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Through 120 years and four generations of family leadership, Wiedenbeck, Inc. has faithfully served our customers with quality materials, precision craftsmanship, competitive pricing, exceptional service, and timely delivery. Let us display our commitment to you!

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## **Products and Services**

### Industrial/Construction Supplies

- Construction Products

- Contractor Supplies

- Cutting Tools

- Fasteners

- Hand Tools

- Material Handling

- MRO/Plant Supply

### Metals

- Metalworking Supplies

- Custom Metal Fabrication

This book is intended as a quick reference of the primary products available from Wiedenbeck, Inc., both in stock and available to be ordered in. Many other sizes and grades not listed are available. Please inquire about any not listed.

**A listing in this catalog does not guarantee  
that the item will be in stock.**

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**ALL DIMENSIONS AND WEIGHTS IN  
THIS BOOK ARE SUBJECT TO MILL  
SPECIFICATIONS AND TOLERANCES.**

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**HOT ROLLED STRIP**  
**ASTM A-1011 and ASTM A-36, Length 20'**

| Size |       | Lbs./Ft. | Lbs./20' |       |
|------|-------|----------|----------|-------|
| 1/8  | X     | 1/2      | .213     | 4.26  |
|      |       | 5/8      | .266     | 5.32  |
|      |       | 3/4      | .319     | 6.38  |
|      |       | 7/8      | .372     | 7.44  |
|      |       | 1        | .425     | 8.50  |
|      |       | 1-1/4    | .531     | 10.62 |
|      |       | 1-1/2    | .638     | 12.76 |
|      |       | 1-3/4    | .744     | 14.88 |
|      |       | 2        | .850     | 17.00 |
|      |       | 2-1/4    | .956     | 19.12 |
|      |       | 2-1/2    | 1.063    | 21.26 |
|      |       | 2-3/4    | 1.169    | 23.38 |
|      |       | 3        | 1.275    | 25.50 |
|      |       | 3-1/4    | 1.381    | 27.62 |
|      |       | 3-1/2    | 1.488    | 29.76 |
|      |       | 4        | 1.700    | 34.00 |
|      |       | 4-1/2    | 1.913    | 38.26 |
|      |       | 5        | 2.125    | 42.50 |
|      |       | 5-1/2    | 2.338    | 46.76 |
|      |       | 6        | 2.550    | 51.00 |
| 7    | 2.975 | 59.50    |          |       |
| 8    | 3.400 | 68.00    |          |       |
| 10   | 4.250 | 85.00    |          |       |
| 12   | 5.100 | 102.00   |          |       |
| 3/16 | X     | 1/2      | .319     | 6.38  |
|      |       | 5/8      | .399     | 7.98  |
|      |       | 3/4      | .478     | 9.56  |
|      |       | 7/8      | .558     | 11.16 |
|      |       | 1        | .638     | 12.76 |
|      |       | 1-1/4    | .797     | 15.94 |
|      |       | 1-1/2    | .956     | 19.12 |
|      |       | 1-3/4    | 1.116    | 22.32 |
|      |       | 2        | 1.275    | 25.50 |
|      |       | 2-1/4    | 1.434    | 28.68 |
|      |       | 2-1/2    | 1.594    | 31.88 |
|      |       | 2-3/4    | 1.753    | 35.06 |
|      |       | 3        | 1.913    | 38.26 |
|      |       | 3-1/2    | 2.231    | 44.62 |
|      |       | 4        | 2.550    | 51.00 |
|      |       | 4-1/2    | 2.869    | 57.38 |
|      |       | 5        | 3.188    | 63.76 |
|      |       | 5-1/2    | 3.506    | 70.12 |
|      |       | 6        | 3.825    | 76.50 |
|      |       | 7        | 4.463    | 89.26 |
| 8    | 5.100 | 102.00   |          |       |
| 9    | 5.740 | 114.80   |          |       |
| 10   | 6.375 | 127.50   |          |       |
| 12   | 7.650 | 153.00   |          |       |

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**HOT ROLLED FLATS**  
**ASTM A-36, Length 20'**

| Size  |       |        | Lbs./Ft. | Lbs./20' |
|-------|-------|--------|----------|----------|
| 1/4   | X     | 1/2    | .425     | 8.50     |
|       |       | 5/8    | .531     | 10.62    |
|       |       | 3/4    | .638     | 12.76    |
|       |       | 7/8    | .744     | 14.88    |
|       |       | 1      | .850     | 17.00    |
|       |       | 1-1/4  | 1.063    | 21.26    |
|       |       | 1-1/2  | 1.275    | 25.50    |
|       |       | 1-3/4  | 1.488    | 29.76    |
|       |       | 2      | 1.700    | 34.00    |
|       |       | 2-1/4  | 1.913    | 38.26    |
|       |       | 2-1/2  | 2.125    | 42.50    |
|       |       | 2-3/4  | 2.338    | 46.76    |
|       |       | 3      | 2.550    | 51.00    |
|       |       | 3-1/4  | 2.763    | 55.26    |
|       |       | 3-1/2  | 2.975    | 59.50    |
|       |       | 3-3/4  | 3.188    | 63.76    |
|       |       | 4      | 3.400    | 68.00    |
|       |       | 4-1/2  | 3.825    | 76.50    |
|       |       | 5      | 4.250    | 85.00    |
|       |       | 5-1/2  | 4.675    | 93.50    |
| 6     | 5.100 | 102.00 |          |          |
| 6-1/2 | 5.525 | 110.50 |          |          |
| 7     | 5.950 | 119.00 |          |          |
| 7-1/2 | 6.375 | 127.50 |          |          |
| 8     | 6.800 | 136.00 |          |          |
| 5/16  | X     | 5/8    | .664     | 13.28    |
|       |       | 3/4    | .797     | 15.94    |
|       |       | 7/8    | .930     | 18.60    |
|       |       | 1      | 1.063    | 21.26    |
|       |       | 1-1/4  | 1.328    | 26.56    |
|       |       | 1-1/2  | 1.594    | 31.88    |
|       |       | 1-3/4  | 1.859    | 37.18    |
|       |       | 2      | 2.125    | 42.50    |
|       |       | 2-1/4  | 2.391    | 47.82    |
|       |       | 2-1/2  | 2.656    | 53.12    |
|       |       | 2-3/4  | 2.922    | 58.44    |
|       |       | 3      | 3.188    | 63.76    |
|       |       | 3-1/2  | 3.719    | 74.38    |
|       |       | 4      | 4.250    | 85.00    |
|       |       | 4-1/2  | 4.781    | 95.62    |
|       |       | 5      | 5.313    | 106.26   |
|       |       | 5-1/2  | 5.844    | 116.88   |
|       |       | 6      | 6.375    | 127.50   |
|       |       | 7      | 7.439    | 148.78   |
|       |       | 8      | 8.500    | 170.00   |

See Universal Mill Plates for sizes over 8"

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## HOT ROLLED FLATS ASTM A-36, Length 20'

| Size  |        |        | Lbs./Ft. | Lbs./20' |
|-------|--------|--------|----------|----------|
| 3/8   | X      | 1/2    | .638     | 12.76    |
|       |        | 5/8    | .797     | 15.94    |
|       |        | 3/4    | .956     | 19.12    |
|       |        | 7/8    | 1.116    | 22.32    |
|       |        | 1      | 1.275    | 25.50    |
|       |        | 1-1/4  | 1.594    | 31.88    |
|       |        | 1-1/2  | 1.913    | 38.26    |
|       |        | 1-3/4  | 2.231    | 44.62    |
|       |        | 2      | 2.550    | 51.00    |
|       |        | 2-1/4  | 2.869    | 57.38    |
|       |        | 2-1/2  | 3.188    | 63.76    |
|       |        | 2-3/4  | 3.506    | 70.12    |
|       |        | 3      | 3.825    | 76.50    |
|       |        | 3-1/3  | 4.463    | 89.26    |
|       |        | 4      | 5.100    | 102.00   |
|       |        | 4-1/2  | 5.738    | 114.76   |
|       |        | 5      | 6.375    | 127.50   |
|       |        | 5-1/2  | 7.013    | 140.26   |
| 6     | 7.650  | 153.00 |          |          |
| 6-1/2 | 8.288  | 165.76 |          |          |
| 7     | 8.925  | 178.50 |          |          |
| 7-1/2 | 9.563  | 191.26 |          |          |
| 8     | 10.200 | 204.00 |          |          |
| 1/2   | X      | 5/8    | 1.063    | 21.26    |
|       |        | 3/4    | 1.275    | 25.50    |
|       |        | 1      | 1.700    | 34.00    |
|       |        | 1-1/4  | 2.125    | 42.50    |
|       |        | 1-1/2  | 2.550    | 51.00    |
|       |        | 1-3/4  | 2.975    | 59.50    |
|       |        | 2      | 3.400    | 68.00    |
|       |        | 2-1/4  | 3.825    | 76.50    |
|       |        | 2-1/2  | 4.250    | 85.00    |
|       |        | 2-3/4  | 4.675    | 93.50    |
|       |        | 3      | 5.100    | 102.00   |
|       |        | 3-1/4  | 5.525    | 110.50   |
|       |        | 3-1/2  | 5.950    | 119.00   |
|       |        | 4      | 6.800    | 136.00   |
|       |        | 4-1/2  | 7.650    | 153.00   |
|       |        | 5      | 8.500    | 170.00   |
|       |        | 5-1/2  | 9.350    | 187.00   |
|       |        | 6      | 10.200   | 204.00   |
| 7     | 11.900 | 238.00 |          |          |
| 8     | 13.600 | 272.00 |          |          |

See Universal Mill Plates for sizes over 8"

(continued on next page)

**HOT ROLLED FLATS**  
**ASTM A-36, Length 20'**

| Size  |        |       | Lbs./Ft. | Lbs./20' |
|-------|--------|-------|----------|----------|
| 5/8   | X      | 3/4   | 1.594    | 31.88    |
|       |        | 7/8   | 1.859    | 37.18    |
|       |        | 1     | 2.125    | 42.50    |
|       |        | 1-1/4 | 2.656    | 53.12    |
|       |        | 1-1/2 | 3.188    | 63.76    |
|       |        | 1-3/4 | 3.719    | 74.38    |
|       |        | 2     | 4.250    | 85.00    |
|       |        | 2-1/4 | 4.781    | 95.62    |
|       |        | 2-1/2 | 5.313    | 106.30   |
|       |        | 2-3/4 | 5.844    | 116.90   |
|       |        | 3     | 6.375    | 127.50   |
|       |        | 3-1/4 | 6.906    | 138.10   |
|       |        | 3-1/2 | 7.438    | 148.80   |
|       |        | 4     | 8.500    | 170.00   |
|       |        | 4-1/2 | 9.563    | 191.30   |
|       |        | 5     | 10.630   | 212.60   |
|       |        | 5-1/2 | 11.690   | 233.80   |
|       |        | 3/4   | X        | 1        |
| 1-1/4 | 3.188  |       |          | 63.76    |
| 1-1/2 | 3.825  |       |          | 76.50    |
| 1-3/4 | 4.463  |       |          | 89.26    |
| 2     | 5.100  |       |          | 102.00   |
| 2-1/4 | 5.738  |       |          | 114.76   |
| 2-1/2 | 6.375  |       |          | 127.50   |
| 2-3/4 | 7.013  |       |          | 140.26   |
| 3     | 7.650  |       |          | 153.00   |
| 3-1/2 | 8.925  |       |          | 178.50   |
| 4     | 10.200 |       |          | 204.00   |
| 4-1/2 | 11.480 |       |          | 229.60   |
| 5     | 12.750 |       |          | 255.00   |
| 5-1/2 | 14.030 |       |          | 280.60   |
| 6     | 15.300 |       |          | 306.00   |
| 7     | 17.850 |       |          | 357.00   |
| 8     | 20.400 |       |          | 408.00   |
| 7/8   | X      |       |          | 1        |
|       |        | 1-1/2 | 4.463    | 89.26    |
|       |        | 1-3/4 | 5.206    | 104.12   |
|       |        | 2     | 5.950    | 119.00   |
|       |        | 2-1/2 | 7.438    | 148.76   |
|       |        | 2-3/4 | 8.181    | 163.62   |
|       |        | 3     | 8.925    | 178.50   |

See Universal Mill Plates for sizes over 8"

(continued on next page)



## HOT ROLLED FLATS ASTM A-36, Length 20'

| Size  |        |        | Lbs./Ft. | Lbs./20' |
|-------|--------|--------|----------|----------|
| 7/8   | X      | 3-1/2  | 10.410   | 208.20   |
|       |        | 4      | 11.900   | 238.00   |
|       |        | 4-1/2  | 13.390   | 267.80   |
|       |        | 5      | 14.880   | 297.60   |
|       |        | 6      | 17.850   | 357.00   |
|       |        | 7      | 20.830   | 416.60   |
|       |        | 8      | 23.800   | 476.00   |
|       |        | 1      | X        | 1-1/4    |
| 1-1/2 | 5.100  |        |          | 102.00   |
| 1-3/4 | 5.950  |        |          | 119.00   |
| 2     | 6.800  |        |          | 136.00   |
| 2-1/4 | 7.650  |        |          | 153.00   |
| 2-1/2 | 8.500  |        |          | 170.00   |
| 2-3/4 | 9.350  |        |          | 187.00   |
| 3     | 10.200 |        |          | 204.00   |
| 3-1/4 | 11.050 |        |          | 221.00   |
| 3-1/2 | 11.900 |        |          | 238.00   |
| 4     | 13.600 |        |          | 272.00   |
| 4-1/2 | 15.300 |        |          | 306.00   |
| 5     | 17.000 |        |          | 340.00   |
| 5-1/2 | 18.700 |        |          | 374.00   |
| 6     | 20.400 |        |          | 408.00   |
| 7     | 23.800 |        |          | 476.00   |
| 8     | 27.200 | 544.00 |          |          |
| 1-1/4 | X      | 1-1/2  | 6.375    | 127.50   |
|       |        | 1-3/4  | 7.438    | 148.76   |
|       |        | 2      | 8.500    | 170.00   |
|       |        | 2-1/4  | 9.563    | 191.26   |
|       |        | 2-1/2  | 10.630   | 212.60   |
|       |        | 2-3/4  | 11.690   | 233.80   |
|       |        | 3      | 12.750   | 255.00   |
|       |        | 3-1/4  | 13.810   | 276.20   |
|       |        | 3-1/2  | 14.880   | 297.60   |
|       |        | 4      | 17.000   | 340.00   |
|       |        | 4-1/2  | 19.130   | 382.60   |
|       |        | 5      | 21.250   | 425.00   |
|       |        | 5-1/2  | 23.380   | 467.60   |
|       |        | 6      | 25.500   | 510.00   |
| 8     | 34.000 | 680.00 |          |          |

See Universal Mill Plates for sizes over 8"

(continued on next page)

**HOT ROLLED FLATS**  
**ASTM A-36, Length 20'**

| Size  |   |       | Lbs./Ft. | Lbs./20' |
|-------|---|-------|----------|----------|
| 1-1/2 | X | 1-3/4 | 8.925    | 178.50   |
|       |   | 2     | 10.200   | 204.00   |
|       |   | 2-1/4 | 11.480   | 229.60   |
|       |   | 2-1/2 | 12.750   | 255.00   |
|       |   | 2-3/4 | 14.030   | 280.60   |
|       |   | 3     | 15.300   | 306.00   |
|       |   | 3-1/2 | 17.850   | 357.00   |
|       |   | 4     | 20.400   | 408.00   |
|       |   | 4-1/2 | 22.950   | 459.00   |
|       |   | 5     | 25.500   | 510.00   |
|       |   | 5-1/2 | 28.050   | 561.00   |
|       |   | 6     | 30.600   | 612.00   |
|       |   | 8     | 40.800   | 816.00   |
| 1-3/4 | X | 2     | 11.900   | 238.00   |
|       |   | 2-1/2 | 14.880   | 297.60   |
|       |   | 3     | 17.850   | 357.00   |
|       |   | 3-1/2 | 20.830   | 416.60   |
|       |   | 4     | 23.800   | 476.00   |
|       |   | 4-1/2 | 26.780   | 535.60   |
|       |   | 6     | 35.700   | 714.00   |
| 2     | X | 2-1/4 | 15.300   | 306.00   |
|       |   | 2-1/2 | 17.000   | 340.00   |
|       |   | 3     | 20.400   | 408.00   |
|       |   | 3-1/2 | 23.800   | 476.00   |
|       |   | 4     | 27.200   | 544.00   |
|       |   | 4-1/2 | 30.600   | 612.00   |
|       |   | 5     | 34.000   | 680.00   |
|       |   | 8     | 54.400   | 1088.00  |
| 2-1/2 | X | 3     | 25.500   | 510.00   |
|       |   | 3-1/2 | 29.750   | 595.00   |
|       |   | 4     | 34.000   | 680.00   |
|       |   | 4-1/2 | 38.250   | 765.00   |
|       |   | 6     | 51.000   | 1020.00  |
| 3     | X | 4     | 40.800   | 816.00   |
|       |   | 5     | 51.000   | 1020.00  |
|       |   | 6     | 61.200   | 1224.00  |

See Universal Mill Plates for sizes over 8"

**UNIVERSAL MILL PLATES**  
**ASTM A-36, Length 20'**

| Size  |   |     | Lbs./Ft. | Lbs./20' |
|-------|---|-----|----------|----------|
| 1/4   | X | 9   | 7.66     | 153.20   |
|       |   | 10  | 8.51     | 170.20   |
|       |   | 11  | 9.36     | 187.20   |
|       |   | 12  | 10.21    | 204.20   |
| 5/16  | X | 9   | 9.57     | 191.40   |
|       |   | 10  | 10.63    | 212.60   |
|       |   | 11  | 11.70    | 234.00   |
|       |   | 12  | 12.76    | 255.20   |
| 3/8   | X | 9   | 11.49    | 229.80   |
|       |   | 10  | 12.77    | 255.40   |
|       |   | 11  | 14.04    | 280.80   |
|       |   | 12  | 15.32    | 306.40   |
|       |   | 14  | 17.85    | 357.00   |
|       |   | 1/2 | X        | 9        |
|       |   | 10  | 17.02    | 340.40   |
|       |   | 11  | 18.79    | 375.80   |
|       |   | 12  | 20.42    | 408.40   |
|       |   | 14  | 23.80    | 476.00   |
| 5/8   | X | 9   | 19.15    | 383.00   |
|       |   | 10  | 21.27    | 425.40   |
|       |   | 12  | 25.53    | 510.60   |
| 3/4   | X | 9   | 22.97    | 459.40   |
|       |   | 10  | 25.52    | 510.40   |
|       |   | 12  | 30.63    | 612.60   |
|       |   | 14  | 35.70    | 714.00   |
| 1     | X | 9   | 30.63    | 612.60   |
|       |   | 10  | 34.03    | 680.60   |
|       |   | 12  | 40.84    | 816.80   |
|       |   | 14  | 47.60    | 952.00   |
| 1-1/4 | X | 10  | 42.54    | 850.80   |
|       |   | 11  | 46.80    | 936.00   |
|       |   | 12  | 51.05    | 1021.00  |
|       |   | 14  | 59.50    | 1190.00  |
| 1-1/2 | X | 10  | 51.05    | 1021.00  |

## CUTTING EDGE/BUCKET BLADES .55C Single Bevel Flat – Weld-On

| Size |   |     | Lbs./Ft. | Length | Lbs./Length |
|------|---|-----|----------|--------|-------------|
| 9/32 | X | 4   | 3.39     | 24'0"  | 81.360      |
| 3/8  | X | 3   | 3.33     | 20'6"  | 68.265      |
| 1/2  | X | 4   | 6.04     | 20'6"  | 123.820     |
|      |   | 6 * | 9.45     | 20'6"  | 193.725     |
| 5/8  | X | 6   | 11.66    | 24'6"  | 285.670     |
| 3/4  | X | 4   | 8.48     | 24'6"  | 207.760     |
|      |   | 6 * | 13.60    | 20'6"  | 278.800     |
|      |   | 8   | 18.41    | 24'1"  | 443.368     |
| 1    | X | 8   | 25.16    | 24'6"  | 616.420     |

\* Also available in 41'0"

## HOT ROLLED SQUARES ASTM A-36, Length 20'

| Size  | Lbs./Ft. | Lbs./20' |
|-------|----------|----------|
| 3/8   | .478     | 9.56     |
| 7/16  | .651     | 13.02    |
| 1/2   | .851     | 17.02    |
| 9/16  | 1.076    | 21.52    |
| 5/8   | 1.329    | 26.58    |
| 3/4   | 1.914    | 38.28    |
| 7/8   | 2.605    | 52.10    |
| 1     | 3.402    | 68.04    |
| 1-1/8 | 4.306    | 86.12    |
| 1-1/4 | 5.316    | 106.32   |
| 1-1/2 | 7.655    | 153.10   |
| 1-5/8 | 8.978    | 179.56   |
| 1-3/4 | 10.413   | 208.26   |
| 2     | 13.600   | 272.00   |
| 2-1/4 | 17.210   | 344.20   |
| 2-1/2 | 21.250   | 425.00   |
| 2-3/4 | 25.710   | 514.20   |
| 3     | 30.600   | 612.00   |
| 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 ROUNDS**  
**ASTM A-36, Length 20'**

| Size  | Lbs./Ft. | Lbs./20' |
|-------|----------|----------|
| 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    | 20.86    |
| 3/4   | 1.502    | 30.04    |
| 7/8   | 2.045    | 40.89    |
| 1     | 2.670    | 53.40    |
| 1-1/8 | 3.380    | 67.60    |
| 1-1/4 | 4.173    | 83.46    |
| 1-3/8 | 5.049    | 100.98   |
| 1-1/2 | 6.008    | 120.16   |
| 1-5/8 | 7.052    | 141.04   |
| 1-3/4 | 8.178    | 163.56   |
| 1-7/8 | 9.388    | 187.76   |
| 2     | 10.680   | 213.60   |
| 2-1/8 | 12.060   | 241.20   |
| 2-1/4 | 13.520   | 270.40   |
| 2-3/8 | 15.060   | 301.20   |
| 2-1/2 | 16.690   | 333.80   |
| 2-5/8 | 18.400   | 368.00   |
| 2-3/4 | 20.190   | 403.80   |
| 2-7/8 | 22.070   | 441.40   |
| 3     | 24.030   | 480.60   |
| 3-1/8 | 26.080   | 521.60   |
| 3-1/4 | 28.210   | 564.20   |

**HOT ROLLED HALF ROUNDS**  
**ASTM A-36, Length 20'**

| Size | Lbs./Ft. | Lbs./20' |
|------|----------|----------|
| 1/2  | .334     | 6.68     |
| 3/4  | .751     | 15.02    |
| 1    | 1.335    | 26.70    |

**HOT ROLLED HALF OVALS**  
**ASTM A-36, Length 20'**

| Size  |   |      | Lbs./Ft. | Lbs./20' |
|-------|---|------|----------|----------|
| 1     | X | 1/4  | .594     | 11.88    |
| 1-1/4 | X | 5/16 | .928     | 18.56    |
| 1-1/2 | X | 5/16 | 1.099    | 21.98    |
|       |   | 3/8  | 1.337    | 26.74    |
| 1-3/4 | X | 7/16 | 1.819    | 36.38    |
| 2     | X | 1/2  | 2.376    | 47.52    |

**REINFORCING BARS/REBAR**  
**Grade 40 & Grade 60, Length 20'**  
**(also available in 40' length)**

| Size        | Lbs./Ft. | Lbs./20' |
|-------------|----------|----------|
| #3 (3/8)    | .376     | 7.52     |
| #4 (1/2)    | .668     | 13.36    |
| #5 (5/8)    | 1.043    | 20.86    |
| #6 (3/4)    | 1.502    | 30.04    |
| #7 (7/8)    | 2.044    | 40.88    |
| #8 (1)      | 2.670    | 53.40    |
| #9 (1-1/8)  | 3.400    | 68.00    |
| #10 (1-1/4) | 4.303    | 86.06    |
| #11 (1-3/8) | 5.313    | 106.26   |

**THREADED ROD**  
**Grade 2, Coarse Thread, Zinc Plated**

| Size | Threads Per Inch | Length        | Size  | Threads Per Inch | Length        |
|------|------------------|---------------|-------|------------------|---------------|
| 10   | 24               | 3',6'         | 5/8   | 11               | 3',6',10',12' |
| 1/4  | 20               | 3',6',10',12' | 3/4   | 10               | 3',6',10',12' |
| 5/16 | 18               | 3',6',10',12' | 7/8   | 9                | 3',6',12'     |
| 3/8  | 16               | 3',6',10',12' | 1     | 8                | 3',6',10',12' |
| 7/16 | 14               | 3',6'         | 1-1/8 | 7                | 3',6'         |
| 1/2  | 13               | 3',6',10',12' | 1-1/4 | 7                | 3',6'         |
| 9/16 | 12               | 3',6'         | 1-1/2 | 6                | 3',6'         |

**THREADED ROD**  
**Grade 2, Fine Thread, Zinc Plated**

| Size | Threads Per Inch | Length | Size  | Threads Per Inch | Length |
|------|------------------|--------|-------|------------------|--------|
| 10   | 32               | 3',6'  | 5/8   | 18               | 3',6'  |
| 1/4  | 28               | 3',6'  | 3/4   | 16               | 3',6'  |
| 5/16 | 24               | 3',6'  | 7/8   | 14               | 3',6'  |
| 3/8  | 24               | 3',6'  | 1     | 14               | 3',6'  |
| 7/16 | 20               | 3',6'  | 1-1/8 | 12               | 3'     |
| 1/2  | 20               | 3',6'  | 1-1/4 | 12               | 3'     |
| 9/16 | 18               | 3',6'  |       |                  |        |

**THREADED ROD**  
**B-7, Coarse Thread, Zinc Plated, ASTM A-193**

| Size | Threads Per Inch | Length    | Size  | Threads Per Inch | Length    |
|------|------------------|-----------|-------|------------------|-----------|
| 1/4  | 20               | 3',6',12' | 3/4   | 10               | 3',6',12' |
| 5/16 | 18               | 3',6'     | 7/8   | 9                | 3',6'     |
| 3/8  | 16               | 3',6',12' | 1     | 8                | 3',6',12' |
| 7/16 | 14               | 3',6'     | 1-1/8 | 7                | 3',6'     |
| 1/2  | 13               | 3',6',12' | 1-1/4 | 7                | 3',6'     |
| 9/16 | 12               | 3',6'     | 1-1/2 | 6                | 3',6'     |
| 5/8  | 11               | 3',6',12' |       |                  |           |

**THREADED ROD**  
**B-7, Fine Thread, Zinc Plated, ASTM A-193**

| Size | Threads Per Inch | Length | Size  | Threads Per Inch | Length |
|------|------------------|--------|-------|------------------|--------|
| 1/4  | 28               | 3',6'  | 5/8   | 18               | 3',6'  |
| 5/16 | 24               | 3',6'  | 3/4   | 16               | 3',6'  |
| 3/8  | 24               | 3',6'  | 7/8   | 14               | 3',6'  |
| 7/16 | 20               | 3',6'  | 1     | 14               | 3',6'  |
| 1/2  | 20               | 3',6'  | 1-1/8 | 12               | 3'     |
| 9/16 | 18               | 3',6'  |       |                  |        |

**THREADED ROD**  
**18-8, Type 304 Stainless Steel, Coarse Thread, ASTM A-193 Grade B8**

| Size | Threads Per Inch | Length | Size  | Threads Per Inch | Length |
|------|------------------|--------|-------|------------------|--------|
| 1/4  | 20               | 3',6'  | 5/8   | 11               | 3',6'  |
| 5/16 | 18               | 3',6'  | 3/4   | 10               | 3',6'  |
| 3/8  | 16               | 3',6'  | 7/8   | 9                | 3',6'  |
| 7/16 | 14               | 3',6'  | 1     | 8                | 3',6'  |
| 1/2  | 13               | 3',6'  | 1-1/8 | 7                | 3',6'  |
| 9/16 | 12               | 6'     | 1-1/4 | 7                | 6'     |

**THREADED ROD**  
**Metric, Zinc Plated, Class 4.6 and Grade B-7**

| Size | Thread Pitch | Length (Meters) | Size | Thread Pitch | Length (Meters) |
|------|--------------|-----------------|------|--------------|-----------------|
| 5    | 0.80         | 1               | 12   | 1.75         | 1               |
| 6    | 1.00         | 1               | 14   | 2.00         | 1               |
| 8    | 1.25         | 1               | 16   | 2.00         | 1               |
| 10   | 1.50         | 1               |      |              |                 |

**ACME THREADED ROD**  
**Low Carbon, Plain Finish, ACME Thread**

| Size | Threads | Length | Size  | Threads | Length |
|------|---------|--------|-------|---------|--------|
| 1/2  | 10      | 6'     | 1     | 5       | 6'     |
| 5/8  | 6       | 6'     | 1-1/8 | 5       | 6'     |
| 3/4  | 6       | 6'     | 1-1/4 | 5       | 6'     |
| 1    | 4       | 6'     | 1-1/2 | 4       | 6'     |



**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |       |        | Lbs./Ft. | Lbs./12' |
|-------|-------|--------|----------|----------|
| 1/8   | X     | 3/16   | .080     | .960     |
|       |       | 1/4    | .106     | 1.272    |
|       |       | 5/16   | .133     | 1.596    |
|       |       | 3/8    | .159     | 1.908    |
|       |       | 1/2    | .213     | 2.556    |
|       |       | 5/8    | .266     | 3.192    |
|       |       | 3/4    | .319     | 3.828    |
|       |       | 7/8    | .372     | 4.464    |
|       |       | 1      | .425     | 5.100    |
|       |       | 1-1/8  | .478     | 5.736    |
|       |       | 1-1/4  | .531     | 6.372    |
|       |       | 1-3/8  | .584     | 7.008    |
|       |       | 1-1/2  | .638     | 7.656    |
|       |       | 1-3/4  | .744     | 8.928    |
|       |       | 2      | .850     | 10.200   |
|       |       | 2-1/4  | .956     | 11.472   |
|       |       | 2-1/2  | 1.063    | 12.756   |
|       |       | 3      | 1.275    | 15.300   |
|       |       | 4      | 1.700    | 20.400   |
|       |       | 5      | 2.125    | 25.500   |
| 6     | 2.550 | 30.600 |          |          |
| 3/16  | X     | 1/4    | .159     | 1.908    |
|       |       | 5/16   | .199     | 2.388    |
|       |       | 3/8    | .239     | 2.868    |
|       |       | 7/16   | .279     | 3.348    |
|       |       | 1/2    | .319     | 3.828    |
|       |       | 5/8    | .398     | 4.776    |
|       |       | 3/4    | .478     | 5.736    |
|       |       | 7/8    | .558     | 6.696    |
|       |       | 1      | .638     | 7.656    |
|       |       | 1-1/8  | .717     | 8.604    |
|       |       | 1-1/4  | .797     | 9.564    |
|       |       | 1-3/8  | .877     | 10.524   |
|       |       | 1-1/2  | .956     | 11.472   |
|       |       | 1-3/4  | 1.116    | 13.392   |
|       |       | 2      | 1.275    | 15.300   |
|       |       | 2-1/4  | 1.434    | 17.208   |
|       |       | 2-1/2  | 1.594    | 19.128   |
|       |       | 2-3/4  | 1.753    | 21.036   |
|       |       | 3      | 1.913    | 22.956   |
|       |       | 3-1/4  | 2.072    | 24.864   |
| 3-1/2 | 2.231 | 26.772 |          |          |
| 4     | 2.550 | 30.600 |          |          |
| 4-1/2 | 2.869 | 34.428 |          |          |
| 5     | 3.188 | 38.256 |          |          |
| 6     | 3.825 | 45.900 |          |          |

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**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |       |        | Lbs./Ft. | Lbs./12' |
|-------|-------|--------|----------|----------|
| 1/4   | X     | 5/16   | .266     | 3.192    |
|       |       | 3/8    | .319     | 3.828    |
|       |       | 7/16   | .372     | 4.464    |
|       |       | 1/2    | .425     | 5.100    |
|       |       | 9/16   | .478     | 5.736    |
|       |       | 5/8    | .531     | 6.372    |
|       |       | 3/4    | .638     | 7.656    |
|       |       | 7/8    | .744     | 8.928    |
|       |       | 1      | .850     | 10.200   |
|       |       | 1-1/8  | .956     | 11.472   |
|       |       | 1-1/4  | 1.063    | 12.756   |
|       |       | 1-3/8  | 1.169    | 14.028   |
|       |       | 1-1/2  | 1.275    | 15.300   |
|       |       | 1-5/8  | 1.381    | 16.572   |
|       |       | 1-3/4  | 1.488    | 17.856   |
|       |       | 1-7/8  | 1.594    | 19.128   |
|       |       | 2      | 1.700    | 20.400   |
|       |       | 2-1/4  | 1.913    | 22.956   |
|       |       | 2-1/2  | 2.125    | 25.500   |
|       |       | 2-3/4  | 2.338    | 28.656   |
|       |       | 3      | 2.550    | 30.600   |
|       |       | 3-1/4  | 2.763    | 33.156   |
|       |       | 3-1/2  | 2.975    | 35.700   |
|       |       | 3-3/4  | 3.188    | 38.256   |
|       |       | 4      | 3.400    | 40.800   |
|       |       | 4-1/2  | 3.825    | 45.900   |
|       |       | 5      | 4.250    | 51.000   |
|       |       | 5-1/2  | 4.675    | 56.100   |
| 6     | 5.100 | 61.200 |          |          |
| 6-1/2 | 5.525 | 66.300 |          |          |
| 7     | 5.950 | 71.400 |          |          |
| 8     | 6.800 | 81.600 |          |          |
| 5/16  | X     | 3/8    | .398     | 4.776    |
|       |       | 7/16   | .465     | 5.580    |
|       |       | 1/2    | .531     | 6.372    |
|       |       | 5/8    | .664     | 7.968    |
|       |       | 3/4    | .770     | 9.240    |
|       |       | 7/8    | .928     | 11.136   |
|       |       | 1      | 1.063    | 12.756   |
|       |       | 1-1/8  | 1.195    | 14.340   |
|       |       | 1-1/4  | 1.328    | 15.936   |
|       |       | 1-3/8  | 1.461    | 17.532   |
|       |       | 1-1/2  | 1.594    | 19.128   |

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**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |        |       | Lbs./Ft. | Lbs./12' |      |       |
|-------|--------|-------|----------|----------|------|-------|
| 5/16  | X      | 1-3/4 | 1.859    | 22.308   |      |       |
|       |        | 2     | 2.125    | 25.500   |      |       |
|       |        | 2-1/4 | 2.391    | 28.692   |      |       |
|       |        | 2-1/2 | 2.656    | 31.872   |      |       |
|       |        | 2-3/4 | 2.922    | 35.064   |      |       |
|       |        | 3     | 3.188    | 38.256   |      |       |
|       |        | 3-1/4 | 3.453    | 41.436   |      |       |
|       |        | 3-1/2 | 3.719    | 44.628   |      |       |
|       |        | 4     | 4.250    | 51.000   |      |       |
|       |        | 4-1/2 | 4.781    | 57.372   |      |       |
|       |        | 5     | 5.313    | 63.756   |      |       |
|       |        | 6     | 6.375    | 76.500   |      |       |
|       |        | 7     | 7.438    | 89.256   |      |       |
|       |        | 8     | 8.500    | 102.000  |      |       |
|       |        | 3/8   | X        | 1/2      | .638 | 7.656 |
|       |        |       |          | 5/8      | .797 | 9.564 |
| 3/4   | .956   |       |          | 11.472   |      |       |
| 7/8   | 1.116  |       |          | 13.392   |      |       |
| 1     | 1.275  |       |          | 15.300   |      |       |
| 1-1/8 | 1.434  |       |          | 17.208   |      |       |
| 1-1/4 | 1.594  |       |          | 19.128   |      |       |
| 1-3/8 | 1.753  |       |          | 21.036   |      |       |
| 1-1/2 | 1.913  |       |          | 22.956   |      |       |
| 1-5/8 | 2.072  |       |          | 24.864   |      |       |
| 1-3/4 | 2.231  |       |          | 26.772   |      |       |
| 1-7/8 | 2.391  |       |          | 28.692   |      |       |
| 2     | 2.550  |       |          | 30.600   |      |       |
| 2-1/4 | 2.869  |       |          | 34.428   |      |       |
| 2-1/2 | 3.188  |       |          | 38.256   |      |       |
| 2-3/4 | 3.506  |       |          | 42.072   |      |       |
| 3     | 3.825  |       |          | 45.900   |      |       |
| 3-1/4 | 4.144  |       |          | 49.728   |      |       |
| 3-1/2 | 4.463  |       |          | 53.556   |      |       |
| 3-3/4 | 4.781  |       |          | 57.372   |      |       |
| 4     | 5.100  |       |          | 61.200   |      |       |
| 4-1/2 | 5.738  |       |          | 68.856   |      |       |
| 5     | 6.375  |       |          | 76.500   |      |       |
| 5-1/2 | 7.013  |       |          | 84.156   |      |       |
| 6     | 7.650  |       |          | 91.800   |      |       |
| 7     | 8.925  |       |          | 107.100  |      |       |
| 8     | 10.200 |       |          | 122.400  |      |       |

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**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |        |         | Lbs./Ft. | Lbs./12' |
|-------|--------|---------|----------|----------|
| 1/2   | X      | 5/8     | 1.063    | 12.756   |
|       |        | 3/4     | 1.275    | 15.300   |
|       |        | 7/8     | 1.488    | 17.856   |
|       |        | 1       | 1.700    | 20.400   |
|       |        | 1-1/8   | 1.913    | 22.956   |
|       |        | 1-1/4   | 2.125    | 25.500   |
|       |        | 1-3/8   | 2.338    | 28.056   |
|       |        | 1-1/2   | 2.550    | 30.600   |
|       |        | 1-5/8   | 2.763    | 33.156   |
|       |        | 1-3/4   | 2.975    | 35.700   |
|       |        | 2       | 3.400    | 40.800   |
|       |        | 2-1/4   | 3.825    | 45.900   |
|       |        | 2-1/2   | 4.250    | 51.000   |
|       |        | 2-3/4   | 4.675    | 56.100   |
|       |        | 3       | 5.100    | 61.200   |
|       |        | 3-1/4   | 5.525    | 66.300   |
|       |        | 3-1/2   | 5.950    | 71.400   |
|       |        | 3-3/4   | 6.375    | 76.500   |
|       |        | 4       | 6.800    | 81.600   |
|       |        | 4-1/4   | 7.225    | 86.700   |
|       |        | 4-1/2   | 7.650    | 91.800   |
|       |        | 4-3/4   | 8.075    | 96.900   |
|       |        | 5       | 8.500    | 102.000  |
|       |        | 5-1/2   | 9.350    | 112.200  |
| 6     | 10.200 | 122.400 |          |          |
| 7     | 11.900 | 142.800 |          |          |
| 8     | 13.600 | 163.200 |          |          |
| 9     | 15.300 | 183.600 |          |          |
| 10    | 17.000 | 204.000 |          |          |
| 11    | 18.700 | 224.400 |          |          |
| 12    | 20.400 | 244.800 |          |          |
| 5/8   | X      | 3/4     | 1.594    | 19.128   |
|       |        | 7/8     | 1.859    | 22.308   |
|       |        | 1       | 2.125    | 25.500   |
|       |        | 1-1/8   | 2.391    | 28.692   |
|       |        | 1-1/4   | 2.656    | 31.872   |
|       |        | 1-3/8   | 2.922    | 35.064   |
|       |        | 1-1/2   | 3.188    | 38.256   |
|       |        | 1-5/8   | 3.453    | 41.436   |
|       |        | 1-3/4   | 3.719    | 44.628   |
|       |        | 2       | 4.250    | 51.000   |
|       |        | 2-1/4   | 4.781    | 57.372   |
|       |        | 2-1/2   | 5.313    | 63.756   |
|       |        | 2-3/4   | 5.844    | 70.128   |
|       |        | 3       | 6.375    | 76.500   |
|       |        | 3-1/4   | 6.906    | 82.872   |
| 3-1/2 | 7.438  | 89.256  |          |          |

(continued on next page)

**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |        |         | Lbs./Ft. | Lbs./12' |
|-------|--------|---------|----------|----------|
| 5/8   | X      | 3-3/4   | 7.969    | 95.628   |
|       |        | 4       | 8.500    | 102.000  |
|       |        | 4-1/2   | 9.563    | 114.756  |
|       |        | 5       | 10.630   | 127.560  |
|       |        | 5-1/2   | 11.690   | 140.280  |
|       |        | 6       | 12.750   | 153.000  |
|       |        | 7       | 14.880   | 178.560  |
|       |        | 8       | 17.000   | 204.000  |
|       |        | 9       | 19.130   | 229.560  |
|       |        | 10      | 21.250   | 255.000  |
|       |        | 11      | 23.380   | 280.560  |
|       |        | 12      | 25.500   | 306.000  |
|       |        | 3/4     | X        | 7/8      |
| 1     | 2.550  |         |          | 30.600   |
| 1-1/8 | 2.869  |         |          | 34.428   |
| 1-1/4 | 3.188  |         |          | 38.256   |
| 1-3/8 | 3.506  |         |          | 42.072   |
| 1-1/2 | 3.825  |         |          | 45.900   |
| 1-5/8 | 4.144  |         |          | 49.728   |
| 1-3/4 | 4.463  |         |          | 53.556   |
| 2     | 5.100  |         |          | 61.200   |
| 2-1/4 | 5.738  |         |          | 68.856   |
| 2-1/2 | 6.375  |         |          | 76.500   |
| 2-3/4 | 7.013  |         |          | 84.156   |
| 3     | 7.650  |         |          | 91.800   |
| 3-1/4 | 8.290  |         |          | 99.480   |
| 3-1/2 | 8.925  |         |          | 107.100  |
| 3-3/4 | 9.563  |         |          | 114.756  |
| 4     | 10.200 |         |          | 122.400  |
| 4-1/2 | 11.480 |         |          | 137.760  |
| 5     | 12.750 |         |          | 153.000  |
| 5-1/2 | 14.030 |         |          | 168.360  |
| 6     | 15.300 |         |          | 183.600  |
| 6-1/2 | 16.580 | 198.960 |          |          |
| 7     | 17.850 | 214.200 |          |          |
| 8     | 20.400 | 244.800 |          |          |
| 9     | 22.950 | 275.400 |          |          |
| 10    | 25.500 | 306.000 |          |          |
| 11    | 28.050 | 336.600 |          |          |
| 12    | 30.600 | 367.200 |          |          |
| 7/8   | X      | 1       | 2.975    | 35.700   |
|       |        | 1-1/8   | 3.347    | 40.164   |
|       |        | 1-1/4   | 3.719    | 44.628   |
|       |        | 1-3/8   | 4.091    | 49.092   |
|       |        | 1-1/2   | 4.463    | 53.556   |
|       |        | 1-3/4   | 5.206    | 62.472   |

(continued on next page)

**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |        | Lbs./Ft. | Lbs./12' |         |
|-------|--------|----------|----------|---------|
| 7/8   | X      | 2        | 5.950    | 71.400  |
|       |        | 2-1/4    | 6.694    | 80.328  |
|       |        | 2-1/2    | 7.438    | 89.256  |
|       |        | 2-3/4    | 8.181    | 98.172  |
|       |        | 3        | 8.925    | 107.100 |
|       |        | 3-1/2    | 10.410   | 124.920 |
|       |        | 4        | 11.900   | 142.800 |
|       |        | 4-1/2    | 13.390   | 160.680 |
|       |        | 5        | 14.880   | 178.560 |
|       |        | 5-1/2    | 16.360   | 196.320 |
|       |        | 6        | 20.400   | 244.800 |
| 1     | X      | 8        | 23.800   | 285.600 |
|       |        | 10       | 29.750   | 357.000 |
|       |        | 1-1/8    | 3.825    | 45.900  |
|       |        | 1-1/4    | 4.250    | 51.000  |
|       |        | 1-3/8    | 4.675    | 56.100  |
|       |        | 1-1/2    | 5.100    | 61.200  |
|       |        | 1-5/8    | 5.525    | 66.300  |
|       |        | 1-3/4    | 5.950    | 71.400  |
|       |        | 2        | 6.800    | 81.600  |
|       |        | 2-1/4    | 7.650    | 91.800  |
|       |        | 2-1/2    | 8.500    | 102.000 |
| 2-3/4 | 9.350  | 112.200  |          |         |
| 3     | 10.200 | 122.400  |          |         |
| 3-1/4 | 11.050 | 132.600  |          |         |
| 3-1/2 | 11.900 | 142.800  |          |         |
| 4     | 13.600 | 163.200  |          |         |
| 4-1/2 | 15.300 | 183.600  |          |         |
| 5     | 17.000 | 204.000  |          |         |
| 5-1/2 | 18.700 | 224.400  |          |         |
| 6     | 20.400 | 244.800  |          |         |
| 7     | 23.800 | 285.600  |          |         |
| 8     | 27.200 | 326.400  |          |         |
| 9     | 30.600 | 367.200  |          |         |
| 10    | 34.000 | 408.000  |          |         |
| 11    | 37.400 | 448.800  |          |         |
| 12    | 40.800 | 489.600  |          |         |
| 1-1/4 | X      | 1-3/8    | 5.844    | 70.128  |
|       |        | 1-1/2    | 6.375    | 76.500  |
|       |        | 1-5/8    | 6.906    | 82.872  |
|       |        | 1-3/4    | 7.438    | 89.256  |
|       |        | 1-7/8    | 7.969    | 95.628  |
|       |        | 2        | 8.500    | 102.000 |
|       |        | 2-1/4    | 9.563    | 114.756 |
|       |        | 2-1/2    | 10.630   | 127.560 |
| 2-3/4 | 11.690 | 140.280  |          |         |

(continued on next page)

**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |        |         | Lbs./Ft. | Lbs./12' |
|-------|--------|---------|----------|----------|
| 1-1/4 | X      | 3       | 12.750   | 153.000  |
|       |        | 3-1/4   | 13.810   | 165.720  |
|       |        | 3-1/2   | 14.880   | 178.560  |
|       |        | 3-3/4   | 15.940   | 191.280  |
|       |        | 4       | 17.000   | 204.000  |
|       |        | 4-1/2   | 19.130   | 229.560  |
|       |        | 5       | 21.250   | 255.000  |
|       |        | 5-1/2   | 23.380   | 280.560  |
|       |        | 6       | 25.500   | 306.000  |
|       |        | 8       | 34.000   | 408.000  |
|       |        | 10      | 42.500   | 510.000  |
|       |        | 12      | 51.000   | 612.000  |
| 1-1/2 | X      | 1-3/4   | 8.295    | 99.540   |
|       |        | 1-7/8   | 9.563    | 114.756  |
|       |        | 2       | 10.200   | 122.400  |
|       |        | 2-1/4   | 11.480   | 137.760  |
|       |        | 2-1/2   | 12.750   | 153.000  |
|       |        | 2-3/4   | 14.030   | 168.360  |
|       |        | 3       | 15.300   | 183.600  |
|       |        | 3-1/4   | 16.580   | 198.960  |
|       |        | 3-1/2   | 17.850   | 214.200  |
|       |        | 4       | 20.400   | 244.800  |
|       |        | 4-1/2   | 22.950   | 275.400  |
|       |        | 5       | 25.500   | 306.000  |
|       |        | 5-1/2   | 28.050   | 336.600  |
|       |        | 6       | 30.600   | 367.200  |
|       |        | 8       | 40.800   | 489.600  |
| 10    | 51.000 | 612.000 |          |          |
| 12    | 61.200 | 734.400 |          |          |
| 1-3/4 | X      | 2       | 11.900   | 142.800  |
|       |        | 2-1/4   | 13.390   | 160.680  |
|       |        | 2-1/2   | 14.880   | 178.560  |
|       |        | 2-3/4   | 16.360   | 196.320  |
|       |        | 3       | 17.850   | 214.200  |
|       |        | 3-1/2   | 20.830   | 349.960  |
|       |        | 3-3/4   | 22.310   | 249.960  |
|       |        | 4       | 23.800   | 285.600  |
|       |        | 4-1/2   | 26.780   | 321.360  |
|       |        | 5       | 29.750   | 357.000  |
|       |        | 5-1/2   | 32.730   | 392.760  |
| 6     | 35.700 | 428.400 |          |          |

(continued on next page)

**COLD FINISHED FLATS**  
**C1018, ASTM A-108, Length 12'**

| Size  |   |       | Lbs./Ft. | Lbs./12' |
|-------|---|-------|----------|----------|
| 2     | X | 2-1/4 | 15.300   | 183.600  |
|       |   | 2-1/2 | 17.000   | 204.000  |
|       |   | 2-3/4 | 18.700   | 224.400  |
|       |   | 3     | 20.400   | 244.800  |
|       |   | 3-1/2 | 23.800   | 285.600  |
|       |   | 4     | 27.200   | 326.400  |
|       |   | 4-1/2 | 30.600   | 367.200  |
|       |   | 5     | 34.000   | 408.000  |
|       |   | 6     | 40.800   | 489.600  |
|       |   | 8     | 54.400   | 652.800  |
|       |   | 10    | 68.000   | 816.000  |
|       |   | 12    | 81.600   | 979.200  |
| 2-1/4 | X | 2-1/2 | 19.130   | 229.560  |
|       |   | 3     | 22.950   | 275.400  |
|       |   | 3-1/2 | 26.780   | 321.360  |
|       |   | 4     | 30.600   | 367.200  |
|       |   | 4-1/2 | 34.430   | 413.160  |
|       |   | 5     | 38.250   | 459.000  |
| 2-1/2 | X | 6     | 45.900   | 550.800  |
|       |   | 2-3/4 | 23.380   | 280.560  |
|       |   | 3     | 25.500   | 306.000  |
|       |   | 3-1/2 | 29.750   | 357.000  |
|       |   | 4     | 34.000   | 408.000  |
|       |   | 4-1/2 | 38.250   | 459.000  |
|       |   | 5     | 42.500   | 510.000  |
|       |   | 6     | 51.000   | 612.000  |
|       |   | 8     | 68.000   | 816.000  |
|       |   | 10    | 85.000   | 1020.000 |
| 3     | X | 3-1/2 | 35.700   | 428.400  |
|       |   | 4     | 40.800   | 489.600  |
|       |   | 5     | 51.000   | 612.000  |
|       |   | 6     | 61.200   | 734.400  |
|       |   | 8     | 81.600   | 979.200  |
|       |   | 10    | 102.000  | 1224.000 |



**COLD FINISHED ROUNDS**  
**C1018, C1045, StressProof, Length 12', 20'**

| Size    | 1018 | 1045 | SP | Lbs./Ft. | #/12'   | #/20'  |
|---------|------|------|----|----------|---------|--------|
| 1/8     | X    |      |    | .042     | .504    | .84    |
| 5/32    | X    |      |    | .065     | .780    | 1.30   |
| 3/16    | X    | X    |    | .094     | 1.128   | 1.88   |
| 7/32    | X    |      |    | .128     | 1.536   | 2.56   |
| 1/4     | X    | X    | X  | .167     | 2.004   | 3.34   |
| 9/32    | X    |      |    | .211     | 2.532   | 4.22   |
| 5/16    | X    | X    | X  | .261     | 3.132   | 5.22   |
| 11/32   | X    |      |    | .316     | 3.792   | 6.32   |
| 3/8     | X    | X    | X  | .376     | 4.512   | 7.52   |
| 13/32   | X    |      |    | .441     | 5.292   | 8.82   |
| 7/16    | X    | X    | X  | .511     | 6.132   | 10.22  |
| 15/32   | X    |      | X  | .587     | 7.044   | 11.74  |
| 1/2     | X    | X    | X  | .668     | 8.016   | 13.36  |
| 17/32   | X    |      | X  | .754     | 9.048   | 15.08  |
| 9/16    | X    | X    | X  | .845     | 10.140  | 16.90  |
| 19/32   | X    |      |    | .942     | 11.304  | 18.84  |
| 5/8     | X    | X    | X  | 1.043    | 12.516  | 20.86  |
| 11/16   | X    | X    | X  | 1.262    | 15.144  | 25.24  |
| 23/32   | X    |      |    | 1.380    | 16.560  | 27.60  |
| 3/4     | X    | X    | X  | 1.502    | 18.024  | 30.04  |
| 25/32   | X    |      |    | 1.630    | 19.560  | 32.60  |
| 13/16   | X    | X    | X  | 1.763    | 21.156  | 35.26  |
| 27/32   | X    |      |    | 1.901    | 22.812  | 38.02  |
| 7/8     | X    | X    | X  | 2.045    | 24.540  | 40.90  |
| 29/32   | X    |      |    | 2.193    | 26.316  | 43.86  |
| 15/16   | X    | X    | X  | 2.347    | 28.164  | 46.94  |
| 1       | X    | X    | X  | 2.670    | 32.040  | 53.40  |
| 1-1/16  | X    | X    | X  | 3.015    | 36.180  | 60.30  |
| 1-1/8   | X    | X    | X  | 3.380    | 40.560  | 67.60  |
| 1-3/16  | X    | X    | X  | 3.766    | 45.192  | 75.32  |
| 1-1/4   | X    | X    | X  | 4.173    | 50.076  | 83.46  |
| 1-5/16  | X    | X    | X  | 4.600    | 55.200  | 92.00  |
| 1-3/8   | X    | X    | X  | 5.049    | 60.588  | 100.98 |
| 1-7/16  | X    | X    | X  | 5.518    | 66.216  | 110.36 |
| 1-1/2   | X    | X    | X  | 6.008    | 72.096  | 120.16 |
| 1-9/16  | X    | X    | X  | 6.520    | 78.240  | 130.40 |
| 1-5/8   | X    | X    | X  | 7.052    | 84.624  | 141.04 |
| 1-11/16 | X    | X    | X  | 7.604    | 91.248  | 152.08 |
| 1-3/4   | X    | X    | X  | 8.178    | 98.136  | 163.56 |
| 1-13/16 | X    | X    | X  | 8.773    | 105.276 | 175.46 |
| 1-7/8   | X    | X    | X  | 9.338    | 112.056 | 186.76 |
| 1-15/16 | X    | X    | X  | 10.020   | 120.240 | 200.40 |
| 2       | X    | X    | X  | 10.680   | 128.160 | 213.60 |
| 2-1/16  | X    | X    | X  | 11.360   | 136.320 | 227.20 |
| 2-1/8   | X    | X    | X  | 12.060   | 144.720 | 241.20 |
| 2-3/16  | X    | X    | X  | 12.780   | 153.360 | 255.60 |
| 2-1/4   | X    | X    | X  | 13.520   | 162.240 | 270.40 |

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**COLD FINISHED ROUNDS**  
**C1018, C1045, StressProof, Length 12', 20'**

| Size    | 1018 | 1045 | SP | Lbs./Ft. | #/12'    | #/20'   |
|---------|------|------|----|----------|----------|---------|
| 2-5/16  | X    | X    | X  | 14.280   | 171.360  | 285.60  |
| 2-3/8   | X    | X    | X  | 15.060   | 180.720  | 301.20  |
| 2-7/16  | X    | X    | X  | 15.870   | 190.440  | 317.40  |
| 2-1/2   | X    | X    | X  | 16.690   | 200.280  | 333.80  |
| 2-9/16  | X    |      | X  | 17.530   | 210.360  | 350.60  |
| 2-5/8   | X    | X    | X  | 18.400   | 220.800  | 368.00  |
| 2-11/16 | X    | X    | X  | 19.290   | 231.480  | 385.80  |
| 2-3/4   | X    | X    | X  | 20.190   | 242.280  | 403.80  |
| 2-13/16 | X    | X    |    | 21.120   | 253.440  | 422.40  |
| 2-7/8   | X    | X    | X  | 22.070   | 264.840  | 441.40  |
| 2-15/16 | X    | X    | X  | 23.040   | 276.480  | 460.80  |
| 3       | X    | X    | X  | 24.030   | 288.360  | 480.60  |
| 3-1/8   | X    | X    | X  | 26.080   | 312.960  | 521.60  |
| 3-3/16  | X    | X    |    | 27.130   | 325.560  | 542.60  |
| 3-1/4   | X    | X    | X  | 28.210   | 338.520  | 564.20  |
| 3-5/16  | X    |      |    | 29.300   | 351.600  | 586.00  |
| 3-3/8   | X    | X    | X  | 30.420   | 365.040  | 608.40  |
| 3-7/16  | X    | X    |    | 31.550   | 378.600  | 631.00  |
| 3-1/2   | X    | X    | X  | 32.710   | 392.520  | 654.20  |
| 3-5/8   | X    | X    | X  | 35.090   | 421.080  | 701.80  |
| 3-11/16 | X    | X    |    | 36.310   | 435.720  | 726.20  |
| 3-3/4   | X    | X    | X  | 37.550   | 450.600  | 751.00  |
| 3-7/8   | X    | X    | X  | 40.100   | 481.200  | 802.00  |
| 3-15/16 | X    | X    |    | 41.400   | 496.800  | 828.00  |
| 4       | X    | X    | X  | 42.730   | 512.760  | 854.60  |
| 4-1/8   | X    | X    | X  | 45.440   | 545.280  | 908.80  |
| 4-1/4   | X    | X    | X  | 48.230   | 578.760  | 964.60  |
| 4-3/8   | X    | X    | X  | 51.110   | 613.320  | 1022.20 |
| 4-7/16  | X    | X    |    | 52.580   | 630.960  | 1051.60 |
| 4-1/2   | X    | X    | X  | 54.080   | 648.960  | 1081.60 |
| 4-5/8   | X    | X    |    | 57.120   | 685.440  | 1142.40 |
| 4-3/4   | X    | X    |    | 60.250   | 723.000  | 1205.00 |
| 4-7/8   | X    |      |    | 63.460   | 761.520  | 1269.20 |
| 4-15/16 | X    | X    |    | 65.100   | 781.200  | 1302.00 |
| 5       | X    | X    |    | 66.760   | 801.120  | 1335.20 |
| 5-1/8   | X    |      |    | 70.140   | 841.680  | 1402.80 |
| 5-1/4   | X    | X    |    | 73.600   | 883.200  | 1472.00 |
| 5-3/8   | X    |      |    | 77.150   | 925.800  | 1543.00 |
| 5-1/2   | X    | X    |    | 80.780   | 969.360  | 1615.60 |
| 5-5/8   | X    |      |    | 84.490   | 1013.880 | 1689.80 |
| 5-3/4   | X    | X    |    | 88.290   | 1059.480 | 1765.80 |
| 5-7/8   | X    |      |    | 92.170   | 1106.040 | 1843.40 |
| 6       | X    | X    |    | 96.130   | 1153.560 | 1922.60 |
| 6-1/4   | X    | X    |    | 104.300  | 1251.600 | 2086.00 |
| 6-1/2   | X    | X    |    | 112.800  | 1353.600 | 2256.00 |
| 7       | X    | X    |    | 130.800  | 1569.600 | 2616.00 |
| 7-1/2   | X    | X    |    | 150.200  | 1802.400 | 3004.00 |
| 8       | X    | X    |    | 170.900  | 2050.800 | 3418.00 |

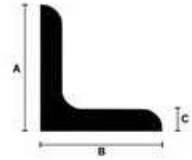
**COLD FINISHED SQUARES**  
**C1018, ASTM A-108, Length 12'**

| Size   | Lbs./Ft. | Lbs./12' |
|--------|----------|----------|
| 1/8    | .053     | .636     |
| 3/16   | .120     | 1.440    |
| 1/4    | .213     | 2.556    |
| 5/16   | .332     | 3.984    |
| 3/8    | .478     | 5.736    |
| 7/16   | .651     | 7.812    |
| 1/2    | .850     | 10.200   |
| 9/16   | 1.076    | 12.912   |
| 5/8    | 1.328    | 15.936   |
| 11/16  | 1.607    | 19.284   |
| 3/4    | 1.913    | 22.956   |
| 13/16  | 2.245    | 26.940   |
| 7/8    | 2.603    | 31.236   |
| 15/16  | 2.988    | 35.856   |
| 1      | 3.400    | 40.800   |
| 1-1/8  | 4.303    | 51.636   |
| 1-3/16 | 4.795    | 57.540   |
| 1-1/4  | 5.313    | 63.756   |
| 1-5/16 | 5.857    | 70.284   |
| 1-3/8  | 6.428    | 77.136   |
| 1-7/16 | 7.026    | 84.312   |
| 1-1/2  | 7.650    | 91.800   |
| 1-9/16 | 8.301    | 99.612   |
| 1-5/8  | 8.978    | 107.736  |
| 1-3/4  | 10.410   | 124.920  |
| 1-7/8  | 11.950   | 143.400  |
| 2      | 13.600   | 163.200  |
| 2-1/8  | 15.350   | 184.200  |
| 2-1/4  | 17.210   | 206.520  |
| 2-3/8  | 19.180   | 230.160  |
| 2-1/2  | 21.250   | 255.000  |
| 2-3/4  | 25.710   | 308.520  |
| 3      | 30.600   | 367.200  |
| 3-1/4  | 35.910   | 430.920  |
| 3-1/2  | 41.650   | 499.800  |
| 3-3/4  | 47.810   | 573.720  |
| 4      | 54.400   | 652.800  |
| 4-1/2  | 68.850   | 826.200  |
| 5      | 85.000   | 1020.000 |
| 5-1/2  | 102.850  | 1234.200 |
| 6      | 122.400  | 1468.800 |

**COLD FINISHED HEXAGONS**  
**C1018, ASTM A-108, Length 12'**

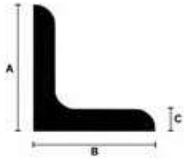
| Size    | Lbs./Ft. | Lbs./12' |
|---------|----------|----------|
| 1/4     | .184     | 2.208    |
| 5/16    | .288     | 3.456    |
| 3/8     | .414     | 4.968    |
| 7/16    | .564     | 6.768    |
| 1/2     | .736     | 8.832    |
| 9/16    | .932     | 11.184   |
| 5/8     | 1.150    | 13.800   |
| 11/16   | 1.392    | 16.704   |
| 3/4     | 1.656    | 19.872   |
| 13/16   | 1.944    | 23.328   |
| 7/8     | 2.254    | 27.048   |
| 15/16   | 2.588    | 31.056   |
| 1       | 2.944    | 35.328   |
| 1-1/16  | 3.324    | 39.888   |
| 1-1/8   | 3.727    | 44.724   |
| 1-3/16  | 4.152    | 49.824   |
| 1-1/4   | 4.601    | 55.212   |
| 1-5/16  | 5.072    | 60.864   |
| 1-3/8   | 5.567    | 66.804   |
| 1-7/16  | 6.084    | 73.008   |
| 1-1/2   | 6.625    | 79.500   |
| 1-5/8   | 7.775    | 93.300   |
| 1-11/16 | 8.385    | 100.620  |
| 1-3/4   | 9.017    | 108.204  |
| 1-7/8   | 10.350   | 124.200  |
| 2       | 11.780   | 141.360  |
| 2-1/8   | 13.300   | 159.600  |
| 2-1/4   | 14.910   | 178.920  |
| 2-3/8   | 16.610   | 199.320  |
| 2-1/2   | 18.400   | 220.800  |
| 2-5/8   | 20.290   | 243.480  |
| 2-3/4   | 22.270   | 267.240  |
| 3       | 26.500   | 318.000  |
| 3-1/4   | 31.100   | 373.200  |
| 3-1/2   | 36.070   | 432.840  |
| 3-3/4   | 41.410   | 496.920  |
| 4       | 47.110   | 565.320  |

**ANGLES – BAR SIZE**  
**ASTM A-36, Length 20' (also available 40')**



| (A)   | Size |       |   | Lbs./Ft. | Lbs./20' |       |
|-------|------|-------|---|----------|----------|-------|
|       | (B)  | (C)   |   |          |          |       |
| 1/2   | X    | 1/2   | X | 1/8      | .38      | 7.60  |
| 5/8   | X    | 5/8   | X | 1/8      | .48      | 9.60  |
| 3/4   | X    | 3/4   | X | 1/8      | .59      | 11.80 |
| 7/8   | X    | 7/8   | X | 1/8      | .70      | 14.00 |
| 1     | X    | 5/8   | X | 1/8      | .64      | 12.80 |
| 1     | X    | 3/4   | X | 1/8      | .70      | 14.00 |
| 1     | X    | 1     | X | 1/8      | .80      | 16.00 |
|       |      |       |   | 3/16     | 1.16     | 23.20 |
|       |      |       |   | 1/4      | 1.49     | 29.80 |
| 1-1/4 | X    | 1-1/4 | X | 1/8      | 1.01     | 20.20 |
|       |      |       |   | 3/16     | 1.48     | 29.60 |
|       |      |       |   | 1/4      | 1.92     | 38.40 |
| 1-3/8 | X    | 7/8   | X | 1/8      | .91      | 18.20 |
|       |      |       |   | 3/16     | 1.32     | 26.40 |
| 1-1/2 | X    | 1-1/4 | X | 3/16     | 1.65     | 33.00 |
| 1-1/2 | X    | 1-1/2 | X | 1/8      | 1.23     | 24.60 |
|       |      |       |   | 3/16     | 1.80     | 36.00 |
|       |      |       |   | 1/4      | 2.34     | 46.80 |
| 1-3/4 | X    | 1-1/4 | X | 1/8      | 1.23     | 24.60 |
|       |      |       |   | 3/16     | 1.80     | 36.00 |
|       |      |       |   | 1/4      | 2.34     | 46.80 |
| 1-3/4 | X    | 1-3/4 | X | 1/8      | 1.44     | 28.80 |
|       |      |       |   | 3/16     | 2.12     | 42.40 |
|       |      |       |   | 1/4      | 2.77     | 55.40 |
| 2     | X    | 1-1/4 | X | 3/16     | 1.96     | 39.20 |
|       |      |       |   | 1/4      | 2.55     | 51.00 |
| 2     | X    | 1-1/2 | X | 1/8      | 1.44     | 28.80 |
|       |      |       |   | 3/16     | 2.12     | 42.40 |
|       |      |       |   | 1/4      | 2.77     | 55.40 |
| 2     | X    | 2     | X | 1/8      | 1.65     | 33.00 |
|       |      |       |   | 3/16     | 2.44     | 48.80 |
|       |      |       |   | 1/4      | 3.19     | 63.80 |
|       |      |       |   | 5/16     | 3.92     | 78.40 |
|       |      |       |   | 3/8      | 4.70     | 94.00 |

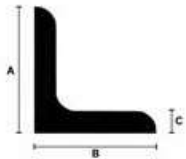
(continued on next page)



### ANGLES – BAR SIZE

**ASTM A-36, Length 20' (also available 40')**

| (A)   | Size |       | (C)    | Lbs./Ft. | Lbs./20' |
|-------|------|-------|--------|----------|----------|
|       | (B)  |       |        |          |          |
| 2-1/2 | X    | 1-1/2 | X 3/16 | 2.44     | 48.80    |
|       |      |       | 1/4    | 3.19     | 63.80    |
|       |      |       | 5/16   | 2.75     | 78.40    |
| 2-1/2 | X    | 2     | X 3/16 | 2.75     | 55.00    |
|       |      |       | 1/4    | 3.62     | 72.40    |
|       |      |       | 5/16   | 4.50     | 90.00    |
|       |      |       | 3/8    | 5.30     | 106.00   |
| 2-1/2 | X    | 2-1/2 | X 3/16 | 3.07     | 61.40    |
|       |      |       | 1/4    | 4.10     | 82.00    |
|       |      |       | 5/16   | 5.00     | 100.00   |
|       |      |       | 3/8    | 5.90     | 118.00   |
|       |      |       | 1/2    | 7.70     | 154.00   |



### ANGLES - STRUCTURAL

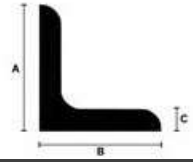
**ASTM A-36, Length 20' (also available 40')**

| (A)   | Size |       | (C)    | Lbs./Ft. | Lbs./20' |
|-------|------|-------|--------|----------|----------|
|       | (B)  |       |        |          |          |
| 3     | X    | 2     | X 3/16 | 3.07     | 61.40    |
|       |      |       | 1/4    | 4.10     | 82.00    |
|       |      |       | 5/16   | 5.00     | 100.00   |
|       |      |       | 3/8    | 5.90     | 118.00   |
|       |      |       | 1/2    | 7.70     | 154.00   |
| 3     | X    | 2-1/2 | X 3/16 | 3.39     | 67.80    |
|       |      |       | 1/4    | 4.50     | 90.00    |
|       |      |       | 5/16   | 5.60     | 112.00   |
|       |      |       | 3/8    | 6.60     | 132.00   |
| 3     | X    | 3     | X 3/16 | 3.71     | 74.20    |
|       |      |       | 1/4    | 4.90     | 98.00    |
|       |      |       | 5/16   | 6.10     | 122.00   |
|       |      |       | 3/8    | 7.20     | 144.00   |
|       |      |       | 1/2    | 9.40     | 188.00   |
| 3-1/2 | X    | 2-1/2 | X 1/4  | 4.90     | 98.00    |
|       |      |       | 5/16   | 6.10     | 122.00   |
|       |      |       | 3/8    | 7.20     | 144.00   |
|       |      |       | 1/2    | 9.40     | 188.00   |

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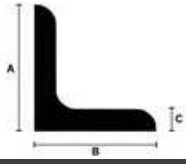
## ANGLES - STRUCTURAL

### ASTM A-36, Length 20' (also available 40')



| (A)   | Size |       |   | (C)  | Lbs./Ft. | Lbs./20' |
|-------|------|-------|---|------|----------|----------|
|       | (B)  |       |   |      |          |          |
| 3-1/2 | X    | 3     | X | 1/4  | 5.40     | 108.00   |
|       |      |       |   | 5/16 | 6.60     | 132.00   |
|       |      |       |   | 3/8  | 4.90     | 158.00   |
|       |      |       |   | 1/2  | 10.20    | 204.00   |
| 3-1/2 | X    | 3-1/2 | X | 1/4  | 5.80     | 116.00   |
|       |      |       |   | 5/16 | 7.20     | 144.00   |
|       |      |       |   | 3/8  | 8.50     | 170.00   |
|       |      |       |   | 1/2  | 11.10    | 222.00   |
| 4     | X    | 3     | X | 1/4  | 5.80     | 116.00   |
|       |      |       |   | 5/16 | 7.20     | 144.00   |
|       |      |       |   | 3/8  | 8.50     | 170.00   |
|       |      |       |   | 1/2  | 11.10    | 222.00   |
| 4     | X    | 3-1/2 | X | 1/4  | 6.20     | 124.00   |
|       |      |       |   | 5/16 | 7.70     | 154.00   |
|       |      |       |   | 3/8  | 9.10     | 182.00   |
|       |      |       |   | 1/2  | 11.90    | 238.00   |
| 4     | X    | 4     | X | 1/4  | 6.60     | 132.00   |
|       |      |       |   | 5/16 | 8.20     | 164.00   |
|       |      |       |   | 3/8  | 9.80     | 196.00   |
|       |      |       |   | 1/2  | 12.80    | 256.00   |
|       |      |       |   | 5/8  | 15.70    | 314.00   |
|       |      |       |   | 3/4  | 18.50    | 370.00   |
| 5     | X    | 3     | X | 1/4  | 6.60     | 132.00   |
|       |      |       |   | 5/16 | 8.20     | 164.00   |
|       |      |       |   | 3/8  | 9.80     | 196.00   |
|       |      |       |   | 1/2  | 12.80    | 256.00   |
| 5     | X    | 3-1/2 | X | 1/4  | 7.00     | 140.00   |
|       |      |       |   | 5/16 | 8.70     | 174.00   |
|       |      |       |   | 3/8  | 10.40    | 208.00   |
|       |      |       |   | 1/2  | 13.60    | 272.00   |
|       |      |       |   | 5/8  | 16.80    | 336.00   |
|       |      |       |   | 3/4  | 19.80    | 396.00   |
| 5     | X    | 5     | X | 5/16 | 10.30    | 206.00   |
|       |      |       |   | 3/8  | 12.30    | 246.00   |
|       |      |       |   | 1/2  | 16.20    | 324.00   |
|       |      |       |   | 5/8  | 20.00    | 400.00   |
|       |      |       |   | 3/4  | 23.60    | 472.00   |

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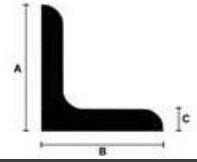
## ANGLES - STRUCTURAL

### ASTM A-36. Length 20' (also available 40')

| (A) | Size |       | (C)    | Lbs./Ft. | Lbs./20' |
|-----|------|-------|--------|----------|----------|
|     | (B)  |       |        |          |          |
| 6   | X    | 3-1/2 | X 1/4  | 7.90     | 158.00   |
|     |      |       | 5/16   | 9.80     | 196.00   |
|     |      |       | 3/8    | 11.70    | 234.00   |
|     |      |       | 1/2    | 15.30    | 306.00   |
| 6   | X    | 4     | X 1/4  | 8.30     | 166.00   |
|     |      |       | 5/16   | 10.30    | 206.00   |
|     |      |       | 3/8    | 12.30    | 246.00   |
|     |      |       | 1/2    | 16.20    | 324.00   |
|     |      |       | 5/8    | 20.00    | 400.00   |
|     |      |       | 3/4    | 23.60    | 472.00   |
| 6   | X    | 6     | X 5/16 | 12.40    | 248.00   |
|     |      |       | 3/8    | 14.90    | 298.00   |
|     |      |       | 1/2    | 19.60    | 392.00   |
|     |      |       | 5/8    | 24.20    | 484.00   |
|     |      |       | 3/4    | 28.70    | 574.00   |
|     |      |       | 7/8    | 33.10    | 662.00   |
|     |      |       | 1      | 37.40    | 748.00   |
| 7   | X    | 4     | X 3/8  | 13.60    | 272.00   |
|     |      |       | 1/2    | 17.90    | 358.00   |
|     |      |       | 5/8    | 22.10    | 442.00   |
|     |      |       | 3/4    | 26.20    | 524.00   |
| 8   | X    | 4     | X 1/2  | 19.60    | 392.00   |
|     |      |       | 3/4    | 28.70    | 574.00   |
| 8   | X    | 6     | X 1/2  | 23.00    | 460.00   |
|     |      |       | 3/4    | 33.80    | 676.00   |
|     |      |       | 1      | 44.20    | 884.00   |
| 8   | X    | 8     | X 1/2  | 26.40    | 528.00   |
|     |      |       | 5/8    | 32.70    | 654.00   |
|     |      |       | 3/4    | 38.90    | 778.00   |
|     |      |       | 1      | 51.00    | 1020.00  |
| 9   | X    | 4     | X 1/2  | 21.30    | 426.00   |



## ANGLES - GALVANIZED ASTM A-36, Length 20'

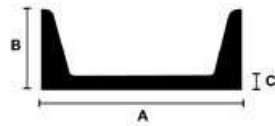


| (A)   | X | Size<br>(B) | X | (C)  | Lbs./Ft. | Lbs./20' |
|-------|---|-------------|---|------|----------|----------|
| 1     | X | 1           | X | 1/8  | .84      | 16.80    |
| 1-1/2 | X | 1-1/2       | X | 1/8  | 1.29     | 25.80    |
|       |   |             |   | 3/16 | 1.86     | 37.20    |
|       |   |             |   | 1/4  | 2.40     | 48.00    |
| 2     | X | 2           | X | 1/8  | 1.73     | 34.60    |
|       |   |             |   | 3/16 | 2.52     | 50.40    |
|       |   |             |   | 1/4  | 3.27     | 65.40    |



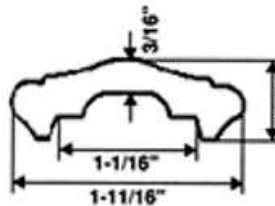
### CHANNELS – BAR SIZE ASTM A-36, Length 20'

| Size  |        |        |  |      | Lbs./Ft. | Lbs./20' |
|-------|--------|--------|--|------|----------|----------|
| (A)   | (B)    | (C)    |  |      |          |          |
| 3/4   | X 3/8  | X 1/8  |  | .56  | 11.20    |          |
| 1     | X 1/2  | X 1/8  |  | .84  | 16.80    |          |
| 1-1/4 | X 1/2  | X 1/8  |  | 1.01 | 20.20    |          |
| 1-1/2 | X 1/2  | X 1/8  |  | 1.12 | 22.40    |          |
| 1/1/2 | X 9/16 | X 3/16 |  | 1.44 | 28.80    |          |
| 2     | X 1/2  | X 1/8  |  | 1.43 | 28.60    |          |
| 2     | X 9/16 | X 3/16 |  | 1.86 | 37.20    |          |
| 2     | X 5/8  | X 1/4  |  | 2.28 | 45.60    |          |
| 2     | X 1    | X 1/8  |  | 1.59 | 31.80    |          |
| 2     | X 1    | X 3/16 |  | 2.32 | 46.40    |          |
| 2-1/2 | X 5/8  | X 3/16 |  | 2.27 | 45.40    |          |



### CHANNELS – JUNIOR/STAIR STRINGER ASTM A-36, Length 20'

| Size (A) |   | Lbs./Ft. | Flange Width (B) | Web Thickness (C) | Lbs./20' |
|----------|---|----------|------------------|-------------------|----------|
| 10       | X | 6.5      | 1.125            | .150              | 130.0    |
| 10       | X | 8.4      | 1.500            | .170              | 168.0    |
| 12       | X | 10.6     | 1.500            | .190              | 212.0    |



### HANDRAIL/CAP CHANNELS ASTM A-36, Length 20'

| Size          | Lbs./Ft. | Flange Width | Web Thickness | Lbs./20' |
|---------------|----------|--------------|---------------|----------|
| 1-1/16 (I.D.) | 1.270    | .180         | .200          | 25.40    |

**CHANNELS – SHIP & CAR / MC CHANNEL**  
**ASTM A-36/A-992/A572 GR. 50**  
**Length 20' (some available 40')**



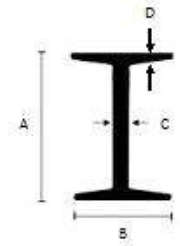
| Size (A) |   | Lbs./Ft. | Flange Width (B) | Web Thickness (C) | Lbs./20' |
|----------|---|----------|------------------|-------------------|----------|
| 3        | X | 7.1      | 1.938            | .312              | 142.0    |
| 4        | X | 13.8     | 2.500            | .500              | 276.0    |
| 6        | X | 12       | 2.497            | .310              | 240.0    |
|          |   | 15.3     | 3.500            | .340              | 306.0    |
|          |   | 16.3     | 3.000            | .375              | 326.0    |
|          |   | 18       | 3.504            | .379              | 360.0    |
| 7        | X | 19.1     | 3.452            | .352              | 382.0    |
|          |   | 22.7     | 3.603            | .503              | 454.0    |
| 8        | X | 18.7     | 2.978            | .353              | 374.0    |
|          |   | 20       | 3.025            | .400              | 400.0    |
|          |   | 21.4     | 3.450            | .375              | 428.0    |
|          |   | 22.8     | 3.502            | .427              | 456.0    |
| 9        | X | 23.9     | 3.450            | .400              | 478.0    |
|          |   | 25.4     | 3.500            | .450              | 508.0    |
| 10       | X | 22       | 3.315            | .290              | 440.0    |
|          |   | 28.5     | 3.950            | .425              | 570.0    |
|          |   | 33.6     | 4.100            | .575              | 672.0    |
|          |   | 41.1     | 4.320            | .794              | 822.0    |
| 12       | X | 35       | 3.767            | .467              | 700.0    |
|          |   | 45       | 4.012            | .712              | 900.0    |
|          |   | 50       | 4.135            | .835              | 1000.0   |
| 13       | X | 31.8     | 4.000            | .375              | 636.0    |
|          |   | 40       | 4.185            | .560              | 800.0    |
|          |   | 50       | 4.412            | .787              | 1000.0   |
| 18       | X | 42.7     | 3.950            | .450              | 854.0    |
|          |   | 45.8     | 4.000            | .500              | 916.0    |
|          |   | 51.9     | 4.100            | .600              | 1038.0   |
|          |   | 58       | 4.200            | .700              | 1160.0   |



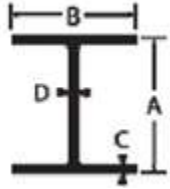
**CHANNELS - STRUCTURAL**  
**ASTM A-36/A572 Gr. 50**  
**Length 20' (some available 40')**

| Size (A) |   | Lbs./Ft. | Flange Width (B) | Web Thickness (C) | Lbs./20' |
|----------|---|----------|------------------|-------------------|----------|
| 3        | X | 3.5      | 1.375            | .145              | 70.0     |
|          |   | 4.1      | 1.410            | .170              | 82.0     |
|          |   | 5        | 1.498            | .258              | 100.0    |
|          |   | 6        | 1.596            | .356              | 120.0    |
| 4        | X | 4.5      | 1.584            | .158              | 90.0     |
|          |   | 5.4      | 1.584            | .184              | 108.0    |
|          |   | 6.25     | 1.647            | .247              | 125.0    |
|          |   | 7.25     | 1.721            | .321              | 145.0    |
| 5        | X | 6.7      | 1.750            | .190              | 134.0    |
|          |   | 9        | 1.885            | .325              | 180.0    |
| 6        | X | 8.2      | 1.920            | .200              | 164.0    |
|          |   | 10.5     | 2.034            | .314              | 210.0    |
|          |   | 13       | 2.157            | .437              | 260.0    |
| 7        | X | 9.8      | 2.090            | .210              | 196.0    |
|          |   | 12.25    | 2.194            | .314              | 245.0    |
|          |   | 14.75    | 2.299            | .419              | 295.0    |
| 8        | X | 8.5      | 1.874            | .179              | 170.0    |
|          |   | 11.5     | 2.260            | .220              | 230.0    |
|          |   | 13.75    | 2.343            | .303              | 275.0    |
|          |   | 18.75    | 2.527            | .487              | 375.0    |
| 9        | X | 13.4     | 2.433            | .233              | 268.0    |
|          |   | 15       | 2.485            | .285              | 300.0    |
| 10       | X | 15.3     | 2.600            | .240              | 306.0    |
|          |   | 20       | 2.739            | .379              | 400.0    |
|          |   | 25       | 2.886            | .526              | 500.0    |
|          |   | 30       | 3.033            | .673              | 600.0    |
| 12       | X | 20.7     | 2.942            | .282              | 414.0    |
|          |   | 25       | 3.047            | .387              | 500.0    |
|          |   | 30       | 3.170            | .510              | 600.0    |
| 15       | X | 33.9     | 3.400            | .400              | 678.0    |
|          |   | 40       | 3.520            | .520              | 800.0    |
|          |   | 50       | 3.716            | .716              | 1000.0   |

**STANDARD BEAMS**  
**Structural, "S" Beams, ASTM A-36**  
**Length 20' (many available 30', 40', 50', 60')**  
**(Also available cut to length)**



| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 3    | 5.70     | 3.00      | 2.330            | .260                 | .170              |
|      | 7.50     | 3.00      | 2.509            | .260                 | .349              |
| 4    | 7.70     | 4.00      | 2.663            | .293                 | .193              |
|      | 9.50     | 4.00      | 2.796            | .293                 | .326              |
| 5    | 10.00    | 5.00      | 3.000            | .326                 | .214              |
| 6    | 12.50    | 6.00      | 3.332            | .359                 | .232              |
|      | 17.25    | 6.00      | 3.565            | .359                 | .465              |
| 7    | 15.30    | 7.00      | 3.662            | .392                 | .252              |
|      | 20.00    | 7.00      | 3.860            | .392                 | .450              |
| 8    | 18.40    | 8.00      | 4.001            | .426                 | .271              |
|      | 23.00    | 8.00      | 4.171            | .426                 | .441              |
| 10   | 25.40    | 10.00     | 4.661            | .491                 | .311              |
|      | 35.00    | 10.00     | 4.944            | .491                 | .594              |
| 12   | 31.80    | 12.00     | 5.000            | .544                 | .350              |
|      | 35.00    | 12.00     | 5.078            | .544                 | .428              |
|      | 40.80    | 12.00     | 5.252            | .659                 | .462              |
|      | 50.00    | 12.00     | 5.477            | .659                 | .687              |
| 15   | 42.90    | 15.00     | 5.501            | .622                 | .411              |
|      | 50.00    | 15.00     | 5.640            | .622                 | .550              |
| 18   | 54.70    | 18.00     | 6.001            | .691                 | .461              |
|      | 70.00    | 18.00     | 6.251            | .691                 | .711              |
| 20   | 66.00    | 20.00     | 6.255            | .795                 | .505              |
|      | 75.00    | 20.00     | 6.385            | .795                 | .635              |
|      | 86.00    | 20.25     | 7.060            | .920                 | .660              |
|      | 96.00    | 20.25     | 7.200            | .920                 | .800              |
| 24   | 80.00    | 24.00     | 7.000            | .870                 | .500              |
|      | 100.00   | 24.00     | 7.245            | .870                 | .745              |
|      | 106.00   | 24.50     | 7.870            | 1.090                | .620              |
|      | 121.00   | 24.50     | 8.050            | 1.090                | .800              |

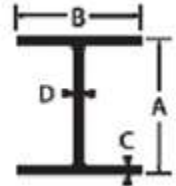


**WIDE FLANGE BEAMS**  
**“W” Beams, ASTM A-36/ASTM A-992**  
**Length 20’ (many available in 5’ increments to 60’)**  
**(Also available cut to length)**

| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 4    | 13       | 4.16      | 4.060            | .345                 | .280              |
| 5    | 16       | 5.01      | 5.000            | .360                 | .240              |
|      | 19       | 5.15      | 5.030            | .430                 | .270              |
| 6    | 9        | 5.90      | 3.940            | .215                 | .170              |
|      | 12       | 6.03      | 4.000            | .280                 | .230              |
|      | 15       | 5.99      | 5.990            | .260                 | .230              |
|      | 16       | 6.28      | 4.030            | .405                 | .260              |
|      | 20       | 6.20      | 6.020            | .365                 | .260              |
|      | 25       | 6.38      | 6.080            | .455                 | .320              |
| 8    | 10       | 7.89      | 3.940            | .205                 | .170              |
|      | 13       | 7.99      | 4.000            | .255                 | .230              |
|      | 15       | 8.11      | 4.015            | .315                 | .245              |
|      | 18       | 8.14      | 5.250            | .330                 | .230              |
|      | 21       | 8.28      | 5.270            | .400                 | .250              |
|      | 24       | 7.93      | 6.495            | .400                 | .245              |
|      | 28       | 8.06      | 6.535            | .465                 | .285              |
|      | 31       | 8.00      | 7.995            | .435                 | .285              |
|      | 35       | 8.12      | 8.020            | .495                 | .310              |
|      | 40       | 8.25      | 8.070            | .560                 | .360              |
|      | 48       | 8.50      | 8.110            | .685                 | .400              |
|      | 58       | 8.75      | 8.220            | .810                 | .510              |
|      | 67       | 9.00      | 8.280            | .935                 | .570              |
| 10   | 12       | 9.87      | 3.960            | .210                 | .190              |
|      | 15       | 9.99      | 4.000            | .270                 | .230              |
|      | 17       | 10.11     | 4.010            | .330                 | .240              |
|      | 19       | 10.24     | 4.020            | .395                 | .250              |
|      | 22       | 10.17     | 5.750            | .360                 | .240              |
|      | 26       | 10.33     | 5.770            | .440                 | .260              |
|      | 30       | 10.47     | 5.810            | .510                 | .300              |
|      | 33       | 9.73      | 7.960            | .435                 | .290              |
|      | 39       | 9.92      | 7.985            | .530                 | .315              |
|      | 45       | 10.10     | 8.020            | .620                 | .350              |
|      | 49       | 9.98      | 10.000           | .560                 | .340              |
|      | 54       | 10.09     | 10.030           | .615                 | .370              |
|      | 60       | 10.22     | 10.080           | .680                 | .420              |
|      | 68       | 10.40     | 10.130           | .770                 | .470              |
| 77   | 10.60    | 10.190    | .870             | .530                 |                   |
| 88   | 10.84    | 10.265    | .990             | .605                 |                   |
| 100  | 11.10    | 10.340    | 1.120            | .680                 |                   |
| 112  | 11.36    | 10.415    | 1.250            | .755                 |                   |

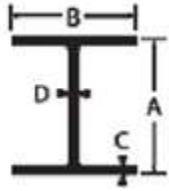
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**WIDE FLANGE BEAMS**  
**“W” Beams, ASTM A-36/ASTM A-992**  
**Length 20’ (many available in 5’ increments to 60’)**  
**(Also available cut to length)**



| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 12   | 14       | 11.91     | 3.970            | .225                 | .200              |
|      | 16       | 11.99     | 3.990            | .265                 | .220              |
|      | 19       | 12.16     | 4.005            | .350                 | .235              |
|      | 22       | 12.31     | 4.030            | .425                 | .260              |
|      | 26       | 12.22     | 6.490            | .380                 | .230              |
|      | 30       | 12.34     | 6.520            | .440                 | .260              |
|      | 35       | 12.50     | 6.560            | .520                 | .300              |
|      | 40       | 11.94     | 8.005            | .515                 | .295              |
|      | 45       | 12.06     | 8.045            | .575                 | .335              |
|      | 50       | 12.19     | 8.080            | .640                 | .370              |
|      | 53       | 12.06     | 9.995            | .575                 | .345              |
|      | 58       | 12.19     | 10.010           | .640                 | .360              |
|      | 65       | 12.12     | 12.000           | .605                 | .390              |
|      | 72       | 12.25     | 12.040           | .670                 | .430              |
|      | 79       | 12.38     | 12.080           | .735                 | .470              |
|      | 87       | 12.53     | 12.125           | .810                 | .515              |
|      | 96       | 12.71     | 12.160           | .900                 | .550              |
|      | 106      | 12.89     | 12.220           | .990                 | .610              |
|      | 120      | 13.12     | 12.320           | 1.105                | .710              |
|      | 136      | 13.41     | 12.400           | 1.250                | .790              |
|      | 152      | 13.71     | 12.480           | 1.400                | .870              |
|      | 170      | 14.03     | 12.570           | 1.560                | .960              |
|      | 190      | 14.38     | 12.670           | 1.735                | 1.060             |
|      | 210      | 14.71     | 12.790           | 1.900                | 1.180             |
|      | 230      | 15.05     | 12.895           | 2.070                | 1.285             |
|      | 252      | 15.41     | 13.005           | 2.250                | 1.395             |
| 279  | 15.85    | 13.140    | 2.470            | 1.530                |                   |
| 305  | 16.32    | 13.235    | 2.705            | 1.625                |                   |
| 336  | 16.82    | 13.385    | 2.955            | 1.775                |                   |
| 14   | 22       | 13.74     | 5.000            | .335                 | .230              |
|      | 26       | 13.91     | 5.025            | .420                 | .255              |
|      | 30       | 13.84     | 6.730            | .385                 | .270              |
|      | 34       | 13.98     | 6.745            | .455                 | .285              |
|      | 38       | 14.10     | 6.770            | .515                 | .310              |
|      | 43       | 13.66     | 7.995            | .530                 | .305              |
|      | 48       | 13.79     | 8.030            | .595                 | .340              |
|      | 53       | 13.92     | 8.060            | .660                 | .370              |
|      | 61       | 13.89     | 9.995            | .645                 | .375              |
|      | 68       | 14.04     | 10.035           | .720                 | .415              |
|      | 74       | 14.17     | 10.070           | .785                 | .450              |
|      | 82       | 14.31     | 10.130           | .855                 | .510              |

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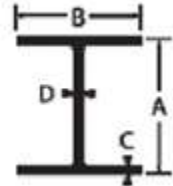
**WIDE FLANGE BEAMS**  
**“W” Beams, ASTM A-36/ASTM A-992**  
**Length 20’ (many available in 5’ increments to 60’)**  
**(Also available cut to length)**

| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 14   | 90       | 14.02     | 14.520           | .710                 | .440              |
|      | 99       | 14.16     | 14.565           | .780                 | .485              |
|      | 109      | 14.32     | 14.605           | .860                 | .525              |
|      | 120      | 14.48     | 14.670           | .940                 | .590              |
|      | 132      | 14.66     | 14.725           | 1.030                | .645              |
|      | 145      | 14.78     | 15.500           | 1.090                | .680              |
|      | 159      | 14.98     | 15.565           | 1.190                | .745              |
|      | 176      | 15.22     | 15.650           | 1.310                | .830              |
|      | 193      | 15.48     | 15.710           | 1.440                | .890              |
|      | 211      | 15.72     | 15.800           | 1.560                | .980              |
|      | 233      | 16.04     | 15.890           | 1.720                | 1.070             |
|      | 257      | 16.38     | 15.995           | 1.890                | 1.175             |
|      | 283      | 16.74     | 16.110           | 2.070                | 1.290             |
|      | 311      | 17.12     | 16.230           | 2.260                | 1.410             |
|      | 342      | 17.54     | 16.360           | 2.470                | 1.540             |
|      | 370      | 17.92     | 16.475           | 2.660                | 1.655             |
|      | 398      | 18.29     | 16.590           | 2.845                | 1.770             |
| 16   | 26       | 15.69     | 5.500            | .345                 | .250              |
|      | 31       | 15.88     | 5.525            | .440                 | .275              |
|      | 36       | 15.86     | 6.985            | .430                 | .295              |
|      | 40       | 16.01     | 6.995            | .505                 | .305              |
|      | 45       | 16.13     | 7.035            | .565                 | .345              |
|      | 50       | 16.26     | 7.070            | .630                 | .380              |
|      | 57       | 16.43     | 7.120            | .715                 | .430              |
|      | 67       | 16.33     | 10.235           | .665                 | .395              |
|      | 77       | 16.52     | 10.295           | .760                 | .455              |
|      | 89       | 16.75     | 10.365           | .875                 | .525              |
|      | 100      | 16.97     | 10.425           | .985                 | .585              |
| 18   | 35       | 17.70     | 6.000            | .425                 | .300              |
|      | 40       | 17.90     | 6.015            | .525                 | .315              |
|      | 46       | 18.06     | 6.060            | .605                 | .360              |
|      | 50       | 17.99     | 7.495            | .570                 | .355              |
|      | 55       | 18.11     | 7.530            | .630                 | .390              |
|      | 60       | 18.24     | 7.555            | .695                 | .415              |
|      | 65       | 18.35     | 7.590            | .750                 | .450              |
|      | 71       | 18.47     | 7.635            | .810                 | .495              |
|      | 76       | 18.21     | 11.035           | .680                 | .425              |
|      | 86       | 18.39     | 11.090           | .770                 | .480              |
|      | 97       | 18.59     | 11.145           | .870                 | .535              |
|      | 106      | 18.73     | 11.200           | .940                 | .590              |

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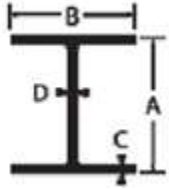


**WIDE FLANGE BEAMS**  
**“W” Beams, ASTM A-36/ASTM A-992**  
**Length 20’ (many available in 5’ increments to 60’)**  
**(Also available cut to length)**



| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 18   | 119      | 18.97     | 11.265           | 1.060                | .655              |
|      | 130      | 19.25     | 11.160           | 1.200                | .670              |
|      | 143      | 19.49     | 11.220           | 1.320                | .730              |
|      | 158      | 19.72     | 11.300           | 1.440                | .810              |
|      | 192      | 20.35     | 11.460           | 1.750                | .960              |
|      | 211      | 20.67     | 11.560           | 1.910                | 1.060             |
|      | 234      | 21.08     | 11.650           | 2.110                | 1.160             |
|      | 258      | 21.46     | 11.770           | 2.300                | 1.280             |
|      | 283      | 21.85     | 11.890           | 2.500                | 1.400             |
|      | 311      | 22.32     | 12.010           | 2.740                | 1.520             |
|      | 21       | 44        | 20.66            | 6.500                | .450              |
| 50   |          | 20.83     | 6.530            | .535                 | .380              |
| 57   |          | 21.06     | 6.555            | .650                 | .405              |
| 62   |          | 20.99     | 8.240            | .615                 | .400              |
| 68   |          | 21.13     | 8.270            | .685                 | .430              |
| 73   |          | 21.24     | 8.295            | .740                 | .455              |
| 83   |          | 21.43     | 8.355            | .835                 | .515              |
| 93   |          | 21.62     | 8.420            | .930                 | .580              |
| 101  |          | 21.36     | 12.290           | .800                 | .500              |
| 111  |          | 21.51     | 12.340           | .875                 | .550              |
| 122  |          | 21.68     | 12.390           | .960                 | .600              |
| 132  |          | 21.83     | 12.440           | 1.035                | .650              |
| 147  |          | 22.06     | 12.510           | 1.150                | .720              |
| 166  |          | 22.48     | 12.420           | 1.360                | .750              |
| 24   |          | 55        | 23.57            | 7.005                | .505              |
|      | 62       | 23.74     | 7.040            | .590                 | .430              |
|      | 68       | 23.73     | 8.965            | .585                 | .415              |
|      | 76       | 23.92     | 8.990            | .680                 | .440              |
|      | 84       | 24.10     | 9.020            | .770                 | .470              |
|      | 94       | 24.31     | 9.065            | .875                 | .515              |
|      | 103      | 24.53     | 9.000            | .980                 | .550              |
|      | 104      | 24.06     | 12.750           | .750                 | .500              |
|      | 117      | 24.26     | 12.800           | .850                 | .550              |
|      | 131      | 24.48     | 12.855           | .960                 | .556              |
|      | 146      | 24.74     | 12.900           | 1.090                | .605              |
|      | 160      | 24.92     | 12.264           | 1.235                | .650              |
|      | 162      | 25.00     | 12.955           | 1.220                | .732              |
|      | 176      | 25.24     | 12.890           | 1.340                | .705              |
|      | 192      | 25.47     | 12.950           | 1.460                | .810              |

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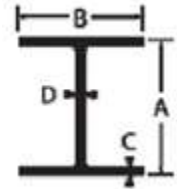


**WIDE FLANGE BEAMS**  
**“W” Beams, ASTM A-36/ASTM A-992**  
**Length 20’ (many available in 5’ increments to 60’)**  
**(Also available cut to length)**

| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 24   | 207      | 25.71     | 13.010           | 1.570                | .870              |
|      | 229      | 26.02     | 13.110           | 1.730                | .960              |
|      | 250      | 26.24     | 13.185           | 1.890                | 1.040             |
| 27   | 84       | 26.71     | 9.960            | .640                 | .460              |
|      | 94       | 26.92     | 9.990            | .745                 | .490              |
|      | 102      | 27.09     | 10.015           | .830                 | .515              |
|      | 114      | 27.29     | 10.070           | .930                 | .570              |
|      | 129      | 27.63     | 10.010           | 1.100                | .610              |
|      | 146      | 27.38     | 13.965           | .975                 | .605              |
|      | 161      | 27.59     | 14.020           | 1.080                | .660              |
|      | 178      | 27.81     | 14.085           | 1.190                | .725              |
|      | 194      | 28.11     | 14.035           | 1.340                | .750              |
|      | 217      | 28.43     | 14.115           | 1.500                | .830              |
|      | 235      | 28.66     | 14.190           | 1.610                | .910              |
|      | 258      | 28.98     | 14.270           | 1.770                | .980              |
|      | 281      | 29.29     | 14.350           | 1.930                | 1.060             |
|      | 307      | 29.61     | 14.445           | 2.090                | 1.160             |
|      | 336      | 30.00     | 14.545           | 2.280                | 1.260             |
| 368  | 30.39    | 14.665    | 2.480            | 1.380                |                   |
| 30   | 90       | 29.53     | 10.400           | .610                 | .470              |
|      | 99       | 29.65     | 10.450           | .670                 | .520              |
|      | 108      | 29.83     | 10.475           | .760                 | .545              |
|      | 116      | 30.01     | 10.495           | .850                 | .565              |
|      | 124      | 30.17     | 10.515           | .930                 | .585              |
|      | 132      | 30.31     | 10.545           | 1.000                | .615              |
|      | 148      | 30.67     | 10.480           | 1.180                | .650              |
|      | 173      | 30.44     | 14.985           | 1.065                | .655              |
|      | 191      | 30.68     | 15.040           | 1.185                | .710              |
|      | 211      | 30.94     | 15.105           | 1.315                | .775              |
|      | 235      | 31.30     | 15.055           | 1.500                | .830              |
|      | 261      | 31.61     | 15.155           | 1.650                | .930              |
|      | 292      | 32.01     | 15.255           | 1.850                | 1.020             |
|      | 326      | 32.40     | 15.370           | 2.050                | 1.140             |
|      | 357      | 32.80     | 15.470           | 2.240                | 1.240             |
| 391  | 33.19    | 15.590    | 2.440            | 1.360                |                   |
| 33   | 118      | 32.86     | 11.480           | .740                 | .550              |
|      | 130      | 33.09     | 11.510           | .855                 | .580              |
|      | 141      | 33.00     | 11.535           | .960                 | .605              |

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**WIDE FLANGE BEAMS**  
**“W” Beams, ASTM A-36/ASTM A-992**  
**Length 20’ (many available in 5’ increments to 60’)**  
**(Also available cut to length)**



| Size | Lbs./Ft. | Depth (A) | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|------|----------|-----------|------------------|----------------------|-------------------|
| 33   | 152      | 33.49     | 11.565           | 1.055                | .635              |
|      | 169      | 33.82     | 11.500           | 1.220                | .670              |
|      | 201      | 33.68     | 15.745           | 1.150                | .715              |
|      | 221      | 33.93     | 15.805           | 1.275                | .775              |
|      | 241      | 34.18     | 15.860           | 1.400                | .830              |
|      | 263      | 34.53     | 15.805           | 1.570                | .870              |
|      | 291      | 34.84     | 15.905           | 1.730                | .960              |
|      | 318      | 35.16     | 15.985           | 1.890                | 1.040             |
|      | 354      | 35.55     | 16.100           | 2.090                | 1.160             |
|      | 387      | 35.95     | 16.200           | 2.280                | 1.260             |
| 36   | 135      | 35.55     | 11.940           | .790                 | .600              |
|      | 150      | 35.85     | 11.975           | .940                 | .625              |
|      | 160      | 36.01     | 12.000           | 1.020                | .650              |
|      | 170      | 36.17     | 12.030           | 1.100                | .680              |
|      | 182      | 36.33     | 12.075           | 1.180                | .725              |
|      | 194      | 36.49     | 12.115           | 1.260                | .765              |
|      | 210      | 36.69     | 12.180           | 1.360                | .830              |
|      | 230      | 35.90     | 16.470           | 1.260                | .760              |
|      | 232      | 37.12     | 12.120           | 1.570                | .870              |
|      | 245      | 36.08     | 16.510           | 1.350                | .800              |
|      | 256      | 37.43     | 12.215           | 1.730                | .960              |
|      | 260      | 36.26     | 16.550           | 1.440                | .840              |
|      | 280      | 36.52     | 16.595           | 1.570                | .885              |
|      | 300      | 36.74     | 16.655           | 1.680                | .945              |
|      | 328      | 37.09     | 16.630           | 1.850                | 1.020             |
|      | 359      | 37.40     | 16.730           | 2.010                | 1.120             |
|      | 393      | 37.80     | 16.830           | 2.200                | 1.220             |
| 40   | 149      | 38.20     | 11.810           | .830                 | .630              |
|      | 167      | 38.59     | 11.810           | 1.025                | .650              |
|      | 183      | 38.98     | 11.810           | 1.220                | .650              |
|      | 199      | 38.67     | 15.750           | 1.065                | .650              |
|      | 211      | 39.37     | 11.810           | 1.415                | .750              |
|      | 215      | 39.98     | 15.750           | 1.220                | .650              |
|      | 235      | 39.69     | 11.890           | 1.575                | .830              |
|      | 249      | 39.38     | 15.750           | 1.420                | .650              |
|      | 264      | 40.00     | 11.930           | 1.730                | .960              |
|      | 277      | 39.69     | 15.830           | 1.575                | .830              |
|      | 294      | 40.39     | 12.008           | 1.929                | 1.059             |
|      | 297      | 39.84     | 15.825           | 1.650                | .930              |
|      | 324      | 40.16     | 15.905           | 1.810                | 1.000             |
|      | 327      | 40.79     | 12.126           | 2.130                | 1.181             |
|      | 362      | 40.55     | 16.020           | 2.010                | 1.120             |
|      | 397      | 40.95     | 16.120           | 2.200                | 1.220             |



**JUNIOR BEAMS**  
**"M" Beams, ASTM A-36**  
**Available in 20', 30', 40', 60'**

| Size (A) | Lbs./Ft. | Flange Width (B) | Flange Thickness (C) | Web Thickness (D) |
|----------|----------|------------------|----------------------|-------------------|
| 3        | 2.9      | 2.250            | .130                 | .090              |
| 4        | 3.2      | 2.250            | .130                 | .092              |
| 6        | 3.7      | 2.000            | .129                 | .098              |
| 6        | 4.4      | 1.844            | .171                 | .114              |
| 8        | 6.5      | 2.281            | .189                 | .135              |
| 10       | 9        | 2.688            | .206                 | .155              |
| 12       | 11.8     | 3.063            | .225                 | .175              |

**SQUARE TUBING**  
**MECHANICAL - ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size  |      |       |   |      | Wall  | I.D.  | A513 | A500 | Lbs./Ft. |
|-------|------|-------|---|------|-------|-------|------|------|----------|
| 3/8   | X    | 3/8   | X | 20ga | .035  | .305  | X    |      | .162     |
|       |      |       |   | 16ga | .065  | .245  | X    |      | .274     |
| 1/2   | X    | 1/2   | X | 20ga | .035  | .430  | X    |      | .221     |
|       |      |       |   | 18ga | .049  | .402  | X    |      | .301     |
|       |      |       |   | 16ga | .065  | .370  | X    |      | .385     |
| 5/8   | X    | 5/8   | X | 20ga | .035  | .555  | X    |      | .281     |
|       |      |       |   | 18ga | .049  | .527  | X    |      | .384     |
|       |      |       |   | 16ga | .065  | .495  | X    |      | .495     |
| 3/4   | X    | 3/4   | X | 20ga | .035  | .680  | X    |      | .340     |
|       |      |       |   | 18ga | .049  | .652  | X    |      | .467     |
|       |      |       |   | 16ga | .065  | .620  | X    |      | .606     |
|       |      |       |   | 14ga | .083  | .584  | X    |      | .753     |
|       |      |       |   | 11ga | .120  | .510  | X    |      | 1.028    |
| 7/8   | X    | 7/8   | X | 18ga | .049  | .777  | X    |      | .550     |
|       |      |       |   | 16ga | .065  | .745  | X    |      | .716     |
|       |      |       |   | 14ga | .083  | .709  | X    |      | .894     |
| 1     | X    | 1     | X | 20ga | .035  | .930  | X    |      | .459     |
|       |      |       |   | 18ga | .049  | .902  | X    |      | .634     |
|       |      |       |   | 16ga | .065  | .870  | X    |      | .827     |
|       |      |       |   | 15ga | .072  | .856  | X    |      | .910     |
|       |      |       |   | 14ga | .083  | .834  | X    |      | 1.035    |
|       |      |       |   | 12ga | .109  | .782  | X    |      | 1.321    |
|       |      |       |   | 11ga | .120  | .760  |      |      | 1.436    |
| 1-1/8 | X    | 1-1/8 | X | 18ga | .049  | 1.027 | X    |      | .717     |
|       |      |       |   | 16ga | .065  | .995  | X    |      | .937     |
| 1-1/4 | X    | 1-1/4 | X | 18ga | .049  | 1.152 | X    |      | .800     |
|       |      |       |   | 16ga | .065  | 1.120 | X    |      | 1.048    |
|       |      |       |   | 14ga | .083  | 1.084 | X    |      | 1.317    |
|       |      |       |   | 13ga | .095  | 1.060 | X    |      | 1.492    |
|       |      |       |   | 12ga | .109  | 1.032 | X    |      | 1.691    |
|       |      |       |   | 11ga | .120  | 1.010 | X    |      | 1.844    |
|       |      |       |   |      | .135  | .980  |      | X    | 2.033    |
|       | .188 | .875  |   | X    | 2.407 |       |      |      |          |

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**SQUARE TUBING**  
**MECHANICAL - ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size  |   |       |   | Wall | I.D. | A513  | A500 | Lbs./Ft. |        |
|-------|---|-------|---|------|------|-------|------|----------|--------|
| 1-1/2 | X | 1-1/2 | X | 18ga | .049 | 1.402 | X    |          | .967   |
|       |   |       |   | 16ga | .065 | 1.370 | X    |          | 1.269  |
|       |   |       |   | 14ga | .083 | 1.334 | X    |          | 1.600  |
|       |   |       |   | 13ga | .095 | 1.310 | X    |          | 1.815  |
|       |   |       |   | 12ga | .109 | 1.282 | X    |          | 2.062  |
|       |   |       |   | 11ga | .120 | 1.260 | X    |          | 2.252  |
|       |   |       |   | 3/16 | .188 | 1.125 |      | X        | 3.040  |
|       |   |       |   | 1/4  | .250 | 1.000 |      | X        | 4.000  |
| 1-3/4 | X | 1-3/4 | X | 16ga | .065 | 1.620 | X    |          | 1.490  |
|       |   |       |   | 14ga | .083 | 1.584 | X    |          | 1.882  |
|       |   |       |   | 11ga | .120 | 1.510 | X    |          | 2.660  |
| 2     | X | 2     | X | 18ga | .049 | 1.902 | X    |          | 1.300  |
|       |   |       |   | 16ga | .065 | 1.870 | X    |          | 1.711  |
|       |   |       |   | 14ga | .083 | 1.834 | X    |          | 2.164  |
|       |   |       |   | 13ga | .095 | 1.810 | X    |          | 2.461  |
|       |   |       |   | 12ga | .109 | 1.782 | X    |          | 2.800  |
|       |   |       |   | 1/8  | .125 | 1.750 |      | X        | 3.050  |
|       |   |       |   | 3/16 | .188 | 1.625 |      | X        | 4.320  |
|       |   |       |   | 1/4  | .250 | 1.500 |      | X        | 5.410  |
|       |   |       |   | 5/16 | .313 | 1.375 |      | X        | 6.322  |
| 2-1/2 | X | 2-1/2 | X | 16ga | .065 | 2.370 | X    |          | 2.153  |
|       |   |       |   | 14ga | .083 | 2.334 | X    |          | 2.728  |
|       |   |       |   | 12ga | .109 | 2.282 | X    |          | 3.544  |
|       |   |       |   | 1/8  | .125 | 2.250 |      | X        | 3.900  |
|       |   |       |   | 3/16 | .188 | 2.125 |      | X        | 5.590  |
|       |   |       |   | 1/4  | .250 | 2.000 |      | X        | 7.110  |
|       |   |       |   | 5/16 | .313 | 1.875 |      | X        | 8.430  |
| 3     | X | 3     | X | 14ga | .083 | 2.834 | X    |          | 3.293  |
|       |   |       |   | 1/8  | .125 | 2.750 |      | X        | 4.750  |
|       |   |       |   | 3/16 | .188 | 2.625 |      | X        | 6.870  |
|       |   |       |   | 1/4  | .250 | 2.500 |      | X        | 8.810  |
|       |   |       |   | 5/16 | .313 | 2.375 |      | X        | 10.580 |
|       |   |       |   | 3/8  | .375 | 2.250 |      | X        | 12.160 |
| 3-1/2 | X | 3-1/2 | X | 1/8  | .125 | 3.250 |      | X        | 5.610  |
|       |   |       |   | 3/16 | .188 | 3.125 |      | X        | 8.150  |
|       |   |       |   | 1/4  | .250 | 3.000 |      | X        | 10.510 |
|       |   |       |   | 5/16 | .313 | 2.875 |      | X        | 12.700 |

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**SQUARE TUBING**  
**MECHANICAL - ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size  |   |       |   |      | Wall | I.D.  | A513 | A500 | Lbs./Ft. |
|-------|---|-------|---|------|------|-------|------|------|----------|
| 4     | X | 4     | X | 14ga | .083 | 3.834 | X    |      | 4.360    |
|       |   |       |   | 1/8  | .125 | 3.750 |      | X    | 6.460    |
|       |   |       |   | 3/16 | .188 | 3.625 |      | X    | 9.420    |
|       |   |       |   | 1/4  | .250 | 3.500 |      | X    | 12.210   |
|       |   |       |   | 5/16 | .313 | 3.375 |      | X    | 14.830   |
|       |   |       |   | 3/8  | .375 | 3.250 |      | X    | 17.270   |
|       |   |       |   | 1/2  | .500 | 3.000 |      | X    | 21.630   |
| 4-1/2 | X | 4-1/2 | X | 1/8  | .125 | 4.250 |      | X    | 7.330    |
|       |   |       |   | 3/16 | .188 | 4.125 |      | X    | 10.700   |
|       |   |       |   | 1/4  | .250 | 4.000 |      | X    | 13.910   |
| 5     | X | 5     | X | 3/16 | .188 | 4.625 |      | X    | 11.970   |
|       |   |       |   | 1/4  | .250 | 4.500 |      | X    | 15.620   |
|       |   |       |   | 5/16 | .313 | 4.375 |      | X    | 19.080   |
|       |   |       |   | 3/8  | .375 | 4.250 |      | X    | 22.370   |
|       |   |       |   | 1/2  | .500 | 4.000 |      | X    | 28.430   |
| 6     | X | 6     | X | 3/16 | .188 | 5.625 |      | X    | 14.530   |
|       |   |       |   | 1/4  | .250 | 5.500 |      | X    | 19.020   |
|       |   |       |   | 5/16 | .313 | 5.375 |      | X    | 23.340   |
|       |   |       |   | 3/8  | .375 | 5.250 |      | X    | 27.480   |
|       |   |       |   | 1/2  | .500 | 5.000 |      | X    | 35.240   |
| 7     | X | 7     | X | 3/16 | .188 | 6.625 |      | X    | 17.080   |
|       |   |       |   | 1/4  | .250 | 6.500 |      | X    | 22.420   |
|       |   |       |   | 5/16 | .313 | 6.375 |      | X    | 27.590   |
|       |   |       |   | 3/8  | .375 | 6.250 |      | X    | 32.580   |
|       |   |       |   | 1/2  | .500 | 6.000 |      | X    | 42.050   |
| 8     | X | 8     | X | 3/16 | .188 | 7.625 |      | X    | 19.630   |
|       |   |       |   | 1/4  | .250 | 7.500 |      | X    | 25.820   |
|       |   |       |   | 5/16 | .313 | 7.375 |      | X    | 31.840   |
|       |   |       |   | 3/8  | .375 | 7.250 |      | X    | 37.690   |
|       |   |       |   | 1/2  | .500 | 7.000 |      | X    | 48.850   |
| 10    | X | 10    | X | 3/16 | .188 | 9.625 |      | X    | 24.730   |
|       |   |       |   | 1/4  | .250 | 9.500 |      | X    | 32.630   |
|       |   |       |   | 5/16 | .313 | 9.375 |      | X    | 40.350   |
|       |   |       |   | 3/8  | .375 | 9.250 |      | X    | 47.900   |
|       |   |       |   | 1/2  | .500 | 9.000 |      | X    | 62.460   |

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**SQUARE TUBING**  
**MECHANICAL - ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size |   |    |   |      | Wall | I.D.   | A513 | A500 | Lbs./Ft. |
|------|---|----|---|------|------|--------|------|------|----------|
| 12   | X | 12 | X | 1/4  | .250 | 11.500 |      | X    | 39.430   |
|      |   |    |   | 5/16 | .313 | 11.375 |      | X    | 48.950   |
|      |   |    |   | 3/8  | .375 | 11.250 |      | X    | 58.100   |
|      |   |    |   | 1/2  | .500 | 11.000 |      | X    | 76.070   |
| 14   | X | 14 | X | 1/2  | .500 | 13.000 |      | X    | 89.680   |

**RECTANGULAR TUBING**  
**MECHANICAL – ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size  |   |       |   |      | Wall Decimal | A513 | A500 | Lbs./Ft. |
|-------|---|-------|---|------|--------------|------|------|----------|
| 1     | X | 1/2   | X | 16ga | .065         | X    |      | .606     |
| 1-1/2 | X | 1/2   | X | 16ga | .065         | X    |      | .827     |
| 1-1/2 | X | 3/4   | X | 16ga | .065         | X    |      | .917     |
|       |   |       |   | 14ga | .083         | X    |      | 1.176    |
|       |   |       |   | 11ga | .120         | X    |      | 1.640    |
| 1-1/2 | X | 1     | X | 16ga | .065         | X    |      | 1.048    |
|       |   |       |   | 14ga | .083         | X    |      | 1.317    |
|       |   |       |   | 11ga | .120         | X    |      | 1.844    |
| 2     | X | 1     | X | 16ga | .065         | X    |      | 1.269    |
|       |   |       |   | 14ga | .083         | X    |      | 1.600    |
|       |   |       |   | 12ga | .109         | X    |      | 2.462    |
|       |   |       |   | 11ga | .120         | X    |      | 2.252    |
|       |   |       |   | 3/16 | .188         |      | X    | 3.350    |
| 2     | X | 1-1/4 | X | 14ga | .083         | X    |      | 1.741    |
|       |   |       |   | 11ga | .120         | X    |      | 2.456    |
| 2     | X | 1-1/2 | X | 14ga | .083         | X    |      | 1.882    |
|       |   |       |   | 11ga | .120         | X    |      | 2.660    |

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**RECTANGULAR TUBING**  
**MECHANICAL – ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size  |   |       |   |      | Wall Decimal | A513 | A500 | Lbs./Ft. |
|-------|---|-------|---|------|--------------|------|------|----------|
| 2-1/2 | X | 1     | X | 14ga | .083         | X    |      | 1.882    |
| 2-1/2 | X | 1-1/4 | X | 14ga | .083         | X    |      | 2.023    |
| 2-1/2 | X | 1-1/2 | X | 14ga | .083         | X    |      | 2.164    |
|       |   |       |   | 11ga | .120         | X    |      | 3.068    |
|       |   |       |   | 3/16 | .188         |      | X    | 4.320    |
|       |   |       |   | 1/4  | .250         |      | X    | 5.410    |
| 3     | X | 1     | X | 16ga | .065         | X    |      | 1.711    |
|       |   |       |   | 14ga | .083         | X    |      | 2.164    |
|       |   |       |   | 11ga | .120         | X    |      | 3.050    |
| 3     | X | 1-1/2 | X | 14ga | .083         | X    |      | 2.446    |
|       |   |       |   | 12ga | .109         | X    |      | 3.174    |
|       |   |       |   | 11ga | .120         | X    |      | 3.476    |
|       |   |       |   | 3/16 | .188         |      | X    | 4.970    |
| 3     | X | 2     | X | 16ga | .065         | X    |      | 2.126    |
|       |   |       |   | 14ga | .083         | X    |      | 2.728    |
|       |   |       |   | 11ga | .120         | X    |      | 3.884    |
|       |   |       |   | 3/16 | .188         |      | X    | 5.590    |
|       |   |       |   | 1/4  | .250         |      | X    | 7.110    |
|       |   |       |   | 5/16 | .313         |      | X    | 8.440    |
| 3-1/2 | X | 2-1/2 | X | 3/16 | .188         |      | X    | 6.870    |
| 4     | X | 1-1/2 | X | 14ga | .083         | X    |      | 2.981    |
|       |   |       |   | 11ga | .120         | X    |      | 4.292    |
| 4     | X | 2     | X | 14ga | .083         | X    |      | 3.293    |
|       |   |       |   | 1/8  | .125         |      | X    | 4.750    |
|       |   |       |   | 3/16 | .188         |      | X    | 6.870    |
|       |   |       |   | 1/4  | .250         |      | X    | 8.810    |
|       |   |       |   | 5/16 | .313         |      | X    | 10.580   |
| 4     | X | 2-1/2 | X | 1/8  | .125         |      | X    | 5.110    |
| 4     | X | 3     | X | 1/8  | .125         |      | X    | 5.610    |
|       |   |       |   | 3/16 | .188         |      | X    | 8.150    |
|       |   |       |   | 1/4  | .250         |      | X    | 10.510   |
|       |   |       |   | 5/16 | .313         |      | X    | 12.700   |

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**RECTANGULAR TUBING**  
**MECHANICAL – ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size |   |       |   |      | Wall Decimal | A513 | A500 | Lbs./Ft. |
|------|---|-------|---|------|--------------|------|------|----------|
| 5    | X | 2     | X | 1/8  | .125         |      | X    | 8.880    |
|      |   |       |   | 3/16 | .188         |      | X    | 8.150    |
|      |   |       |   | 1/4  | .250         |      | X    | 10.510   |
|      |   |       |   | 5/16 | .313         |      | X    | 12.700   |
| 5    | X | 2-1/2 | X | 1/8  | .125         |      | X    | 5.920    |
|      |   |       |   | 3/16 | .188         |      | X    | 8.880    |
| 5    | X | 3     | X | 11ga | .120         |      | X    | 6.460    |
|      |   |       |   | 3/16 | .188         |      | X    | 9.420    |
|      |   |       |   | 1/4  | .250         |      | X    | 12.210   |
|      |   |       |   | 5/16 | .313         |      | X    | 14.830   |
|      |   |       |   | 3/8  | .375         |      | X    | 17.270   |
|      |   |       |   | 1/2  | .500         |      | X    | 21.630   |
| 5    | X | 4     | X | 11ga | .120         |      | X    | 7.330    |
|      |   |       |   | 3/16 | .188         |      | X    | 10.700   |
|      |   |       |   | 1/4  | .250         |      | X    | 13.910   |
| 6    | X | 2     | X | 1/8  | .125         |      | X    | 6.460    |
|      |   |       |   | 3/16 | .188         |      | X    | 9.420    |
|      |   |       |   | 1/4  | .250         |      | X    | 12.210   |
|      |   |       |   | 5/16 | .313         |      | X    | 14.830   |
| 6    | X | 3     | X | 1/8  | .125         |      | X    | 7.310    |
|      |   |       |   | 3/16 | .188         |      | X    | 10.700   |
|      |   |       |   | 1/4  | .250         |      | X    | 13.910   |
|      |   |       |   | 5/16 | .313         |      | X    | 16.960   |
|      |   |       |   | 3/8  | .375         |      | X    | 19.820   |
|      |   |       |   | 1/2  | .500         |      | X    | 25.030   |
| 6    | X | 4     | X | 3/16 | .188         |      | X    | 11.970   |
|      |   |       |   | 1/4  | .250         |      | X    | 15.620   |
|      |   |       |   | 5/16 | .313         |      | X    | 19.080   |
|      |   |       |   | 3/8  | .375         |      | X    | 22.370   |
|      |   |       |   | 1/2  | .500         |      | X    | 28.430   |
| 7    | X | 3     | X | 3/16 | .188         |      | X    | 11.970   |
|      |   |       |   | 1/4  | .250         |      | X    | 15.620   |
|      |   |       |   | 5/16 | .313         |      | X    | 19.080   |
|      |   |       |   | 3/8  | .375         |      | X    | 22.370   |

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**RECTANGULAR TUBING**  
**MECHANICAL – ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size |   |   |        | Wall Decimal | A513 | A500 | Lbs./Ft. |
|------|---|---|--------|--------------|------|------|----------|
| 7    | X | 4 | X 1/4  | .250         |      | X    | 17.320   |
| 7    | X | 5 | X 3/16 | .188         |      | X    | 14.530   |
|      |   |   | 1/4    | .250         |      | X    | 19.020   |
|      |   |   | 5/16   | .313         |      | X    | 23.210   |
|      |   |   | 3/8    | .375         |      | X    | 27.480   |
|      |   |   | 1/2    | .500         |      | X    | 35.240   |
| 8    | X | 2 | X 3/16 | .188         |      | X    | 11.970   |
|      |   |   | 1/4    | .250         |      | X    | 15.620   |
| 8    | X | 3 | X 3/16 | .188         |      | X    | 13.250   |
|      |   |   | 1/4    | .250         |      | X    | 17.320   |
|      |   |   | 5/16   | .313         |      | X    | 21.210   |
|      |   |   | 3/8    | .375         |      | X    | 24.930   |
| 8    | X | 4 | X 3/16 | .188         |      | X    | 14.530   |
|      |   |   | 1/4    | .250         |      | X    | 19.020   |
|      |   |   | 5/16   | .313         |      | X    | 23.340   |
|      |   |   | 3/8    | .375         |      | X    | 27.480   |
|      |   |   | 1/2    | .500         |      | X    | 35.240   |
| 8    | X | 6 | X 3/16 | .188         |      | X    | 17.080   |
|      |   |   | 1/4    | .250         |      | X    | 22.420   |
|      |   |   | 5/16   | .313         |      | X    | 27.590   |
|      |   |   | 3/8    | .375         |      | X    | 32.580   |
|      |   |   | 1/2    | .500         |      | X    | 42.050   |
| 10   | X | 2 | X 3/16 | .188         |      | X    | 14.530   |
| 10   | X | 3 | X 1/4  | .250         |      | X    | 20.720   |
| 10   | X | 4 | X 3/16 | .188         |      | X    | 17.080   |
|      |   |   | 1/4    | .250         |      | X    | 22.420   |
|      |   |   | 5/16   | .313         |      | X    | 27.590   |
|      |   |   | 3/8    | .375         |      | X    | 32.580   |
|      |   |   | 1/2    | .500         |      | X    | 42.050   |
| 10   | X | 6 | X 1/4  | .250         |      | X    | 25.820   |
|      |   |   | 5/16   | .313         |      | X    | 31.840   |
|      |   |   | 3/8    | .375         |      | X    | 37.690   |
|      |   |   | 1/2    | .500         |      | X    | 48.850   |

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**RECTANGULAR TUBING**  
**MECHANICAL – ASTM A-513, Electric Welded**  
**STRUCTURAL – ASTM A-500, Grade B and C**  
**(Many sizes available in 20', 24', 40', and 48' lengths)**

| Size |   |   |        | Wall Decimal | A513 | A500 | Lbs./Ft. |
|------|---|---|--------|--------------|------|------|----------|
| 10   | X | 8 | X 1/4  | .250         |      | X    | 29.230   |
|      |   |   | 5/16   | .313         |      | X    | 36.100   |
|      |   |   | 3/8    | .375         |      | X    | 42.790   |
|      |   |   | 1/2    | .500         |      | X    | 55.660   |
| 12   | X | 2 | X 3/16 | .188         |      | X    | 17.080   |
|      |   |   | 1/4    | .250         |      | X    | 22.420   |
| 12   | X | 4 | X 1/4  | .250         |      | X    | 25.820   |
|      |   |   | 5/16   | .313         |      | X    | 31.840   |
|      |   |   | 3/8    | .375         |      | X    | 37.690   |
| 12   | X | 6 | X 1/4  | .250         |      | X    | 29.230   |
|      |   |   | 5/16   | .313         |      | X    | 36.100   |
|      |   |   | 3/8    | .375         |      | X    | 42.790   |
|      |   |   | 1/2    | .500         |      | X    | 55.660   |
| 12   | X | 8 | X 1/4  | .250         |      | X    | 32.620   |
|      |   |   | 5/16   | .313         |      | X    | 40.350   |
|      |   |   | 3/8    | .375         |      | X    | 47.900   |
|      |   |   | 1/2    | .500         |      | X    | 62.460   |

**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D. |      | Ga  | Wall | I.D. | Lbs./Ft. | EW   | DOM   |
|------|------|-----|------|------|----------|------|-------|
| 1/4  | X    | 24  | .022 | .206 | .0536    |      | X     |
|      |      | 23  | .025 | .200 | .0601    |      | X     |
|      |      | 22  | .028 | .194 | .0664    |      | X     |
|      |      | 21  | .032 | .187 | .0745    |      | X     |
|      |      | 20  | .035 | .180 | .0804    |      | X     |
|      |      | 19  | .042 | .166 | .0933    |      | X     |
|      |      | 18  | .049 | .152 | .1052    |      | X     |
|      |      | 16  | .065 | .120 | .1284    |      | X     |
|      |      | 14  | .083 | .840 | .1480    |      | X     |
| 5/16 | X    | 24  | .022 | .269 | .0684    |      | X     |
|      |      | 23  | .025 | .263 | .0770    |      | X     |
|      |      | 22  | .028 | .257 | .0852    |      | X     |
|      |      | 21  | .032 | .249 | .0960    |      | X     |
|      |      | 20  | .035 | .242 | .1039    |      | X     |
|      |      | 18  | .049 | .214 | .1382    |      | X     |
|      |      | 16  | .065 | .182 | .1722    |      | X     |
|      |      | 14  | .083 | .147 | .2039    |      | X     |
|      |      | 3/8 | X    | 24   | .022     | .331 | .0829 |
| 22   | .028 |     |      | .319 | .1038    | X    | X     |
| 20   | .035 |     |      | .305 | .1271    | X    | X     |
| 18   | .049 |     |      | .277 | .1706    | X    | X     |
| 17   | .058 |     |      | .259 | .1964    |      | X     |
| 16   | .065 |     |      | .245 | .2152    | X    | X     |
| 14   | .083 |     |      | .209 | .2588    |      | X     |
| 12   | .109 |     |      | .157 | .3097    |      | X     |
| 7/16 | X    |     |      | 22   | .028     | .381 | .1226 |
|      |      | 20  | .035 | .367 | .1506    |      | X     |
|      |      | 18  | .049 | .339 | .2036    | X    | X     |
|      |      | 17  | .058 | .322 | .2354    |      | X     |
|      |      | 16  | .065 | .308 | .2589    | X    | X     |
|      |      | 14  | .083 | .272 | .3147    |      | X     |
|      |      | 13  | .095 | .248 | .3480    |      | X     |
|      |      | 1/8 | .125 | .188 | .4179    |      | X     |
| 1/2  | X    | 24  | .022 | .456 | .1123    |      | X     |
|      |      | 22  | .028 | .444 | .1411    |      | X     |
|      |      | 21  | .032 | .436 | .1599    |      | X     |
|      |      | 20  | .035 | .430 | .1738    | X    | X     |
|      |      | 19  | .042 | .416 | .2054    |      | X     |
|      |      | 18  | .049 | .402 | .2360    | X    | X     |
|      |      | 17  | .058 | .384 | .2738    |      | X     |
|      |      | 16  | .065 | .370 | .3020    | X    | X     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga   | Wall   | I.D. | Lbs./Ft. | EW | DOM |
|-------|------|------|--------|------|----------|----|-----|
| 1/2   | X    | 15   | .072   | .356 | .3291    |    | X   |
|       |      | 14   | .083   | .334 | .3696    |    | X   |
|       |      | 13   | .095   | .310 | .4109    |    | X   |
|       |      | 12   | .109   | .282 | .4552    |    | X   |
|       |      | 11   | .120   | .260 | .4870    |    | X   |
|       |      | 1/8  | .125   | .250 | .5010    |    | X   |
|       |      | 10   | .134   | .232 | .5238    |    | X   |
| 9/16  | X    | 22   | .028   | .507 | .1600    |    | X   |
|       |      | 20   | .035   | .493 | .1974    |    | X   |
|       |      | 18   | .049   | .465 | .2690    | X  | X   |
|       |      | 16   | .065   | .433 | .3457    | X  | X   |
|       |      | 14   | .083   | .397 | .4255    |    | X   |
|       |      | 13   | .095   | .373 | .4748    |    | X   |
|       |      | 12   | .109   | .345 | .5285    |    | X   |
|       |      | 1/8  | .125   | .313 | .5847    |    | X   |
| 5/8   | X    | 22   | .028   | .569 | .1785    | X  | X   |
|       |      | 20   | .035   | .555 | .2205    | X  | X   |
|       |      | 18   | .049   | .527 | .3014    | X  | X   |
|       |      | 17   | .058   | .509 | .3512    |    | X   |
|       |      | 16   | .065   | .495 | .3888    | X  | X   |
|       |      | 15   | .072   | .481 | .4252    |    | X   |
|       |      | 14   | .083   | .459 | .4805    | X  | X   |
|       |      | 13   | .095   | .435 | .5377    |    | X   |
|       |      | 12   | .109   | .407 | .6007    |    | X   |
|       |      | 11   | .120   | .385 | .6472    |    | X   |
|       |      | 1/8  | .125   | .375 | .6675    |    | X   |
|       |      | 10   | .134   | .357 | .7027    |    | X   |
|       |      | 5/32 | .156   | .313 | .7814    |    | X   |
|       |      | 3/16 | .188   | .249 | .8774    |    | X   |
| 7/32  | .219 | .187 | .9496  |      | X        |    |     |
| 11/16 | X    | 22   | .028   | .632 | .1974    |    | X   |
|       |      | 21   | .032   | .624 | .2242    |    | X   |
|       |      | 18   | .049   | .590 | .3344    | X  | X   |
|       |      | 16   | .065   | .558 | .4325    |    | X   |
|       |      | 14   | .083   | .522 | .5363    |    | X   |
|       |      | 13   | .095   | .498 | .6017    |    | X   |
|       |      | 12   | .109   | .470 | .6740    |    | X   |
|       |      | 1/8  | .125   | .438 | .7516    |    | X   |
|       |      | 10   | .134   | .420 | .7928    |    | X   |
|       |      | 5/32 | .156   | .376 | .8864    |    | X   |
| 3/16  | .188 | .312 | 1.0040 |      | X        |    |     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga    | Wall   | I.D. | Lbs./Ft. | EW | DOM |
|-------|------|-------|--------|------|----------|----|-----|
| 3/4   | X    | 22    | .028   | .694 | .2159    |    | X   |
|       |      | 20    | .035   | .680 | .2673    | X  | X   |
|       |      | 18    | .049   | .652 | .3668    | X  | X   |
|       |      | 17    | .058   | .634 | .4287    |    | X   |
|       |      | 16    | .065   | .620 | .4755    | X  | X   |
|       |      | 15    | .072   | .606 | .5214    |    | X   |
|       |      | 14    | .083   | .584 | .5913    | X  | X   |
|       |      | 13    | .095   | .560 | .6646    | X  | X   |
|       |      | 12    | .109   | .532 | .7462    | X  | X   |
|       |      | 11    | .120   | .510 | .8074    | X  | X   |
|       |      | 1/8   | .125   | .500 | .8344    |    | X   |
|       |      | 10    | .134   | .482 | .8816    |    | X   |
|       |      | 5/32  | .156   | .438 | .9897    |    | X   |
|       |      | 11/64 | .172   | .406 | 1.0620   |    | X   |
|       |      | 3/16  | .188   | .374 | 1.1280   |    | X   |
|       |      | 7/32  | .219   | .312 | 1.2420   |    | X   |
|       |      | 1/4   | .250   | .250 | 1.3350   |    | X   |
| 13/16 | X    | 22    | .028   | .757 | .2347    |    | X   |
|       |      | 20    | .035   | .743 | .2908    |    | X   |
|       |      | 18    | .049   | .715 | .3998    |    | X   |
|       |      | 16    | .065   | .683 | .5193    | X  | X   |
|       |      | 14    | .083   | .647 | .6471    |    | X   |
|       |      | 13    | .095   | .623 | .7285    |    | X   |
|       |      | 12    | .109   | .595 | .8195    |    | X   |
|       |      | 11    | .120   | .573 | .8881    |    | X   |
|       |      | 1/8   | .125   | .563 | .9185    |    | X   |
|       |      | 10    | .134   | .545 | .9717    |    | X   |
|       |      | 5/32  | .156   | .501 | 1.0950   |    | X   |
|       |      | 3/16  | .188   | .437 | 1.2550   |    | X   |
|       |      | 7/32  | .219   | .375 | 1.3890   |    | X   |
| 1/4   | .250 | .313  | 1.5030 |      | X        |    |     |
| 7/8   | X    | 21    | .032   | .811 | .2881    |    |     |
|       |      | 20    | .035   | .805 | .3140    | X  | X   |
|       |      | 18    | .049   | .777 | .4323    | X  | X   |
|       |      | 17    | .058   | .759 | .5061    |    | X   |
|       |      | 16    | .065   | .745 | .5623    | X  | X   |
|       |      | 15    | .072   | .731 | .6175    |    | X   |
|       |      | 14    | .083   | .709 | .7021    | X  | X   |
|       |      | 13    | .095   | .685 | .7914    | X  | X   |
|       |      | 12    | .109   | .657 | .8917    |    | X   |
|       |      | 11    | .120   | .635 | .9676    | X  | X   |
|       |      | 1/8   | .125   | .625 | 1.0010   |    | X   |
|       |      | 10    | .134   | .607 | 1.0610   |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |      | Ga   | Wall   | I.D. | Lbs./Ft. | EW | DOM |
|--------|------|------|--------|------|----------|----|-----|
| 7/8    | X    | 5/32 | .156   | .563 | 1.1980   |    | X   |
|        |      | 3/16 | .188   | .499 | 1.3790   |    | X   |
|        |      | 7/32 | .219   | .437 | 1.5340   |    | X   |
|        |      | 1/4  | .250   | .375 | 1.6690   |    | X   |
|        |      | 9/32 | .281   | .313 | 1.7830   |    | X   |
| 15/16  | X    | 20   | .035   | .868 | .3375    |    | X   |
|        |      | 18   | .049   | .840 | .4652    |    | X   |
|        |      | 16   | .065   | .808 | .6060    |    | X   |
|        |      | 14   | .083   | .772 | .7579    |    | X   |
|        |      | 13   | .095   | .748 | .8553    |    | X   |
|        |      | 11   | .120   | .697 | 1.0480   |    | X   |
|        |      | 1/8  | .125   | .688 | 1.0850   |    | X   |
|        |      | 10   | .134   | .670 | 1.1510   |    | X   |
|        |      | 5/32 | .156   | .626 | 1.3030   |    | X   |
|        |      | 3/16 | .188   | .562 | 1.5060   |    | X   |
|        |      | 7/32 | .219   | .500 | 1.6820   |    | X   |
|        |      | 1/4  | .250   | .437 | 1.8370   |    | X   |
| 1      | X    | 22   | .028   | .944 | .2907    |    | X   |
|        |      | 20   | .035   | .930 | .3607    | X  | X   |
|        |      | 18   | .049   | .902 | .4977    | X  | X   |
|        |      | 17   | .058   | .884 | .5835    |    | X   |
|        |      | 16   | .065   | .870 | .6491    | X  | X   |
|        |      | 15   | .072   | .856 | .7136    |    | X   |
|        |      | 14   | .083   | .834 | .8129    | X  | X   |
|        |      | 13   | .095   | .810 | .9182    | X  | X   |
|        |      | 12   | .109   | .782 | 1.0370   | X  | X   |
|        |      | 11   | .120   | .760 | 1.1280   | X  | X   |
|        |      | 1/8  | .125   | .750 | 1.1680   |    | X   |
|        |      | 10   | .134   | .732 | 1.2390   |    | X   |
|        |      | 5/32 | .156   | .687 | 1.4060   |    | X   |
|        |      | 3/16 | .188   | .625 | 1.8810   |    | X   |
|        |      | 7/32 | .219   | .562 | 1.8270   |    | X   |
|        |      | 1/4  | .250   | .500 | 2.0030   |    | X   |
| 9/32   | .281 | .437 | 2.1580 |      | X        |    |     |
| 5/16   | .313 | .375 | 2.2970 |      | X        |    |     |
| 1-1/16 | X    | 20   | .035   | .993 | .3843    |    | X   |
|        |      | 18   | .049   | .965 | .5306    |    | X   |
|        |      | 16   | .065   | .933 | .6928    | X  | X   |
|        |      | 14   | .083   | .897 | .8687    |    | X   |
|        |      | 13   | .095   | .873 | .9821    |    | X   |
|        |      | 12   | .109   | .845 | 1.1110   |    | X   |
|        |      | 11   | .120   | .823 | 1.2090   |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|--------|------|-------|--------|-------|----------|----|-----|
| 1-1/16 | X    | 1/8   | .125   | .813  | 1.2520   |    | X   |
|        |      | 10    | .134   | .795  | 1.3300   |    | X   |
|        |      | 5/32  | .156   | .751  | 1.5110   |    | X   |
|        |      | 3/16  | .187   | .687  | 1.7570   |    | X   |
|        |      | 7/32  | .219   | .625  | 1.9740   |    | X   |
|        |      | 1/4   | .250   | .563  | 2.1710   |    | X   |
| 1-1/8  | X    | 22    | .028   | 1.069 | .3280    |    | X   |
|        |      | 20    | .035   | 1.055 | .4074    | X  | X   |
|        |      | 18    | .049   | 1.027 | .5631    | X  | X   |
|        |      | 17    | .058   | 1.009 | .6609    |    | X   |
|        |      | 16    | .065   | .995  | .7359    | X  | X   |
|        |      | 14    | .083   | .959  | .9237    | X  | X   |
|        |      | 13    | .095   | .935  | 1.0450   |    | X   |
|        |      | 12    | .109   | .907  | 1.1830   |    | X   |
|        |      | 11    | .120   | .885  | 1.2880   | X  | X   |
|        |      | 1/8   | .125   | .875  | 1.3350   |    | X   |
|        |      | 10    | .134   | .857  | 1.4180   |    | X   |
|        |      | 5/32  | .156   | .813  | 1.6140   |    | X   |
|        |      | 11/64 | .172   | .781  | 1.7510   |    | X   |
|        |      | 3/16  | .188   | .749  | 1.8810   |    | X   |
|        |      | 7/32  | .219   | .687  | 2.1190   |    | X   |
|        |      | 1/4   | .250   | .625  | 2.3360   |    | X   |
| 9/32   | .281 | .563  | 2.5330 |       | X        |    |     |
| 5/16   | .313 | .499  | 2.7140 |       | X        |    |     |
| 1-3/16 | X    | 21    | .032   | 1.124 | .3951    |    | X   |
|        |      | 20    | .035   | 1.118 | .4310    |    | X   |
|        |      | 18    | .049   | 1.090 | .5961    |    | X   |
|        |      | 16    | .065   | 1.058 | .7796    | X  | X   |
|        |      | 14    | .083   | 1.022 | .9795    |    | X   |
|        |      | 13    | .095   | .998  | 1.1090   |    | X   |
|        |      | 1/8   | .125   | .938  | 1.4190   |    | X   |
|        |      | 5/32  | .156   | .876  | 1.7190   |    | X   |
|        |      | 3/16  | .188   | .812  | 2.0080   |    | X   |
|        |      | 7/32  | .219   | .750  | 2.2660   |    | X   |
|        |      | 1/4   | .250   | .688  | 2.5050   |    | X   |
| 5/16   | .313 | .562  | 2.925  |       | X        |    |     |
| 1-1/4  | X    | 22    | .028   | 1.194 | .3654    |    | X   |
|        |      | 20    | .035   | 1.180 | .4542    | X  | X   |
|        |      | 18    | .049   | 1.152 | .6285    | X  | X   |
|        |      | 16    | .065   | 1.120 | .8226    | X  | X   |
|        |      | 14    | .083   | 1.084 | 1.0350   | X  | X   |
|        |      | 13    | .095   | 1.060 | 1.1720   | X  | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga     | Wall   | I.D.  | Lbs./Ft. | EW    | DOM   |
|-------|------|--------|--------|-------|----------|-------|-------|
| 1-1/4 | X    | 12     | .109   | 1.032 | 1.3280   | X     | X     |
|       |      | 11     | .120   | 1.010 | 1.4480   | X     | X     |
|       |      | 1/8    | .125   | 1.000 | 1.5020   |       | X     |
|       |      | 10     | .134   | .982  | 1.5970   |       | X     |
|       |      | 5/32   | .156   | .938  | 1.8230   |       | X     |
|       |      | 3/16   | .188   | .874  | 2.1320   |       | X     |
|       |      | 7/32   | .219   | .812  | 2.4110   |       | X     |
|       |      | 1/4    | .250   | .750  | 2.6700   |       | X     |
|       |      | 9/32   | .281   | .688  | 2.9080   |       | X     |
|       |      | 5/16   | .313   | .624  | 3.1320   |       | X     |
|       |      | 11/32  | .344   | .562  | 3.3290   |       | X     |
|       |      | 3/8    | .375   | .500  | 3.5040   |       | X     |
|       |      | 1-5/16 | X      | 20    | .035     | 1.243 | .4777 |
| 17    | .058 |        |        | 1.197 | .7774    |       | X     |
| 16    | .065 |        |        | 1.183 | .8664    |       | X     |
| 14    | .083 |        |        | 1.147 | 1.0900   |       | X     |
| 13    | .095 |        |        | 1.123 | 1.2360   |       | X     |
| 12    | .109 |        |        | 1.095 | 1.4020   |       | X     |
| 11    | .120 |        |        | 1.073 | 1.5290   |       | X     |
| 1/8   | .125 |        |        | 1.063 | 1.5860   |       | X     |
| 10    | .134 |        |        | 1.045 | 1.6870   |       | X     |
| 9     | .148 |        |        | 1.017 | 1.8410   |       | X     |
| 5/32  | .156 |        |        | 1.000 | 1.9280   |       | X     |
| 3/16  | .188 |        |        | .937  | 2.2590   |       | X     |
| 7/32  | .219 |        |        | .875  | 2.5590   |       | X     |
| 1/4   | .250 |        |        | .813  | 2.8380   |       | X     |
| 9/32  | .281 |        |        | .751  | 3.0970   |       | X     |
| 5/16  | .313 |        |        | .687  | 3.3430   |       | X     |
| 3/8   | .375 | .563   | 3.7570 |       | X        |       |       |
| 1-3/8 | X    | 22     | .028   | 1.319 | .4028    |       | X     |
|       |      | 20     | .035   | 1.305 | .5009    | X     | X     |
|       |      | 18     | .049   | 1.277 | .6939    | X     | X     |
|       |      | 17     | .058   | 1.259 | .8158    |       | X     |
|       |      | 16     | .065   | 1.245 | .9094    | X     | X     |
|       |      | 14     | .083   | 1.209 | 1.1450   | X     | X     |
|       |      | 13     | .095   | 1.185 | 1.2990   |       | X     |
|       |      | 12     | .109   | 1.157 | 1.4740   |       | X     |
|       |      | 11     | .120   | 1.135 | 1.6080   | X     | X     |
|       |      | 1/8    | .125   | 1.125 | 1.6690   |       | X     |
|       |      | 10     | .134   | 1.107 | 1.7760   |       | X     |
|       |      | 5/32   | .156   | 1.063 | 2.0310   |       | X     |
|       |      | 11/64  | .172   | 1.031 | 2.2100   |       | X     |
|       |      | 3/16   | .188   | 1.000 | 2.3830   |       | X     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |      | Ga   | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|--------|------|------|--------|-------|----------|----|-----|
| 1-3/8  | X    | 7/32 | .219   | .937  | 2.7040   |    | X   |
|        |      | 1/4  | .250   | .875  | 3.0040   |    | X   |
|        |      | 9/32 | .281   | .813  | 3.2830   |    | X   |
|        |      | 5/16 | .313   | .749  | 3.5500   |    | X   |
|        |      | 3/8  | .375   | .625  | 4.0050   |    | X   |
| 1-7/16 | X    | 16   | .065   | 1.308 | .9531    |    | X   |
|        |      | 14   | .083   | 1.272 | 1.2010   |    | X   |
|        |      | 13   | .095   | 1.248 | 1.3630   |    | X   |
|        |      | 11   | .120   | 1.198 | 1.6890   |    | X   |
|        |      | 1/8  | .125   | 1.188 | 1.7530   |    | X   |
|        |      | 10   | .134   | 1.170 | 1.8660   |    | X   |
|        |      | 5/32 | .156   | 1.126 | 2.1360   |    | X   |
|        |      | 3/16 | .188   | 1.062 | 2.5100   |    | X   |
|        |      | 7/32 | .219   | 1.000 | 2.8510   |    | X   |
|        |      | 1/4  | .250   | .938  | 3.1720   |    | X   |
| 1-1/2  | X    | 20   | .035   | 1.430 | .5476    | X  | X   |
|        |      | 18   | .049   | 1.402 | .7593    | X  | X   |
|        |      | 17   | .058   | 1.384 | .8932    |    | X   |
|        |      | 16   | .065   | 1.370 | .9962    | X  | X   |
|        |      | 14   | .083   | 1.334 | 1.2560   | X  | X   |
|        |      | 13   | .095   | 1.310 | 1.4260   | X  | X   |
|        |      | 12   | .109   | 1.282 | 1.6190   | X  | X   |
|        |      | 11   | .120   | 1.260 | 1.7690   | X  | X   |
|        |      | 1/8  | .125   | 1.250 | 1.8360   |    | X   |
|        |      | 10   | .134   | 1.232 | 1.9550   | X  | X   |
|        |      | 5/32 | .156   | 1.188 | 2.2390   |    | X   |
|        |      | 3/16 | .188   | 1.124 | 2.6340   |    | X   |
|        |      | 7/32 | .219   | 1.062 | 2.9960   |    | X   |
|        |      | 1/4  | .250   | 1.000 | 3.3380   |    | X   |
|        |      | 9/32 | .281   | .938  | 3.6580   |    | X   |
| 5/16   | .313 | .874 | 3.9680 |       | X        |    |     |
| 11/32  | .344 | .812 | 4.2470 |       | X        |    |     |
| 3/8    | .375 | .750 | 4.5060 |       | X        |    |     |
| 1-9/16 | X    | 20   | .035   | 1.493 | .5712    |    | X   |
|        |      | 16   | .065   | 1.433 | 1.0400   |    | X   |
|        |      | 13   | .095   | 1.373 | 1.4890   |    | X   |
|        |      | 12   | .109   | 1.345 | 1.6930   |    | X   |
|        |      | 1/8  | .125   | 1.313 | 1.9200   |    | X   |
|        |      | 10   | .134   | 1.295 | 2.0450   |    | X   |
|        |      | 5/32 | .156   | 1.251 | 2.3440   |    | X   |
|        |      | 3/16 | .188   | 1.187 | 2.7610   |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.    |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|---------|------|-------|--------|-------|----------|----|-----|
| 1-9/16  | X    | 1/4   | .250   | 1.063 | 3.5060   |    | X   |
|         |      | 5/16  | .313   | .937  | 4.1790   |    | X   |
|         |      | 3/8   | .375   | .813  | 4.7580   |    | X   |
| 1-5/8   | X    | 20    | .035   | 1.555 | .5943    | X  | X   |
|         |      | 18    | .049   | 1.527 | .8248    | X  | X   |
|         |      | 17    | .058   | 1.509 | .9707    |    | X   |
|         |      | 16    | .065   | 1.495 | 1.0830   | X  | X   |
|         |      | 14    | .083   | 1.500 | 1.3670   | X  | X   |
|         |      | 13    | .095   | 1.435 | 1.5520   |    | X   |
|         |      | 12    | .109   | 1.407 | 1.7650   |    | X   |
|         |      | 11    | .120   | 1.385 | 1.9290   | X  | X   |
|         |      | 1/8   | .125   | 1.375 | 2.0030   |    | X   |
|         |      | 10    | .134   | 1.357 | 2.1340   | X  | X   |
|         |      | 5/32  | .156   | 1.313 | 2.4480   |    | X   |
|         |      | 11/64 | .172   | 1.281 | 2.6690   |    | X   |
|         |      | 3/16  | .188   | 1.250 | 2.8850   |    | X   |
|         |      | 7/32  | .219   | 1.187 | 3.2890   |    | X   |
|         |      | 1/4   | .250   | 1.125 | 3.6710   |    | X   |
|         |      | 9/32  | .281   | 1.063 | 4.0340   |    | X   |
|         |      | 5/16  | .313   | 1.000 | 4.3860   |    | X   |
| 3/8     | .375 | .875  | 5.0060 |       | X        |    |     |
| 1-11/16 | X    | 16    | .065   | 1.558 | 1.1270   |    | X   |
|         |      | 11    | .120   | 1.447 | 2.0100   |    | X   |
|         |      | 1/8   | .125   | 1.438 | 2.0870   |    | X   |
|         |      | 5/32  | .156   | 1.376 | 2.5520   |    | X   |
|         |      | 3/16  | .188   | 1.312 | 3.0120   |    | X   |
|         |      | 7/32  | .219   | 1.250 | 3.3460   |    | X   |
|         |      | ¼     | .250   | 1.188 | 3.8400   |    | X   |
| 1-3/4   | X    | 20    | .035   | 1.680 | .6411    | X  | X   |
|         |      | 18    | .049   | 1.652 | .8902    | X  | X   |
|         |      | 16    | .065   | 1.620 | 1.1700   | X  | X   |
|         |      | 14    | .083   | 1.584 | 1.4780   | X  | X   |
|         |      | 13    | .095   | 1.560 | 1.6790   | X  | X   |
|         |      | 12    | .109   | 1.532 | 1.9100   |    | X   |
|         |      | 11    | .120   | 1.510 | 2.0890   | X  | X   |
|         |      | 1/8   | .125   | 1.500 | 2.1690   |    | X   |
|         |      | 10    | .134   | 1.482 | 2.3130   |    | X   |
|         |      | 5/32  | .156   | 1.438 | 2.6560   |    | X   |
|         |      | 3/16  | .188   | 1.375 | 3.1360   |    | X   |
|         |      | 7/32  | .219   | 1.312 | 3.5810   |    | X   |
| 1/4     | .250 | 1.250 | 4.0050 |       | X        |    |     |
| 9/32    | .281 | 1.188 | 4.4090 |       | X        |    |     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.    |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|---------|------|-------|--------|-------|----------|----|-----|
| 1-3/4   | X    | 5/16  | .313   | 1.125 | 4.8040   |    | X   |
|         |      | 3/8   | .375   | 1.000 | 5.5070   |    | X   |
| 1-13/16 | X    | 1/8   | .125   | 1.563 | 2.2540   |    | X   |
|         |      | 5/32  | .156   | 1.500 | 2.7610   |    | X   |
|         |      | 3/16  | .188   | 1.437 | 3.2630   |    | X   |
|         |      | 7/32  | .219   | 1.375 | 3.7280   |    | X   |
|         |      | 1/4   | .250   | 1.313 | 4.1730   |    | X   |
| 1-7/8   | X    | 20    | .035   | 1.805 | .6880    |    | X   |
|         |      | 18    | .049   | 1.777 | .9556    |    | X   |
|         |      | 16    | .065   | 1.745 | 1.2570   | X  | X   |
|         |      | 14    | .083   | 1.709 | 1.5890   |    | X   |
|         |      | 13    | .095   | 1.685 | 1.8060   | X  | X   |
|         |      | 12    | .109   | 1.657 | 2.0560   |    | X   |
|         |      | 11    | .120   | 1.635 | 2.2490   | X  | X   |
|         |      | 1/8   | .125   | 1.625 | 2.3360   |    | X   |
|         |      | 10    | .134   | 1.607 | 2.4920   |    | X   |
|         |      | 5/32  | .156   | 1.563 | 2.8640   |    | X   |
|         |      | 3/16  | .188   | 1.500 | 3.3870   |    | X   |
|         |      | 7/32  | .219   | 1.437 | 3.8730   |    | X   |
|         |      | 1/4   | .250   | 1.375 | 4.3390   |    | X   |
|         |      | 9/32  | .281   | 1.313 | 4.7840   |    | X   |
| 5/16    | .313 | 1.250 | 5.2220 |       | X        |    |     |
| 3/8     | .375 | 1.125 | 6.0080 |       | X        |    |     |
| 1-15/16 | X    | 1/8   | .125   | 1.688 | 2.4200   |    | X   |
|         |      | 5/32  | .156   | 1.626 | 2.9690   |    | X   |
|         |      | 7/32  | .219   | 1.500 | 4.0210   |    | X   |
|         |      | 1/4   | .250   | 1.438 | 4.5070   |    | X   |
|         |      | 3/8   | .375   | 1.188 | 6.2600   |    | X   |
| 2       | X    | 20    | .035   | 1.930 | .7345    | X  | X   |
|         |      | 18    | .049   | 1.902 | 1.0210   | X  | X   |
|         |      | 16    | .065   | 1.870 | 1.3430   | X  | X   |
|         |      | 14    | .083   | 1.834 | 1.6990   | X  | X   |
|         |      | 13    | .095   | 1.810 | 1.9330   | X  | X   |
|         |      | 12    | .109   | 1.782 | 2.2010   | X  | X   |
|         |      | 11    | .120   | 1.760 | 2.4090   | X  | X   |
|         |      | 1/8   | .125   | 1.750 | 2.5030   |    | X   |
|         |      | 10    | .134   | 1.732 | 2.6710   | X  | X   |
|         |      | 5/32  | .156   | 1.688 | 3.0720   |    | X   |
|         |      | 3/16  | .188   | 1.624 | 3.6380   |    | X   |
|         |      | 7/32  | .219   | 1.562 | 4.1660   |    | X   |
| 1/4     | .250 | 1.500 | 4.6730 |       | X        |    |     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |      | Ga    | Wall  | I.D.  | Lbs./Ft. | EW | DOM |
|--------|------|-------|-------|-------|----------|----|-----|
| 2      | X    | 9/32  | .281  | 1.438 | 5.159    |    | X   |
|        |      | 5/16  | .313  | 1.374 | 5.639    |    | X   |
|        |      | 11/32 | .344  | 1.312 | 6.084    |    | X   |
|        |      | 3/8   | .375  | 1.250 | 6.508    |    | X   |
|        |      | 7/16  | .438  | 1.125 | 7.307    |    | X   |
| 2-1/16 | X    | 5/32  | .156  | 1.751 | 3.177    |    | X   |
|        |      | 3/16  | .188  | 1.687 | 3.765    |    | X   |
|        |      | 1/4   | .250  | 1.563 | 4.841    |    | X   |
|        |      | 5/16  | .313  | 1.437 | 5.850    |    | X   |
| 2-1/8  | X    | 18    | .049  | 2.027 | 1.086    | X  | X   |
|        |      | 16    | .065  | 1.995 | 1.430    | X  | X   |
|        |      | 14    | .083  | 1.959 | 1.810    |    | X   |
|        |      | 13    | .095  | 1.935 | 2.060    |    | X   |
|        |      | 11    | .120  | 1.885 | 2.570    |    | X   |
|        |      | 1/8   | .125  | 1.875 | 2.670    |    | X   |
|        |      | 5/32  | .156  | 1.813 | 3.281    |    | X   |
|        |      | 3/16  | .188  | 1.750 | 3.889    |    | X   |
|        |      | 7/32  | .219  | 1.687 | 4.458    |    | X   |
|        |      | 1/4   | .250  | 1.625 | 5.006    |    | X   |
|        |      | 9/32  | .281  | 1.563 | 5.534    |    | X   |
|        |      | 5/16  | .313  | 1.500 | 6.057    |    | X   |
|        |      | 3/8   | .375  | 1.375 | 7.009    |    | X   |
| 7/16   | .438 | 1.250 | 7.892 |       | X        |    |     |
| 2-3/16 | X    | 1/8   | .125  | 1.938 | 2.754    |    | X   |
|        |      | 1/4   | .250  | 1.688 | 5.175    |    | X   |
| 2-1/4  | X    | 20    | .035  | 2.180 | .828     | X  |     |
|        |      | 18    | .049  | 2.152 | 1.152    | X  | X   |
|        |      | 16    | .065  | 2.120 | 1.517    | X  | X   |
|        |      | 14    | .083  | 2.084 | 1.921    | X  | X   |
|        |      | 13    | .095  | 2.060 | 2.187    |    | X   |
|        |      | 12    | .109  | 2.032 | 2.492    | X  | X   |
|        |      | 11    | .120  | 2.010 | 2.730    | X  | X   |
|        |      | 1/8   | .125  | 2.000 | 2.837    |    | X   |
|        |      | 10    | .134  | 1.982 | 3.028    |    | X   |
|        |      | 5/32  | .156  | 1.938 | 3.489    |    | X   |
|        |      | 3/16  | .188  | 1.874 | 4.140    |    | X   |
|        |      | 7/32  | .219  | 1.812 | 4.750    |    | X   |
|        |      | 1/4   | .250  | 1.750 | 5.340    |    | X   |
|        |      | 9/32  | .281  | 1.688 | 5.909    |    | X   |
|        |      | 5/16  | .313  | 1.625 | 6.475    |    | X   |
| 11/32  | .344 | 1.562 | 7.003 |       | X        |    |     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|--------|------|-------|--------|-------|----------|----|-----|
| 2-1/4  | X    | 3/8   | .375   | 1.500 | 7.509    |    | X   |
|        |      | 13/32 | .406   | 1.438 | 7.996    |    | X   |
|        |      | 7/16  | .438   | 1.375 | 8.476    |    | X   |
|        |      | 1/2   | .500   | 1.250 | 9.345    |    | X   |
| 2-5/16 | X    | 3/16  | .188   | 1.937 | 4.267    |    | X   |
|        |      | 1/4   | .250   | 1.813 | 5.508    |    | X   |
| 2-3/8  | X    | 18    | .049   | 2.277 | 1.217    | X  | X   |
|        |      | 16    | .065   | 2.245 | 1.604    | X  | X   |
|        |      | 14    | .083   | 2.209 | 2.032    |    | X   |
|        |      | 13    | .095   | 2.185 | 2.313    |    | X   |
|        |      | 12    | .109   | 2.157 | 2.638    |    | X   |
|        |      | 11    | .120   | 2.135 | 2.890    |    | X   |
|        |      | 1/8   | .125   | 2.125 | 3.004    |    | X   |
|        |      | 5/32  | .156   | 2.063 | 3.697    |    | X   |
|        |      | 3/16  | .188   | 2.000 | 4.391    |    | X   |
|        |      | 7/32  | .219   | 1.937 | 5.043    |    | X   |
|        |      | 1/4   | .250   | 1.875 | 5.674    |    | X   |
|        |      | 9/32  | .281   | 1.813 | 6.284    |    | X   |
|        |      | 5/16  | .313   | 1.750 | 6.893    |    | X   |
|        |      | 3/8   | .375   | 1.625 | 8.010    |    | X   |
| 7/16   | .438 | 1.500 | 9.061  |       | X        |    |     |
| 1/2    | .500 | 1.375 | 10.010 |       | X        |    |     |
| 2-7/16 | X    | 1/4   | .250   | 1.938 | 5.842    |    | X   |
| 2-1/2  | X    | 18    | .049   | 2.402 | 1.283    | X  |     |
|        |      | 16    | .065   | 2.370 | 1.690    | X  | X   |
|        |      | 14    | .083   | 2.334 | 2.143    | X  | X   |
|        |      | 13    | .095   | 2.310 | 2.440    | X  | X   |
|        |      | 12    | .109   | 2.282 | 2.783    |    | X   |
|        |      | 11    | .120   | 2.260 | 3.050    | X  | X   |
|        |      | 1/8   | .125   | 2.250 | 3.171    |    | X   |
|        |      | 5/32  | .156   | 2.188 | 3.905    |    | X   |
|        |      | 3/16  | .188   | 2.124 | 4.642    |    | X   |
|        |      | 7/32  | .219   | 2.062 | 5.335    |    | X   |
|        |      | 1/4   | .250   | 2.000 | 6.008    |    | X   |
|        |      | 9/32  | .281   | 1.938 | 6.659    |    | X   |
|        |      | 5/16  | .313   | 1.874 | 7.311    |    | X   |
|        |      | 11/32 | .344   | 1.812 | 7.921    |    | X   |
| 3/8    | .375 | 1.750 | 8.511  |       | X        |    |     |
| 7/16   | .438 | 1.624 | 9.646  |       | X        |    |     |
| 1/2    | .500 | 1.500 | 10.680 |       | X        |    |     |
| 9/16   | .563 | 1.375 | 11.650 |       | X        |    |     |

\* Inquire regarding Seamless and Butt Welded

(continued on next page)

**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|--------|------|-------|--------|-------|----------|----|-----|
| 2-9/16 | X    | 1/4   | .250   | 2.063 | 6.176    |    | X   |
| 2-5/8  | X    | 16    | .065   | 2.495 | 1.777    | X  | X   |
|        |      | 14    | .083   | 2.459 | 2.253    | X  | X   |
|        |      | 13    | .095   | 2.435 | 2.567    |    | X   |
|        |      | 12    | .109   | 2.407 | 2.929    |    | X   |
|        |      | 11    | .120   | 2.385 | 3.210    | X  | X   |
|        |      | 1/8   | .125   | 2.375 | 3.338    |    | X   |
|        |      | 5/32  | .156   | 2.313 | 4.114    |    | X   |
|        |      | 3/16  | .188   | 2.250 | 4.893    |    | X   |
|        |      | 7/32  | .219   | 2.187 | 5.627    |    | X   |
|        |      | 1/4   | .250   | 2.125 | 6.341    |    | X   |
|        |      | 9/32  | .281   | 2.063 | 7.035    |    | X   |
|        |      | 5/16  | .313   | 2.000 | 7.729    |    | X   |
|        |      | 3/8   | .375   | 1.875 | 9.011    |    | X   |
|        |      | 7/16  | .438   | 1.750 | 10.230   |    | X   |
|        |      | 1/2   | .500   | 1.625 | 11.350   |    | X   |
| 9/16   | .563 | 1.500 | 12.400 |       | X        |    |     |
| 2-3/4  | X    | 18    | .049   | 2.652 | 1.414    | X  |     |
|        |      | 16    | .065   | 2.620 | 1.864    | X  | X   |
|        |      | 14    | .083   | 2.584 | 2.364    | X  | X   |
|        |      | 13    | .095   | 2.560 | 2.694    | X  | X   |
|        |      | 11    | .120   | 2.510 | 3.371    | X  | X   |
|        |      | 1/8   | .125   | 2.500 | 3.504    |    | X   |
|        |      | 10    | .134   | 2.482 | 3.744    |    | X   |
|        |      | 5/32  | .156   | 2.438 | 4.322    |    | X   |
|        |      | 3/16  | .188   | 2.374 | 5.144    |    | X   |
|        |      | 7/32  | .219   | 2.312 | 5.920    |    | X   |
|        |      | 1/4   | .250   | 2.250 | 6.675    |    | X   |
|        |      | 5/16  | .313   | 2.125 | 8.147    |    | X   |
|        |      | 11/32 | .344   | 2.062 | 8.840    |    | X   |
|        |      | 3/8   | .375   | 2.000 | 9.512    |    | X   |
|        |      | 7/16  | .438   | 1.875 | 10.820   |    | X   |
| 1/2    | .500 | 1.750 | 12.020 |       | X        |    |     |
| 9/16   | .563 | 1.624 | 13.150 |       | X        |    |     |
| 5/8    | .625 | 1.500 | 14.180 |       | X        |    |     |
| 2-7/8  | X    | 16    | .065   | 2.745 | 1.951    | X  | X   |
|        |      | 14    | .083   | 2.709 | 2.475    | X  |     |
|        |      | 13    | .095   | 2.685 | 2.821    |    | X   |
|        |      | 11    | .120   | 2.635 | 3.531    | X  | X   |
|        |      | 1/8   | .125   | 2.625 | 3.671    |    | X   |
|        |      | 3/16  | .188   | 2.500 | 5.395    |    | X   |
|        |      | 7/32  | .219   | 2.437 | 6.212    |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |   | Ga    | Wall | I.D.  | Lbs./Ft. | EW | DOM |
|-------|---|-------|------|-------|----------|----|-----|
| 2-7/8 | X | 1/4   | .250 | 2.375 | 7.009    |    | X   |
|       |   | 9/32  | .281 | 2.313 | 7.785    |    | X   |
|       |   | 5/16  | .313 | 2.250 | 8.564    |    | X   |
|       |   | 3/8   | .375 | 2.125 | 10.010   |    | X   |
|       |   | 7/16  | .438 | 2.000 | 11.400   |    | X   |
|       |   | 1/2   | .500 | 1.875 | 12.680   |    | X   |
|       |   | 9/16  | .563 | 1.750 | 13.900   |    | X   |
|       |   | 5/8   | .625 | 1.625 | 15.020   |    | X   |
| 3     | X | 18    | .049 | 2.902 | 1.544    | X  |     |
|       |   | 16    | .065 | 2.870 | 2.038    | X  | X   |
|       |   | 14    | .083 | 2.834 | 2.586    | X  | X   |
|       |   | 13    | .095 | 2.810 | 2.947    | X  | X   |
|       |   | 12    | .109 | 2.782 | 3.366    | X  | X   |
|       |   | 11    | .120 | 2.760 | 3.691    | X  | X   |
|       |   | 1/8   | .125 | 2.750 | 3.838    |    | X   |
|       |   | 10    | .134 | 2.732 | 4.102    |    | X   |
|       |   | 5/32  | .156 | 2.688 | 4.738    |    | X   |
|       |   | 3/16  | .188 | 2.625 | 5.646    |    | X   |
|       |   | 7/32  | .219 | 2.562 | 6.505    |    | X   |
|       |   | 1/4   | .250 | 2.500 | 7.343    | X  | X   |
|       |   | 9/32  | .281 | 2.438 | 8.160    |    | X   |
|       |   | 5/16  | .313 | 2.375 | 8.982    |    | X   |
|       |   | 11/32 | .344 | 2.312 | 9.758    |    | X   |
|       |   | 3/8   | .375 | 2.250 | 10.510   |    | X   |
|       |   | 7/16  | .438 | 2.125 | 11.980   |    | X   |
|       |   | 1/2   | .500 | 2.000 | 13.350   |    | X   |
|       |   | 9/16  | .563 | 1.875 | 14.650   |    | X   |
|       |   | 5/8   | .625 | 1.750 | 15.850   |    | X   |
| 3-1/8 | X | 16    | .065 | 2.995 | 2.124    | X  | X   |
|       |   | 11    | .120 | 2.885 | 3.851    |    | X   |
|       |   | 1/8   | .125 | 2.875 | 4.005    |    | X   |
|       |   | 3/16  | .188 | 2.750 | 5.897    |    | X   |
|       |   | 7/32  | .219 | 2.687 | 6.797    |    | X   |
|       |   | 1/4   | .250 | 2.625 | 7.676    |    | X   |
|       |   | 5/16  | .313 | 2.500 | 9.400    |    | X   |
|       |   | 3/8   | .375 | 2.375 | 11.010   |    | X   |
|       |   | 7/16  | .438 | 2.250 | 12.570   |    | X   |
|       |   | 1/2   | .500 | 2.125 | 14.020   |    | X   |
|       |   | 9/16  | .563 | 2.000 | 15.400   |    | X   |
|       |   | 5/8   | .625 | 1.875 | 16.690   |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|-------|------|-------|--------|-------|----------|----|-----|
| 3-1/4 | X    | 16    | .065   | 3.120 | 2.221    | X  |     |
|       |      | 14    | .083   | 3.084 | 2.807    | X  | X   |
|       |      | 13    | .095   | 3.060 | 3.201    | X  | X   |
|       |      | 11    | .120   | 3.010 | 4.011    | X  | X   |
|       |      | 1/8   | .125   | 3.000 | 4.172    |    | X   |
|       |      | 10    | .134   | 2.982 | 4.459    |    | X   |
|       |      | 5/32  | .156   | 2.938 | 5.155    |    | X   |
|       |      | 3/16  | .188   | 2.875 | 6.148    | X  | X   |
|       |      | 7/32  | .219   | 2.812 | 7.089    |    | X   |
|       |      | 1/4   | .250   | 2.750 | 8.010    |    | X   |
|       |      | 9/32  | .281   | 2.688 | 8.910    |    | X   |
|       |      | 5/16  | .313   | 2.624 | 9.818    |    | X   |
|       |      | 11/32 | .344   | 2.562 | 10.680   |    | X   |
|       |      | 3/8   | .375   | 2.500 | 11.510   |    | X   |
|       |      | 7/16  | .438   | 2.375 | 13.150   |    | X   |
|       |      | 1/2   | .500   | 2.250 | 14.690   |    | X   |
|       |      | 9/16  | .563   | 2.125 | 16.160   |    | X   |
| 5/8   | .625 | 2.000 | 17.520 |       | X        |    |     |
| 3-3/8 | X    | 1/8   | .125   | 3.125 | 4.339    |    | X   |
|       |      | 3/16  | .188   | 3.000 | 6.339    |    | X   |
|       |      | 1/4   | .250   | 2.875 | 8.344    |    | X   |
|       |      | 5/16  | .313   | 2.750 | 10.240   |    | X   |
|       |      | 3/8   | .375   | 2.625 | 12.020   |    | X   |
|       |      | 7/16  | .438   | 2.500 | 13.740   |    | X   |
|       |      | 1/2   | .500   | 2.375 | 15.350   |    | X   |
|       |      | 9/16  | .563   | 2.250 | 16.910   |    | X   |
|       |      | 5/8   | .625   | 2.125 | 18.360   |    | X   |
| 3-1/2 | X    | 16    | .065   | 3.370 | 2.385    | X  | X   |
|       |      | 14    | .083   | 3.334 | 3.029    | X  | X   |
|       |      | 13    | .095   | 3.310 | 4.455    | X  | X   |
|       |      | 11    | .120   | 3.260 | 4.332    | X  | X   |
|       |      | 1/8   | .125   | 3.250 | 4.506    |    | X   |
|       |      | 10    | .134   | 3.232 | 4.817    |    | X   |
|       |      | 5/32  | .156   | 3.188 | 5.571    | X  | X   |
|       |      | 3/16  | .188   | 3.125 | 6.650    | X  | X   |
|       |      | 7/32  | .219   | 3.062 | 7.674    | X  | X   |
|       |      | 1/4   | .250   | 3.000 | 8.678    | X  | X   |
|       |      | 9/32  | .281   | 2.938 | 9.661    |    | X   |
|       |      | 5/16  | .313   | 2.875 | 10.650   |    | X   |
|       |      | 3/8   | .375   | 2.750 | 12.520   |    | X   |
|       |      | 7/16  | .438   | 2.624 | 14.320   |    | X   |
|       |      | 1/2   | .500   | 2.500 | 16.020   |    | X   |
| 9/16  | .563 | 2.375 | 17.660 |       | X        |    |     |
| 5/8   | .625 | 2.250 | 19.190 |       | X        |    |     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|-------|------|-------|--------|-------|----------|----|-----|
| 3-5/8 | X    | 16    | .065   | 3.495 | 2.471    | X  | X   |
|       |      | 1/8   | .125   | 3.375 | 4.673    |    | X   |
|       |      | 3/16  | .188   | 3.250 | 6.901    |    | X   |
|       |      | 1/4   | .250   | 3.125 | 9.011    |    | X   |
|       |      | 5/16  | .313   | 3.000 | 11.070   |    | X   |
|       |      | 3/8   | .375   | 2.875 | 13.020   |    | X   |
|       |      | 7/16  | .438   | 2.750 | 14.910   |    | X   |
|       |      | 1/2   | .500   | 2.625 | 16.690   |    | X   |
|       |      | 9/16  | .563   | 2.500 | 18.410   |    | X   |
|       |      | 5/8   | .625   | 2.375 | 20.030   |    | X   |
| 3-3/4 | X    | 16    | .065   | 3.620 | 2.558    | X  | X   |
|       |      | 14    | .083   | 3.584 | 2.807    |    | X   |
|       |      | 13    | .095   | 3.560 | 3.708    |    |     |
|       |      | 11    | .120   | 3.510 | 4.652    |    | X   |
|       |      | 1/8   | .125   | 3.500 | 4.839    |    |     |
|       |      | 10    | .134   | 3.482 | 5.175    |    |     |
|       |      | 3/16  | .188   | 3.375 | 7.152    |    | X   |
|       |      | 7/32  | .219   | 3.312 | 8.259    |    |     |
|       |      | 1/4   | .250   | 3.250 | 9.345    |    |     |
|       |      | 5/16  | .313   | 3.125 | 11.490   |    |     |
|       |      | 11/32 | .344   | 3.062 | 12.510   |    |     |
|       |      | 3/8   | .375   | 3.000 | 13.520   |    |     |
|       |      | 7/16  | .438   | 2.875 | 15.490   |    |     |
|       |      | 1/2   | .500   | 2.750 | 17.360   |    |     |
|       |      | 9/16  | .563   | 2.625 | 19.160   |    |     |
| 5/8   | .625 | 2.500 | 20.860 |       |          |    |     |
| 3-7/8 | X    | 1/8   | .125   | 3.625 | 5.006    |    | X   |
|       |      | 3/16  | .188   | 3.500 | 7.403    |    | X   |
|       |      | 1/4   | .250   | 3.375 | 9.679    |    | X   |
|       |      | 5/16  | .313   | 3.250 | 11.910   |    | X   |
|       |      | 3/8   | .375   | 3.125 | 14.020   |    | X   |
|       |      | 7/16  | .438   | 3.000 | 16.080   |    | X   |
|       |      | 1/2   | .500   | 2.875 | 18.020   |    | X   |
|       |      | 5/8   | .625   | 2.625 | 21.690   |    | X   |
| 4     | X    | 16    | .065   | 3.870 | 2.732    | X  |     |
|       |      | 14    | .083   | 3.834 | 3.472    |    | X   |
|       |      | 13    | .095   | 3.810 | 3.962    |    | X   |
|       |      | 12    | .109   | 3.782 | 4.530    |    | X   |
|       |      | 11    | .120   | 3.760 | 4.793    |    | X   |
|       |      | 1/8   | .125   | 3.750 | 5.173    |    |     |
|       |      | 10    | .134   | 3.732 | 5.533    |    | X   |
|       |      | 5/32  | .156   | 3.687 | 6.404    |    |     |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |   | Ga    | Wall | I.D.  | Lbs./Ft. | EW | DOM |
|-------|---|-------|------|-------|----------|----|-----|
| 4     | X | 3/16  | .188 | 3.625 | 7.654    | X  | X   |
|       |   | 7/32  | .219 | 3.562 | 8.844    | X  | X   |
|       |   | 1/4   | .250 | 3.500 | 10.010   | X  | X   |
|       |   | 9/32  | .281 | 3.438 | 11.160   |    | X   |
|       |   | 5/16  | .313 | 3.375 | 12.330   |    | X   |
|       |   | 3/8   | .375 | 3.250 | 14.520   |    | X   |
|       |   | 7/16  | .438 | 3.126 | 16.660   |    | X   |
|       |   | ½     | .500 | 3.000 | 18.690   |    | X   |
|       |   | 9/16  | .563 | 2.874 | 20.670   |    | X   |
|       |   | 5/8   | .625 | 2.750 | 22.530   |    | X   |
| 4-1/8 | X | 3/16  | .188 | 3.750 | 7.905    |    | X   |
|       |   | 1/4   | .250 | 3.625 | 10.350   |    | X   |
|       |   | 5/16  | .313 | 3.500 | 12.740   |    | X   |
|       |   | 3/8   | .375 | 3.375 | 15.020   |    | X   |
|       |   | 7/16  | .438 | 3.250 | 17.250   |    | X   |
|       |   | 1/2   | .500 | 3.125 | 19.360   |    | X   |
|       |   | 9/16  | .563 | 3.000 | 21.420   |    | X   |
|       |   | 5/8   | .625 | 2.875 | 23.360   |    | X   |
| 4-1/4 | X | 16    | .065 | 4.120 | 2.905    | X  |     |
|       |   | 13    | .095 | 4.060 | 4.216    | X  | X   |
|       |   | 11    | .120 | 4.010 | 5.293    | X  |     |
|       |   | 1/8   | .125 | 4.000 | 5.507    |    | X   |
|       |   | 5/32  | .156 | 3.937 | 6.821    |    | X   |
|       |   | 3/16  | .188 | 3.875 | 8.156    | X  | X   |
|       |   | 1/4   | .250 | 3.750 | 10.680   |    | X   |
|       |   | 5/16  | .313 | 3.625 | 13.160   |    | X   |
|       |   | 11/32 | .344 | 3.562 | 14.350   |    | X   |
|       |   | 3/8   | .375 | 3.500 | 15.520   |    | X   |
|       |   | 7/16  | .438 | 3.375 | 17.830   |    | X   |
|       |   | ½     | .500 | 3.250 | 20.030   |    | X   |
|       |   | 9/16  | .563 | 3.125 | 22.170   |    | X   |
|       |   | 5/8   | .625 | 3.000 | 24.200   |    | X   |
| 4-3/8 | X | 3/16  | .188 | 4.000 | 8.407    |    | X   |
|       |   | 1/4   | .250 | 3.875 | 11.010   |    | X   |
|       |   | 5/16  | .313 | 3.750 | 13.580   |    | X   |
|       |   | 3/8   | .375 | 3.625 | 16.020   |    | X   |
|       |   | 7/16  | .438 | 3.500 | 18.420   |    | X   |
|       |   | 1/2   | .500 | 3.375 | 20.690   |    | X   |
|       |   | 5/8   | .625 | 3.125 | 25.030   |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|-------|------|-------|--------|-------|----------|----|-----|
| 4-1/2 | X    | 16    | .065   | 4.370 | 3.079    | X  |     |
|       |      | 14    | .083   | 4.334 | 3.915    | X  |     |
|       |      | 13    | .095   | 4.310 | 4.469    | X  | X   |
|       |      | 11    | .120   | 4.260 | 5.613    | X  | X   |
|       |      | 1/8   | .125   | 4.250 | 5.841    |    | X   |
|       |      | 10    | .134   | 4.232 | 6.248    | X  |     |
|       |      | 5/32  | .156   | 4.188 | 7.237    |    | X   |
|       |      | 3/16  | .188   | 4.125 | 8.658    | X  | X   |
|       |      | 7/32  | .219   | 4.052 | 10.010   |    | X   |
|       |      | 1/4   | .250   | 4.000 | 11.350   | X  | X   |
|       |      | 5/16  | .313   | 3.875 | 14.000   |    | X   |
|       |      | 3/8   | .375   | 3.750 | 16.520   |    | X   |
|       |      | 7/16  | .438   | 3.625 | 19.000   |    | X   |
|       |      | 1/2   | .500   | 3.500 | 21.360   |    | X   |
|       |      | 9/16  | .563   | 3.375 | 23.670   |    | X   |
| 5/8   | .625 | 3.250 | 25.870 |       | X        |    |     |
| 4-5/8 | X    | 3/16  | .188   | 4.250 | 8.909    |    | X   |
|       |      | 1/4   | .250   | 4.125 | 11.680   |    | X   |
|       |      | 5/16  | .313   | 4.000 | 14.410   |    | X   |
|       |      | 3/8   | .375   | 3.875 | 17.020   |    | X   |
|       |      | 1/2   | .500   | 3.625 | 22.030   |    | X   |
|       |      | 5/8   | .625   | 3.375 | 26.700   |    | X   |
| 4-3/4 | X    | 11    | .120   | 4.510 | 5.934    | X  | X   |
|       |      | 1/8   | .125   | 4.500 | 6.174    |    | X   |
|       |      | 3/16  | .188   | 4.375 | 9.160    | X  | X   |
|       |      | 1/4   | .250   | 4.250 | 12.020   |    | X   |
|       |      | 5/16  | .313   | 4.125 | 14.830   |    | X   |
|       |      | 3/8   | .375   | 4.000 | 17.520   |    | X   |
|       |      | 7/16  | .438   | 3.875 | 20.170   |    | X   |
|       |      | 1/2   | .500   | 3.750 | 22.700   |    | X   |
|       |      | 9/16  | .563   | 3.625 | 25.180   |    | X   |
|       |      | 5/8   | .625   | 3.500 | 27.530   |    | X   |
| 4-7/8 | X    | 3/16  | .188   | 4.500 | 9.411    |    | X   |
|       |      | 1/4   | .250   | 4.375 | 12.350   |    | X   |
|       |      | 3/8   | .375   | 4.125 | 18.020   |    | X   |
|       |      | 7/16  | .438   | 4.000 | 20.760   |    | X   |
|       |      | 1/2   | .500   | 3.875 | 23.360   |    | X   |

\* Inquire regarding Seamless and Butt Welded

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**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |   | Ga   | Wall | I.D.  | Lbs./Ft. | EW | DOM |
|-------|---|------|------|-------|----------|----|-----|
| 5     | X | 16   | .065 | 4.870 | 3.426    | X  |     |
|       |   | 14   | .083 | 4.834 | 4.359    | X  |     |
|       |   | 13   | .095 | 4.810 | 4.977    | X  |     |
|       |   | 11   | .120 | 4.760 | 6.254    | X  | X   |
|       |   | 1/8  | .125 | 4.750 | 6.508    | X  | X   |
|       |   | 5/32 | .156 | 4.688 | 8.070    |    | X   |
|       |   | 7    | .180 | 4.640 | 9.266    | X  |     |
|       |   | 3/16 | .188 | 4.625 | 9.662    | X  | X   |
|       |   | 1/4  | .250 | 4.500 | 12.680   | X  | X   |
|       |   | 5/16 | .313 | 4.375 | 15.670   |    | X   |
|       |   | 3/8  | .375 | 4.250 | 18.520   | X  | X   |
|       |   | 7/16 | .438 | 4.125 | 21.340   |    | X   |
|       |   | 1/2  | .500 | 4.000 | 24.030   |    | X   |
|       |   | 9/16 | .563 | 3.875 | 26.680   |    | X   |
|       |   | 5/8  | .625 | 3.750 | 29.200   |    | X   |
| 5-1/8 | X | 5/16 | .313 | 4.500 | 16.090   |    | X   |
|       |   | 3/8  | .375 | 4.375 | 19.020   |    | X   |
|       |   | 1/2  | .500 | 4.125 | 24.700   |    | X   |
|       |   | 5/8  | .625 | 3.875 | 30.040   |    | X   |
| 5-1/4 | X | 11   | .120 | 5.010 | 6.575    | X  |     |
|       |   | 1/8  | .125 | 5.000 | 6.842    |    | X   |
|       |   | 3/16 | .188 | 4.875 | 10.160   |    | X   |
|       |   | 1/4  | .250 | 4.750 | 13.350   |    | X   |
|       |   | 5/16 | .313 | 4.625 | 16.500   |    | X   |
|       |   | 3/8  | .375 | 4.500 | 19.520   |    | X   |
|       |   | 1/2  | .500 | 4.250 | 25.370   |    | X   |
|       |   | 5/8  | .625 | 4.000 | 30.870   |    | X   |
| 5-1/2 | X | 16   | .065 | 5.370 | 3.773    | X  |     |
|       |   | 14   | .083 | 5.334 | 4.802    | X  | X   |
|       |   | 11   | .120 | 5.260 | 6.895    | X  | X   |
|       |   | 3/16 | .188 | 5.125 | 10.670   | X  | X   |
|       |   | 1/4  | .250 | 5.000 | 14.020   | X  | X   |
|       |   | 5/16 | .313 | 4.875 | 17.340   |    | X   |
|       |   | 3/8  | .375 | 4.750 | 20.530   |    | X   |
|       |   | 7/16 | .438 | 4.625 | 23.680   |    | X   |
|       |   | 1/2  | .500 | 4.500 | 26.700   |    | X   |
|       |   | 5/8  | .625 | 4.250 | 32.540   |    | X   |
| 5-5/8 | X | 5/16 | .313 | 5.000 | 17.760   |    | X   |
|       |   | 3/8  | .375 | 4.875 | 21.030   |    | X   |
|       |   | 1/2  | .500 | 4.625 | 27.370   |    | X   |
|       |   | 5/8  | .625 | 4.375 | 33.380   |    | X   |

\* Inquire regarding Seamless and Butt Welded

(continued on next page)

**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |   | Ga   | Wall | I.D.  | Lbs./Ft. | EW | DOM |
|-------|---|------|------|-------|----------|----|-----|
| 5-3/4 | X | 11   | .120 | 5.510 | 7.215    |    | X   |
|       |   | 1/8  | .125 | 5.500 | 7.509    |    | X   |
|       |   | 3/16 | .188 | 5.375 | 11.170   | X  | X   |
|       |   | 1/4  | .250 | 5.250 | 14.690   |    | X   |
|       |   | 5/16 | .313 | 5.125 | 18.180   |    | X   |
|       |   | 3/8  | .375 | 5.000 | 21.530   |    | X   |
|       |   | 1/2  | .500 | 4.750 | 28.040   |    | X   |
|       |   | 5/8  | .625 | 4.500 | 34.210   |    | X   |
| 6     | X | 16   | .065 | 5.870 | 4.120    | X  |     |
|       |   | 14   | .083 | 5.834 | 5.245    | X  |     |
|       |   | 12   | .109 | 5.782 | 6.858    | X  |     |
|       |   | 11   | .120 | 5.760 | 7.536    | X  |     |
|       |   | 1/8  | .125 | 5.750 | 7.843    | X  | X   |
|       |   | 10   | .134 | 5.732 | 8.395    | X  |     |
|       |   | 7    | .180 | 5.640 | 11.190   | X  |     |
|       |   | 3/16 | .188 | 5.625 | 11.670   |    | X   |
|       |   | 1/4  | .250 | 5.500 | 15.350   | X  | X   |
|       |   | 5/16 | .313 | 5.375 | 19.010   |    | X   |
|       |   | 3/8  | .375 | 5.250 | 22.530   |    | X   |
|       |   | 1/2  | .500 | 5.000 | 29.370   |    | X   |
|       |   | 9/16 | .563 | 4.875 | 32.690   |    | X   |
|       |   | 5/8  | .625 | 4.750 | 35.880   |    | X   |
| 6-1/4 | X | 1/8  | .125 | 6.000 | 8.177    |    | X   |
|       |   | 3/16 | .188 | 5.875 | 12.170   |    | X   |
|       |   | 1/4  | .250 | 5.750 | 16.020   |    | X   |
|       |   | 5/16 | .313 | 5.625 | 19.850   |    | X   |
|       |   | 3/8  | .375 | 5.500 | 23.530   |    | X   |
|       |   | 1/2  | .500 | 5.250 | 30.710   |    | X   |
|       |   | 5/8  | .625 | 5.000 | 37.550   |    | X   |
| 6-1/2 | X | 10   | .134 | 6.232 | 9.111    | X  |     |
|       |   | 3/16 | .188 | 6.125 | 12.670   |    | X   |
|       |   | 1/4  | .250 | 6.000 | 16.690   |    | X   |
|       |   | 3/8  | .375 | 5.750 | 24.530   |    | X   |
|       |   | 1/2  | .500 | 5.500 | 32.040   |    | X   |
|       |   | 5/8  | .625 | 5.250 | 39.220   |    | X   |
| 6-5/8 | X | 12   | .109 | 6.407 | 7.585    | X  |     |
|       |   | 1/8  | .125 | 6.375 | 8.670    | X  |     |
|       |   | 10   | .134 | 6.357 | 9.320    | X  |     |
|       |   | 3/16 | .188 | 6.250 | 12.920   |    | X   |
|       |   | 1/4  | .250 | 6.125 | 17.020   |    | X   |
|       |   | 5/16 | .313 | 6.000 | 21.100   |    | X   |

\* Inquire regarding Seamless and Butt Welded

(continued on next page)

**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.  |      | Ga    | Wall   | I.D.  | Lbs./Ft. | EW | DOM |
|-------|------|-------|--------|-------|----------|----|-----|
| 6-3/4 | X    | 1/4   | .250   | 6.250 | 17.360   |    | X   |
|       |      | 3/8   | .375   | 6.000 | 25.530   |    | X   |
|       |      | 1/2   | .500   | 5.750 | 33.380   |    | X   |
|       |      | 5/8   | .625   | 5.500 | 40.880   |    | X   |
| 7     | X    | 17    | .058   | 6.884 | 4.300    | X  |     |
|       |      | 15    | .072   | 6.856 | 5.327    | X  |     |
|       |      | 1/8   | .125   | 6.750 | 9.187    | X  |     |
|       |      | 3/16  | .188   | 6.625 | 13.680   |    | X   |
|       |      | 1/4   | .250   | 6.500 | 18.020   |    | X   |
|       |      | 3/8   | .375   | 6.250 | 26.530   |    | X   |
|       |      | 1/2   | .500   | 6.000 | 34.710   |    | X   |
|       |      | 5/8   | .625   | 5.750 | 42.550   |    | X   |
| 7-1/4 | X    | 3/16  | .188   | 6.875 | 14.180   |    | X   |
|       |      | 1/4   | .250   | 6.750 | 18.690   |    | X   |
|       |      | 3/8   | .375   | 6.500 | 27.530   |    | X   |
|       |      | 1/2   | .500   | 6.250 | 36.050   |    | X   |
|       |      | 5/8   | .625   | 6.000 | 44.220   |    | X   |
| 7-1/2 | X    | 1/4   | .250   | 7.000 | 19.360   |    | X   |
|       |      | 3/8   | .375   | 6.750 | 28.540   |    | X   |
|       |      | 1/2   | .500   | 6.500 | 37.380   |    | X   |
|       |      | 5/8   | .625   | 6.250 | 45.890   |    | X   |
| 7-3/4 | X    | 1/4   | .250   | 7.250 | 20.030   |    | X   |
|       |      | 3/8   | .375   | 7.000 | 29.540   |    | X   |
|       |      | 1/2   | .500   | 6.750 | 38.720   |    | X   |
|       |      | 5/8   | .625   | 6.500 | 47.560   |    | X   |
| 8     | X    | 16    | .065   | 7.870 | 5.290    | X  |     |
|       |      | 15    | .072   | 7.856 | 6.096    | X  |     |
|       |      | 12    | .109   | 7.782 | 9.186    | X  |     |
|       |      | 1/8   | .125   | 7.750 | 10.510   | X  |     |
|       |      | 10    | .134   | 7.732 | 11.260   | X  |     |
|       |      | 3/16  | .188   | 7.625 | 15.690   | X  |     |
|       |      | 1/4   | .250   | 7.500 | 20.690   | X  | X   |
|       |      | 3/8   | .375   | 7.250 | 30.540   |    | X   |
|       |      | 1/2   | .500   | 7.000 | 40.050   |    | X   |
| 5/8   | .625 | 6.750 | 49.230 |       | X        |    |     |
| 8-1/4 | X    | 1/4   | .250   | 7.750 | 21.360   |    | X   |
|       |      | 3/8   | .375   | 7.500 | 31.540   |    | X   |
|       |      | 1/2   | .500   | 7.250 | 41.390   |    | X   |
|       |      | 5/8   | .625   | 7.000 | 60.080   |    | X   |

\* Inquire regarding Seamless and Butt Welded

(continued on next page)



**ROUND MECHANICAL TUBING**  
**ASTM A-513, Electric Welded & DOM**  
**Length 20' Random**

| O.D.   |   | Ga   | Wall | I.D.   | Lbs./Ft. | EW | DOM |
|--------|---|------|------|--------|----------|----|-----|
| 8-1/2  | X | 1/4  | .250 | 8.000  | 22.030   |    | X   |
|        |   | 3/8  | .375 | 7.750  | 32.540   |    | X   |
|        |   | 1/2  | .500 | 7.500  | 42.720   |    | X   |
| 8-5/8  | X | 1/8  | .125 | 8.375  | 11.350   | X  |     |
| 8-3/4  | X | 3/8  | .375 | 8.000  | 33.540   |    | X   |
|        |   | 1/2  | .500 | 7.750  | 44.060   |    | X   |
| 9      | X | 1/4  | .250 | 8.500  | 23.360   |    | X   |
|        |   | 3/8  | .375 | 8.250  | 34.540   |    | X   |
|        |   | 1/2  | .500 | 8.000  | 45.390   |    | X   |
| 9-1/4  | X | 1/2  | .500 | 8.250  | 46.730   |    | X   |
| 9-1/2  | X | 1/4  | .250 | 9.000  | 24.700   |    | X   |
|        |   | 3/8  | .375 | 8.750  | 36.550   |    | X   |
|        |   | 1/2  | .500 | 8.500  | 48.060   |    | X   |
| 9-3/4  | X | 1/4  | .250 | 9.250  | 25.370   |    | X   |
|        |   | 3/8  | .375 | 9.000  | 37.550   |    | X   |
|        |   | 1/2  | .500 | 8.250  | 49.400   |    | X   |
| 10     | X | 15   | .072 | 9.856  | 7.634    | X  |     |
|        |   | 12   | .109 | 9.782  | 11.510   | X  |     |
|        |   | 1/8  | .125 | 9.750  | 13.490   | X  |     |
|        |   | 10   | .134 | 9.732  | 14.120   | X  |     |
|        |   | 3/16 | .188 | 9.625  | 19.700   | X  |     |
|        |   | 1/4  | .250 | 9.500  | 26.030   |    | X   |
|        |   | 3/8  | .375 | 9.250  | 38.550   |    | X   |
|        |   | 1/2  | .500 | 9.000  | 50.730   |    | X   |
|        |   | 5/8  | .625 | 8.750  | 62.580   |    | X   |
| 10-1/2 | X | 1/4  | .250 | 10.000 | 27.370   |    | X   |
|        |   | 3/8  | .375 | 9.750  | 40.550   |    | X   |
|        |   | 1/2  | .500 | 9.500  | 53.400   |    | X   |
| 11     | X | 1/2  | .500 | 10.500 | 56.070   |    | X   |
| 12     | X | 12   | .105 | 11.790 | 13.650   | X  |     |
|        |   | 10   | .135 | 11.730 | 17.550   | X  |     |
|        |   | 3/16 | .188 | 11.625 | 23.720   | X  |     |
|        |   | 1/4  | .250 | 11.500 | 31.370   |    | X   |
|        |   | 3/8  | .375 | 11.250 | 46.560   |    | X   |
|        |   | 1/2  | .500 | 11.000 | 61.410   |    | X   |

\* Inquire regarding Seamless and Butt Welded

**PIPE SIZE TUBING**  
**ASTM A-500 B, Length 21' (also available 42')**  
**Uncoated, Not Pressure Tested**

| Size  | Schedule | O.D.  | I.D.  | Wall | Lbs./Ft. |
|-------|----------|-------|-------|------|----------|
| 1/2   | 40       | .840  | .622  | .109 | .850     |
| 3/4   | 40       | 1.050 | .824  | .113 | 1.130    |
|       | 80       | 1.050 | .742  | .154 | 1.470    |
| 1     | 10       | 1.315 | 1.097 | .109 | 1.404    |
|       | 40       | 1.315 | 1.049 | .133 | 1.680    |
|       | 80       | 1.315 | .957  | .179 | 2.170    |
| 1-1/4 | 10       | 1.660 | 1.442 | .109 | 1.806    |
|       | 40       | 1.660 | 1.380 | .140 | 2.270    |
|       | 80       | 1.660 | 1.278 | .191 | 3.000    |
| 1-1/2 | 10       | 1.900 | 1.682 | .109 | 2.085    |
|       | 40       | 1.900 | 1.610 | .145 | 2.720    |
|       | 80       | 1.900 | 1.500 | .200 | 3.630    |
| 2     | 10       | 2.375 | 2.157 | .109 | 2.638    |
|       | 40       | 2.375 | 2.067 | .154 | 3.650    |
|       | 80       | 2.375 | 1.939 | .218 | 5.020    |
| 2-1/2 | 40       | 2.875 | 2.469 | .203 | 5.790    |
|       | 80       | 2.875 | 2.323 | .276 | 7.660    |
| 3     | 40       | 3.500 | 3.068 | .216 | 7.580    |
|       | 80       | 3.500 | 2.900 | .300 | 10.250   |
| 3-1/2 | 40       | 4.000 | 3.548 | .226 | 9.111    |
|       | 80       | 4.000 | 3.364 | .318 | 12.500   |
| 4     | 40       | 4.500 | 4.026 | .237 | 10.790   |
|       | 80       | 4.500 | 3.826 | .337 | 14.780   |
| 5     | 40       | 5.563 | 5.047 | .258 | 14.620   |
|       | 80       | 5.563 | 4.813 | .375 | 20.780   |
| 6     | -        | 6.625 | 6.249 | .188 | 12.925   |
|       | 40       | 6.625 | 6.065 | .280 | 18.970   |
|       | 80       | 6.625 | 5.761 | .432 | 28.570   |
| 8     | 40       | 8.625 | 7.981 | .322 | 28.550   |
|       | 80       | 8.625 | 7.625 | .500 | 43.390   |

**PIPE – BLACK PLAIN END**  
**Schedule 40, ASTM A-53, Tested**  
**Length 21' (also available 42')**

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

**PIPE – BLACK EXTRA HEAVY PLAIN END**  
**Schedule 80, ASTM A-53, Tested**  
**Length 21' (also available 42')**

| Size  | O.D.  | I.D.  | Wall | Lbs./Ft. |
|-------|-------|-------|------|----------|
| 1/2   | .840  | .546  | .147 | 1.09     |
| 3/4   | 1.050 | .742  | .154 | 1.47     |
| 1     | 1.315 | .957  | .179 | 2.17     |
| 1-1/4 | 1.660 | 1.278 | .191 | 3.00     |
| 1-1/2 | 1.900 | 1.500 | .200 | 3.63     |
| 2     | 2.375 | 1.939 | .218 | 5.02     |
| 2-1/2 | 2.875 | 2.323 | .276 | 7.66     |
| 3     | 3.500 | 2.900 | .300 | 10.25    |
| 3-1/2 | 4.000 | 3.364 | .318 | 12.51    |
| 4     | 4.500 | 3.826 | .337 | 14.98    |
| 5     | 5.563 | 4.813 | .375 | 20.78    |
| 6     | 6.625 | 5.761 | .432 | 28.57    |
| 8     | 8.625 | 7.625 | .500 | 43.39    |

**PIPE – BLACK THREADED & COUPLED**  
**Schedule 40, ASTM A-53, Tested**  
**Length 21' (also available 42')**

| Size  | O.D.  | I.D.  | Wall | Lbs./Ft. |
|-------|-------|-------|------|----------|
| 1/8   | .405  | .269  | .068 | .24      |
| 1/4   | .540  | .364  | .088 | .42      |
| 3/8   | .675  | .493  | .091 | .57      |
| 1/2   | .840  | .622  | .109 | .85      |
| 3/4   | 1.050 | .824  | .113 | 1.13     |
| 1     | 1.315 | 1.049 | .133 | 1.68     |
| 1-1/4 | 1.660 | 1.308 | .140 | 2.28     |
| 1-1/2 | 1.900 | 1.610 | .145 | 2.73     |
| 2     | 2.375 | 2.067 | .154 | 3.68     |
| 2-1/2 | 2.875 | 2.469 | .203 | 5.79     |
| 3     | 3.500 | 3.068 | .216 | 7.58     |
| 3-1/2 | 4.000 | 3.548 | .226 | 9.11     |
| 4     | 4.500 | 4.026 | .237 | 10.79    |

**PIPE – GALVANIZED PLAIN END  
Schedule 40, ASTM A-53, Tested  
Length 21'**

| Size  | O.D.  | I.D.  | Wall | Lbs./Ft. |
|-------|-------|-------|------|----------|
| 1/8   | .405  | .269  | .068 | .068     |
| 1/4   | .540  | .364  | .088 | .088     |
| 3/8   | .675  | .493  | .091 | .091     |
| 1/2   | .840  | .622  | .109 | .109     |
| 3/4   | 1.050 | .824  | .113 | .113     |
| 1     | 1.315 | 1.049 | .133 | .133     |
| 1-1/4 | 1.660 | 1.380 | .140 | .140     |
| 1-1/2 | 1.900 | 1.610 | .145 | .145     |
| 2     | 2.375 | 2.067 | .154 | .154     |
| 2-1/2 | 2.875 | 2.469 | .203 | .203     |
| 3     | 3.500 | 3.068 | .216 | .216     |
| 3-1/2 | 4.000 | 3.548 | .226 | .226     |
| 4     | 4.500 | 4.026 | .237 | .237     |

**PIPE - GALVANIZED THREADED & COUPLED  
Schedule 40, ASTM A-53, Tested  
Length 21'**

| Size  | O.D.  | I.D.  | Wall | Lbs./Ft. |
|-------|-------|-------|------|----------|
| 1/2   | .840  | .622  | .109 | .85      |
| 3/4   | 1.050 | .824  | .113 | 1.13     |
| 1     | 1.315 | 1.049 | .133 | 1.68     |
| 1-1/4 | 1.660 | 1.380 | .140 | 2.28     |
| 1-1/2 | 1.900 | 1.610 | .145 | 2.73     |
| 2     | 2.375 | 2.067 | .154 | 3.68     |
| 2-1/2 | 2.875 | 2.496 | .203 | 5.82     |
| 3     | 3.500 | 3.068 | .216 | 7.62     |
| 3-1/2 | 4.000 | 3.548 | .226 | 9.11     |
| 4     | 4.500 | 4.026 | .237 | 10.79    |



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## HOT ROLLED SHEET

### Low Carbon, Commercial Quality

| 7ga (.1793) |   |        | 7.500#/Sq.Ft. | 10ga (.1345) |   |        | 5.625#/Sq.Ft. |
|-------------|---|--------|---------------|--------------|---|--------|---------------|
| Width       |   | Length | Lbs./Sheet    | Width        |   | Length | Lbs./Sheet    |
| 36          | X | 96     | 180.0         | 36           | X | 96     | 135.0         |
|             |   | 120    | 225.0         |              |   | 120    | 168.8         |
|             |   | 144    | 270.0         |              |   | 144    | 202.5         |
|             |   | 240    | 450.0         |              |   |        |               |
| 48          | X | 96     | 240.0         | 48           | X | 96     | 180.0         |
|             |   | 120    | 300.0         |              |   | 120    | 225.0         |
|             |   | 144    | 360.0         |              |   | 144    | 270.0         |
|             |   | 240    | 600.0         |              |   | 240    | 450.0         |
| 60          | X | 96     | 300.0         | 60           | X | 96     | 225.0         |
|             |   | 120    | 375.0         |              |   | 120    | 281.3         |
|             |   | 144    | 450.0         |              |   | 144    | 337.5         |
|             |   | 240    | 750.0         |              |   | 240    | 562.5         |
| 72          | X | 96     | 360.0         | 72           | X | 96     | 270.0         |
|             |   | 120    | 450.0         |              |   | 120    | 337.5         |
|             |   | 144    | 540.0         |              |   | 144    | 405.0         |
|             |   | 240    | 900.0         |              |   | 240    | 675.0         |
| 8ga (.1644) |   |        | 6.875#/Sq.Ft. | 11ga (.1196) |   |        | 5.000#/Sq.Ft. |
| Width       |   | Length | Lbs./Sheet    | Width        |   | Length | Lbs./Sheet    |
| 36          | X | 96     | 165.0         | 36           | X | 96     | 120.0         |
|             |   | 120    | 206.3         |              |   | 120    | 150.0         |
| 48          | X | 96     | 220.0         | 48           | X | 96     | 160.0         |
|             |   | 120    | 275.0         |              |   | 120    | 200.0         |
|             |   | 144    | 330.0         |              |   | 144    | 240.0         |
| 60          | X | 96     | 275.0         | 60           | X | 96     | 200.0         |
|             |   | 120    | 343.8         |              |   | 120    | 250.0         |
|             |   | 144    | 412.5         |              |   | 144    | 300.0         |
|             |   | 240    | 687.5         |              |   | 240    | 500.0         |
| 72          | X | 96     | 330.0         | 72           | X | 96     | 240.0         |
|             |   | 120    | 412.5         |              |   | 120    | 300.0         |
|             |   | 144    | 495.0         |              |   | 144    | 360.0         |
|             |   | 240    | 825.0         |              |   | 240    | 600.0         |

\* Inquire regarding 84" and 96" widths

(continued on next page)

## HOT ROLLED SHEET

### Low Carbon, Commercial Quality

| 12ga (.1046) |   |        | 4.375#/Sq.Ft. | 16ga (.0598) |   |        | 2.500#/Sq.Ft. |
|--------------|---|--------|---------------|--------------|---|--------|---------------|
| Width        |   | Length | Lbs./Sheet    | Width        |   | Length | Lbs./Sheet    |
| 36           | X | 96     | 105.0         | 36           | X | 96     | 135.0         |
|              |   | 120    | 131.5         |              |   | 120    | 168.8         |
|              |   | 144    | 157.5         |              |   | 144    | 202.5         |
| 48           | X | 96     | 140.0         | 48           | X | 96     | 180.0         |
|              |   | 120    | 175.0         |              |   | 120    | 225.0         |
|              |   | 144    | 210.0         |              |   | 144    | 270.0         |
|              |   | 240    | 350.0         |              |   |        |               |
| 60           | X | 96     | 175.0         | 60           | X | 96     | 225.0         |
|              |   | 120    | 218.8         |              |   | 120    | 281.3         |
|              |   | 144    | 262.5         |              |   | 144    | 337.5         |
|              |   | 240    | 437.5         |              |   |        |               |
| 72           | X | 96     | 210.0         |              |   |        |               |
|              |   | 120    | 262.5         |              |   |        |               |
|              |   | 144    | 315.0         |              |   |        |               |
|              |   | 240    | 525.0         |              |   |        |               |
| 14ga (.0747) |   |        | 3.125#/Sq.Ft. |              |   |        |               |
| Width        |   | Length | Lbs./Sheet    |              |   |        |               |
| 36           | X | 96     | 75.0          |              |   |        |               |
|              |   | 120    | 93.8          |              |   |        |               |
|              |   | 144    | 112.5         |              |   |        |               |
| 48           | X | 96     | 100.0         |              |   |        |               |
|              |   | 120    | 125.0         |              |   |        |               |
|              |   | 144    | 150.0         |              |   |        |               |
| 60           | X | 96     | 125.0         |              |   |        |               |
|              |   | 120    | 156.3         |              |   |        |               |
|              |   | 144    | 187.5         |              |   |        |               |
| 72           | X | 96     | 150.0         |              |   |        |               |
|              |   | 120    | 187.5         |              |   |        |               |
|              |   | 144    | 225.0         |              |   |        |               |

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**HR Sheets are also available  
Pickled and Oiled**

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\* Inquire regarding 84" and 96" widths





## COLD ROLLED SHEET Commercial Quality

| 18ga (.0478) |   |        |  | 2.000#/Sq. Ft. | 22ga (.0299) |        |     | 1.250#/Sq. Ft. |
|--------------|---|--------|--|----------------|--------------|--------|-----|----------------|
| Width        |   | Length |  | Lbs./Sheet     | Width        | Length |     | Lbs./Sheet     |
| 36           | X | 96     |  | 48.00          | 36           | X      | 96  | 30.00          |
|              |   | 120    |  | 60.00          |              |        | 120 | 37.50          |
|              |   | 144    |  | 72.00          |              |        | 144 | 45.00          |
| 48           | X | 96     |  | 64.00          | 48           | X      | 96  | 40.00          |
|              |   | 120    |  | 80.00          |              |        | 120 | 50.00          |
|              |   | 144    |  | 96.00          |              |        | 144 | 60.00          |
| 60           | X | 96     |  | 80.00          | 60           | X      | 120 | 62.50          |
|              |   | 120    |  | 100.00         |              |        | 144 | 75.00          |
|              |   | 144    |  | 120.00         |              |        |     |                |
| 72           | X | 120    |  | 120.00         | 72           | X      | 120 | 75.00          |
| 20ga (.0359) |   |        |  | 1.500#/Sq. Ft. | 24ga (.0239) |        |     | 1.000#/Sq. Ft. |
| Width        |   | Length |  | Lbs./Sheet     | Width        | Length |     | Lbs./Sheet     |
| 36           | X | 96     |  | 36.00          | 36           | X      | 96  | 24.00          |
|              |   | 120    |  | 45.00          |              |        | 120 | 30.00          |
|              |   | 144    |  | 54.00          |              |        | 144 | 45.00          |
| 48           | X | 96     |  | 48.00          | 48           | X      | 96  | 32.00          |
|              |   | 120    |  | 60.00          |              |        | 120 | 40.00          |
|              |   | 144    |  | 72.00          |              |        | 144 | 60.00          |
| 60           | X | 96     |  | 60.00          | 60           | X      | 120 | 50.00          |
|              |   | 120    |  | 75.00          |              |        | 144 | 60.00          |
|              |   | 144    |  | 90.00          |              |        |     |                |
| 72           | X | 120    |  | 90.00          | 72           | X      | 120 | 60.00          |
|              |   |        |  |                | 26ga (.0179) |        |     | .750#/Sq. Ft.  |
| Width        |   | Length |  | Lbs./Sheet     | Width        | Length |     | Lbs./Sheet     |
| 36           | X | 96     |  | 18.00          | 36           | X      | 96  | 18.00          |
|              |   | 120    |  | 22.50          |              |        | 120 | 22.50          |
|              |   | 144    |  | 27.00          |              |        | 144 | 27.00          |
| 48           | X | 96     |  | 24.00          | 48           | X      | 96  | 24.00          |
|              |   | 120    |  | 30.00          |              |        | 120 | 30.00          |
|              |   | 144    |  | 36.00          |              |        | 144 | 36.00          |

## GALVANIZED SHEET

### ASTM A – 653, Type B, G90

| <b>8ga (.1681)</b>  |   |               | <b>7.031#/Sq. Ft.</b> | <b>14ga (.0785)</b> |               |     | <b>3.281#/Sq. Ft.</b> |
|---------------------|---|---------------|-----------------------|---------------------|---------------|-----|-----------------------|
| <b>Width</b>        |   | <b>Length</b> | <b>Lbs./Sheet</b>     | <b>Width</b>        | <b>Length</b> |     | <b>Lbs./Sheet</b>     |
| 48                  | X | 96            | 225.00                | 36                  | X             | 96  | 78.75                 |
|                     |   | 120           | 281.25                |                     |               | 120 | 98.43                 |
|                     |   | 144           | 337.50                |                     |               | 144 | 118.12                |
| <b>10ga (.1382)</b> |   |               | <b>5.781#/Sq. Ft.</b> | 48                  | X             | 96  | 105.00                |
| <b>Width</b>        |   | <b>Length</b> | <b>Lbs./Sheet</b>     |                     |               | 120 | 131.25                |
| 36                  | X | 96            | 138.75                |                     |               | 144 | 157.50                |
|                     |   | 120           | 173.43                | 60                  | X             | 120 | 164.05                |
| 48                  | X | 96            | 185.00                | <b>16ga (.0635)</b> |               |     | <b>2.656#/Sq. Ft.</b> |
|                     |   | 120           | 231.25                | <b>Width</b>        | <b>Length</b> |     | <b>Lbs./Sheet</b>     |
|                     |   | 144           | 277.50                | 36                  | X             | 96  | 63.75                 |
| 60                  | X | 120           | 289.05                |                     |               | 120 | 79.68                 |
| <b>11ga (.1233)</b> |   |               | <b>5.156#/Sq. Ft.</b> |                     |               | 144 | 95.60                 |
| <b>Width</b>        |   | <b>Length</b> | <b>Lbs./Sheet</b>     | 48                  | X             | 96  | 85.00                 |
| 48                  | X | 96            | 165.00                |                     |               | 120 | 106.20                |
|                     |   | 120           | 206.25                |                     |               | 144 | 127.50                |
|                     |   | 144           | 247.50                | 60                  | X             | 120 | 132.80                |
| <b>12ga (.1084)</b> |   |               | <b>4.531#/Sq. Ft.</b> | <b>18ga (.0516)</b> |               |     | <b>2.156#/Sq. Ft.</b> |
| <b>Width</b>        |   | <b>Length</b> | <b>Lbs./Sheet</b>     | <b>Width</b>        | <b>Length</b> |     | <b>Lbs./Sheet</b>     |
| 36                  | X | 96            | 108.75                | 36                  | X             | 96  | 51.75                 |
|                     |   | 120           | 135.93                |                     |               | 120 | 64.68                 |
| 48                  | X | 96            | 145.00                | 48                  | X             | 96  | 70.00                 |
|                     |   | 120           | 181.25                |                     |               | 120 | 86.25                 |
|                     |   | 144           | 217.50                |                     |               | 144 | 103.50                |
| 60                  | X | 120           | 226.55                | 60                  | X             | 120 | 107.80                |
|                     |   | 144           | 271.86                |                     |               | 144 | 129.36                |

\* most 36" and 48" wide also available Galvannealed

(continued on next page)

**GALVANIZED SHEET**  
**ASTM A – 653, Type B, G90**

| <b>20ga (.0396)</b> |   |               |  | <b>1.656#/Sq. Ft.</b> |  | <b>24ga (.0276)</b> |   |               | <b>1.156#/Sq. Ft.</b> |                   |  |
|---------------------|---|---------------|--|-----------------------|--|---------------------|---|---------------|-----------------------|-------------------|--|
| <b>Width</b>        |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  | <b>Width</b>        |   | <b>Length</b> |                       | <b>Lbs./Sheet</b> |  |
| 36                  | X | 96            |  | 39.75                 |  | 36                  | X | 96            |                       | 27.75             |  |
|                     |   | 120           |  | 49.68                 |  |                     |   | 120           |                       | 34.68             |  |
| 48                  | X | 96            |  | 53.00                 |  | 48                  | X | 96            |                       | 37.00             |  |
|                     |   | 120           |  | 66.25                 |  |                     |   | 120           |                       | 46.25             |  |
|                     |   | 144           |  | 79.50                 |  |                     |   | 144           |                       | 55.50             |  |
| 60                  | X | 120           |  | 82.80                 |  | 60                  | X | 120           |                       | 57.80             |  |
| <b>22ga (.0336)</b> |   |               |  | <b>1.406#/Sq. Ft.</b> |  | <b>26ga (.0217)</b> |   |               | <b>.906#/Sq. Ft.</b>  |                   |  |
| <b>Width</b>        |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  | <b>Width</b>        |   | <b>Length</b> |                       | <b>Lbs./Sheet</b> |  |
| 36                  | X | 96            |  | 33.75                 |  | 36                  | X | 96            |                       | 21.80             |  |
|                     |   | 120           |  | 42.18                 |  |                     |   | 120           |                       | 27.20             |  |
| 48                  | X | 96            |  | 45.00                 |  | 48                  | X | 96            |                       | 29.00             |  |
|                     |   | 120           |  | 56.25                 |  |                     |   | 120           |                       | 36.25             |  |
| 60                  | X | 120           |  | 82.80                 |  | 60                  | X | 120           |                       | 45.30             |  |
|                     |   |               |  |                       |  | <b>28ga (.0187)</b> |   |               | <b>.781#/Sq. Ft.</b>  |                   |  |
| <b>Width</b>        |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  | <b>Width</b>        |   | <b>Length</b> |                       | <b>Lbs./Sheet</b> |  |
| 36                  | X | 96            |  |                       |  | 36                  | X | 96            |                       | 18.80             |  |
|                     |   | 120           |  |                       |  |                     |   | 120           |                       | 23.40             |  |

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**Most 36" and 48" wide also available Galvannealed**

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## HOT ROLLED PLATE

### ASTM A-36/ A-572 Gr. 50 / Abrasion Resisting

| <b>3/16"</b> |   |               | <b>7.66#/Sq. Ft.</b>  | <b>1/4" (cont.)</b> |   |               | <b>10.21#/Sq. Ft.</b> |
|--------------|---|---------------|-----------------------|---------------------|---|---------------|-----------------------|
| <b>Width</b> |   | <b>Length</b> | <b>Lbs./Sheet</b>     | <b>Width</b>        |   | <b>Length</b> | <b>Lbs./Sheet</b>     |
| 36           | X | 96            | 183.84                | 48                  | X | 96            | 326.72                |
|              |   | 120           | 229.80                |                     |   | 120           | 408.40                |
|              |   | 144           | 275.76                |                     |   | 144           | 490.08                |
|              |   |               |                       |                     |   | 240           | 816.80                |
| 48           | X | 96            | 245.12                | 60                  | X | 96            | 408.40                |
|              |   | 120           | 306.40                |                     |   | 120           | 510.50                |
|              |   | 144           | 367.68                |                     |   | 144           | 612.60                |
|              |   | 240           | 612.80                |                     |   | 240           | 1021.00               |
| 60           | X | 96            | 306.40                |                     |   | 480           | 2042.00               |
|              |   | 120           | 383.00                |                     |   |               |                       |
|              |   | 144           | 459.60                | 72                  | X | 96            | 490.08                |
|              |   | 240           | 766.00                |                     |   | 120           | 612.60                |
|              |   | 480           | 1532.00               |                     |   | 144           | 735.12                |
|              |   |               |                       |                     |   | 240           | 1225.20               |
| 72           | X | 96            | 367.68                |                     |   | 480           | 2450.40               |
|              |   | 120           | 459.60                |                     |   |               |                       |
|              |   | 144           | 551.52                | 84                  | X | 96            | 571.76                |
|              |   | 240           | 919.20                |                     |   | 120           | 714.70                |
|              |   | 480           | 1838.40               |                     |   | 144           | 857.64                |
|              |   |               |                       |                     |   | 240           | 1429.40               |
| 84           | X | 96            | 428.96                |                     |   | 480           | 2858.80               |
|              |   | 120           | 536.20                |                     |   |               |                       |
|              |   | 144           | 643.44                | 96                  | X | 96            | 653.44                |
|              |   | 240           | 1072.40               |                     |   | 120           | 816.80                |
|              |   | 480           | 2144.80               |                     |   | 144           | 980.16                |
|              |   |               |                       |                     |   | 240           | 1633.60               |
| 96           | X | 96            | 490.24                |                     |   | 480           | 3267.20               |
|              |   | 120           | 612.80                |                     |   |               |                       |
|              |   | 144           | 735.36                |                     |   |               |                       |
|              |   | 240           | 1225.60               |                     |   |               |                       |
|              |   | 480           | 2451.20               |                     |   |               |                       |
| <b>1/4"</b>  |   |               | <b>10.21#/Sq. Ft.</b> | <b>5/16"</b>        |   |               | <b>12.76#/Sq. Ft.</b> |
| <b>Width</b> |   | <b>Length</b> | <b>Lbs./Sheet</b>     | <b>Width</b>        |   | <b>Length</b> | <b>Lbs./Sheet</b>     |
| 36           | X | 96            | 245.04                | 36                  | X | 96            | 306.24                |
|              |   | 120           | 306.30                |                     |   | 120           | 382.80                |
|              |   | 144           | 367.56                |                     |   | 144           | 459.36                |
|              |   |               |                       | 48                  | X | 96            | 408.32                |
|              |   |               |                       |                     |   | 120           | 510.40                |
|              |   |               |                       |                     |   | 144           | 612.48                |
|              |   |               |                       |                     |   | 240           | 1020.80               |

\* Inquire regarding Sizes and Grades not listed

(continued on next page)

**HOT ROLLED PLATE**  
**ASTM A-36/ A-572 Gr. 50 / Abrasion Resisting**

| 5/16" (cont.) |               |                   | 12.76#/Sq. Ft.        | 3/8" (cont.) |               |                   | 15.32#/Sq. Ft.        |
|---------------|---------------|-------------------|-----------------------|--------------|---------------|-------------------|-----------------------|
| Width         |               | Length            | Lbs./Sheet            | Width        |               | Length            | Lbs./Sheet            |
| 60            | X             | 96                | 510.40                | 72           | X             | 96                | 735.36                |
|               |               | 120               | 638.00                |              |               | 120               | 919.20                |
|               |               | 144               | 765.60                |              |               | 144               | 1103.04               |
|               |               | 240               | 1276.00               |              |               | 240               | 1838.40               |
|               |               | 480               | 2552.00               |              |               | 480               | 3676.80               |
| 72            | X             | 96                | 612.48                | 84           | X             | 96                | 857.92                |
|               |               | 120               | 765.60                |              |               | 120               | 1072.40               |
|               |               | 144               | 918.72                |              |               | 144               | 1286.88               |
|               |               | 240               | 1531.20               |              |               | 240               | 2144.80               |
|               |               | 480               | 3062.40               |              |               | 480               | 4289.60               |
| 84            | X             | 96                | 714.56                | 96           | X             | 96                | 980.48                |
|               |               | 120               | 893.20                |              |               | 120               | 1225.60               |
|               |               | 144               | 1071.84               |              |               | 144               | 1470.72               |
|               |               | 240               | 1786.40               |              |               | 240               | 2451.20               |
|               |               | 480               | 3572.80               |              |               | 480               | 4902.40               |
| 96            | X             | 96                | 816.64                | <b>1/2"</b>  |               |                   | <b>20.42#/Sq. Ft.</b> |
|               |               | 120               | 1020.80               | <b>Width</b> | <b>Length</b> | <b>Lbs./Sheet</b> |                       |
|               |               | 144               | 1224.96               | 48           | X             | 96                | 653.44                |
|               |               | 240               | 2041.60               |              |               | 120               | 816.80                |
|               |               | 480               | 4083.20               |              |               | 144               | 980.16                |
|               |               | 240               | 1633.60               |              |               |                   |                       |
|               |               |                   |                       | 480          | 3267.20       |                   |                       |
| <b>3/8"</b>   |               |                   | <b>15.32#/Sq. Ft.</b> | 60           | X             | 96                | 816.80                |
| <b>Width</b>  | <b>Length</b> | <b>Lbs./Sheet</b> | 120                   |              |               | 1021.00           |                       |
| 36            | X             | 96                | 367.68                |              |               | 144               | 1225.20               |
|               |               | 120               | 459.60                |              |               | 240               | 2042.00               |
|               |               | 144               | 551.52                |              |               | 480               | 4084.00               |
| 48            | X             | 96                | 490.24                | 72           | X             | 96                | 980.16                |
|               |               | 120               | 612.80                |              |               | 120               | 1225.20               |
|               |               | 144               | 735.36                |              |               | 144               | 1470.24               |
|               |               | 240               | 1225.60               |              |               | 240               | 2450.40               |
| 60            | X             | 96                | 612.80                |              |               | 480               | 4900.80               |
|               |               | 120               | 766.00                |              |               |                   |                       |
|               |               | 144               | 919.20                |              |               |                   |                       |
|               |               | 240               | 1532.00               |              |               |                   |                       |
|               |               | 480               | 3064.00               |              |               |                   |                       |

(cont.)

\* Inquire regarding Sizes and Grades not listed

(continued on next page)

## HOT ROLLED PLATE

### ASTM A-36/ A-572 Gr. 50 / Abrasion Resisting

| 1/2" (cont.) |   |        | 20.42#/Sq. Ft. | 5/8" (cont.) |         |        | 25.53#/Sq. Ft.        |
|--------------|---|--------|----------------|--------------|---------|--------|-----------------------|
| Width        |   | Length | Lbs./Sheet     | Width        |         | Length | Lbs./Sheet            |
| 84           | X | 96     | 1143.52        | 96           | X       | 96     | 1633.92               |
|              |   | 120    | 1429.40        |              |         | 120    | 2042.40               |
|              |   | 144    | 1715.28        |              |         | 144    | 2450.88               |
|              |   | 240    | 2858.80        |              |         | 240    | 4084.80               |
|              |   | 480    | 5717.60        |              |         | 480    | 8169.60               |
| 96           | X | 96     | 1306.88        | <b>3/4"</b>  |         |        | <b>30.63#/Sq. Ft.</b> |
|              |   | 120    | 1633.60        | Width        |         | Length | Lbs./Sheet            |
|              |   | 144    | 1960.32        | 48           | X       | 96     | 980.16                |
|              |   | 240    | 3267.20        |              |         | 120    | 1225.20               |
|              |   | 480    | 6534.40        |              |         | 144    | 1470.24               |
|              |   | 240    | 2450.40        |              |         |        |                       |
|              |   |        |                | 480          | 4900.80 |        |                       |
| 5/8"         |   |        | 25.53#/Sq. Ft. |              |         |        |                       |
| Width        |   | Length | Lbs./Sheet     |              |         |        |                       |
| 48           | X | 96     | 816.96         | 60           | X       | 96     | 1225.20               |
|              |   | 120    | 1021.20        |              |         | 120    | 1531.50               |
|              |   | 144    | 1225.44        |              |         | 144    | 1837.80               |
|              |   | 240    | 2042.40        |              |         | 240    | 3063.00               |
|              |   | 480    | 4084.80        |              |         | 480    | 6126.00               |
| 60           | X | 96     | 1021.20        | 72           | X       | 96     | 1470.24               |
|              |   | 120    | 1276.50        |              |         | 120    | 1837.80               |
|              |   | 144    | 1531.80        |              |         | 144    | 2205.36               |
|              |   | 240    | 2553.00        |              |         | 240    | 3675.60               |
|              |   | 480    | 5106.00        |              |         | 480    | 7351.20               |
| 72           | X | 96     | 1225.44        | 84           | X       | 96     | 1715.28               |
|              |   | 120    | 1531.80        |              |         | 120    | 2144.10               |
|              |   | 144    | 1838.16        |              |         | 144    | 2572.92               |
|              |   | 240    | 3063.60        |              |         | 240    | 4288.20               |
|              |   | 480    | 6127.20        |              |         | 480    | 8576.40               |
| 84           | X | 96     | 1429.68        | 96           | X       | 96     | 1960.32               |
|              |   | 120    | 1787.10        |              |         | 120    | 2450.40               |
|              |   | 144    | 2144.52        |              |         | 144    | 2940.48               |
|              |   | 240    | 3574.20        |              |         | 240    | 4900.80               |
|              |   | 480    | 7148.40        |              |         | 480    | 9801.60               |

\* Inquire regarding Sizes and Grades not listed

(continued on next page)

## HOT ROLLED PLATE

### ASTM A-36/ A-572 Gr. 50 / Abrasion Resisting

| <b>1"</b>     |   |               |  | <b>40.84#/Sq. Ft.</b> |  |     |  | <b>1-1/4" (cont.)</b> |   |               |  | <b>51.05#/Sq. Ft.</b> |  |  |  |
|---------------|---|---------------|--|-----------------------|--|-----|--|-----------------------|---|---------------|--|-----------------------|--|--|--|
| <b>Width</b>  |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  |     |  | <b>Width</b>          |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  |  |  |
| 48            | X | 96            |  | 1306.88               |  |     |  | 60                    | X | 96            |  | 2042.00               |  |  |  |
|               |   | 120           |  | 1633.60               |  |     |  |                       |   | 120           |  | 2552.50               |  |  |  |
|               |   | 144           |  | 1960.32               |  |     |  |                       |   | 144           |  | 3063.00               |  |  |  |
|               |   | 240           |  | 3267.20               |  |     |  |                       |   | 240           |  | 5105.00               |  |  |  |
|               |   | 480           |  | 6534.40               |  |     |  |                       |   | 480           |  | 10210.00              |  |  |  |
| 60            | X | 96            |  | 1633.60               |  |     |  | 72                    | X | 96            |  | 2450.40               |  |  |  |
|               |   | 120           |  | 2042.00               |  |     |  |                       |   | 120           |  | 3063.00               |  |  |  |
|               |   | 144           |  | 2450.40               |  |     |  |                       |   | 144           |  | 3675.60               |  |  |  |
|               |   | 240           |  | 4084.00               |  |     |  |                       |   | 240           |  | 6126.00               |  |  |  |
|               |   | 480           |  | 8168.00               |  |     |  |                       |   | 480           |  | 12252.00              |  |  |  |
| 72            | X | 96            |  | 1960.32               |  |     |  | 84                    | X | 96            |  | 2858.80               |  |  |  |
|               |   | 120           |  | 2450.40               |  |     |  |                       |   | 120           |  | 3573.50               |  |  |  |
|               |   | 144           |  | 2940.48               |  |     |  |                       |   | 144           |  | 4288.20               |  |  |  |
|               |   | 240           |  | 4900.80               |  |     |  |                       |   | 240           |  | 7147.00               |  |  |  |
|               |   | 480           |  | 9801.60               |  |     |  |                       |   | 480           |  | 14294.00              |  |  |  |
| 84            | X | 96            |  | 2287.04               |  |     |  | 96                    | X | 96            |  | 3267.20               |  |  |  |
|               |   | 120           |  | 2858.80               |  |     |  |                       |   | 120           |  | 4084.00               |  |  |  |
|               |   | 144           |  | 3430.56               |  |     |  |                       |   | 144           |  | 4900.80               |  |  |  |
|               |   | 240           |  | 5717.60               |  |     |  |                       |   | 240           |  | 8168.00               |  |  |  |
|               |   | 480           |  | 11435.20              |  |     |  |                       |   | 480           |  | 16336.00              |  |  |  |
| 96            | X | 96            |  | 2613.76               |  |     |  | <b>1-1/2"</b>         |   |               |  | <b>61.26#/Sq. Ft.</b> |  |  |  |
|               |   | 120           |  | 3267.20               |  |     |  | <b>Width</b>          |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  |  |  |
|               |   | 144           |  | 3920.64               |  |     |  | 48                    | X | 96            |  | 1960.32               |  |  |  |
|               |   | 240           |  | 6534.40               |  |     |  |                       |   | 120           |  | 2450.40               |  |  |  |
|               |   | 480           |  | 13068.80              |  |     |  |                       |   | 144           |  | 2940.48               |  |  |  |
|               |   |               |  |                       |  | 240 |  |                       |   | 4900.80       |  |                       |  |  |  |
|               |   |               |  |                       |  | 480 |  | 9801.60               |   |               |  |                       |  |  |  |
| <b>1-1/4"</b> |   |               |  | <b>51.05#/Sq. Ft.</b> |  |     |  | 60                    | X | 96            |  | 2450.40               |  |  |  |
| <b>Width</b>  |   | <b>Length</b> |  | <b>Lbs./Sheet</b>     |  |     |  |                       |   | 120           |  | 3063.00               |  |  |  |
| 48            | X | 96            |  | 1633.60               |  |     |  |                       |   | 144           |  | 3675.60               |  |  |  |
|               |   | 120           |  | 2042.00               |  |     |  |                       |   | 240           |  | 6126.00               |  |  |  |
|               |   | 144           |  | 2450.40               |  |     |  |                       |   | 480           |  | 12252.00              |  |  |  |
|               |   | 240           |  | 4084.00               |  |     |  |                       |   |               |  |                       |  |  |  |
|               |   |               |  |                       |  | 480 |  | 8168.00               |   |               |  |                       |  |  |  |

(cont.)

\* Inquire regarding Sizes and Grades not listed

(continued on next page)



## HOT ROLLED PLATE

### ASTM A-36/ A-572 Gr. 50 / Abrasion Resisting

| 1-1/2" (cont.) |          |               | 61.26#/Sq. Ft.        | 2" (cont.)    |          |               | 81.68#/Sq. Ft.         |
|----------------|----------|---------------|-----------------------|---------------|----------|---------------|------------------------|
| Width          |          | Length        | Lbs./Sheet            | Width         |          | Length        | Lbs./Sheet             |
| 72             | X        | 96            | 2940.48               | 84            | X        | 96            | 4574.08                |
|                |          | 120           | 3675.60               |               |          | 120           | 5717.60                |
|                |          | 144           | 4410.72               |               |          | 144           | 6861.12                |
|                |          | 240           | 7351.20               |               |          | 240           | 11435.20               |
|                |          | 480           | 14702.40              |               |          | 480           | 22870.40               |
| 84             | X        | 96            | 3430.56               | 96            | X        | 96            | 5227.52                |
|                |          | 120           | 4288.20               |               |          | 120           | 6534.40                |
|                |          | 144           | 5145.84               |               |          | 144           | 7841.28                |
|                |          | 240           | 8576.40               |               |          | 240           | 13068.80               |
|                |          | 480           | 17152.80              |               |          | 480           | 26137.60               |
| 96             | X        | 96            | 3920.64               | <b>2-1/2"</b> |          |               | <b>102.10#/Sq. Ft.</b> |
|                |          | 120           | 4900.80               | <b>Width</b>  |          | <b>Length</b> | <b>Lbs./Sheet</b>      |
|                |          | 144           | 5880.96               | 48            | X        | 96            | 3267.20                |
|                |          | 240           | 9801.60               |               |          | 120           | 4084.00                |
|                |          | 480           | 19603.20              |               |          | 144           | 4900.80                |
|                |          | 240           | 8168.00               |               |          |               |                        |
|                |          |               |                       | 480           | 16336.00 |               |                        |
| <b>2"</b>      |          |               | <b>81.68#/Sq. Ft.</b> | 60            | X        | 96            | 4084.00                |
| <b>Width</b>   |          | <b>Length</b> | <b>Lbs./Sheet</b>     |               |          | 120           | 5105.00                |
| 48             | X        | 96            | 2613.76               |               |          | 144           | 6126.00                |
|                |          | 120           | 3267.20               |               |          | 240           | 10210.00               |
|                |          | 144           | 3920.64               |               |          | 480           | 20420.00               |
|                |          | 240           | 6534.40               |               |          |               |                        |
| 480            | 13068.80 |               |                       | 72            | X        | 96            | 4900.80                |
| 60             | X        | 96            | 3267.20               |               |          | 120           | 6126.00                |
|                |          | 120           | 4084.00               |               |          | 144           | 7351.20                |
|                |          | 144           | 4900.80               |               |          | 240           | 12252.00               |
|                |          | 240           | 8168.00               |               |          | 480           | 24504.00               |
|                |          | 480           | 16336.00              |               |          |               |                        |
| 72             | X        | 96            | 3920.64               | 84            | X        | 96            | 5717.60                |
|                |          | 120           | 4900.80               |               |          | 120           | 7147.00                |
|                |          | 144           | 5880.96               |               |          | 144           | 8576.40                |
|                |          | 240           | 9801.60               |               |          | 240           | 14294.00               |
|                |          | 480           | 19603.20              |               |          | 480           | 28588.00               |

\* Inquire regarding Sizes and Grades not listed

(continued on next page)



## FLOOR PLATE (DIAMOND PLATE) Four Way, Raised Pattern

| <b>16ga</b>  |   |               |  | <b>3.00#/Sq. Ft.</b> |  | <b>3/16" (cont.)</b> |               |                       | <b>8.71#/Sq. Ft.</b> |  |
|--------------|---|---------------|--|----------------------|--|----------------------|---------------|-----------------------|----------------------|--|
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>    |  | <b>Width</b>         | <b>Length</b> |                       | <b>Lbs./Sheet</b>    |  |
| 48           | X | 96            |  | 96.00                |  | 60                   | X             | 144                   | 522.60               |  |
|              |   | 120           |  | 120.00               |  |                      |               | 240                   | 871.00               |  |
| <b>14ga</b>  |   |               |  | <b>3.75#/Sq. Ft.</b> |  |                      |               |                       |                      |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>    |  |                      |               |                       |                      |  |
| 48           | X | 96            |  | 120.00               |  | 72                   | X             | 96                    | 418.08               |  |
|              |   | 120           |  | 150.00               |  |                      |               | 120                   | 522.60               |  |
|              |   |               |  |                      |  |                      |               | 144                   | 627.12               |  |
|              |   |               |  |                      |  |                      |               | 240                   | 1045.20              |  |
|              |   |               |  |                      |  | 84                   | X             | 240                   | 1219.40              |  |
|              |   |               |  |                      |  | 96                   | X             | 240                   | 1393.60              |  |
| <b>12ga</b>  |   |               |  | <b>5.25#/Sq. Ft.</b> |  |                      |               |                       |                      |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>    |  | <b>1/4"</b>          |               | <b>11.26#/Sq. Ft.</b> |                      |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>    |  | <b>Width</b>         | <b>Length</b> |                       | <b>Lbs./Sheet</b>    |  |
| 48           | X | 96            |  | 168.00               |  | 48                   | X             | 96                    | 360.32               |  |
|              |   | 120           |  | 210.00               |  |                      |               | 120                   | 450.40               |  |
|              |   | 144           |  | 252.00               |  |                      |               | 144                   | 540.48               |  |
| 60           | X | 96            |  | 210.00               |  |                      |               | 240                   | 900.80               |  |
|              |   | 120           |  | 262.50               |  | 60                   | X             | 96                    | 450.40               |  |
|              |   | 144           |  | 315.00               |  |                      |               | 120                   | 563.00               |  |
|              |   |               |  |                      |  |                      |               | 144                   | 675.60               |  |
|              |   |               |  |                      |  |                      |               | 240                   | 1126.00              |  |
| <b>1/8"</b>  |   |               |  | <b>6.16#/Sq. Ft.</b> |  |                      |               |                       |                      |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>    |  |                      |               |                       |                      |  |
| 48           | X | 96            |  | 197.12               |  | 72                   | X             | 96                    | 540.45               |  |
|              |   | 120           |  | 246.40               |  |                      |               | 120                   | 675.60               |  |
|              |   | 144           |  | 295.68               |  |                      |               | 144                   | 810.72               |  |
|              |   | 240           |  | 492.80               |  |                      |               | 240                   | 1351.20              |  |
| 60           | X | 96            |  | 246.40               |  | 84                   | X             | 240                   | 1576.40              |  |
|              |   | 120           |  | 308.00               |  | 96                   | X             | 240                   | 1801.60              |  |
|              |   | 144           |  | 369.60               |  |                      |               |                       |                      |  |
|              |   | 240           |  | 616.00               |  |                      |               |                       |                      |  |
| 72           | X | 96            |  | 295.68               |  | <b>3/8"</b>          |               | <b>16.37#/Sq. Ft.</b> |                      |  |
|              |   | 120           |  | 369.60               |  | <b>Width</b>         | <b>Length</b> |                       | <b>Lbs./Sheet</b>    |  |
|              |   | 144           |  | 443.52               |  | 48                   | X             | 96                    | 523.84               |  |
|              |   | 240           |  | 739.20               |  |                      |               | 120                   | 654.80               |  |
|              |   |               |  |                      |  |                      |               | 144                   | 785.76               |  |
| <b>3/16"</b> |   |               |  | <b>8.71#/Sq. Ft.</b> |  |                      |               |                       |                      |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>    |  | 60                   | X             | 120                   | 818.50               |  |
| 48           | X | 96            |  | 278.72               |  |                      |               | 144                   | 982.20               |  |
|              |   | 120           |  | 348.40               |  | <b>1/2"</b>          |               | <b>21.47#/Sq. Ft.</b> |                      |  |
|              |   | 144           |  | 418.08               |  | <b>Width</b>         | <b>Length</b> |                       | <b>Lbs./Sheet</b>    |  |
|              |   | 240           |  | 696.80               |  | 48                   | X             | 96                    | 687.04               |  |
| 60           | X | 96            |  | 348.40               |  |                      |               | 120                   | 858.80               |  |
|              |   | 120           |  | 435.50               |  |                      |               | 144                   | 1030.56              |  |

## BAR GRATING

### Standard, Welded, Non-Serrated (also available Serrated)

| Style |   |      | Designation | Bearing Bars | Cross Bars* | Size     | Lbs./Each |
|-------|---|------|-------------|--------------|-------------|----------|-----------|
| 1     | X | 1/8  | 19-W-4      | 1-3/16       | 4"          | 3' X 20' | 300       |
|       |   | 3/16 | 19-W-4      | 1-3/16       | 4"          | 3' X 20' | 432       |
| 1-1/4 | X | 3/16 | 19-W-4      | 1-3/16       | 4"          | 3' X 20' | 534       |
| 1-1/2 | X | 3/16 | 19-W-4      | 1-3/16       | 4"          | 3' X 20' | 630       |

\* Measured center to center

## EXPANDED METAL

### Standard – Raised

| Style       | Size (in.) |   |     | Opening |       | Design* |       | Lbs./Sq. Ft. | % Open | Height (in.) |
|-------------|------------|---|-----|---------|-------|---------|-------|--------------|--------|--------------|
|             | W          | X | L   | W       | L     | W       | L     |              |        |              |
| 1/4 - #20   | 48         | X | 96  | 0.172   | 0.719 | 0.255   | 1.000 | .86          | 45     | 0.125        |
| 1/4 - #18   | 48         | X | 96  | 0.172   | 0.719 | 0.255   | 1.000 | 1.14         | 43     | 0.125        |
| 1/2 - #18   | 48         | X | 96  | 0.438   | 0.938 | 0.500   | 1.200 | .70          | 77     | 0.155        |
|             | 72         | X | 96  | 0.438   | 0.938 | 0.500   | 1.200 | .70          | 77     | 0.155        |
| 1/2 - #13   | 48         | X | 96  | 0.313   | 0.938 | 0.500   | 1.200 | 1.47         | 58     | 0.182        |
|             | 72         | X | 96  | 0.313   | 0.938 | 0.500   | 1.200 | 1.47         | 58     | 0.182        |
| 3/4 - #16   | 48         | X | 96  | 0.813   | 1.750 | 0.923   | 2.000 | .54          | 85     | 0.186        |
|             | 72         | X | 96  | 0.813   | 1.750 | 0.923   | 2.000 | .54          | 85     | 0.186        |
| 3/4 - #13   | 48         | X | 96  | 0.750   | 1.688 | 0.923   | 2.000 | .80          | 78     | 0.195        |
|             | 48         | X | 120 | 0.750   | 1.688 | 0.923   | 2.000 | .80          | 78     | 0.195        |
|             | 72         | X | 96  | 0.750   | 1.688 | 0.923   | 2.000 | .80          | 78     | 0.195        |
| 3/4 - #9    | 48         | X | 96  | 0.688   | 1.563 | 0.923   | 2.000 | 1.80         | 68     | 0.300        |
|             | 48         | X | 120 | 0.688   | 1.563 | 0.923   | 2.000 | 1.80         | 68     | 0.300        |
|             | 72         | X | 96  | 0.688   | 1.563 | 0.923   | 2.000 | 1.80         | 68     | 0.300        |
| 1-1/2 - #13 | 48         | X | 96  | 1.188   | 2.500 | 1.330   | 3.000 | .60          | 86     | 0.215        |
|             | 72         | X | 96  | 1.188   | 2.500 | 1.330   | 3.000 | .60          | 86     | 0.215        |
| 1-1/2 - #9  | 48         | X | 96  | 1.125   | 2.375 | 1.330   | 3.000 | 1.20         | 75     | 0.295        |
|             | 72         | X | 96  | 1.125   | 2.375 | 1.330   | 3.000 | 1.20         | 75     | 0.295        |
| 1-1/2 - #6  | 48         | X | 96  | 1.000   | 2.313 | 1.330   | 3.000 | 2.50         | 69     | 0.425        |

\* measured center-to-center

**EXPANDED METAL – Flattened**

| Style       | Size (in.) |   |     | Opening |       | Design* |       | Lbs./Sq. Ft. | % Open | Height (in.) |
|-------------|------------|---|-----|---------|-------|---------|-------|--------------|--------|--------------|
|             | W          | X | L   | W       | L     | W       | L     |              |        |              |
| 1/4 - #20   | 48         | X | 96  | 0.094   | 0.688 | 0.255   | 1.030 | .83          | 47     | 0.030        |
| 1/4 - #18   | 48         | X | 96  | 0.094   | 0.688 | 0.255   | 1.030 | 1.11         | 40     | 0.040        |
| 1/2 - #18   | 48         | X | 96  | 0.281   | 1.000 | 0.500   | 1.260 | .66          | 69     | 0.039        |
|             | 48         | X | 120 | 0.281   | 1.000 | 0.500   | 1.260 | .66          | 69     | 0.039        |
| 1/2 - #13   | 48         | X | 96  | 0.250   | 1.000 | 0.500   | 1.260 | 1.40         | 57     | 0.070        |
|             | 48         | X | 120 | 0.250   | 1.000 | 0.500   | 1.260 | 1.40         | 57     | 0.070        |
| 3/4 - #16   | 48         | X | 96  | 0.750   | 1.750 | 0.923   | 2.100 | .51          | 75     | 0.048        |
|             | 48         | X | 120 | 0.750   | 1.750 | 0.923   | 2.100 | .51          | 75     | 0.048        |
| 3/4 - #13   | 48         | X | 96  | 0.688   | 1.782 | 0.923   | 2.100 | .75          | 73     | 0.070        |
|             | 48         | X | 120 | 0.688   | 1.782 | 0.923   | 2.100 | .75          | 73     | 0.070        |
| 3/4 - #9    | 48         | X | 96  | 0.563   | 1.688 | 0.923   | 2.100 | 1.71         | 63     | 0.120        |
|             | 48         | X | 120 | 0.563   | 1.688 | 0.923   | 2.100 | 1.71         | 63     | 0.120        |
| 1-1/2 - #13 | 48         | X | 96  | 1.063   | 2.750 | 1.330   | 3.200 | .57          | 80     | 0.070        |
| 1-1/2 - #9  | 48         | X | 96  | 1.000   | 2.563 | 1.330   | 3.200 | 1.11         | 77     | 0.110        |
| 1-1/2 - #6  | 48         | X | 96  | 1.000   | 2.563 | 1.330   | 3.200 | 2.38         | 65     | 0.172        |

\* measured center-to-center

**EXPANDED METAL GRATINGS**

| Style               | Size (in.) |   |    | Opening |       | Design* |       | Lbs./Sq. Ft. | % Open | Height (in.) |
|---------------------|------------|---|----|---------|-------|---------|-------|--------------|--------|--------------|
|                     | W          | X | L  | W       | L     | W       | L     |              |        |              |
| 3.0 lb.<br>Grating  | 48         | X | 96 | 0.940   | 3.440 | 1.333   | 5.330 | 3.00         | 60     | 0.540        |
| 4.0 lb.<br>Grating  | 48         | X | 96 | 0.940   | 3.448 | 1.333   | 5.330 | 4.00         | 55     | 0.618        |
| 5.0 lb.<br>Grating  | 48         | X | 96 | 0.813   | 3.380 | 1.333   | 5.330 | 5.00         | 50     | 0.655        |
| 6.25 lb.<br>Grating | 48         | X | 96 | 0.813   | 3.380 | 1.410   | 5.330 | 6.25         | 50     | 0.715        |

\* measured center-to-center



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## ALUMINUM SHEET

### 3003-H14, Mill Finish, ASTM B-209

| <b>.025"</b> |               |     | <b>0.3564#/Sq. Ft.</b> | <b>.063"</b> |               |     | <b>0.8981#/Sq. Ft.</b> |
|--------------|---------------|-----|------------------------|--------------|---------------|-----|------------------------|
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      |
| 36           | X             | 120 | 10.692                 | 36           | X             | 96  | 21.554                 |
|              |               |     |                        |              |               | 120 | 26.943                 |
| 48           | X             | 96  | 11.405                 | 48           | X             | 96  | 28.739                 |
|              |               | 120 | 14.256                 |              |               | 120 | 35.924                 |
|              |               | 144 | 17.107                 |              |               | 144 | 43.109                 |
| <b>.032"</b> |               |     | <b>0.4562#/Sq. Ft.</b> | <b>.080"</b> |               |     | <b>1.1410#/Sq. Ft.</b> |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      |
| 36           | X             | 96  | 10.949                 | 60           | X             | 120 | 44.905                 |
|              |               | 120 | 13.686                 |              |               | 144 | 53.886                 |
| 48           | X             | 96  | 14.598                 |              |               |     |                        |
|              |               | 120 | 18.248                 |              |               |     |                        |
|              |               | 144 | 21.898                 |              |               |     |                        |
| <b>.040"</b> |               |     | <b>0.5702#/Sq. Ft.</b> | <b>.090"</b> |               |     | <b>1.2830#/Sq. Ft.</b> |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      |
| 36           | X             | 96  | 13.685                 | 36           | X             | 96  | 27.384                 |
|              |               | 120 | 17.106                 |              |               |     |                        |
| 48           | X             | 96  | 18.246                 | 48           | X             | 96  | 36.512                 |
|              |               | 120 | 22.808                 |              |               | 120 | 45.640                 |
|              |               | 144 | 27.370                 |              |               | 144 | 54.768                 |
| 60           | X             | 96  | 22.808                 | 60           | X             | 120 | 57.050                 |
|              |               | 120 | 28.510                 |              |               | 144 | 68.460                 |
|              |               | 144 | 34.212                 |              |               |     |                        |
| <b>.050"</b> |               |     | <b>0.7128#/Sq. Ft.</b> | <b>.100"</b> |               |     | <b>1.4260#/Sq. Ft.</b> |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      |
| 36           | X             | 96  | 17.107                 | 48           | X             | 96  | 45.632                 |
|              |               | 120 | 21.384                 |              |               | 120 | 57.040                 |
| 48           | X             | 96  | 22.810                 |              |               | 144 | 68.448                 |
|              |               | 120 | 28.512                 |              |               |     |                        |
|              |               | 144 | 34.214                 |              |               |     |                        |
| 60           | X             | 120 | 35.640                 |              |               |     |                        |
|              |               | 144 | 42.768                 |              |               |     |                        |

(continued on next page)

## ALUMINUM SHEET 3003-H14, Mill Finish, ASTM B-209

| <b>.125"</b> |               |     | <b>1.7820#/Sq. Ft.</b> | <b>.190"</b> |               |     | <b>2.709#/Sq. Ft.</b> |
|--------------|---------------|-----|------------------------|--------------|---------------|-----|-----------------------|
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>     |
| 36           | X             | 96  | 42.768                 | 48           | X             | 96  | 86.688                |
|              |               | 120 | 53.460                 |              |               | 120 | 108.360               |
|              |               |     |                        |              |               | 144 |                       |
| 48           | X             | 96  | 57.024                 | 60           | X             | 144 | 162.540               |
|              |               | 120 | 71.280                 |              |               |     |                       |
|              |               | 144 | 85.536                 |              |               |     |                       |
|              |               |     |                        | <b>.249"</b> |               |     | <b>3.550#/Sq. Ft.</b> |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>     |
| 60           | X             | 96  | 71.280                 | 48           | X             | 120 | 142.000               |
|              |               | 120 | 89.100                 |              |               | 144 | 170.400               |
|              |               | 144 | 106.920                |              |               |     |                       |
| 72           | X             | 144 | 128.304                | 60           | X             | 144 | 213.000               |

## ALUMINUM SHEET 5052-H32, Mill Finish, ASTM B-209

| <b>.025"</b> |               |     | <b>0.3492#/Sq. Ft.</b> | <b>.040"</b> |               |     | <b>0.5587#/Sq. Ft.</b> |
|--------------|---------------|-----|------------------------|--------------|---------------|-----|------------------------|
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      |
| 36           | X             | 96  | 8.381                  | 36           | X             | 96  | 13.409                 |
|              |               | 120 | 10.476                 |              |               | 120 | 16.761                 |
| 48           | X             | 96  | 11.174                 | 48           | X             | 96  | 17.878                 |
|              |               |     |                        |              |               | 120 | 22.348                 |
|              |               |     |                        |              |               | 144 | 26.818                 |
|              |               |     |                        | <b>.050"</b> |               |     | <b>0.6984#/Sq. Ft.</b> |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      |
| 36           | X             | 96  | 10.728                 | 36           | X             | 96  | 16.762                 |
|              |               | 120 | 13.410                 |              |               | 120 | 20.952                 |
| 48           | X             | 120 | 17.880                 | 48           | X             | 96  | 22.349                 |
|              |               | 144 | 21.456                 |              |               | 120 | 27.936                 |
|              |               |     |                        |              |               | 144 | 33.523                 |

(continued on next page)



## ALUMINUM SHEET

### 5052-H32, Mill Finish, ASTM B-209

| <b>.063"</b> |               |     | <b>0.8800#/Sq. Ft.</b> | <b>.125"</b> |               |              | <b>1.7460#/Sq. Ft.</b> |         |                        |
|--------------|---------------|-----|------------------------|--------------|---------------|--------------|------------------------|---------|------------------------|
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |              | <b>Lbs./Sheet</b>      |         |                        |
| 36           | X             | 96  | 21.120                 | 36           | X             | 96           | 41.904                 |         |                        |
|              |               | 120 | 26.400                 |              |               | 120          | 52.380                 |         |                        |
| 48           | X             | 96  | 28.160                 | 48           | X             | 96           | 55.872                 |         |                        |
|              |               | 120 | 35.200                 |              |               | 120          | 69.840                 |         |                        |
|              |               | 144 | 42.240                 |              |               | 144          | 83.808                 |         |                        |
| 60           | X             | 120 | 44.000                 | 60           | X             | 120          | 87.300                 |         |                        |
|              |               | 144 | 52.800                 |              |               | 144          | 104.760                |         |                        |
| <b>.080"</b> |               |     | <b>1.1170#/Sq. Ft.</b> | <b>.160"</b> |               |              | <b>2.2350#/Sq. Ft.</b> |         |                        |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |              | <b>Lbs./Sheet</b>      |         |                        |
| 36           | X             | 96  | 26.808                 | 48           | X             | 96           | 71.520                 |         |                        |
|              |               | 120 | 35.744                 |              |               | 120          | 89.400                 |         |                        |
| 48           | X             | 96  | 35.744                 | <b>.190"</b> |               |              | <b>2.6540#/Sq. Ft.</b> |         |                        |
|              |               | 120 | 44.680                 | <b>Width</b> | <b>Length</b> |              | <b>Lbs./Sheet</b>      |         |                        |
|              |               | 144 | 53.616                 |              |               |              |                        |         |                        |
| 60           | X             | 96  | 44.680                 | 36           | X             | 96           | 63.696                 |         |                        |
|              |               | 120 | 55.850                 | 48           |               | X            | 96                     | 84.928  |                        |
|              |               | 144 | 67.020                 | 120          |               |              | 106.160                |         |                        |
| <b>.090"</b> |               |     | <b>1.2570#/Sq. Ft.</b> | 144          |               | 144          | 127.392                |         |                        |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |              | <b>Lbs./Sheet</b>      |         |                        |
| 36           | X             | 96  | 30.168                 | 60           | X             | 120          | 132.700                |         |                        |
|              |               | 120 | 37.710                 |              |               | 144          | 159.240                |         |                        |
| 48           | X             | 96  | 40.224                 | 72           | X             | 144          | 191.088                |         |                        |
|              |               | 120 | 50.280                 |              |               | <b>.249"</b> |                        |         | <b>3.4780#/Sq. Ft.</b> |
|              |               | 144 | 60.336                 |              |               | <b>Width</b> | <b>Length</b>          |         | <b>Lbs./Sheet</b>      |
| 60           | X             | 120 | 62.850                 | 48           | X             | 96           | 111.296                |         |                        |
|              |               | 144 | 75.420                 | 120          |               | 139.120      |                        |         |                        |
| <b>.100"</b> |               |     | <b>1.4260#/Sq. Ft.</b> | 144          |               |              | 144                    | 166.944 |                        |
| <b>Width</b> | <b>Length</b> |     | <b>Lbs./Sheet</b>      | <b>Width</b> | <b>Length</b> |              | <b>Lbs./Sheet</b>      |         |                        |
| 48           | X             | 120 | 57.040                 | 60           | X             | 144          | 208.680                |         |                        |
|              |               | 144 | 68.448                 |              |               |              |                        |         |                        |
| 60           | X             | 144 | 85.560                 |              |               |              |                        |         |                        |

## ALUMINUM SHEET

### 6061-T6, Mill Finish, ASTM B-209

| <b>.032"</b> |   |               |  | <b>0.4516#/Sq. Ft.</b> |  |  |  | <b>.090"</b> |   |               |  | <b>1.2740#/Sq. Ft.</b> |  |  |  |
|--------------|---|---------------|--|------------------------|--|--|--|--------------|---|---------------|--|------------------------|--|--|--|
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  | <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  |
| 48           | X | 144           |  | 21.677                 |  |  |  | 48           | X | 144           |  | 61.152                 |  |  |  |
|              |   |               |  |                        |  |  |  | 60           | X | 144           |  | 76.440                 |  |  |  |
| <b>.040"</b> |   |               |  | <b>0.5645#/Sq. Ft.</b> |  |  |  | <b>.100"</b> |   |               |  | <b>1.4110#/Sq. Ft.</b> |  |  |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  | <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  |
| 48           | X | 144           |  | 27.096                 |  |  |  | 48           | X | 144           |  | 67.728                 |  |  |  |
| <b>.050"</b> |   |               |  | <b>0.7056#/Sq. Ft.</b> |  |  |  | <b>.125"</b> |   |               |  | <b>1.7640#/Sq. Ft.</b> |  |  |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  | <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  |
| 48           | X | 144           |  | 33.869                 |  |  |  | 36           | X | 96            |  | 42.336                 |  |  |  |
| 60           | X | 144           |  | 42.336                 |  |  |  |              |   | 144           |  | 63.504                 |  |  |  |
| <b>.063"</b> |   |               |  | <b>0.8891#/Sq. Ft.</b> |  |  |  | <b>.190"</b> |   |               |  | <b>2.6810#/Sq. Ft.</b> |  |  |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  | <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  |
| 36           | X | 96            |  | 21.338                 |  |  |  | 48           | X | 96            |  | 56.448                 |  |  |  |
| 48           | X | 144           |  | 42.677                 |  |  |  |              |   | 144           |  | 84.672                 |  |  |  |
| 60           | X | 144           |  | 53.346                 |  |  |  | 60           | X | 144           |  | 105.840                |  |  |  |
| <b>.080"</b> |   |               |  | <b>1.1290#/Sq. Ft.</b> |  |  |  | <b>.190"</b> |   |               |  | <b>2.6810#/Sq. Ft.</b> |  |  |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  | <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |  |  |  |
| 48           | X | 144           |  | 54.192                 |  |  |  | 36           | X | 96            |  | 64.344                 |  |  |  |
| 60           | X | 144           |  | 67.740                 |  |  |  | 48           | X | 144           |  | 128.688                |  |  |  |
|              |   |               |  |                        |  |  |  | 60           | X | 144           |  | 160.860                |  |  |  |
|              |   |               |  |                        |  |  |  | 72           | X | 144           |  | 193.032                |  |  |  |

## ALUMINUM PLATE

### 6016-T6511, Mill Finish, ASTM B-209

| <b>1/4"</b>  |   |               |  | <b>3.528#/Sq. Ft.</b>  |         |                   |   | <b>1"</b>     |  |               |  | <b>14.110#/Sq. Ft.</b> |          |                   |  |
|--------------|---|---------------|--|------------------------|---------|-------------------|---|---------------|--|---------------|--|------------------------|----------|-------------------|--|
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
| 36           | X | 96            |  |                        | 84.672  | 36                | X | 96            |  |               |  |                        | 338.640  |                   |  |
| 48           | X | 96            |  |                        | 112.896 | 48                | X | 96            |  |               |  |                        | 451.520  |                   |  |
|              |   | 144           |  |                        | 169.344 |                   |   | 144           |  |               |  |                        | 677.280  |                   |  |
| 60           | X | 144           |  |                        | 211.680 | 60                | X | 144           |  |               |  |                        | 846.600  |                   |  |
| 72           | X | 144           |  |                        | 254.016 |                   |   |               |  |               |  |                        |          |                   |  |
| <b>5/16"</b> |   |               |  | <b>4.410#/Sq. Ft.</b>  |         |                   |   | <b>1-1/4"</b> |  |               |  | <b>17.640#/Sq. Ft.</b> |          |                   |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
| 48           | X | 144           |  |                        | 211.68  | 36                | X | 96            |  |               |  |                        | 423.360  |                   |  |
|              |   |               |  |                        |         | 48                | X | 144           |  |               |  |                        | 846.720  |                   |  |
|              |   |               |  |                        |         | 60                | X | 144           |  |               |  |                        | 1058.400 |                   |  |
| <b>3/8"</b>  |   |               |  | <b>5.292#/Sq. Ft.</b>  |         |                   |   | <b>1-1/2"</b> |  |               |  | <b>21.170#/Sq. Ft.</b> |          |                   |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
| 36           | X | 96            |  |                        | 127.008 | 36                | X | 96            |  |               |  |                        | 508.080  |                   |  |
| 48           | X | 144           |  |                        | 254.016 | 48                | X | 144           |  |               |  |                        | 1016.160 |                   |  |
| 60           | X | 144           |  |                        | 317.520 | 60                | X | 144           |  |               |  |                        | 1270.200 |                   |  |
| <b>1/2"</b>  |   |               |  | <b>7.056#/Sq. Ft.</b>  |         |                   |   | <b>1-3/4"</b> |  |               |  | <b>24.700#/Sq. Ft.</b> |          |                   |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
| 36           | X | 96            |  |                        | 169.344 | 48                | X | 96            |  |               |  |                        | 790.400  |                   |  |
| 48           | X | 144           |  |                        | 338.688 |                   |   | 144           |  |               |  |                        | 1185.600 |                   |  |
| 60           | X | 144           |  |                        | 423.360 | 60                | X | 144           |  |               |  |                        | 1482.000 |                   |  |
| <b>5/8"</b>  |   |               |  | <b>8.820#/Sq. Ft.</b>  |         |                   |   | <b>2"</b>     |  |               |  | <b>28.220#/Sq. Ft.</b> |          |                   |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
| 36           | X | 96            |  |                        | 211.680 | 48                | X | 144           |  |               |  |                        | 1354.560 |                   |  |
| 48           | X | 144           |  |                        | 423.360 | 60                | X | 144           |  |               |  |                        | 1693.200 |                   |  |
| 60           | X | 144           |  |                        | 529.200 |                   |   |               |  |               |  |                        |          |                   |  |
| <b>3/4"</b>  |   |               |  | <b>10.580#/Sq. Ft.</b> |         |                   |   | <b>2-1/2"</b> |  |               |  | <b>35.280#/Sq. Ft.</b> |          |                   |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
| 36           | X | 96            |  |                        | 253.920 | 48                | X | 144           |  |               |  |                        | 1693.440 |                   |  |
| 48           | X | 144           |  |                        | 507.840 |                   |   |               |  |               |  |                        |          |                   |  |
| 60           | X | 144           |  |                        | 634.800 |                   |   |               |  |               |  |                        |          |                   |  |
| <b>3"</b>    |   |               |  | <b>42.340#/Sq. Ft.</b> |         |                   |   | <b>3"</b>     |  |               |  | <b>42.340#/Sq. Ft.</b> |          |                   |  |
| <b>Width</b> |   | <b>Length</b> |  | <b>Lbs./Sheet</b>      |         | <b>Lbs./Sheet</b> |   | <b>Width</b>  |  | <b>Length</b> |  | <b>Lbs./Sheet</b>      |          | <b>Lbs./Sheet</b> |  |
|              |   |               |  |                        |         | 48                | X | 144           |  |               |  |                        | 2032.320 |                   |  |

**ALUMINUM TREAD PLATE (Diamond Plate)**  
**3003-H22, Bright; 6061-T6 Mill Finish**  
**Raised Pattern**

| Size (in.) |   |    |       | Lbs./Sq. Ft. | Lbs./Sheet | 3003 | 6061 |
|------------|---|----|-------|--------------|------------|------|------|
| .063       | X | 48 | X 96  | 1.008        | 32.26      | X    |      |
| .072       | X | 60 | X 96  | 1.156        | 46.24      | X    |      |
|            |   |    | 192   | 1.156        | 94.28      | X    |      |
| .100       | X | 48 | X 120 | 1.570        | 62.80      | X    |      |
| 1/8        | X | 48 | X 96  | 1.920        | 61.44      | X    |      |
|            |   |    | 144   | 1.920        | 92.16      | X    |      |
|            |   |    | 192   | 1.920        | 122.88     | X    | X    |
|            |   | 60 | X 144 | 1.920        | 115.20     | X    |      |
|            |   |    | 192   | 1.920        | 153.60     | X    | X    |
| 3/16       | X | 48 | X 96  | 2.820        | 90.24      | X    |      |
|            |   |    | 192   | 2.820        | 180.48     | X    | X    |
|            |   | 60 | X 144 | 2.820        | 169.20     | X    |      |
|            |   |    | 192   | 2.820        | 225.60     | X    | X    |
| 1/4        | X | 48 | X 144 | 3.700        | 177.60     |      | X    |
|            |   |    | 192   | 3.700        | 236.80     |      | X    |
|            |   | 60 | X 144 | 3.700        | 222.00     |      | X    |
|            |   |    | 192   | 3.700        | 296.00     |      | X    |
| 3/8        | X | 48 | X 192 | 5.490        | 351.36     |      | X    |
|            |   | 60 | X 192 | 5.490        | 439.20     |      | X    |
| 1/2        | X | 48 | X 192 | 7.270        | 465.28     |      | X    |

**ALUMINUM ROUNDS**  
**6061-T6/6061-T651, 12' Length**

| Size (in.) | Lbs./Ft. | Lbs./12' | Size (in.) | Lbs./Ft. | Lbs./12' |
|------------|----------|----------|------------|----------|----------|
| 1/8        | .0144    | .173     | 1-9/16     | 2.255    | 27.060   |
| 3/16       | .0325    | .390     | 1-5/8      | 2.439    | 29.268   |
| 1/4        | .0577    | .692     | 1-3/4      | 2.829    | 33.948   |
| 5/16       | .0902    | 1.082    | 1-7/8      | 3.247    | 38.964   |
| 3/8        | .1299    | 1.559    | 2          | 3.694    | 44.328   |
| 7/16       | .1768    | 2.122    | 2-1/8      | 4.171    | 50.052   |
| 1/2        | .2309    | 2.771    | 2-1/4      | 4.676    | 56.112   |
| 9/16       | .2922    | 3.506    | 2-3/8      | 5.210    | 62.520   |
| 5/8        | .3608    | 4.330    | 2-1/2      | 5.773    | 69.276   |
| 11/16      | .4365    | 5.238    | 2-5/8      | 6.364    | 76.368   |
| 3/4        | .5195    | 6.234    | 2-3/4      | 6.985    | 83.820   |
| 13/16      | .6097    | 7.316    | 3          | 8.312    | 99.744   |
| 7/8        | .7071    | 8.485    | 3-1/4      | 9.756    | 117.072  |
| 15/16      | .8118    | 9.742    | 3-1/2      | 11.310   | 135.720  |
| 1          | .9236    | 11.083   | 3-3/4      | 12.990   | 155.880  |
| 1-1/16     | 1.0430   | 12.516   | 4          | 14.780   | 177.360  |
| 1-1/8      | 1.1690   | 14.028   | 4-1/2      | 18.700   | 224.400  |
| 1-3/16     | 1.3020   | 15.624   | 5          | 23.070   | 276.840  |
| 1-1/4      | 1.4430   | 17.316   | 5-1/2      | 28.000   | 336.000  |
| 1-5/16     | 1.5910   | 19.092   | 6          | 33.220   | 398.640  |
| 1-3/8      | 1.7460   | 20.952   | 6-1/2      | 34.650   | 415.800  |
| 1-7/16     | 1.9090   | 22.908   | 7          | 45.210   | 542.520  |
| 1-1/2      | 2.0780   | 24.936   | 8          | 59.050   | 708.600  |

**ALUMINUM HEXAGONS**  
**6061-T6/6061-T651, 12' Length**

| Size (in.) | Lbs./Ft. | Lbs./12' |
|------------|----------|----------|
| 1/4        | .064     | .768     |
| 3/8        | .143     | 1.716    |
| 1/2        | .254     | 3.048    |
| 5/8        | .397     | 4.764    |
| 11/16      | .481     | 5.772    |
| 3/4        | .572     | 6.864    |
| 7/8        | .779     | 9.348    |
| 1          | 1.017    | 12.204   |
| 1-1/8      | 1.288    | 15.456   |
| 1-1/4      | 1.569    | 18.828   |
| 1-3/8      | 1.916    | 22.992   |
| 1-1/2      | 2.286    | 27.432   |
| 1-3/4      | 3.124    | 37.488   |
| 2          | 4.067    | 48.804   |

**ALUMINUM SQUARES  
6061-T6511**

| <b>Size (in.)</b> | <b>Lbs./Ft.</b> | <b>Lbs./12' Bar</b> |
|-------------------|-----------------|---------------------|
| 1/4               | .0735           | .882                |
| 3/8               | .1656           | 1.987               |
| 1/2               | .2940           | 3.528               |
| 5/8               | .4586           | 5.503               |
| 3/4               | .6595           | 7.914               |
| 7/8               | .8994           | 10.793              |
| 1                 | 1.1760          | 14.112              |
| 1-1/4             | 1.8380          | 22.056              |
| 1-1/2             | 2.6460          | 31.752              |
| 1-5/8             | 3.1080          | 37.296              |
| 1-3/4             | 3.5980          | 43.176              |
| 2                 | 4.7040          | 56.448              |
| 2-1/4             | 5.9470          | 71.364              |
| 2-1/2             | 7.3430          | 88.116              |
| 2-3/4             | 8.8840          | 106.608             |
| 3                 | 10.5700         | 126.840             |
| 3-1/2             | 14.3900         | 172.680             |
| 4                 | 18.8000         | 225.600             |
| 5                 | 29.3700         | 352.440             |
| 5-1/2             | 35.5700         | 426.840             |

**ALUMINUM FLATS**  
**6061-T6511 Extruded**  
**Sharp Corners, 12' Length**

| Size (in.) |        | Lbs./Ft. | Lbs/12' | Size (in.) |         | Lbs./Ft. | Lbs/12' |        |        |        |  |
|------------|--------|----------|---------|------------|---------|----------|---------|--------|--------|--------|--|
| 1/8        | X 3/4  | .1103    | 1.324   | 3/8        | X 2-1/2 | 1.1030   | 13.236  |        |        |        |  |
|            |        | .1470    | 1.764   |            |         | 3        | 1.3230  | 15.876 |        |        |  |
|            |        | .1838    | 2.206   |            |         | 4        | 1.7640  | 21.168 |        |        |  |
|            |        | .2205    | 2.646   |            |         | 5        | 2.2050  | 26.460 |        |        |  |
|            |        | .2940    | 3.528   |            |         | 6        | 2.6460  | 31.752 |        |        |  |
| 3/16       | X 3/4  | .1654    | 1.985   | 8          | 3.6280  | 43.536   |         |        |        |        |  |
|            |        | .2205    | 2.646   | 10         | 4.4100  | 52.920   |         |        |        |        |  |
|            |        | .2756    | 3.307   | 12         | 5.2920  | 63.504   |         |        |        |        |  |
|            |        | .3308    | 3.970   | 1/2        | X 3/4   | .4410    | 5.292   |        |        |        |  |
|            |        | .4410    | 5.292   |            |         | 1        | .5880   | 7.056  |        |        |  |
| .6615      | 7.938  | 1-1/4    | .7320   |            |         | 8.784    |         |        |        |        |  |
| 1/4        | X 1/2  | .1470    | 1.764   |            |         | 1-1/2    | .8820   | 10.584 |        |        |  |
|            |        | .2205    | 2.646   |            |         | 1-3/4    | 1.0290  | 12.348 |        |        |  |
|            |        | .2940    | 3.528   | 2          | 1.1760  | 14.112   |         |        |        |        |  |
|            |        | .3675    | 4.410   | 2-1/2      | 1.4700  | 17.640   |         |        |        |        |  |
|            |        | .4410    | 5.292   | 3          | 1.7640  | 21.168   |         |        |        |        |  |
| 1/4        | X 1/2  | .5880    | 7.056   | 3-1/2      | 2.0580  | 24.696   |         |        |        |        |  |
|            |        | .7350    | 8.820   | 4          | 2.3520  | 28.224   |         |        |        |        |  |
|            |        | .8820    | 10.584  | 4-1/2      | 2.6460  | 31.752   |         |        |        |        |  |
|            |        | 1.0320   | 12.384  | 5          | 2.9400  | 35.280   |         |        |        |        |  |
|            |        | 1.1760   | 14.112  | 6          | 3.5280  | 42.336   |         |        |        |        |  |
|            |        | 1.3200   | 15.840  | 7          | 4.1160  | 49.392   |         |        |        |        |  |
|            |        | 1.4700   | 17.640  | 8          | 4.7040  | 56.448   |         |        |        |        |  |
|            |        | 1.7640   | 21.168  | 10         | 5.8800  | 70.560   |         |        |        |        |  |
|            |        | 2.3520   | 28.224  | 12         | 7.0560  | 84.672   |         |        |        |        |  |
|            |        | 2.9400   | 35.280  | 14         | 8.2320  | 98.784   |         |        |        |        |  |
|            |        | 3.5280   | 42.336  | 5/8        | X 1     | .7350    | 8.820   |        |        |        |  |
|            |        | 4.1160   | 49.392  |            |         | 1-1/4    | .9180   | 11.016 |        |        |  |
|            |        | 5/16     | X 3/4   |            |         | .2756    | 3.307   | 1-1/2  | 1.1030 | 13.236 |  |
|            |        |          |         |            |         | .3675    | 4.410   | 2      | 1.4700 | 17.640 |  |
| .5513      | 6.616  |          |         |            |         | 2-1/2    | 1.8380  | 22.056 |        |        |  |
| .7350      | 8.820  |          |         | 3          | 2.2050  | 26.460   |         |        |        |        |  |
| .9188      | 11.026 |          |         | 4          | 2.9400  | 35.280   |         |        |        |        |  |
| 5/16       | X 3/4  | 1.1030   | 13.236  | 6          | 4.4100  | 52.920   |         |        |        |        |  |
|            |        | 3/8      | X 1/2   | .2205      | 2.646   | 3/4      | X 1     | .8820  | 10.584 |        |  |
|            |        |          |         | .3308      | 3.970   |          |         | 1-1/4  | 1.1030 | 13.236 |  |
|            |        |          |         | .4410      | 5.292   |          |         | 1-1/2  | 1.3230 | 15.876 |  |
|            |        |          |         | .5513      | 6.616   |          |         | 1-3/4  | 1.5440 | 18.528 |  |
| .6615      | 7.938  |          |         | 2          | 1.7640  |          |         | 21.168 |        |        |  |
| 3/8        | X 1/2  | .7680    | 9.216   | 2-1/2      | 2.2050  | 26.460   |         |        |        |        |  |
|            |        | .8820    | 10.584  | 3          | 2.6460  | 31.752   |         |        |        |        |  |
|            |        | 3/8      | X 1/2   | .2205      | 2.646   | 3-1/2    | 3.0870  | 37.044 |        |        |  |
|            |        |          |         | .3308      | 3.970   |          |         |        |        |        |  |
|            |        |          |         | .4410      | 5.292   |          |         |        |        |        |  |
| .5513      | 6.616  |          |         |            |         |          |         |        |        |        |  |
| .6615      | 7.938  |          |         |            |         |          |         |        |        |        |  |
| 3/8        | X 1/2  | .7680    | 9.216   |            |         |          |         |        |        |        |  |
|            |        | .8820    | 10.584  |            |         |          |         |        |        |        |  |

(continued on next page)

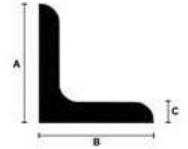
**ALUMINUM FLATS**  
**6061-T6511 Extruded**  
**Sharp Corners, 12' Length**

| Size (in.) |        |         | Lbs./Ft. | Lbs/12' | Size (in.) |        |         | Lbs./Ft. | Lbs/12' |        |         |        |         |
|------------|--------|---------|----------|---------|------------|--------|---------|----------|---------|--------|---------|--------|---------|
| 3/4        | X      | 4       | 3.528    | 42.336  | 1-5/8      | X      | 2       | 3.828    | 45.936  |        |         |        |         |
|            |        | 5       | 4.416    | 52.992  |            |        | 1-3/4   | X        | 3-1/2   | 7.203  | 86.436  |        |         |
|            |        | 6       | 5.292    | 63.504  |            |        |         |          | 3-3/4   | 7.718  | 92.616  |        |         |
|            |        | 8       | 7.056    | 84.672  |            |        |         |          | 4-1/2   | 9.261  | 111.132 |        |         |
|            |        | 10      | 8.820    | 105.840 |            |        |         |          | 5-1/2   | 11.320 | 135.840 |        |         |
|            |        | 12      | 10.580   | 126.960 |            |        |         |          | 2       | X      | 2-1/2   | 5.880  | 70.560  |
| 14         | 12.350 | 148.200 | 3        | 7.056   | 84.672     |        |         |          |         |        |         |        |         |
| 1          | X      | 1-1/4   | 1.470    | 17.640  | 3-1/2      | 8.232  | 98.784  |          |         |        |         |        |         |
|            |        | 1-1/2   | 1.764    | 21.168  | 4          | 9.408  | 112.896 |          |         |        |         |        |         |
|            |        | 1-3/4   | 2.058    | 24.696  | 4-1/2      | 10.580 | 126.960 |          |         |        |         |        |         |
|            |        | 2       | 2.352    | 28.224  | 5          | 11.760 | 141.120 |          |         |        |         |        |         |
|            |        | 2-1/2   | 2.940    | 35.280  | 6-1/2      | 15.290 | 183.480 |          |         |        |         |        |         |
|            |        | 3       | 3.528    | 42.336  | 7          | 16.460 | 197.520 |          |         |        |         |        |         |
|            |        | 3-1/2   | 4.116    | 49.392  | 8          | 18.820 | 225.840 |          |         |        |         |        |         |
|            |        | 4       | 4.704    | 56.448  | 8-1/2      | 19.990 | 239.880 |          |         |        |         |        |         |
|            |        | 5       | 5.880    | 70.560  | 2-1/4      | X      | 4       | 10.580   | 126.960 |        |         |        |         |
|            |        | 6       | 7.056    | 84.672  |            |        | 2-1/2   | X        | 2-5/8   | 7.718  | 92.616  |        |         |
|            |        | 8       | 9.408    | 112.896 |            |        |         |          | 3       | 8.820  | 105.840 |        |         |
|            |        | 10      | 11.760   | 141.120 |            |        |         |          | 3-1/4   | 9.555  | 114.660 |        |         |
| 12         | 14.110 | 169.320 | 3-1/2    | 10.290  |            |        |         |          | 123.480 |        |         |        |         |
| 1-1/4      | X      | 1-1/2   | 2.205    | 26.460  |            |        |         |          | 4       | 11.760 | 141.120 |        |         |
|            |        | 1-3/4   | 2.573    | 30.876  | 4-1/2      | 13.230 |         |          | 158.760 |        |         |        |         |
|            |        | 2       | 2.940    | 35.280  | 5          | 14.700 | 176.400 |          |         |        |         |        |         |
|            |        | 2-1/2   | 3.675    | 44.100  | 5-1/2      | 16.170 | 194.040 |          |         |        |         |        |         |
|            |        | 3       | 4.410    | 52.920  | 6          | 17.640 | 211.680 |          |         |        |         |        |         |
|            |        | 3-1/2   | 5.143    | 61.716  | 3          | X      | 4       | 14.110   | 169.320 |        |         |        |         |
|            |        | 3-3/4   | 5.513    | 66.156  |            |        | 5       | 17.640   | 211.680 |        |         |        |         |
|            |        | 4       | 5.880    | 70.560  |            |        | 3-1/2   | X        | 4       | 16.460 | 197.520 |        |         |
|            |        | 4-1/2   | 6.615    | 79.380  |            |        |         |          | 4-1/2   | 18.520 | 222.240 |        |         |
|            |        | 5-1/2   | 8.085    | 97.020  |            |        |         |          | 5       | 20.580 | 246.960 |        |         |
|            |        | 6       | 8.820    | 105.840 |            |        |         |          | 6       | 24.700 | 296.400 |        |         |
|            |        | 1-1/2   | X        | 1-3/4   | 3.087      | 37.044 |         |          | 4       | X      | 4-1/2   | 21.170 | 254.040 |
| 2          | 3.528  |         |          | 42.336  | 6          | 28.220 |         |          |         |        | 338.640 |        |         |
| 2-1/2      | 4.410  |         |          | 52.920  | 4-1/2      | X      | 5       | 26.460   |         |        | 317.520 |        |         |
| 3          | 5.292  |         |          | 63.504  |            |        | 5       | X        |         |        | 5-1/2   | 32.340 | 388.080 |
| 3-1/2      | 6.174  |         |          | 74.088  |            |        |         |          |         |        | 7       | 41.160 | 493.920 |
| 4          | 7.056  |         |          | 84.672  |            |        |         |          |         |        | 5       | X      | 5-1/2   |
| 5          | 8.820  |         |          | 105.840 |            |        |         |          | 7       | 41.160 |         |        | 493.920 |
| 5-1/2      | 9.702  |         |          | 116.424 |            |        |         |          | 5       | X      |         |        | 5-1/2   |
| 6          | 10.580 |         |          | 126.960 | 7          | 41.160 |         |          |         |        |         |        | 493.920 |
| 6-1/2      | 11.470 |         |          | 137.640 | 5          | X      | 5-1/2   | 32.340   |         |        |         |        | 388.080 |
| 8          | 14.110 |         |          | 169.320 |            |        | 7       | 41.160   |         |        |         |        | 493.920 |
| 8-1/2      | 14.990 |         |          | 179.880 |            |        | 5       | X        |         |        | 5-1/2   | 32.340 | 388.080 |
| 12         | 21.170 | 254.040 | 7        | 41.160  |            |        |         |          |         |        | 493.920 |        |         |



## ALUMINUM ANGLES – AMERICAN STANDARD

### 6016-T6, Extruded, Rounded Corner, 25' Length



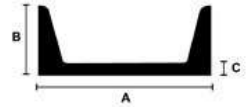
| Size (in.) |         |        | Lbs./Ft. | Lbs/25' | Size (in.) |         |        | Lbs./Ft. | Lbs/25' |
|------------|---------|--------|----------|---------|------------|---------|--------|----------|---------|
| (A)        | (B)     | (C)    |          |         | (A)        | (B)     | (C)    |          |         |
| 3/4        | X 3/4   | X 1/8  | .2011    | 5.028   | 3          | X 2     | X 3/16 | 1.071    | 26.775  |
|            |         |        |          |         |            |         | 1/4    | 1.403    | 35.075  |
| 1          | X 1     | X 1/8  | .2752    | 6.880   |            |         | 3/8    | 2.047    | 51.175  |
|            |         | 3/16   | .3998    | 9.995   |            |         |        |          |         |
|            |         | 1/4    | .5139    | 12.848  | 3          | X 2-1/2 | X 1/4  | 1.537    | 38.425  |
| 1-1/4      | X 1-1/4 | X 1/8  | .3434    | 8.585   | 3          | X 3     | X 3/16 | 1.275    | 31.875  |
|            |         | 3/16   | .5104    | 12.760  |            |         | 1/4    | 1.684    | 42.100  |
|            |         | 1/4    | .6562    | 16.405  |            |         | 5/16   | 2.082    | 52.050  |
| 1-1/2      | X 1-1/4 | X 1/8  | .3869    | 9.673   |            |         | 3/8    | 2.550    | 63.750  |
|            |         | 3/16   | .5657    | 14.143  |            |         | 1/2    | 3.227    | 80.675  |
|            |         | 1/4    | .7338    | 18.345  | 3-1/2      | X 2-1/2 | X 1/4  | 1.684    | 42.100  |
|            |         |        |          |         |            |         | 3/8    | 2.474    | 61.850  |
| 1-1/2      | X 1-1/2 | X 1/8  | .4234    | 10.585  | 3-1/2      | X 3-1/2 | X 1/4  | 1.989    | 49.725  |
|            |         | 3/16   | .6221    | 15.553  |            |         | 5/16   | 2.461    | 61.525  |
|            |         | 1/4    | .8091    | 20.228  |            |         |        |          |         |
| 1-3/4      | X 1-1/4 | X 3/16 | .6209    | 15.523  | 4          | X 3     | X 1/4  | 1.989    | 49.725  |
|            |         | 1/4    | .8091    | 20.228  |            |         | 3/8    | 2.926    | 73.150  |
| 1-3/4      | X 1-3/4 | X 3/16 | .7315    | 18.288  | 4          | X 4     | X 1/4  | 2.283    | 57.075  |
|            |         | 1/4    | .9561    | 23.903  |            |         | 3/8    | 3.366    | 84.150  |
|            |         |        |          |         |            |         | 1/2    | 4.414    | 110.350 |
| 2          | X 1-1/2 | X 1/8  | .4963    | 12.408  | 5          | X 3     | X 3/8  | 3.349    | 83.725  |
|            |         | 3/16   | .7315    | 18.288  |            |         |        |          |         |
|            |         | 1/4    | .9561    | 23.903  | 5          | X 3-1/2 | X 1/2  | 4.704    | 117.600 |
| 2          | X 2     | X 1/8  | .5774    | 14.435  | 5          | X 5     | X 3/8  | 4.237    | 105.925 |
|            |         | 3/16   | .8502    | 21.255  |            |         | 1/2    | 5.578    | 139.450 |
|            |         | 1/4    | 1.110    | 27.750  |            |         |        |          |         |
|            |         | 3/8    | 1.606    | 40.150  | 6          | X 3-1/2 | X 3/8  | 4.038    | 100.950 |
| 2-1/2      | X 2     | X 3/16 | .9608    | 24.020  | 6          | X 4     | X 3/8  | 4.237    | 105.925 |
|            |         | 1/4    | 1.257    | 31.425  |            |         | 1/2    | 5.578    | 139.450 |
| 2-1/2      | X 2-1/2 | X 3/16 | 1.070    | 26.750  | 6          | X 6     | X 3/8  | 5.120    | 128.000 |
|            |         | 1/4    | 1.404    | 35.100  |            |         | 1/2    | 6.754    | 168.850 |
|            |         | 5/16   | 1.729    | 43.225  |            |         |        |          |         |
|            |         | 3/8    | 2.047    | 51.175  | 8          | X 8     | X 1/2  | 9.141    | 228.525 |



## ALUMINUM ANGLE – ARCHITECTURAL 6063-T52, Sharp Corners, 16' Length

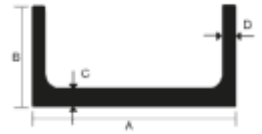
| Size (in.) |   |       |        | Lbs/Ft | Lbs/16' |
|------------|---|-------|--------|--------|---------|
| 3/8        | X | 3/4   | X 3/32 | .1126  | 1.802   |
| 1/2        | X | 1/2   | X 1/16 | .0682  | 1.091   |
|            |   |       | 1/8    | .1273  | 2.037   |
| 1/2        | X | 1     | X 1/8  | .2001  | 3.202   |
| 1/2        | X | 1-1/4 | X 1/8  | .2364  | 3.782   |
| 3/4        | X | 3/4   | X 1/16 | .1049  | 1.678   |
|            |   |       | 1/8    | .2001  | 3.202   |
| 3/4        | X | 1     | X 1/8  | .2364  | 3.782   |
| 3/4        | X | 1-1/2 | X 1/8  | .3092  | 4.947   |
| 1          | X | 1     | X 1/16 | .1410  | 2.256   |
|            |   |       | 1/8    | .2728  | 4.365   |
|            |   |       | 3/16   | .3955  | 6.328   |
| 1          | X | 1-1/2 | X 1/8  | .3456  | 5.530   |
| 1          | X | 2     | X 1/8  | .4183  | 6.693   |
| 1-1/4      | X | 1-1/4 | X 1/8  | .3456  | 5.530   |
|            |   |       | 3/16   | .5047  | 8.075   |
| 1-1/4      | X | 3-1/2 | X 1/8  | .6729  | 10.776  |
| 1-1/2      | X | 1-1/2 | X 1/8  | .4183  | 6.693   |
|            |   |       | 3/16   | .6138  | 9.821   |
| 1-3/4      | X | 1-3/4 | X 1/8  | .4911  | 7.858   |
| 2          | X | 2     | X 1/8  | .5638  | 9.021   |
|            |   |       | 3/16   | .8230  | 13.168  |
|            |   |       | 1/4    | 1.0910 | 17.456  |
| 2-1/4      | X | 5-1/4 | X 1/8  | 1.0730 | 17.168  |

## ALUMINUM CHANNELS – AMERICAN STANDARD 6016-T6, Extruded, 25' Length



| Depth (A) | Flange (B) | Web (C) | Lbs./Ft. | Lbs/25' | Depth (A) | Flange (B) | Web (C) | Lbs./Ft. | Lbs/25' |
|-----------|------------|---------|----------|---------|-----------|------------|---------|----------|---------|
| 3         | 1.410      | .170    | 1.417    | 35.425  | 6         | 2.157      | .438    | 4.505    | 112.625 |
| 3         | 1.498      | .258    | 1.729    | 43.225  |           |            |         |          |         |
| 3         | 1.596      | .356    | 2.075    | 51.875  | 7         | 2.115      | .230    | 3.541    | 88.525  |
| 4         | 1.580      | .180    | 1.846    | 46.150  | 8         | 2.290      | .250    | 4.252    | 106.300 |
| 4         | 1.647      | .247    | 2.162    | 54.050  | 8         | 2.527      | .487    | 6.485    | 162.125 |
| 4         | 1.720      | .320    | 2.504    | 62.600  |           |            |         |          |         |
| 5         | 1.750      | .190    | 2.316    | 57.900  | 9         | 2.430      | .230    | 4.604    | 115.100 |
| 5         | 1.885      | .325    | 3.108    | 77.700  | 10        | 2.600      | .240    | 5.278    | 131.950 |
| 5         | 2.032      | .472    | 3.975    | 99.375  | 10        | 2.886      | .526    | 8.640    | 216.000 |
| 6         | 1.920      | .200    | 2.826    | 70.650  | 12        | 2.960      | .300    | 7.400    | 185.000 |
| 6         | 1.945      | .225    | 3.002    | 75.050  | 12        | 3.047      | .387    | 8.639    | 215.975 |
| 6         | 2.034      | .315    | 3.632    | 90.800  | 12        | 3.170      | .510    | 10.380   | 259.500 |

## ALUMINUM CHANNELS – ALUM ASSOCIATION 6016-T6, Extruded, 25' Length



| Depth (A) | Flange (B) | Web (C) | Flange Thickness (D) | Lbs./Ft. | Lbs/25' |
|-----------|------------|---------|----------------------|----------|---------|
| 2         | 1.00       | .13     | .13                  | .5774    | 14.435  |
| 2         | 1.25       | .17     | .26                  | 1.071    | 26.775  |
| 3         | 1.50       | .13     | .20                  | 1.135    | 28.375  |
| 3         | 1.75       | .17     | .26                  | 1.597    | 39.925  |
| 4         | 2.00       | .15     | .23                  | 1.738    | 43.450  |
| 4         | 2.25       | .19     | .29                  | 2.331    | 58.275  |
| 5         | 2.25       | .15     | .26                  | 2.212    | 55.300  |
| 5         | 2.75       | .19     | .32                  | 3.089    | 77.225  |
| 6         | 2.50       | .17     | .29                  | 2.834    | 70.850  |
| 6         | 3.25       | .21     | .35                  | 4.030    | 100.750 |
| 7         | 3.50       | .21     | .38                  | 4.715    | 117.875 |
| 8         | 3.00       | .19     | .35                  | 4.147    | 103.675 |
| 8         | 3.75       | .25     | .41                  | 5.789    | 144.725 |
| 9         | 3.25       | .23     | .35                  | 4.982    | 124.550 |
| 10        | 3.50       | .25     | .41                  | 6.138    | 153.450 |
| 10        | 4.25       | .31     | .50                  | 8.359    | 208.975 |
| 12        | 4.00       | .29     | .47                  | 8.274    | 206.850 |



## ALUMINUM CHANNEL – SHARP CORNER

### 6063-T52, 16' Length

| Depth (A) | Flange (B) | Web (C) | Lbs./Ft. | Lbs./16' |
|-----------|------------|---------|----------|----------|
| 1/2       | 3/8        | 1/8     | .1455    | 2.328    |
| 1/2       | 1/2        | 3/32    | .1433    | 2.293    |
| 1/2       | 3/4        | 1/8     | .2547    | 4.075    |
| 5/8       | 5/8        | 1/8     | .2364    | 3.782    |
| 3/4       | 3/8        | 1/8     | .1819    | 2.910    |
| 3/4       | 3/4        | 1/8     | .2910    | 4.656    |
| 1         | 1/2        | 1/8     | .2547    | 4.075    |
| 1         | 1          | 1/8     | .4002    | 6.403    |
| 1-1/4     | 1/2        | 1/8     | .2910    | 4.656    |
| 1-1/4     | 1-1/4      | 1/8     | .5093    | 8.149    |
| 1-1/2     | 1/2        | 1/8     | .3274    | 5.238    |
| 1-3/4     | 1/2        | 1/8     | .3638    | 5.821    |
| 1-3/4     | 3/4        | 1/8     | .4365    | 6.984    |
| 1-3/4     | 1          | 1/8     | .5093    | 8.149    |
| 2         | 1/2        | 1/8     | .4002    | 6.403    |
| 2         | 1          | 1/8     | .5457    | 8.731    |
| 2         | 1          | 1/8     | .5457    | 8.731    |
| 2-1/4     | 7/8        | 1/8     | .5457    | 8.731    |
| 2-1/2     | 1-1/2      | 1/8     | .7718    | 12.349   |
| 3         | 1/2        | 1/8     | .5457    | 8.731    |
| 3         | 1          | 1/8     | .6912    | 11.059   |
| 5         | 2          | 3/16    | 1.8820   | 30.112   |

**ALUMINUM SQUARE TUBING**  
**6063-T52, Extruded, 21'1" Length**

| Size (in.) |   |       |   | Lbs./Ft. | Lbs./21'1" |
|------------|---|-------|---|----------|------------|
| 3/4        | X | 3/4   | X | .062     | 4.187      |
|            |   |       |   | .125     | 7.670      |
| 1          | X | 1     | X | .062     | 5.709      |
|            |   |       |   | .125     | 10.738     |
| 1-1/4      | X | 1-1/4 | X | .125     | 13.805     |
| 1-1/2      | X | 1-1/2 | X | .125     | 16.873     |
| 1-3/4      | X | 1-3/4 |   | .125     | 19.941     |
| 2          | X | 2     |   | .125     | 23.002     |
|            |   |       | X | .188     | 33.438     |
| 2-1/2      | X | 2-1/2 | X | .125     | 30.065     |
| 3          | X | 3     | X | .125     | 35.272     |
| 4          | X | 4     | X | .125     | 47.543     |

**ALUMINUM RECTANGULAR TUBING**  
**6063-T52, Extruded, 21'1" Length**

| Size (in.) |   |       |   | Lbs./Ft. | Lbs./21'1" |
|------------|---|-------|---|----------|------------|
| 1/2        | X | 1     | X | .125     | 7.670      |
| 3/4        | X | 1-1/2 | X | .125     | 12.271     |
| 1          | X | 1-1/2 | X | .125     | 13.805     |
| 1          | X | 2     | X | .125     | 16.873     |
| 1-1/4      | X | 2-1/2 | X | .125     | 21.484     |
| 1-1/2      | X | 2     | X | .125     | 19.941     |
| 1-1/2      | X | 2-1/2 | X | .125     | 23.002     |
| 1-1/2      | X | 3     | X | .125     | 26.354     |
| 1-3/4      | X | 3     | X | .125     | 27.619     |
| 1-3/4      | X | 3-1/2 | X | .125     | 30.676     |
| 1-3/4      | X | 4     | X | .125     | 33.754     |
| 1-3/4      | X | 4-1/2 | X | .125     | 36.812     |
| 1-3/4      | X | 5     | X | .125     | 39.890     |
| 2          | X | 3     | X | .125     | 29.137     |
| 2          | X | 4     | X | .125     | 35.272     |
| 2          | X | 5     | X | .125     | 41.408     |
| 2          | X | 6     | X | .125     | 47.543     |
| 3          | X | 6     | X | .188     | 80.412     |

**ALUMINUM ROUND PIPE**  
**6061-T6, Schedule 40, 20' Length**

| Nominal Size | O.D.   | I.D.   | Wall | Lbs./Ft |
|--------------|--------|--------|------|---------|
| 1/8*         | .405   | .269   | .068 | .0847   |
| 1/4*         | .540   | .364   | .088 | .1470   |
| 3/8*         | .675   | .493   | .091 | .1963   |
| 1/2          | .840   | .622   | .109 | .2944   |
| 3/4          | 1.050  | .824   | .113 | .3912   |
| 1            | 1.315  | 1.049  | .133 | .5808   |
| 1-1/4        | 1.660  | 1.380  | .140 | .7862   |
| 1-1/2        | 1.900  | 1.610  | .145 | .9402   |
| 2            | 2.375  | 2.067  | .154 | 1.2640  |
| 2-1/2        | 2.875  | 2.469  | .203 | 2.0040  |
| 3            | 3.500  | 3.068  | .216 | 2.6210  |
| 3-1/2        | 4.000  | 3.548  | .226 | 3.1510  |
| 4            | 4.500  | 4.026  | .237 | 3.7330  |
| 5            | 5.563  | 5.047  | .258 | 5.0570  |
| 6            | 6.625  | 6.065  | .280 | 6.5640  |
| 8            | 8.625  | 7.981  | .322 | 9.8780  |
| 10           | 10.750 | 10.020 | .365 | 14.0000 |

\* 12' Lengths

**ALUMINUM ROUND PIPE**  
**6061-T6, Schedule 80, 20' Length**

| Nominal Size | O.D.  | I.D.  | Wall | Lbs./Ft |
|--------------|-------|-------|------|---------|
| 1            | 1.315 | .957  | .179 | .7513   |
| 1-1/4        | 1.660 | 1.278 | .191 | 1.0370  |
| 1-1/2        | 1.900 | 1.500 | .200 | 1.2560  |
| 2            | 2.375 | 1.939 | .218 | 1.7370  |
| 2-1/2        | 2.875 | 2.323 | .276 | 2.6500  |
| 3            | 3.500 | 2.900 | .300 | 3.5470  |
| 3-1/2        | 4.000 | 3.364 | .318 | 4.3260  |
| 4            | 4.500 | 3.826 | .337 | 5.1830  |
| 5            | 5.563 | 4.813 | .375 | 7.1880  |
| 6            | 6.625 | 5.761 | .432 | 9.8840  |
| 8            | 8.625 | 7.625 | .500 | 15.0100 |

**STAINLESS STEEL SHEET**  
**ASTM A-240, Type 304 (also available Type 316)**  
**2B Finish – Cold Rolled, Annealed**  
**#3 & #4 Finish – Polished One Side**

| Gage          | Size (In.) | Lbs/<br>Sq. Ft. | Lbs/<br>Sheet | Gage          | Size (In.) | Lbs/<br>Sq. Ft. | Lbs/<br>Sheet |
|---------------|------------|-----------------|---------------|---------------|------------|-----------------|---------------|
| 28 Ga. (.015) | 36 x 96    | .6300           | 15.12         | 16 Ga. (.060) | 36 x 96    | 2.520           | 60.48         |
|               | 36 x 120   | .6300           | 18.90         |               | 36 x 120   | 2.520           | 75.60         |
| 26 Ga. (.018) | 36 x 96    | .7560           | 18.14         |               | 36 x 144   | 2.520           | 90.72         |
|               | 36 x 120   | .7560           | 22.68         |               | 48 x 96    | 2.520           | 80.64         |
|               | 48 x 96    | .7560           | 24.19         |               | 48 x 120   | 2.520           | 100.80        |
|               | 48 x 120   | .7560           | 30.24         |               | 48 x 144   | 2.520           | 120.96        |
| 24 Ga. (.024) | 36 x 96    | 1.008           | 24.19         |               | 60 x 96    | 2.520           | 100.80        |
|               | 36 x 120   | 1.008           | 30.24         |               | 60 x 120   | 2.520           | 126.00        |
|               | 48 x 96    | 1.008           | 32.26         |               | 60 x 144   | 2.520           | 151.20        |
|               | 48 x 120   | 1.008           | 40.32         |               | 72 x 96    | 2.520           | 120.96        |
| 22 Ga. (.030) | 36 x 96    | 1.260           | 30.24         | 14 Ga. (.075) | 36 x 96    | 3.150           | 75.60         |
|               | 36 x 120   | 1.260           | 37.80         |               | 36 x 120   | 3.150           | 94.50         |
|               | 48 x 96    | 1.260           | 40.32         |               | 36 x 144   | 3.150           | 113.40        |
|               | 48 x 120   | 1.260           | 50.40         |               | 48 x 96    | 3.150           | 100.80        |
|               | 48 x 144   | 1.260           | 60.48         |               | 48 x 120   | 3.150           | 126.00        |
|               | 60 x 120   | 1.260           | 63.00         |               | 48 x 144   | 3.150           | 151.20        |
|               | 60 x 144   | 1.260           | 75.60         |               | 60 x 96    | 3.150           | 126.00        |
| 20 Ga. (.036) | 36 x 96    | 1.512           | 36.29         |               | 60 x 120   | 3.150           | 157.50        |
|               | 36 x 120   | 1.512           | 45.36         |               | 60 x 144   | 3.150           | 189.00        |
|               | 48 x 96    | 1.512           | 48.38         |               | 72 x 96    | 3.150           | 151.20        |
|               | 48 x 120   | 1.512           | 60.48         | 72 x 120      | 3.150      | 189.00          |               |
|               | 48 x 144   | 1.512           | 72.58         | 72 x 144      | 3.150      | 226.80          |               |
|               | 60 x 120   | 1.512           | 75.60         | 13 Ga. (.090) | 36 x 96    | 3.780           | 90.72         |
|               | 60 x 144   | 1.512           | 90.72         |               | 36 x 120   | 3.780           | 113.40        |
| 19 Ga. (.042) | 48 x 96    | 1.764           | 56.45         |               | 48 x 96    | 3.780           | 120.96        |
|               | 48 x 120   | 1.764           | 70.56         |               | 48 x 120   | 3.780           | 151.20        |
| 18 Ga. (.048) | 36 x 96    | 2.016           | 48.38         | 60 x 120      | 3.780      | 189.00          |               |
|               | 36 x 120   | 2.016           | 60.48         | 12 Ga. (.105) | 36 x 96    | 4.410           | 105.84        |
|               | 36 x 144   | 2.016           | 72.58         |               | 36 x 120   | 4.410           | 132.30        |
|               | 48 x 96    | 2.016           | 64.51         |               | 48 x 96    | 4.410           | 141.12        |
|               | 48 x 120   | 2.016           | 80.64         |               | 48 x 120   | 4.410           | 176.40        |
|               | 48 x 144   | 2.016           | 96.77         |               | 48 x 144   | 4.410           | 211.68        |
|               | 60 x 96    | 2.016           | 80.64         |               | 60 x 96    | 4.410           | 176.40        |
|               | 60 x 120   | 2.016           | 100.80        |               | 60 x 120   | 4.410           | 220.50        |
|               | 60 x 144   | 2.016           | 120.96        |               | 60 x 144   | 4.410           | 264.60        |
|               |            |                 |               |               |            | 72 x 96         | 4.410         |
|               |            |                 |               |               | 72 x 120   | 4.410           | 264.60        |
|               |            |                 |               | 72 x 144      | 4.410      | 317.52          |               |

(continued on next page)

**STAINLESS STEEL SHEET**  
**ASTM A-240, Type 304 (also available Type 316)**  
**2B Finish – Cold Rolled, Annealed**  
**#3 & #4 Finish – Polished One Side**

| Gage          | Size (In.) | Lbs/<br>Sq. Ft. | Lbs/<br>Sheet | Gage          | Size (In.) | Lbs/<br>Sq. Ft. | Lbs/<br>Sheet |
|---------------|------------|-----------------|---------------|---------------|------------|-----------------|---------------|
| 11 Ga. (.120) | 36 x 96    | 5.040           | 120.46        | 8 Ga. (.165)  | 48 x 96    | 6.930           | 221.76        |
|               | 36 x 120   | 5.040           | 151.20        |               | 48 x 120   | 6.930           | 277.20        |
|               | 36 x 144   | 5.040           | 181.44        |               | 48 x 144   | 6.930           | 332.64        |
|               | 48 x 96    | 5.040           | 161.28        |               | 60 x 120   | 6.930           | 346.50        |
|               | 48 x 120   | 5.040           | 201.60        | 7 Ga. (.1874) | 48 x 96    | 7.871           | 251.87        |
|               | 48 x 144   | 5.040           | 241.92        |               | 48 x 120   | 7.871           | 314.84        |
|               | 60 x 96    | 5.040           | 201.60        |               | 48 x 144   | 7.871           | 377.81        |
|               | 60 x 120   | 5.040           | 252.00        |               | 60 x 96    | 7.871           | 314.84        |
|               | 60 x 144   | 5.040           | 302.40        |               | 60 x 120   | 7.871           | 393.55        |
|               | 72 x 96    | 5.040           | 241.92        |               | 60 x 144   | 7.871           | 472.26        |
|               | 72 x 120   | 5.040           | 302.40        |               | 72 x 96    | 7.871           | 377.81        |
|               | 72 x 144   | 5.040           | 362.88        |               | 72 x 120   | 7.871           | 472.26        |
| 10 Ga. (.135) | 36 x 120   | 5.670           | 170.10        | 72 x 144      | 7.871      | 566.71          |               |
|               | 36 x 144   | 5.670           | 204.12        |               |            |                 |               |
|               | 48 x 96    | 5.670           | 181.44        |               |            |                 |               |
|               | 48 x 120   | 5.670           | 226.80        |               |            |                 |               |
|               | 48 x 144   | 5.670           | 272.16        |               |            |                 |               |
|               | 60 x 96    | 5.670           | 226.80        |               |            |                 |               |
|               | 60 x 120   | 5.670           | 283.50        |               |            |                 |               |
|               | 60 x 144   | 5.670           | 340.20        |               |            |                 |               |
|               | 72 x 96    | 5.670           | 272.16        |               |            |                 |               |
|               | 72 x 120   | 5.670           | 240.20        |               |            |                 |               |
| 72 x 144      | 5.670      | 408.24          |               |               |            |                 |               |



**STAINLESS STEEL PLATE**  
**ASTM A-240, Type 304 (also available Type 316)**  
**Hot Rolled, Annealed and Pickled, Non-Magnetic**

| Thickness & Size |          | Lbs./ Sq. Ft. | Lbs./ Plate | Thickness & Size |          | Lbs./ Sq. Ft. | Lbs./ Plate |          |
|------------------|----------|---------------|-------------|------------------|----------|---------------|-------------|----------|
| 3/16             | 48 x 96  | 8.579         | 274.53      | 1/2              | 72 x 240 | 21.663        | 2599.56     |          |
|                  | 48 x 120 | 8.579         | 343.16      |                  | 84 x 240 |               | 3032.82     |          |
|                  | 48 x 240 | 8.579         | 686.32      |                  | 96 x 240 |               | 3466.08     |          |
|                  | 60 x 120 | 8.579         | 428.95      | 9/16             | 96 x 240 | 24.247        | 3879.52     |          |
|                  | 60 x 144 | 8.579         | 514.74      |                  | 5/8      | 72 x 120      | 26.831      | 1609.86  |
|                  | 60 x 240 | 8.579         | 857.90      |                  |          | 84 x 240      |             | 3756.34  |
|                  | 72 x 120 | 8.579         | 514.74      |                  |          | 96 x 240      |             | 4292.96  |
|                  | 72 x 144 | 8.579         | 617.69      | 3/4              | 96 x 240 | 32.123        | 5139.68     |          |
|                  | 72 x 240 | 8.579         | 1029.48     |                  | 7/8      | 96 x 240      | 37.291      | 5966.56  |
|                  | 84 x 240 | 8.579         | 1201.06     |                  |          | 1             | 60 x 120    | 42.665   |
| 96 x 240         | 8.579    | 1372.64       | 96 x 240    |                  |          |               | 6826.40     |          |
| 1/4              | 48 x 96  | 11.162        | 357.18      | 1-1/8            |          |               | 96 x 240    | 47.837   |
|                  | 48 x 120 | 11.162        | 446.48      | 1-1/4            | 84 x 240 | 53.006        | 7420.84     |          |
|                  | 48 x 240 | 11.162        | 892.96      |                  | 96 x 240 |               | 8480.96     |          |
|                  | 60 x 240 | 11.162        | 1116.20     | 1-1/2            | 84 x 240 | 63.331        | 8866.34     |          |
|                  | 72 x 120 | 11.162        | 669.72      |                  | 96 x 240 |               | 10132.96    |          |
|                  | 72 x 144 | 11.162        | 803.66      |                  | 1-3/4    | 84 x 240      | 73.670      | 10313.80 |
|                  | 72 x 240 | 11.162        | 1339.44     | 96 x 240         |          |               | 11787.20    |          |
|                  | 84 x 240 | 11.162        | 1562.68     | 2                | 96 x 120 | 84.009        | 6720.72     |          |
|                  | 96 x 240 | 11.162        | 1785.92     |                  | 96 x 240 |               | 13441.44    |          |
| 5/16             | 72 x 240 | 13.746        | 1649.52     |                  | 2-1/2    | 84 x 120      | 105.120     | 7358.40  |
|                  | 84 x 240 | 13.746        | 1924.44     |                  |          |               |             |          |
|                  | 96 x 240 | 13.746        | 2199.36     |                  |          |               |             |          |
| 3/8              | 48 x 240 | 16.496        | 1319.68     |                  |          |               |             |          |
|                  | 72 x 240 | 16.496        | 1979.52     |                  |          |               |             |          |
|                  | 84 x 240 | 16.496        | 2309.44     |                  |          |               |             |          |
|                  | 96 x 240 | 16.496        | 2639.36     |                  |          |               |             |          |

**STAINLESS STEEL ROUNDS**  
**Type 303 (also available Type 304, 316)**  
**Annealed, Non-Magnetic, 12' Length**

| Size (In.) | Lbs./Ft. | Lbs./12' | Size (In) | Lbs./Ft. | Lbs./12' |
|------------|----------|----------|-----------|----------|----------|
| 1/16       | .0104    | .125     | 15/16     | 2.347    | 28.164   |
| 5/64       | .0163    | .196     | 1         | 2.670    | 32.040   |
| 3/32       | .0235    | .282     | 1-1/64    | 2.754    | 33.048   |
| 7/64       | .0320    | .384     | 1-1/16    | 3.015    | 36.180   |
| 1/8        | .0417    | .500     | 1-1/8     | 3.380    | 40.560   |
| 9/64       | .0528    | .634     | 1-3/16    | 3.766    | 45.192   |
| 5/32       | .0652    | .782     | 1-1/4     | 4.173    | 50.076   |
| 11/64      | .0790    | .948     | 1-5/16    | 4.600    | 55.200   |
| 3/16       | .0939    | 1.127    | 1-3/8     | 5.049    | 60.588   |
| 13/64      | .1102    | 1.322    | 1-7/16    | 5.518    | 66.216   |
| 7/32       | .1278    | 1.534    | 1-1/2     | 6.008    | 72.096   |
| 1/4        | .1669    | 2.003    | 1-9/16    | 6.520    | 78.240   |
| 14/64      | .1884    | 2.261    | 1-5/8     | 7.052    | 84.624   |
| 9/32       | .2113    | 2.536    | 1-11/16   | 7.604    | 91.248   |
| 5/16       | .2608    | 3.130    | 1-3/4     | 8.178    | 98.136   |
| 21/64      | .2875    | 3.450    | 1-13/16   | 8.770    | 105.240  |
| 11/32      | .3156    | 3.787    | 1-7/8     | 9.388    | 112.656  |
| 3/8        | .3755    | 4.506    | 1-15/16   | 10.020   | 120.240  |
| 25/64      | .4074    | 4.889    | 2         | 10.680   | 128.160  |
| 13/32      | .4408    | 5.290    | 2-1/16    | 11.360   | 136.320  |
| 7/16       | .5111    | 6.133    | 2-1/8     | 12.060   | 144.720  |
| 15/32      | .5869    | 7.043    | 2-1/4     | 13.520   | 162.240  |
| 1/2        | .6676    | 8.011    | 2-3/8     | 15.060   | 180.720  |
| 33/64      | .7100    | 8.520    | 2-7/16    | 15.870   | 190.440  |
| 17/32      | .7538    | 9.046    | 2-1/2     | 16.690   | 200.280  |
| 9/16       | .8449    | 10.139   | 2-9/16    | 17.530   | 210.360  |
| 19/32      | .9416    | 11.299   | 2-5/8     | 18.400   | 220.800  |
| 5/8        | 1.0430   | 12.516   | 2-3/4     | 20.190   | 242.280  |
| 41/64      | 1.0960   | 13.152   | 2-7/8     | 22.070   | 264.840  |
| 21/32      | 1.1500   | 13.800   | 3         | 24.030   | 288.360  |
| 11/16      | 1.2620   | 15.144   | 3-1/4     | 28.210   | 338.520  |
| 3/4        | 1.5020   | 18.024   | 3-1/2     | 32.710   | 392.520  |
| 49/64      | 1.5650   | 18.780   | 3-3/4     | 37.550   | 450.600  |
| 13/16      | 1.7630   | 21.156   | 4         | 42.730   | 512.760  |
| 7/8        | 2.045    | 24.540   | 4-1/4     | 48.230   | 578.760  |
| 29/32      | 2.190    | 26.280   | 4-1/2     | 54.080   | 648.960  |

**STAINLESS STEEL SQUARES**  
**Type 303, ASTM A-582 Condition A**  
**Annealed and Cold Finished, Non-Magnetic, 12' Length**

| Size (In.) | Lbs./Ft. | Lbs./12' | Size (In) | Lbs./Ft. | Lbs./12' |
|------------|----------|----------|-----------|----------|----------|
| 1/8        | .053     | .636     | 3/4       | 1.913    | 22.956   |
| 3/16       | .120     | 1.440    | 7/8       | 2.603    | 31.236   |
| 1/4        | .213     | 2.556    | 1         | 3.400    | 40.800   |
| 5/16       | .332     | 3.984    | 1-1/8     | 4.303    | 51.636   |
| 3/8        | .478     | 5.736    | 1-1/4     | 5.313    | 63.756   |
| 7/16       | .651     | 7.812    | 1-1/2     | 7.650    | 91.800   |
| 1/2        | .850     | 10.200   | 1-3/4     | 10.410   | 124.920  |
| 9/16       | 1.076    | 12.912   | 2         | 13.600   | 163.200  |
| 5/8        | 1.328    | 15.936   | 2-1/2     | 21.250   | 255.00   |

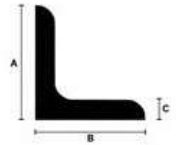
**STAINLESS STEEL HEXAGONS**  
**Type 303, ASTM A582 Condition A**  
**Annealed and Cold Finished, Non-Magnetic, 12' Length**

| Size (In.) | Lbs./Ft. | Lbs./12' | Size (In) | Lbs./Ft. | Lbs./12' |
|------------|----------|----------|-----------|----------|----------|
| 1/8        | .046     | .552     | 1         | 2.944    | 35.328   |
| 3/16       | .104     | 1.248    | 1-1/16    | 3.324    | 39.888   |
| 1/4        | .184     | 2.208    | 1-1/8     | 3.727    | 44.724   |
| 5/16       | .288     | 3.456    | 1-1/4     | 4.601    | 55.212   |
| 3/8        | .414     | 4.968    | 1-5/16    | 5.072    | 60.864   |
| 7/16       | .564     | 6.768    | 1-3/8     | 5.567    | 66.804   |
| 1/2        | .736     | 8.832    | 1-1/2     | 6.625    | 79.500   |
| 9/16       | .932     | 11.184   | 1-5/8     | 7.775    | 93.300   |
| 5/8        | 1.150    | 13.800   | 1-3/4     | 9.017    | 108.204  |
| 11/16      | 1.392    | 16.704   | 1-7/8     | 10.355   | 124.260  |
| 3/4        | 1.656    | 19.872   | 2         | 11.780   | 141.360  |
| 13/16      | 1.944    | 23.328   | 2-1/4     | 14.907   | 178.884  |
| 7/8        | 2.254    | 27.048   | 2-1/2     | 18.403   | 220.836  |
| 15/16      | 2.588    | 31.056   | 3         | 26.520   | 318.240  |

**STAINLESS STEEL FLATS**  
**Type 304, ASTM A-479 Condition A**  
**Annealed and Pickled, Non-Magnetic, 12' Length**

| Size (In.) |       | Lbs./Ft. | Lbs./12' | Size (In) |        | Lbs./Ft. | Lbs./12' |
|------------|-------|----------|----------|-----------|--------|----------|----------|
| 1/8 x      | 1/2   | .213     | 2.556    | 1/2 x     | 3/4    | 1.275    | 15.300   |
|            | 5/8   | .266     | 3.192    |           | 1      | 1.700    | 20.400   |
|            | 3/4   | .319     | 3.828    |           | 1-1/4  | 2.125    | 25.500   |
|            | 1     | .425     | 5.100    |           | 1-1/2  | 2.550    | 30.600   |
|            | 1-1/4 | .531     | 6.372    |           | 1-3/4  | 2.975    | 35.700   |
|            | 1-1/2 | .638     | 7.656    |           | 2      | 3.400    | 40.800   |
|            | 2     | .850     | 10.200   |           | 2-1/2  | 4.250    | 51.000   |
|            | 2-1/2 | 1.063    | 12.756   |           | 3      | 5.100    | 61.200   |
|            | 3     | 1.275    | 15.300   |           | 3-1/2  | 5.950    | 71.400   |
| 3/16 x     | 1/2   | .319     | 3.828    | 4         | 6.800  | 81.600   |          |
|            | 5/8   | .398     | 4.776    | 4-1/2     | 7.650  | 91.800   |          |
|            | 3/4   | .478     | 5.736    | 5         | 8.500  | 102.000  |          |
|            | 1     | .638     | 7.656    | 6         | 10.200 | 122.400  |          |
|            | 1-1/4 | .797     | 9.564    | 5/8 x     | 3/4    | 1.590    | 19.080   |
|            | 1-1/2 | .956     | 11.472   |           | 1      | 2.125    | 25.500   |
|            | 1-3/4 | 1.116    | 13.392   |           | 1-1/2  | 3.188    | 38.256   |
|            | 2     | 1.275    | 15.300   |           | 2      | 4.250    | 51.000   |
|            | 2-1/2 | 1.594    | 19.128   |           | 2-1/2  | 5.310    | 63.720   |
| 3          | 1.913 | 22.956   | 3        |           | 6.380  | 76.560   |          |
| 1/4 x      | 1/2   | .425     | 5.100    |           | 3-1/2  | 7.440    | 89.280   |
|            | 5/8   | .531     | 6.372    |           | 4      | 8.500    | 102.000  |
|            | 3/4   | .638     | 7.656    |           | 6      | 12.750   | 153.000  |
|            | 1     | .850     | 10.200   | 3/4 x     | 1      | 2.550    | 30.600   |
|            | 1-1/4 | 1.063    | 12.756   |           | 1-1/4  | 3.188    | 38.256   |
|            | 1-1/2 | 1.275    | 15.300   |           | 1-1/2  | 3.825    | 45.900   |
|            | 1-3/4 | 1.488    | 17.856   |           | 2      | 5.100    | 61.200   |
|            | 2     | 1.700    | 20.400   |           | 2-1/2  | 6.375    | 76.500   |
|            | 2-1/2 | 2.125    | 25.500   |           | 3      | 7.650    | 91.800   |
| 3          | 2.550 | 30.600   | 4        |           | 10.200 | 122.400  |          |
| 4          | 3.400 | 40.800   | 5        |           | 12.750 | 153.000  |          |
| 6          | 5.100 | 61.200   | 6        |           | 15.300 | 183.600  |          |
| 3/8 x      | 1/2   | .638     | 7.656    | 1 x       | 1-1/2  | 5.100    | 61.200   |
|            | 3/4   | .956     | 11.472   |           | 1-3/4  | 5.950    | 71.400   |
|            | 1     | 1.275    | 15.300   |           | 2      | 6.800    | 81.600   |
|            | 1-1/4 | 1.590    | 19.080   |           | 2-1/2  | 8.500    | 102.000  |
|            | 1-1/2 | 1.913    | 22.956   |           | 3      | 10.200   | 122.400  |
|            | 1-3/4 | 2.231    | 26.772   |           | 4      | 13.600   | 163.200  |
|            | 2     | 2.550    | 30.600   |           | 6      | 20.400   | 244.800  |
|            | 2-1/2 | 3.188    | 38.256   |           |        |          |          |
|            | 3     | 3.825    | 45.900   |           |        |          |          |
| 4          | 5.100 | 61.200   |          |           |        |          |          |
| 5          | 6.375 | 76.500   |          |           |        |          |          |
| 6          | 7.650 | 91.800   |          |           |        |          |          |

**STAINLESS STEEL ANGLES**  
**Type 304, ASTM A-479 Condition A**  
**Annealed and Pickled, Non-Magnetic, 20' Length**



| Size (In.) |         |        |         |          | Size (In.) |         |        |         |          |        |        |
|------------|---------|--------|---------|----------|------------|---------|--------|---------|----------|--------|--------|
| (A)        | (B)     | (C)    | Lbs./Ft | Lbs./20' | (A)        | (B)     | (C)    | Lbs./Ft | Lbs./20' |        |        |
| 3/4        | X 1-1/2 | X 3/16 | 0.59    | 11.80    | 2          | X 2     | X 1/8  | 1.65    | 31.00    |        |        |
|            |         |        |         |          |            |         | X 3/16 | 2.44    | 48.80    |        |        |
| 1          | X 1     | X 1/8  | 0.80    | 16.00    |            |         | X 1/4  | 3.19    | 63.80    |        |        |
|            |         | X 3/16 | 1.16    | 23.20    |            |         | X 3/8  | 4.70    | 94.00    |        |        |
|            |         | X 1/4  | 1.49    | 29.80    |            |         |        |         |          |        |        |
| 1-1/4      | X 1-1/4 | X 1/8  | 1.01    | 20.20    | 2-1/2      | X 2-1/2 | X 3/16 | 3.07    | 61.40    |        |        |
|            |         | X 3/16 | 1.48    | 29.60    |            |         |        |         | X 1/4    | 4.10   | 82.00  |
|            |         | X 1/4  | 1.92    | 38.40    |            |         |        |         | X 3/8    | 5.90   | 118.00 |
| 1-1/2      | X 1-1/2 | X 1/8  | 1.23    | 24.60    | 3          | X 3     | X 1/4  | 4.90    | 98.00    |        |        |
|            |         | X 3/16 | 1.80    | 36.00    |            |         |        |         | X 3/8    | 7.20   | 144.00 |
|            |         | X 1/4  | 2.34    | 46.80    |            |         |        |         |          |        |        |
|            |         |        |         |          | 3-1/2      | X 3-1/2 | X 1/4  | 5.80    | 116.00   |        |        |
|            |         |        |         |          |            |         |        | X 1/4   | 5.80     | 116.00 |        |
|            |         |        |         |          | 4          | X 4     | X 1/4  | 6.60    | 132.00   |        |        |
|            |         |        |         |          |            |         |        | X 3/8   | 9.80     | 196.00 |        |

**STAINLESS STEEL SQUARE TUBING**  
**Type 304, ASTM A-554**  
**Non-Magnetic, 20' Length**

| Size   |         |      | Wall | ID    | Lbs./Ft. | Lbs./20' |
|--------|---------|------|------|-------|----------|----------|
| Inches |         | Ga.  | Dec. |       |          |          |
| 1/2    | X 1/2   | X 18 | .049 | .402  | .301     | 6.02     |
|        |         | X 16 | .065 | .370  | .389     | 7.78     |
| 5/8    | X 5/8   | X 18 | .049 | .527  | .387     | 7.74     |
|        |         | X 16 | .065 | .495  | .495     | 9.90     |
| 3/4    | X 3/4   | X 16 | .065 | .620  | .606     | 12.12    |
|        |         | X 11 | .120 | .510  | 1.028    | 20.56    |
| 1      | X 1     | X 18 | .049 | .902  | .634     | 12.68    |
|        |         | X 16 | .065 | .870  | .826     | 16.52    |
|        |         | X 14 | .083 | .834  | 1.035    | 20.70    |
|        |         | X 11 | .120 | .760  | 1.436    | 28.72    |
| 1-1/4  | X 1-1/4 | X 18 | .049 | 1.152 | .800     | 16.00    |
|        |         | X 16 | .065 | 1.120 | 1.047    | 20.94    |
|        |         | X 14 | .083 | 1.084 | 1.317    | 26.34    |
|        |         | X 11 | .120 | 1.010 | 1.844    | 36.88    |

(continued on next page)

**STAINLESS STEEL SQUARE TUBING**  
**Type 304, ASTM A-554**  
**Non-Magnetic, 20' Length**

| Size   |   |       |      | Wall | ID   | Lbs./Ft. | Lbs./20' |        |
|--------|---|-------|------|------|------|----------|----------|--------|
| Inches |   | Ga.   | Dec. |      |      |          |          |        |
| 1-1/2  | X | 1-1/2 | X    | 18   | .049 | 1.402    | .967     | 19.34  |
|        |   |       |      | 16   | .065 | 1.370    | 1.269    | 25.38  |
|        |   |       |      | 14   | .083 | 1.334    | 1.600    | 32.00  |
|        |   |       |      | 11   | .120 | 1.260    | 2.062    | 41.24  |
|        |   |       |      | 7    | .180 | 1.140    | 3.231    | 64.62  |
| 1-3/4  | X | 1-3/4 | X    | 16   | .065 | 1.620    | 1.490    | 29.80  |
|        |   |       |      | 11   | .120 | 1.510    | 2.660    | 53.20  |
| 2      | X | 2     | X    | 16   | .065 | 1.870    | 1.710    | 34.20  |
|        |   |       |      | 14   | .083 | 1.834    | 2.164    | 43.28  |
|        |   |       |      | 11   | .120 | 1.760    | 3.068    | 61.36  |
|        |   |       |      | 7    | .180 | 1.640    | 4.455    | 89.10  |
|        |   |       |      | 1/4  | .250 | 1.500    | 6.007    | 120.14 |
| 2-1/2  | X | 2-1/2 | X    | 11   | .120 | 2.260    | 3.884    | 77.68  |
|        |   |       |      | 7    | .180 | 2.140    | 5.679    | 113.58 |
|        |   |       |      | 1/4  | .250 | 2.000    | 7.650    | 153.00 |
| 3      | X | 3     | X    | 11   | .120 | 2.760    | 4.700    | 94.00  |
|        |   |       |      | 7    | .180 | 2.640    | 6.903    | 138.06 |
|        |   |       |      | 1/4  | .250 | 2.250    | 8.810    | 176.20 |
| 3-1/2  | X | 3-1/2 | X    | 11   | .120 | 3.260    | 5.516    | 110.32 |
| 4      | X | 4     | X    | 11   | .120 | 3.760    | 6.260    | 125.20 |
|        |   |       |      | 7    | .180 | 3.640    | 9.270    | 185.40 |
|        |   |       |      | 1/4  | .250 | 3.500    | 12.210   | 244.20 |
| 6      | X | 6     | X    | 7    | .180 | 7.150    | 14.250   | 385.00 |
|        |   |       |      | 1/4  | .250 | 5.500    | 19.020   | 380.40 |
|        |   |       |      | 3/8  | .375 | 5.250    | 27.480   | 549.60 |

**STAINLESS STEEL RECTANGULAR TUBING**  
**Type 304, ASTM A-554**  
**Non-Magnetic, 20' Length**

| Size   |         |       | Wall | Lbs./Ft. | Lbs./20' |
|--------|---------|-------|------|----------|----------|
| Inches |         | Ga.   | Dec. |          |          |
| 1/2    | X 1     | X 16  | .065 | .606     | 12.12    |
| 3/4    | X 1-1/2 | X 16  | .065 | .937     | 18.74    |
|        |         | 11    | .120 | 1.640    | 32.80    |
| 1      | X 1-1/2 | X 16  | .065 | 1.046    | 20.92    |
|        |         | 14    | .083 | 1.132    | 22.64    |
| 1      | X 2     | X 16  | .065 | 1.269    | 25.38    |
|        |         | 11    | .120 | 2.252    | 45.04    |
| 1      | X 2-1/2 | X 14  | .083 | 1.881    | 37.62    |
| 1      | X 3     | X 16  | .065 | 1.711    | 34.22    |
|        |         | 14    | .083 | 2.140    | 42.80    |
|        |         | 11    | .120 | 3.068    | 61.36    |
| 1-1/2  | X 2     | X 11  | .120 | 2.660    | 53.20    |
| 1-1/2  | X 2-1/2 | X 14  | .083 | 2.140    | 42.80    |
| 1-1/2  | X 3     | X 16  | .065 | 1.932    | 38.64    |
|        |         | 14    | .083 | 2.450    | 49.00    |
|        |         | 11    | .120 | 3.476    | 69.52    |
| 1-1/2  | X 4     | X 14  | .083 | 3.030    | 60.60    |
| 2      | X 3     | X 14  | .083 | 2.720    | 54.40    |
|        |         | 11    | .120 | 3.884    | 77.68    |
|        |         | 7     | .180 | 5.679    | 113.58   |
| 2      | X 4     | X 11  | .120 | 4.700    | 94.00    |
|        |         | 7     | .180 | 6.903    | 138.06   |
|        |         | 1/4   | .250 | 10.000   | 200.00   |
| 2      | X 6     | X 7   | .180 | 9.420    | 188.40   |
|        |         | 1/4   | .250 | 12.210   | 244.20   |
| 3      | X 4     | X 7   | .180 | 6.250    | 125.00   |
| 3      | X 6     | X 1/4 | .250 | 14.120   | 282.40   |
| 4      | X 6     | X 1/4 | .250 | 15.420   | 308.40   |
| 4      | X 8     | X 1/4 | .250 | 19.020   | 380.40   |

**STAINLESS STEEL PIPE**  
**Schedule 40**  
**Welded Type 304, ASTM A-312**  
**Cold Finished, Annealed and Pickled, Non-Magnetic**  
**17-24' Random Lengths**

| Size (In.) | OD (In.) | ID (In.) | Wall Thickness | Lbs./Ft. |
|------------|----------|----------|----------------|----------|
| 1/8        | .405     | .269     | .068           | .244     |
| 1/4        | .540     | .364     | .088           | .424     |
| 3/8        | .675     | .493     | .091           | .567     |
| 1/2        | .840     | .622     | .109           | .851     |
| 3/4        | 1.050    | .824     | .113           | 1.131    |
| 1          | 1.315    | 1.049    | .133           | 1.679    |
| 1-1/4      | 1.660    | 1.380    | .140           | 2.273    |
| 1-1/2      | 1.900    | 1.610    | .145           | 2.718    |
| 2          | 2.375    | 2.067    | .154           | 3.653    |
| 2-1/2      | 2.875    | 2.469    | .203           | 5.793    |
| 3          | 3.500    | 3.068    | .216           | 7.576    |
| 3-1/2      | 4.000    | 3.548    | .226           | 9.109    |
| 4          | 4.500    | 4.026    | .237           | 10.790   |
| 5          | 5.563    | 5.047    | .258           | 14.620   |
| 6          | 6.625    | 6.065    | .280           | 18.970   |
| 8          | 8.625    | 7.981    | .322           | 28.550   |
| 10         | 10.750   | 10.020   | .365           | 40.480   |

**STAINLESS STEEL PIPE**  
**Schedule 80**  
**Welded Type 304, ASTM A-312**  
**Cold Finished, Annealed and Pickled, Non-Magnetic**  
**17-24' Random Lengths**

| Size (In.) | OD (In.) | ID (In.) | Wall Thickness | Lbs./Ft. |
|------------|----------|----------|----------------|----------|
| 1/8        | .405     | .215     | .095           | .314     |
| 1/4        | .540     | .302     | .119           | .535     |
| 3/8        | .675     | .423     | .126           | .738     |
| 1/2        | .840     | .546     | .147           | 1.088    |
| 3/4        | 1.050    | .742     | .154           | 1.474    |
| 1          | 1.315    | .957     | .179           | 2.172    |
| 1-1/4      | 1.660    | 1.278    | .191           | 2.997    |
| 1-1/2      | 1.900    | 1.500    | .200           | 3.631    |
| 2          | 2.375    | 1.939    | .218           | 5.022    |
| 2-1/2      | 2.875    | 2.323    | .276           | 7.661    |
| 3          | 3.500    | 2.900    | .300           | 10.250   |
| 3-1/2      | 4.000    | 3.364    | .318           | 12.500   |
| 4          | 4.500    | 3.826    | .337           | 14.980   |
| 5          | 5.563    | 4.813    | .375           | 20.780   |
| 6          | 6.625    | 5.761    | .432           | 28.570   |



# Metalworking Supplies

## Blending (Grinding and Sanding)

Flap Disks  
Flexible Grinding Wheels  
Surface Conditioning Disks

## Brushing

Mounted Wire Brushes  
Scratch Brushes  
Wire Cup Brushes  
Wire Wheel Brushes

## Countersinking

Countersinks  
Counterbores  
Pilot Bits

## Cutting

Abrasives  
Bandsaw Blades:  
    Standard  
    Weld to Length  
Circular Saw Blades  
Cut-off Wheels  
Cutting Fluids and  
    Lubricants  
Hole Saws  
Hacksaw Blades  
Reciprocating Blades  
Sheet Metal Snips

## Drilling

Annular Cutters  
Mag Drill Cutters  
Sheet Metal Cutters  
Drill Bits  
Step Drills

## Finishing

Buffing Drums  
Cleaning Abrasives  
Cleaning Chemicals  
Degreasing Chemicals  
Flap Wheels  
Paint  
Polishing Discs  
Polishing Paste  
Primer  
Surface Conditioning Disks

## Grinding

Abrasives  
Bench Wheels  
Carbide Burrs  
Cup Wheels  
Grinding Discs & Wheels  
Grinding Fluids  
Hand Files  
Mounted Points

## Lifting and Binding

Bungee Cords  
Chain  
Chain Fittings  
Lifting Clamps  
Load Binders  
Nylon Slings  
Nylon Straps

## Marking

Layout Fluids  
Letter and Number Stamps  
Paint Markers  
Paint Pens  
Punches  
Soapstone

## Measuring

Calipers  
Micrometers  
Sheet Metal Gauges  
Tape Measures

## Milling

End Mills  
Milling Cutters

## Reaming

Reamers

## Sanding

Ceramic Discs  
Fiber Discs  
Sanding Belts  
Sanding Sheets  
Shop Rolls

## Threading

Dies  
Taps

## Turning

Dead Centers  
Live Centers  
Tool Bits

## Welding

Anti-Spatter  
Galvanizing Spray  
Grounding Clamps

## Work Holding

Angle Clamps  
C-Clamps  
Corner Clamps  
Hold Down Clamps  
J-Clamps  
L-Clamps  
Magnetic Squares  
Vice Grips  
Vises

## Industrial/Construction Supplies

### Construction Products

Access Panels  
 Anchor Bolts  
 Beam Clamps  
 Black Annealed Wire  
 Expanded Metal  
 Expansion Anchors  
 Grating Products  
 Reinforcing Bar  
 Roof Hatches  
 Safety Tapes  
 Setters Wire  
 Slotted Angle  
 Telespar  
 Unistrut Channel  
 Unistrut Fittings  
 Wire Ties  
 Wire Tie Accessories

### Contractor Supplies

Hoses  
 Hose Accessories  
 Masonry Line Reels  
 Safety Items  
 Tape  
 Flagging Ribbon

### Cutting Tools

Abrasives  
 Annular Cutters  
 Bits  
 Blending Wheels  
 Brushes  
 Carbide Burrs  
 Countersinks  
 Cutting Wheels  
 Discs  
 Drill Bits  
 Drill Bit Sets  
 Drilling Accessories  
 Files

### Cutting Tools (cont.)

Flap Wheels  
 Grinding Cones  
 Grinding Wheels  
 Power Extractors  
 Reamers  
 Rethreading Dies  
 Rolls  
 Saws  
 Specialty Wheels  
 Taps  
 Thread Inserts  
 Tubing Cutters

### Fasteners

Anchors  
 Assortments  
 Automotive  
 Bolts (Capscrews):  
   Anchor  
   Carriage  
   Elevator  
   Flange  
   Hex  
   Plow  
   Socket Head  
   U-Bolts  
   Eye  
   L-9  
   Machine  
   Metric  
   Serrated Flange  
   Shaker  
   Socket Head  
   Stainless  
 Bushings  
 Check-A-threads  
 Half Moon Keys  
 Hangermates  
 Hangermate Tools  
 Keys

### Fasteners (cont.)

Keystock  
 Machine Bushings  
 Nuts:  
   Cap (Acorn)  
   Castle  
   Coupler  
   Flange  
   Hex  
   Jam  
   Lock  
   Metric  
   Rod Couplers  
   Serrated Flange  
   Stainless  
 Pins:  
   Clevis  
   Clip  
   Cotter  
   Expansion  
   Half Moon Keys  
   Hitch  
   Quick  
   Retaining Rings  
   Spring  
 Rings  
 Rivets  
 Rod Couplers  
 Screws:  
   Carriage  
   Construction  
   Lag  
   Machine  
   Metal  
   Set  
   Stainless  
   Tapping  
   Wood  
 Set Collars  
 Studs

## Industrial/Construction Supplies

### Fasteners (Cont.)

Threaded Rod:  
 Plain  
 Zinc Plated  
 Stainless  
 ACME  
 B-7  
 Washers:  
 Bevel  
 Fender  
 Flat  
 Lock  
 Metric  
 S.A.E  
 Wire Terminals

### Hand Tools

Axes  
 Bolt Cutters  
 Brooms  
 Clamps  
 Chisels  
 Cutting Tools  
 Cutting Torches  
 Driver Bits  
 Forks  
 Glue Guns  
 Hammers  
 Hex Key Tools  
 Hooks  
 Knives  
 Landscaping Tools  
 Magnets  
 Mauls  
 Measuring Tools  
 Picks  
 Pliers  
 Pry Bars  
 Pullers  
 Puller Sets  
 Punches

### Hand Tools (cont.)

Rakes  
 Reamers  
 Repair Handles  
 Scrapers  
 Screw Extractors  
 Screwdrivers  
 Shovels  
 Sledges  
 Snips  
 Sockets  
 Socket Sets  
 Spades  
 Squares  
 Strap Cutters  
 Taps  
 Tongs  
 Tool Belts  
 Tool Boxes  
 Tool Sets  
 Tweezers  
 Vise Grips  
 Vises  
 Wrecking Bars  
 Wrenches

### Material Handling

Agricultural Chain  
 Cable Pullers & Cutters  
 Cable Ties  
 Chains  
 Hoists  
 Load Binders  
 Rope  
 Shackles  
 Slings  
 Sling Accessories  
 Tie Downs  
 Turnbuckles  
 Winches  
 Wire Rope

### MRO/Plant Supply

Adhesives  
 Anti-Sieze & Anti-Spatter  
 Air Tools  
 Air Tool Accessories  
 Automotive  
 Batteries  
 Belt Hooks  
 Belt Lacers  
 Cleaning Pads  
 Continuous Hinge  
 Cutting Fluids  
 Degreaser  
 Disinfectant  
 Electrical Cords  
 Flashlights  
 Flashlight Bulbs  
 Gas Cans  
 Gloves  
 Grease Guns & Fittings  
 Hand Cleaners  
 Hinge  
 Hose Clamps  
 Industrial Shelving/Bins  
 Insect Repellant  
 Keyed Shaft  
 Ladders  
 Locks  
 Lubricants  
 Maintenance Chemicals  
 Marking Products  
 Metal Marking  
 Paint  
 Pipe Fittings  
 Roller Chain  
 Rubber O-Rings  
 Safety Cans  
 Sprayers  
 Springs  
 Water Coolers



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## Custom Metal Fabrication

### Angle, Flat, & Rod Shearing



Scotchman Hydraulic Ironworker

- Angle shear capacity 90°
  - 6" x 6" x 3/8"
  - 5" x 5" x 1/2"
- Flat bar shear capacity
  - 1" x 6"; 3/4" x 10"; 3/8" x 16"; 1/4" x 24"
- Rod shear capacity
  - Round: 1/4" – 1-1/4"
  - Square: 1/4" – 1"

### Concept Development

- Design feasibility
- Part cost optimization
- Part design
- Materials improvement
- Drawing review

### Drilling & Countersinking



Wilton Variable Speed Drill Press

- Drilling capacity to 2"
- 3" quill diameter, 7" quill travel
- Variable speed, controlled depth
- Countersinking and Deburring

### Flame & Plasma Cutting



Hypertherm Power Max Plasma Torch  
Victor Flame Cutting Torch  
Navigator ST Optical Eye

- 1" capacity plasma
- 4" capacity flame
- Optical tracing
  - Including corners to 1/8" radius
- 5' x 10' cutting area
- Cutting Steel, Aluminum, Stainless, Copper, Brass

### Notching



Boschert Eagle Power Notcher

- Capacity 1/4"
- Stainless capacity 3/16"
- 8-7/8" x 8-7/8" x 90° notch
- Adjustable stroke – 60 per minute
- Jog, Single, or Continuous mode
- Front to back cutting

## Custom Metal Fabrication

### Painting



Priming  
Conventional Liquid Painting  
Powder Coating

### Pipe Bending



Round tube to 4-1/2" OD, 1/4" wall  
Pipe to 4" Schedule 40, 3" Schedule 80  
One shot, offset, sweep, stub-up, and kick bends  
90° plus capacity

### Precision Saw Cutting



HEMSaw V100HLA-3 Mitering Vertical Saw

Rectangle: 18" x 22" capacity at 90°  
18" x 15" capacity at 45°  
Round: 18" Diameter at 90°  
15" Diameter at 45°  
Computer controlled feed  
40° - 140° miter, tilt both ways  
+/- .015 accuracy per linear inch

### Press Brake Forming & Bending



AccurPress Hydraulic Brake

Bend up to:  
1/2" x 10'  
3/8" x 12'  
320 ton capacity  
+/- .001 repeat accuracy  
CNC programming  
True 90° full length bends  
Custom anchor bolts

### Punching



Scotchman Hydraulic Ironworker

65 Ton  
3/16" - 2" capacity  
Square, rectangle, oval, and round  
Standard and offset

## Custom Metal Fabrication

### Rolling Plate & Sheet



Initial Pinch Plate Roll  
 62" length capacity  
 Pre-bend capacity 1/8"  
 Rolling capacity 5/32"  
 4.5" roll diameter  
 1/2" rod capacity  
 Cylinder and Cone rolling

3 Roll Double Pinch Roll  
 10' length capacity  
 1/4" thick, 10' through 1/2" thick, 4' roll  
 9" roll diameter

### Shearing Plate & Sheet



AccurShear Hydraulic Shear

24ga – 1/2" thick, 10' long  
 CNC controls  
 80k psi tensile, 44k yield  
 Accuracies to +/- .001  
 Low rake to minimize bow  
 10' squaring arm

### Threading Pipe & Rod



Ridgid Pipe & Rod Threader

Black, galvanized, stainless, cast iron, conduit, PVC  
 Rod to 30 Rockwell C  
 Pipe capacity 1/8" – 2"  
 Bolt capacity 1/4" – 2"  
 Cutter 1/8" – 2" full floating  
 Reamer 1/8" – 2" right hand  
 1/2" – 3/4" NPT alloy dies  
 1" – 2" NPT high speed dies  
 1/2"-13 to 1-1/2"-6 asst. dies

### Welding

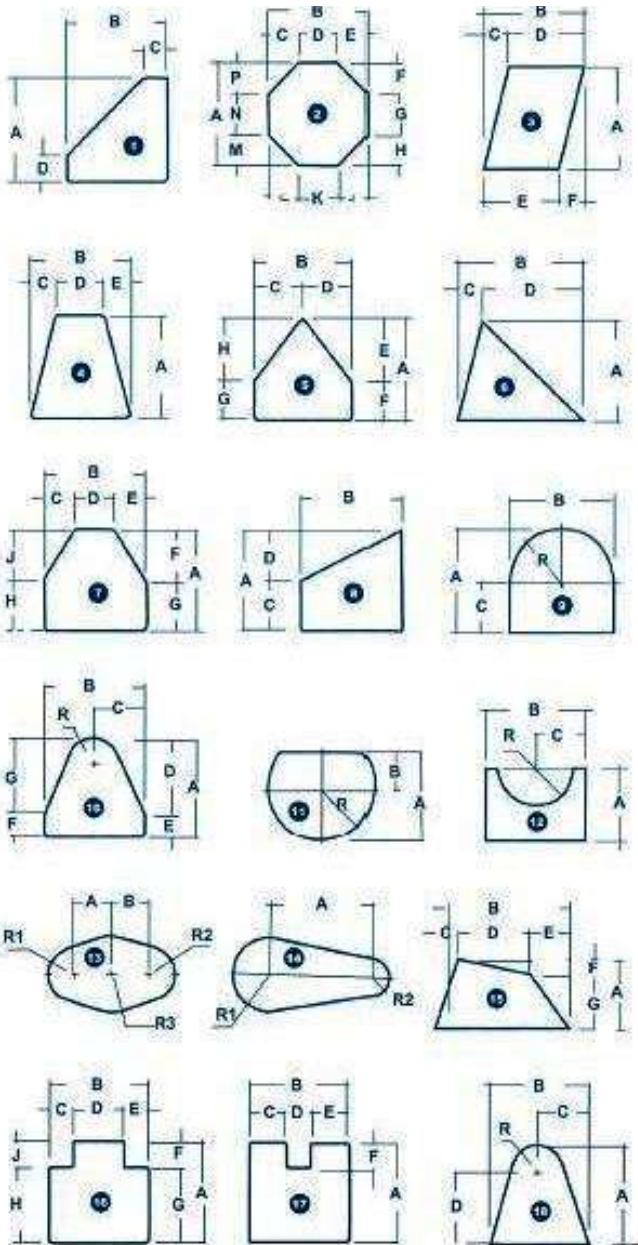


MIG, TIG, and Stud Welding  
 Welding Steel, Stainless, Aluminum  
 Argon CO<sub>2</sub> (inactivwe gas) for cleaner weld  
 1/2" capacity  
 3/16" – 7/8" Studs, 1800 amp

# Custom Metal Fabrication

## Shape Cutting

Sheet and plate can be furnished cut to the shape you require



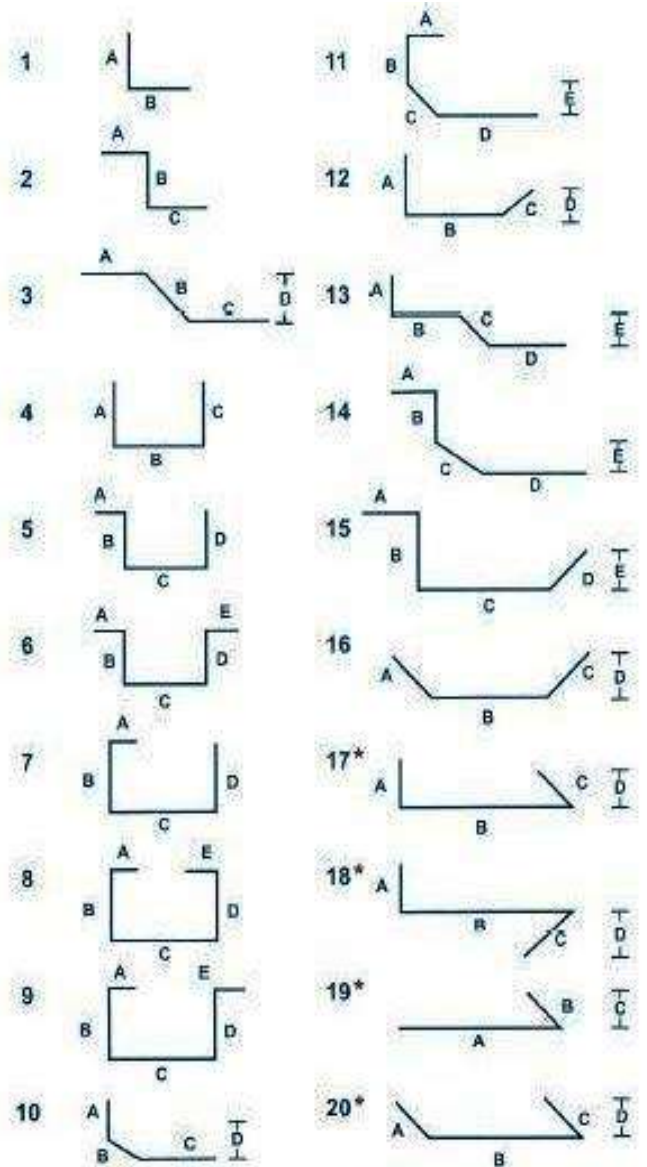
Specify:

- 1) Shape number & dimensions \*
- 2) Material type and thickness
- 3) Quantity
- 4) Special requirements

\* Customer drawing preferred

## Bending

Sheet and plate can be bent to the shape you require



\*3/16" material or less

Specify:

- 1) Shape number & dimensions \*
- 2) Material type and thickness
- 3) Quantity
- 4) Special requirements

\* Customer drawing preferred