

Stock List

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
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


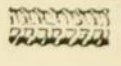
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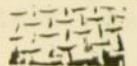
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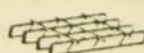
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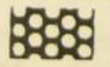
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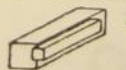
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
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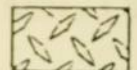
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ANGLES



Bar Angles Also available in Galvanized

| Size In Inches | Per Foot | Est. Weight, Lbs. | | Size In Inches | Per Foot | Est. Weight, Lbs. | |
|--|-------------|-------------------|--------|--|-------------|-------------------|--------|
| | | 20 ft. | 40 ft. | | | 20 ft. | 40 ft. |
| $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ | .38 | 7.6 | 15.2 | $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ | 1.44 | 28.8 | 57.6 |
| | | | | $\frac{3}{16}$ | 2.12 | 42.4 | 84.8 |
| $\frac{3}{8} \times \frac{3}{8} \times \frac{1}{8}$ | .48 | 9.6 | 19.2 | $\frac{1}{4}$ | 2.77 | 55.4 | 110.8 |
| $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ | .59 | 11.8 | 23.6 | $2 \times 1\frac{1}{4} \times \frac{3}{16}$ | 1.96 | 39.2 | 78.4 |
| $\frac{3}{8}$ | .84 | 16.8 | 33.6 | $\frac{1}{4}$ | 2.55 | 51.0 | 102.0 |
| $\frac{3}{8} \times \frac{3}{8} \times \frac{1}{8}$ | .70 | 14.0 | 28.0 | $2 \times 1\frac{1}{2} \times \frac{1}{8}$ | 1.44 | 28.8 | 57.6 |
| $1 \times \frac{3}{8} \times \frac{1}{8}$ | .64 | 12.8 | 25.6 | $\frac{3}{16}$ | 2.12 | 42.4 | 84.8 |
| $\frac{1}{2} \times \frac{1}{2}$ | .70 | 14.0 | 28.0 | $\frac{1}{4}$ | 2.77 | 55.4 | 110.8 |
| $1 \times 1 \times \frac{1}{8}$ | .80 | 16.0 | 32.0 | $2 \times 2 \times \frac{1}{8}$ | 1.65 | 33.0 | 66.0 |
| $\frac{3}{16}$ | 1.16 | 23.2 | 46.4 | $\frac{3}{16}$ | 2.44 | 48.8 | 97.6 |
| $\frac{1}{4}$ | 1.49 | 29.8 | 59.6 | $\frac{1}{4}$ | 3.19 | 63.8 | 127.6 |
| $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ | 1.01 | 20.2 | 40.4 | $\frac{3}{16}$ | 3.92 | 78.4 | 156.8 |
| $\frac{3}{16}$ | 1.48 | 29.6 | 59.2 | $\frac{1}{4}$ | 4.70 | 94.0 | 188.0 |
| $\frac{1}{4}$ | 1.92 | 38.4 | 76.8 | $2\frac{1}{4} \times 1\frac{1}{2} \times \frac{3}{16}$ | 2.28 | 45.6 | 91.2 |
| $1\frac{1}{2} \times \frac{3}{8} \times \frac{1}{8}$ | .91 | 18.2 | 36.4 | $\frac{1}{4}$ | 2.98 | 59.6 | 119.2 |
| $\frac{3}{16}$ | 1.32 | 26.4 | 52.8 | $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$ | 2.44 | 48.8 | 97.6 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$ | 1.64 | 32.8 | 65.6 | $\frac{1}{4}$ | 3.19 | 63.8 | 127.6 |
| $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$ | 1.23 | 24.6 | 49.2 | $\frac{3}{16}$ | 3.92 | 78.4 | 156.8 |
| $\frac{3}{16}$ | 1.80 | 36.0 | 72.0 | $2\frac{1}{2} \times 2 \times \frac{3}{16}$ | 2.75 | 55.0 | 110.0 |
| $\frac{1}{4}$ | 2.34 | 46.8 | 93.6 | $\frac{1}{4}$ | 3.62 | 72.4 | 144.8 |
| $1\frac{3}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ | 1.23 | 24.6 | 49.2 | $\frac{3}{16}$ | 4.50 | 90.0 | 180.0 |
| $\frac{3}{16}$ | 1.80 | 36.0 | 72.0 | $\frac{1}{4}$ | 5.30 | 106.0 | 212.0 |
| $\frac{1}{4}$ | 2.34 | 46.8 | 93.6 | $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{16}$ | 3.07 | 61.4 | 122.8 |
| | | | | $\frac{1}{4}$ | 4.10 | 82.0 | 164.0 |
| | | | | $\frac{3}{16}$ | 5.00 | 100.0 | 200.0 |
| | | | | $\frac{1}{4}$ | 5.90 | 118.0 | 236.0 |
| | | | | $\frac{1}{2}$ | 7.70 | 154.0 | 308.0 |

**A.J. ANICH LUMBER Company
PAL STEEL CO.**

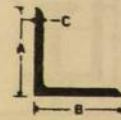
INTERSTATE ALUMINUM CO.

414 THIRD STREET P.O. BOX 160 PALMYRA, WI 53156

TEL. (262) 495-4453 FAX. (262) 495-4100

ANGLES

Structural Angles
Also available in Galvanized



| Size In Inches | Per Foot | Est. Weight, Lbs. | | Size In Inches | Per Foot | Est. Weight, Lbs. | | | |
|-------------------------|-------------------------|-------------------|--------|------------------------|---------------|------------------------|----------------|-------|-------|
| | | 20 ft. | 40 ft. | | | 20 ft. | 40 ft. | | |
| 3 x 2 x $\frac{3}{16}$ | 3.1 | 62.0 | 124.0 | 4 x 3 x $\frac{1}{4}$ | 5.8 | 116.0 | 232.0 | | |
| | $\frac{1}{4}$ | 4.1 | 82.0 | | 144.0 | 7.2 | 144.0 | 288.0 | |
| | $\frac{5}{16}$ | 5.0 | 100.0 | | 200.0 | $\frac{3}{8}$ | 8.5 | 170.0 | 340.0 |
| | $\frac{1}{2}$ | 5.9 | 118.0 | | 236.0 | $\frac{1}{2}$ | 11.1 | 222.0 | 444.0 |
| | $\frac{3}{4}$ | 7.7 | 154.0 | | 308.0 | $\frac{3}{4}$ | 13.6 | 272.0 | 544.0 |
| 3 x 2½ x $\frac{3}{16}$ | 3.39 | 67.8 | 135.6 | 4 x 3½ x $\frac{1}{4}$ | 6.2 | 124.0 | 248.0 | | |
| | $\frac{1}{4}$ | 4.5 | 90.0 | | 180.0 | $\frac{3}{16}$ | 7.7 | 154.0 | 308.0 |
| | $\frac{5}{16}$ | 5.6 | 112.0 | | 224.0 | $\frac{3}{8}$ | 9.1 | 182.0 | 364.0 |
| | $\frac{1}{2}$ | 6.6 | 132.0 | | 264.0 | $\frac{1}{2}$ | 11.9 | 238.0 | 476.0 |
| | $\frac{3}{4}$ | 8.5 | 170.0 | | 340.0 | $\frac{3}{4}$ | 14.7 | 294.0 | 588.0 |
| 3 x 3 x $\frac{3}{16}$ | 3.71 | 74.2 | 148.4 | 4 x 4 x $\frac{1}{4}$ | 6.6 | 132.0 | 264.0 | | |
| | $\frac{1}{4}$ | 4.9 | 98.0 | | 196.0 | $\frac{3}{16}$ | 8.2 | 164.0 | 328.0 |
| | $\frac{5}{16}$ | 6.1 | 122.0 | | 244.0 | $\frac{3}{8}$ | 9.8 | 196.0 | 392.0 |
| | $\frac{1}{2}$ | 7.2 | 144.0 | | 288.0 | $\frac{1}{2}$ | 12.8 | 256.0 | 512.0 |
| | $\frac{3}{4}$ | 9.4 | 188.0 | | 376.0 | $\frac{3}{4}$ | 15.7 | 314.0 | 628.0 |
| 3½ x 2½ x $\frac{1}{4}$ | 4.9 | 98.0 | 196.0 | 5 x 3 x $\frac{1}{4}$ | 6.6 | 132.0 | 264.0 | | |
| | $\frac{3}{16}$ | 6.1 | 122.0 | | 244.0 | $\frac{3}{16}$ | 8.2 | 164.0 | 328.0 |
| | $\frac{1}{4}$ | 7.2 | 144.0 | | 288.0 | $\frac{3}{8}$ | 9.8 | 196.0 | 392.0 |
| | $\frac{5}{16}$ | 9.4 | 188.0 | | 376.0 | $\frac{1}{2}$ | 12.8 | 256.0 | 512.0 |
| | $\frac{3}{4}$ | 10.2 | 204.0 | | 408.0 | 5 x 3½ x $\frac{1}{4}$ | 7.0 | 140.0 | 280.0 |
| 3½ x 3 x $\frac{1}{4}$ | 5.4 | 108.0 | 216.0 | $\frac{3}{16}$ | 8.7 | | 174.0 | 348.0 | |
| | $\frac{3}{16}$ | 6.6 | 132.0 | 264.0 | $\frac{3}{8}$ | | 10.4 | 208.0 | 416.0 |
| | $\frac{1}{4}$ | 7.9 | 158.0 | 316.0 | $\frac{1}{2}$ | | 13.6 | 272.0 | 544.0 |
| | $\frac{5}{16}$ | 10.2 | 204.0 | 408.0 | $\frac{3}{4}$ | | 16.8 | 336.0 | 672.0 |
| | $\frac{3}{4}$ | 11.1 | 222.0 | 444.0 | $\frac{3}{4}$ | 19.8 | 396.0 | 792.0 | |
| 3½ x 3½ x $\frac{1}{4}$ | 5.8 | 116.0 | 232.0 | 5 x 5 x $\frac{3}{16}$ | 10.3 | 206.0 | 412.0 | | |
| | $\frac{3}{16}$ | 7.2 | 144.0 | | 288.0 | $\frac{3}{8}$ | 12.3 | 246.0 | 492.0 |
| | $\frac{1}{4}$ | 8.5 | 170.0 | | 340.0 | $\frac{1}{2}$ | 16.2 | 324.0 | 648.0 |
| | $\frac{5}{16}$ | 11.1 | 222.0 | | 444.0 | 6 x 3½ x $\frac{1}{4}$ | 7.9 | 158.0 | 316.0 |
| | 3½ x 3 x $\frac{3}{16}$ | 5.8 | 116.0 | | 232.0 | | $\frac{3}{16}$ | 9.8 | 196.0 |
| $\frac{1}{4}$ | | 7.2 | 144.0 | 288.0 | $\frac{3}{8}$ | | 11.7 | 234.0 | 468.0 |
| $\frac{5}{16}$ | | 8.5 | 170.0 | 340.0 | $\frac{1}{2}$ | | 15.3 | 306.0 | 612.0 |
| $\frac{3}{4}$ | | 11.1 | 222.0 | 444.0 | | | | | |
| $\frac{3}{4}$ | | 11.1 | 222.0 | 444.0 | | | | | |

ANGLES

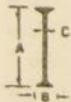


Structural Angles

Also available in Galvanized

| Size In Inches | Per Foot | Est. Weight, Lbs. | | Size In Inches | Per Foot | Est. Weight, Lbs. | |
|----------------------|-------------|-------------------|--------|----------------------|-------------|-------------------|--------|
| | | 20 ft. | 40 ft. | | | 20 ft. | 40 ft. |
| 6 x 4 x 1/8 | 8.3 | 166.0 | 332.0 | 1/8 | 24.2 | 484.0 | 968.0 |
| 1/16 | 10.3 | 206.0 | 412.0 | 1/4 | 28.7 | 574.0 | 1148.0 |
| 3/16 | 12.3 | 246.0 | 492.0 | 3/8 | 33.1 | 662.0 | 1324.0 |
| 1/2 | 14.3 | 286.0 | 572.0 | 1 | 37.4 | 748.0 | 1496.0 |
| 3/4 | 16.2 | 324.0 | 648.0 | 8 x 6 x 7/16 | 20.2 | 404.0 | 808.0 |
| 1 | 18.2 | 364.0 | 728.0 | 1/2 | 23.0 | 460.0 | 920.0 |
| 6 x 6 x 1/8 | 12.4 | 248.0 | 496.0 | 3/8 | 25.7 | 514.0 | 1028.0 |
| 1/16 | 14.9 | 298.0 | 596.0 | 1/2 | 28.5 | 570.0 | 1140.0 |
| 3/16 | 17.2 | 344.0 | 688.0 | 3/4 | 33.8 | 676.0 | 1352.0 |
| 1/2 | 19.6 | 392.0 | 784.0 | 1 | 39.1 | 782.0 | 1564.0 |
| 3/4 | 22.2 | 444.0 | 888.0 | 8 x 8 x 1/2 | 44.2 | 884.0 | 1768.0 |
| 1 | 24.2 | 484.0 | 968.0 | 7/16 | 26.4 | 528.0 | 1056.0 |
| 7 x 4 x 1/8 | 13.6 | 272.0 | 544.0 | 3/8 | 29.6 | 592.0 | 1184.0 |
| 1/16 | 15.8 | 316.0 | 632.0 | 1/2 | 32.7 | 654.0 | 1308.0 |
| 3/16 | 17.9 | 358.0 | 716.0 | 3/4 | 38.9 | 778.0 | 1556.0 |
| 1/2 | 20.0 | 400.0 | 800.0 | 1 | 45.0 | 900.0 | 1800.0 |
| 3/4 | 22.1 | 442.0 | 884.0 | 9 x 4 x 1/2 | 51.0 | 1020.0 | 2040.0 |
| 1 | 26.2 | 524.0 | 1048.0 | 7/16 | 56.9 | 1138.0 | 2276.0 |
| 8 x 4 x 1/8 | 17.2 | 344.0 | 688.0 | 1/2 | 21.3 | 426.0 | 852.0 |
| 1/16 | 19.6 | 392.0 | 784.0 | 3/8 | 23.8 | 476.0 | 952.0 |
| 3/16 | 21.9 | 438.0 | 876.0 | 1/2 | 26.3 | 526.0 | 1052.0 |
| | | | | 3/4 | 31.3 | 626.0 | 1252.0 |
| | | | | 1 | 36.1 | 722.0 | 1444.0 |
| | | | | | 40.8 | 816.0 | 1632.0 |

BEAMS



Junior Beams

Stocked in Lengths up to 40' - Also available in Galvanized

| ^ISI Designation | A Depth in Inches | B Flange Width Inches | C Web Thickness Inches | Weight, Lbs. | | |
|---------------------|-------------------------|--------------------------------|---------------------------------|--------------|------------------|------------------|
| | | | | Per Foot | 20-Ft. Length | 40-Ft. Length |
| 6 x 4.4 | 6 | 1.844 | .114 | 4.4 | 88 | 176 |
| 8 x 6.5 | 8 | 2.281 | .135 | 6.5 | 130 | 260 |
| 10 x 9.0 | 10 | 2.688 | .155 | 9.0 | 180 | 360 |
| 12 x 11.8 | 12 | 3.063 | .175 | 11.8 | 236 | 472 |

BEAMS

Standard Beams - (I) Stocked in Lengths up to 60'



| AISI Designation | A Depth in Inches | B Flange Width Inches | C Web Thickness Inches | Weight, Lbs. | | | |
|------------------|-------------------------|--------------------------------|---------------------------------|--------------|------------------|------------------|------------------|
| | | | | Per Foot | 20-Ft. Length | 40-Ft. Length | 60-Ft. Length |
| S3 x 5.7 | 3 | 2.330 | .170 | 5.7 | 114 | 228 | 342 |
| S3 x 7.5 | 3 | 2.509 | .349 | 7.5 | 150 | 300 | 450 |
| S4 x 7.7 | 4 | 2.660 | .190 | 7.7 | 154 | 308 | 462 |
| S4 x 9.5 | 4 | 2.796 | .326 | 9.5 | 190 | 380 | 570 |
| S5 x 10 | 5 | 3.000 | .210 | 10.0 | 200 | 400 | 600 |
| S6 x 12.5 | 6 | 3.330 | .230 | 12.5 | 250 | 500 | 750 |
| S6 x 17.25 | 6 | 3.565 | .465 | 17.25 | 345 | 690 | 1035 |
| S7 x 15.3 | 7 | 3.660 | .250 | 15.3 | 306 | 612 | 918 |
| S7 x 20 | 7 | 3.860 | .450 | 20.0 | 400 | 800 | 1200 |
| S8 x 18.4 | 8 | 4.000 | .270 | 18.4 | 368 | 736 | 1104 |
| S8 x 23 | 8 | 4.171 | .441 | 23.0 | 460 | 920 | 1380 |
| S10 x 25.4 | 10 | 4.660 | .310 | 25.4 | 508 | 1016 | 1524 |
| S10 x 35 | 10 | 4.944 | .594 | 35.0 | 700 | 1400 | 2100 |
| S12 x 31.8 | 12 | 5.000 | .350 | 31.8 | 636 | 1272 | 1908 |
| S12 x 35 | 12 | 5.078 | .428 | 35.0 | 700 | 1400 | 2100 |
| S12 x 40.8 | 12 | 5.250 | .460 | 40.8 | 816 | 1632 | 2448 |
| S12 x 50 | 12 | 5.477 | .687 | 50.0 | 1000 | 2000 | 3000 |
| S15 x 42.9 | 15 | 5.500 | .410 | 42.9 | 858 | 1716 | 2574 |
| S15 x 50 | 15 | 5.640 | .550 | 50.0 | 1000 | 2000 | 3000 |
| S18 x 54.7 | 18 | 6.000 | .460 | 54.7 | 1094 | 2188 | 3282 |
| S18 x 70 | 18 | 6.251 | .711 | 70.0 | 1400 | 2800 | 4200 |
| S20 x 66 | 20 | 6.250 | .500 | 66.0 | 1320 | 2640 | 3960 |
| S20 x 75 | 20 | 6.391 | .641 | 75.0 | 1500 | 3000 | 4500 |
| S20 x 85 | 20 | 7.053 | .653 | 85.0 | 1700 | 3400 | 5100 |
| S20 x 95 | 20 | 7.200 | .800 | 95.0 | 1900 | 3800 | 5700 |
| S24 x 80 | 24 | 7.000 | .500 | 80.0 | 1600 | 3200 | 4800 |
| S24 x 90 | 24 | 7.124 | .624 | 90.0 | 1800 | 3600 | 5400 |
| S24 x 100 | 24 | 7.247 | .747 | 100.0 | 2000 | 4000 | 6000 |
| S24 x 105.9 | 24 | 7.875 | .625 | 105.9 | 2118 | 4236 | 6354 |
| S24 x 120 | 24 | 8.048 | .798 | 120.0 | 2400 | 4800 | 7200 |

BEAMS



Wide Flange Stocked in Lengths up to 60'

Other sizes of beams are produced—please inquire for more information.

| Size & Weight Per Foot | A Depth In Inches | B Flange Width Inches | C Flange Thickness Inches | D Web Thickness Inches |
|---------------------------|----------------------------|--------------------------------|------------------------------------|---------------------------------|
| W4 x 13 | 4.16 | 4.060 | 0.345 | 0.280 |
| W5 x 16 | 5.01 | 5.000 | 0.360 | 0.240 |
| W5 x 19 | 5.15 | 5.030 | 0.430 | 0.270 |
| W6 x 9 | 5.90 | 3.940 | 0.215 | 0.170 |
| W6 x 12 | 6.03 | 4.000 | 0.280 | 0.230 |
| W6 x 16 | 6.28 | 4.030 | 0.405 | 0.260 |
| W6 x 15 | 5.99 | 5.990 | 0.260 | 0.230 |
| W6 x 20 | 6.20 | 6.020 | 0.365 | 0.260 |
| W6 x 25 | 6.38 | 6.080 | 0.455 | 0.320 |
| W8 x 10 | 7.89 | 3.940 | 0.205 | 0.170 |
| W8 x 13 | 7.99 | 4.000 | 0.255 | 0.230 |
| W8 x 15 | 8.11 | 4.015 | 0.315 | 0.245 |
| W8 x 18 | 8.14 | 5.250 | 0.330 | 0.230 |
| W8 x 21 | 8.28 | 5.270 | 0.400 | 0.250 |
| W8 x 24 | 7.93 | 6.495 | 0.400 | 0.245 |
| W8 x 28 | 8.06 | 6.535 | 0.465 | 0.285 |
| W8 x 31 | 8.00 | 7.995 | 0.435 | 0.285 |
| W8 x 35 | 8.12 | 8.020 | 0.495 | 0.310 |
| W8 x 40 | 8.25 | 8.070 | 0.560 | 0.360 |
| W8 x 48 | 8.50 | 8.110 | 0.685 | 0.400 |
| W8 x 58 | 8.75 | 8.220 | 0.810 | 0.510 |
| W8 x 67 | 9.00 | 8.280 | 0.935 | 0.570 |
| W10 x 12 | 9.87 | 3.960 | 0.210 | 0.190 |
| W10 x 15 | 9.99 | 4.000 | 0.270 | 0.230 |
| W10 x 17 | 10.11 | 4.010 | 0.330 | 0.240 |
| W10 x 19 | 10.24 | 4.020 | 0.395 | 0.250 |
| W10 x 22 | 10.17 | 5.750 | 0.360 | 0.240 |
| W10 x 26 | 10.33 | 5.770 | 0.440 | 0.260 |
| W10 x 30 | 10.47 | 5.810 | 0.510 | 0.300 |
| W10 x 33 | 9.73 | 7.960 | 0.435 | 0.290 |
| W10 x 39 | 9.92 | 7.985 | 0.530 | 0.315 |
| W10 x 45 | 10.10 | 8.020 | 0.620 | 0.350 |
| W10 x 49 | 9.98 | 10.000 | 0.560 | 0.340 |
| W10 x 54 | 10.09 | 10.030 | 0.615 | 0.370 |
| W10 x 60 | 10.22 | 10.080 | 0.680 | 0.420 |
| W10 x 68 | 10.40 | 10.130 | 0.770 | 0.470 |
| W10 x 77 | 10.60 | 10.190 | 0.870 | 0.530 |
| W10 x 88 | 10.84 | 10.265 | 0.990 | 0.605 |
| W10 x 100 | 11.10 | 10.340 | 1.120 | 0.680 |
| W10 x 112 | 11.36 | 10.415 | 1.250 | 0.755 |
| W12 x 14 | 11.91 | 3.970 | 0.225 | 0.200 |
| W12 x 16 | 11.99 | 3.990 | 0.265 | 0.220 |
| W12 x 19 | 12.16 | 4.005 | 0.350 | 0.235 |
| W12 x 22 | 12.31 | 4.030 | 0.425 | 0.260 |
| W12 x 26 | 12.22 | 6.490 | 0.380 | 0.230 |
| W12 x 30 | 12.34 | 6.520 | 0.440 | 0.260 |
| W12 x 35 | 12.50 | 6.560 | 0.520 | 0.300 |
| W12 x 40 | 11.94 | 8.005 | 0.515 | 0.295 |
| W12 x 45 | 12.06 | 8.045 | 0.575 | 0.335 |
| W12 x 50 | 12.19 | 8.080 | 0.640 | 0.370 |
| W12 x 53 | 12.06 | 9.995 | 0.575 | 0.345 |
| W12 x 58 | 12.19 | 10.010 | 0.640 | 0.360 |
| W12 x 65 | 12.12 | 12.000 | 0.605 | 0.390 |
| W12 x 72 | 12.25 | 12.040 | 0.670 | 0.430 |

BEAMS

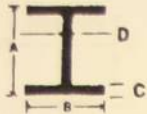
Wide Flange Stocked in Lengths up to 60'

Other sizes of beams are produced—please inquire for more information.



| Size & Weight Per Foot | A Depth In Inches | B Flange Width Inches | C Flange Thickness Inches | D Web Thickness Inches |
|---------------------------|----------------------------|--------------------------------|------------------------------------|---------------------------------|
| W12 x 79 | 12.38 | 12.080 | 0.735 | 0.470 |
| W12 x 87 | 12.53 | 12.125 | 0.810 | 0.515 |
| W12 x 96 | 12.71 | 12.160 | 0.900 | 0.550 |
| W12 x 106 | 12.89 | 12.220 | 0.990 | 0.610 |
| W12 x 120 | 13.12 | 12.320 | 1.105 | 0.710 |
| W12 x 136 | 13.41 | 12.400 | 1.250 | 0.790 |
| W12 x 152 | 13.71 | 12.480 | 1.400 | 0.870 |
| W12 x 170 | 14.03 | 12.570 | 1.560 | 0.960 |
| W12 x 190 | 14.38 | 12.670 | 1.735 | 1.060 |
| W14 x 22 | 13.74 | 5.000 | 0.335 | 0.230 |
| W14 x 26 | 13.91 | 5.025 | 0.420 | 0.255 |
| W14 x 30 | 13.84 | 6.730 | 0.385 | 0.270 |
| W14 x 34 | 13.98 | 6.745 | 0.455 | 0.285 |
| W14 x 38 | 14.10 | 6.770 | 0.515 | 0.310 |
| W14 x 43 | 13.66 | 7.995 | 0.530 | 0.305 |
| W14 x 48 | 13.79 | 8.030 | 0.595 | 0.340 |
| W14 x 53 | 13.92 | 8.060 | 0.660 | 0.370 |
| W14 x 61 | 13.89 | 9.995 | 0.645 | 0.375 |
| W14 x 68 | 14.04 | 10.035 | 0.720 | 0.415 |
| W14 x 74 | 14.17 | 10.070 | 0.785 | 0.450 |
| W14 x 82 | 14.31 | 10.130 | 0.855 | 0.510 |
| W14 x 90 | 14.02 | 14.520 | 0.710 | 0.440 |
| W14 x 99 | 14.16 | 14.565 | 0.780 | 0.485 |
| W14 x 109 | 14.32 | 14.605 | 0.860 | 0.525 |
| W14 x 120 | 14.48 | 14.670 | 0.940 | 0.590 |
| W14 x 132 | 14.66 | 14.725 | 1.030 | 0.645 |
| W16 x 26 | 15.69 | 5.500 | 0.345 | 0.250 |
| W16 x 31 | 15.88 | 5.525 | 0.440 | 0.275 |
| W16 x 36 | 15.86 | 6.985 | 0.430 | 0.295 |
| W16 x 40 | 16.01 | 6.995 | 0.505 | 0.305 |
| W16 x 45 | 16.13 | 7.035 | 0.565 | 0.345 |
| W16 x 50 | 16.26 | 7.070 | 0.630 | 0.380 |
| W16 x 57 | 16.43 | 7.120 | 0.715 | 0.430 |
| W16 x 67 | 16.33 | 10.235 | 0.665 | 0.395 |
| W16 x 77 | 16.52 | 10.295 | 0.760 | 0.455 |
| W16 x 89 | 16.75 | 10.365 | 0.875 | 0.525 |
| W16 x 100 | 15.97 | 10.425 | 0.985 | 0.585 |
| W18 x 35 | 17.70 | 6.000 | 0.425 | 0.300 |
| W18 x 40 | 17.90 | 6.015 | 0.525 | 0.315 |
| W18 x 46 | 18.06 | 6.060 | 0.605 | 0.360 |
| W18 x 50 | 17.99 | 7.495 | 0.570 | 0.355 |
| W18 x 55 | 18.11 | 7.530 | 0.630 | 0.390 |
| W18 x 60 | 18.24 | 7.555 | 0.695 | 0.415 |
| W18 x 65 | 18.35 | 7.590 | 0.750 | 0.450 |
| W18 x 71 | 18.47 | 7.635 | 0.810 | 0.495 |
| W18 x 76 | 18.21 | 11.035 | 0.680 | 0.425 |
| W18 x 86 | 18.39 | 11.090 | 0.770 | 0.480 |
| W18 x 97 | 18.59 | 11.145 | 0.870 | 0.535 |
| W18 x 106 | 18.73 | 11.200 | 0.940 | 0.590 |
| W18 x 119 | 18.97 | 11.265 | 1.060 | 0.655 |
| W21 x 44 | 20.66 | 6.500 | 0.450 | 0.350 |
| W21 x 50 | 20.83 | 6.530 | 0.535 | 0.380 |
| W21 x 57 | 21.06 | 6.555 | 0.650 | 0.405 |

BEAMS



Wide Flange Stocked in Lengths up to 60'

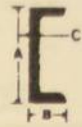
Other sizes of beams are produced-please inquire for more information.

| Size & Weight Per Foot | A Depth In Inches | B Flange Width Inches | C Flange Thickness Inches | D Web Thickness Inches |
|---------------------------|----------------------------|--------------------------------|------------------------------------|---------------------------------|
| W21 x 62 | 20.99 | 8.240 | 0.615 | 0.400 |
| W21 x 68 | 21.13 | 8.270 | 0.685 | 0.430 |
| W21 x 73 | 21.24 | 8.295 | 0.740 | 0.455 |
| W21 x 83 | 21.43 | 8.355 | 0.835 | 0.515 |
| W21 x 93 | 21.62 | 8.420 | 0.930 | 0.580 |
| W21 x 101 | 21.36 | 12.290 | 0.800 | 0.500 |
| W21 x 111 | 21.51 | 12.340 | 0.875 | 0.550 |
| W21 x 122 | 21.68 | 12.390 | 0.960 | 0.600 |
| W21 x 132 | 21.83 | 12.440 | 1.035 | 0.650 |
| W21 x 147 | 22.06 | 12.510 | 1.150 | 0.720 |
| W24 x 55 | 23.57 | 7.005 | 0.505 | 0.395 |
| W24 x 62 | 23.74 | 7.040 | 0.590 | 0.430 |
| W24 x 68 | 23.73 | 8.965 | 0.585 | 0.415 |
| W24 x 76 | 23.92 | 8.990 | 0.680 | 0.440 |
| W24 x 84 | 24.10 | 9.020 | 0.770 | 0.470 |
| W24 x 94 | 24.31 | 9.065 | 0.875 | 0.515 |
| W24 x 104 | 24.06 | 12.750 | 0.750 | 0.500 |
| W24 x 117 | 24.26 | 12.800 | 0.850 | 0.550 |
| W24 x 131 | 24.48 | 12.855 | 0.960 | 0.605 |
| W24 x 146 | 24.74 | 12.900 | 1.090 | 0.650 |
| W24 x 162 | 25.00 | 12.955 | 1.220 | 0.705 |
| W27 x 84 | 26.71 | 9.960 | 0.640 | 0.460 |
| W27 x 94 | 26.92 | 9.990 | 0.745 | 0.490 |
| W27 x 102 | 27.09 | 10.015 | 0.830 | 0.515 |
| W27 x 114 | 27.29 | 10.070 | 0.930 | 0.570 |
| W27 x 146 | 27.38 | 13.965 | 0.975 | 0.605 |
| W27 x 161 | 27.59 | 14.020 | 1.080 | 0.660 |
| W27 x 178 | 27.81 | 14.085 | 1.190 | 0.725 |
| W30 x 99 | 29.65 | 10.450 | 0.670 | 0.520 |
| W30 x 108 | 29.83 | 10.475 | 0.760 | 0.545 |
| W30 x 16 | 30.01 | 10.495 | 0.850 | 0.565 |
| W30 x 124 | 30.17 | 10.515 | 0.930 | 0.585 |
| W30 x 132 | 30.31 | 10.545 | 1.000 | 0.615 |
| W30 x 173 | 30.44 | 14.985 | 1.065 | 0.655 |
| W30 x 191 | 30.68 | 15.040 | 1.185 | 0.710 |
| W30 x 211 | 30.94 | 15.105 | 1.315 | 0.775 |
| W33 x 118 | 32.86 | 11.480 | 0.740 | 0.550 |
| W33 x 130 | 33.09 | 11.510 | 0.855 | 0.580 |
| W33 x 141 | 33.30 | 11.535 | 0.960 | 0.605 |
| W33 x 152 | 33.49 | 11.565 | 1.055 | 0.635 |
| W33 x 201 | 33.68 | 15.745 | 1.150 | 0.715 |
| W33 x 221 | 33.93 | 15.805 | 1.275 | 0.775 |
| W33 x 241 | 34.18 | 15.860 | 1.400 | 0.830 |
| W36 x 135 | 35.55 | 11.950 | 0.790 | 0.600 |
| W36 x 150 | 35.85 | 11.975 | 0.940 | 0.625 |
| W36 x 160 | 36.01 | 12.000 | 1.020 | 0.650 |
| W36 x 170 | 36.17 | 12.030 | 1.100 | 0.680 |
| W36 x 182 | 36.33 | 12.075 | 1.180 | 0.725 |
| W36 x 194 | 36.49 | 12.115 | 1.260 | 0.765 |
| W36 x 210 | 36.69 | 12.180 | 1.360 | 0.830 |
| W36 x 230 | 35.90 | 16.470 | 1.260 | 0.760 |
| W36 x 245 | 36.08 | 16.510 | 1.350 | 0.800 |
| W36 x 260 | 36.26 | 16.550 | 1.440 | 0.840 |
| W36 x 280 | 36.52 | 16.595 | 1.570 | 0.885 |
| W36 x 300 | 36.74 | 16.655 | 1.680 | 0.945 |

STD. CHANNELS

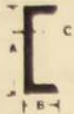
Channels - Standard Structural Sizes

Available in Lengths to 60' - Also available in Galvanized



| A Depth of Channel in Inches | Weight Lbs. per Foot | B Flange Width Inches | C Web Thickness Inches | Weight, Lbs. | |
|---------------------------------------|----------------------------|--------------------------------|---------------------------------|------------------|------------------|
| | | | | 20-Ft. Length | 40-Ft. Length |
| 3 | 4.1 | 1.410 | .170 | 82 | 164 |
| 3 | 5.0 | 1.498 | .258 | 100 | 200 |
| 3 | 6.0 | 1.596 | .356 | 120 | 240 |
| 4 | 5.4 | 1.580 | .180 | 108 | 216 |
| 4 | 7.25 | 1.720 | .320 | 125 | 250 |
| | | | | 145 | 290 |
| 5 | 6.7 | 1.750 | .190 | 134 | 268 |
| 5 | 9.0 | 1.885 | .325 | 180 | 360 |
| 6 | 8.2 | 1.920 | .200 | 164 | 328 |
| 6 | 10.5 | 2.034 | .314 | 210 | 420 |
| 6 | 13.0 | 2.157 | .437 | 260 | 520 |
| 7 | 9.8 | 2.090 | .210 | 196 | 392 |
| 7 | 12.25 | 2.194 | .314 | 245 | 490 |
| 7 | 14.75 | 2.299 | .419 | 295 | 590 |
| 8 | 11.5 | 2.260 | .220 | 230 | 460 |
| 8 | 13.75 | 2.343 | .303 | 275 | 550 |
| 8 | 18.75 | 2.527 | .487 | 375 | 750 |
| 9 | 13.4 | 2.430 | .230 | 268 | 536 |
| 9 | 15.0 | 2.485 | .285 | 300 | 600 |
| 9 | 20.0 | 2.648 | .448 | 400 | 800 |
| 10 | 15.3 | 2.600 | .240 | 306 | 612 |
| 10 | 20.0 | 2.739 | .379 | 400 | 800 |
| 10 | 25.0 | 2.886 | .526 | 500 | 1000 |
| 10 | 30.0 | 3.033 | .673 | 600 | 1200 |
| 12 | 20.7 | 2.940 | .280 | 414 | 828 |
| 12 | 25.0 | 3.047 | .387 | 500 | 1000 |
| 12 | 30.0 | 3.170 | .510 | 600 | 1200 |
| 15 | 33.9 | 3.400 | .400 | 678 | 1356 |
| 15 | 40.0 | 3.520 | .520 | 800 | 1600 |
| 15 | 50.0 | 3.716 | .716 | 1000 | 2000 |

MISC. CHANNELS



MC-Shapes (Car, Ship and Junior Channels)

Also available in Galvanized

| A Depth of Channel in Inches | Weight Lbs. per Foot | B Flange Width Inches | C Web Thickness Inches | Weight, Lbs. | |
|---------------------------------------|----------------------------|--------------------------------|---------------------------------|------------------|------------------|
| | | | | 20-Ft. Length | 40-Ft. Length |
| 3 x 7.1 | 7.1 | 1.938 | .312 | 142 | 284 |
| 3 x 9.0 | 9.0 | 2.122 | .497 | 180 | 360 |
| 4 x 13.8 | 13.8 | 2.500 | .500 | 276 | 552 |
| 6 x 12.0 | 12.0 | 2.497 | .310 | 240 | 480 |
| 6 x 15.1 | 15.1 | 2.941 | .316 | 302 | 604 |
| 6 x 15.3 | 15.3 | 3.500 | .340 | 306 | 612 |
| 6 x 16.3 | 16.3 | 3.000 | .375 | 326 | 652 |
| 6 x 18.0 | 18.0 | 3.504 | .379 | 360 | 720 |
| 7 x 19.1 | 19.1 | 3.452 | .352 | 382 | 764 |
| 7 x 22.7 | 22.7 | 3.603 | .503 | 454 | 908 |
| 8 x 8.5 | 8.5 | 1.874 | .179 | 170 | 340 |
| 8 x 18.7 | 18.7 | 2.978 | .353 | 374 | 748 |
| 8 x 20.0 | 20.0 | 3.025 | .400 | 400 | 800 |
| 8 x 21.4 | 21.4 | 3.450 | .375 | 428 | 856 |
| 8 x 22.8 | 22.8 | 3.502 | .427 | 456 | 912 |
| 9 x 23.9 | 23.9 | 3.450 | .400 | 478 | 956 |
| 9 x 25.4 | 25.4 | 3.500 | .450 | 508 | 1016 |
| 10 x 6.5 | 6.5 | 1.127 | .152 | 130 | 260 |
| 10 x 8.4 | 8.4 | 1.500 | .170 | 168 | 336 |
| 10 x 22.0 | 22.0 | 3.450 | .325 | 440 | 880 |
| 10 x 24.9 | 24.9 | 3.402 | .377 | 498 | 996 |
| 10 x 25.3 | 25.3 | 3.550 | .425 | 506 | 1012 |
| 10 x 28.3 | 28.3 | 3.502 | .477 | 566 | 1132 |
| 10 x 28.5 | 28.5 | 3.950 | .425 | 570 | 1140 |
| 10 x 33.6 | 33.6 | 4.100 | .575 | 672 | 1344 |
| 10 x 41.1 | 41.1 | 4.321 | .796 | 822 | 1644 |
| 12 x 10.6 | 10.6 | 1.500 | .190 | 212 | 424 |
| 12 x 30.9 | 30.9 | 3.450 | .450 | 618 | 1236 |
| 12 x 32.9 | 32.9 | 3.500 | .500 | 658 | 1316 |
| 12 x 35.0 | 35.0 | 3.767 | .467 | 700 | 1400 |
| 12 x 37.0 | 37.0 | 3.600 | .600 | 740 | 1480 |
| 12 x 40.0 | 40.0 | 3.890 | .590 | 800 | 1600 |
| 12 x 45.0 | 45.0 | 4.012 | .712 | 900 | 1800 |
| 12 x 50.0 | 50.0 | 4.135 | .835 | 1000 | 2000 |
| 13 x 31.8 | 31.8 | 4.000 | .375 | 636 | 1272 |
| 13 x 35.0 | 35.0 | 4.072 | .447 | 700 | 1400 |
| 13 x 40.0 | 40.0 | 4.185 | .560 | 800 | 1600 |
| 13 x 50.0 | 50.0 | 4.412 | .787 | 1000 | 2000 |

MISC. CHANNELS/BAR CHANNELS

MC-Shapes (Car, Ship and Junior Channels)

Also available in Galvanized

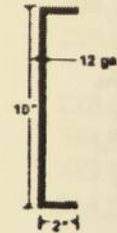


| A Depth of Channel in Inches | Weight Lbs. per Foot | B Flange Width Inches | C Web Thickness Inches | Weight, Lbs. | |
|---------------------------------------|----------------------------|--------------------------------|---------------------------------|------------------|------------------|
| | | | | 20-Ft. Length | 40-Ft. Length |
| 18 x 42.7 | 42.7 | 3.950 | .450 | 854 | 1708 |
| 18 x 45.8 | 45.8 | 4.000 | .500 | 916 | 1832 |
| 18 x 51.9 | 51.9 | 4.100 | .600 | 1038 | 2076 |
| 18 x 58.0 | 58.0 | 4.200 | .700 | 1160 | 2320 |

Stair Stringer

Available in 16', 17' and 18' Lengths.

12 ga. Thickness

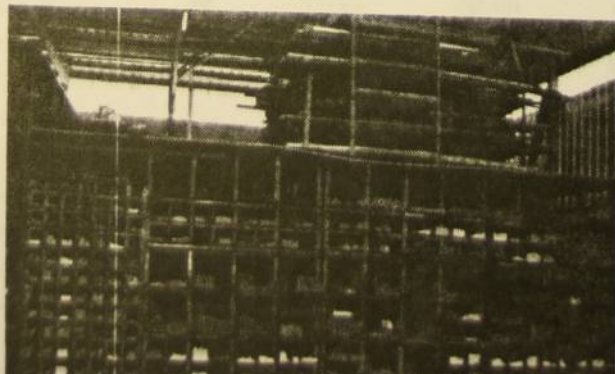


Bar Channels

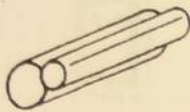
Stock Length, 20'



| Size in Inches | | | Weight, Lbs. | | Size in Inches | | | Weight, Lbs. | |
|----------------|---------------|---------------|--------------|------------------|----------------|---------------|----------------|--------------|------------------|
| A | B | C | Per Foot | 20-Ft. Length | A | B | C | Per Foot | 20-Ft. Length |
| $\frac{3}{4}$ | $\frac{1}{2}$ | $\frac{1}{8}$ | .56 | 11.20 | $1\frac{1}{2}$ | $\frac{3}{4}$ | $\frac{1}{8}$ | 1.17 | 23.40 |
| 1 | $\frac{1}{2}$ | $\frac{1}{8}$ | .84 | 16.80 | $1\frac{3}{4}$ | $\frac{1}{2}$ | $\frac{3}{16}$ | 1.55 | 31.00 |
| $1\frac{1}{4}$ | $\frac{1}{2}$ | $\frac{1}{8}$ | 1.01 | 20.20 | 2 | $\frac{1}{2}$ | $\frac{1}{8}$ | 1.34 | 26.80 |
| $1\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{8}$ | 1.12 | 22.40 | 2 | 1 | $\frac{1}{8}$ | 1.78 | 35.60 |
| | | | | | 2 | 1 | $\frac{3}{16}$ | 2.59 | 51.80 |



ROUND BARS



Round Bars

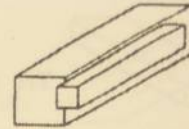
We can furnish hot rolled or cold finished round bars
in various alloy and carbon steels.

| Size In Inches | Wt. per Ft. Lbs. | Wt. per Pc. 20-Ft. | Size In Inches | Wt. per Ft. Lbs. | Wt. per Pc. 20-Ft. |
|----------------------|------------------------|--------------------------|----------------------|------------------------|--------------------------|
| $\frac{3}{16}$ | 0.094 | 1.88 | 3 | 24.03 | 480.60 |
| $\frac{1}{4}$ | 0.167 | 3.34 | $3\frac{1}{8}$ | 26.08 | 521.60 |
| $\frac{5}{16}$ | 0.261 | 5.22 | $3\frac{1}{4}$ | 28.21 | 564.20 |
| $\frac{3}{8}$ | 0.376 | 7.52 | $3\frac{3}{8}$ | 30.42 | 608.40 |
| $\frac{7}{16}$ | 0.511 | 10.22 | $3\frac{1}{2}$ | 32.71 | 654.20 |
| $\frac{1}{2}$ | 0.668 | 13.36 | $3\frac{3}{4}$ | 35.09 | 701.80 |
| $\frac{9}{16}$ | 0.845 | 16.90 | $3\frac{7}{8}$ | 37.55 | 751.00 |
| $\frac{5}{8}$ | 1.043 | 20.86 | $3\frac{7}{8}$ | 40.10 | 802.00 |
| $\frac{11}{16}$ | 1.262 | 25.24 | | | |
| $\frac{3}{4}$ | 1.502 | 30.04 | 4 | 42.73 | 854.60 |
| $\frac{13}{16}$ | 1.763 | 35.26 | $4\frac{1}{8}$ | 45.44 | 908.80 |
| $\frac{7}{8}$ | 2.044 | 40.88 | $4\frac{1}{4}$ | 48.23 | 964.60 |
| $\frac{15}{16}$ | 2.347 | 46.94 | $4\frac{3}{8}$ | 51.11 | 1022.20 |
| 1 | 2.670 | 53.40 | $4\frac{1}{2}$ | 54.08 | 1081.60 |
| $1\frac{1}{16}$ | 3.379 | 67.58 | $4\frac{3}{4}$ | 57.12 | 1142.40 |
| $1\frac{1}{8}$ | 4.172 | 83.44 | $4\frac{3}{4}$ | 60.25 | 1205.00 |
| $1\frac{1}{4}$ | 5.049 | 101.00 | 5 | 66.76 | 1335.20 |
| $1\frac{1}{2}$ | 6.008 | 120.16 | $5\frac{1}{4}$ | 73.60 | 1472.00 |
| $1\frac{3}{4}$ | 7.051 | 141.02 | $5\frac{1}{2}$ | 80.78 | 1615.60 |
| $1\frac{7}{8}$ | 8.178 | 163.56 | $5\frac{3}{4}$ | 88.29 | 1765.80 |
| 2 | 10.68 | 213.60 | 6 | 96.13 | 1922.60 |
| $2\frac{1}{8}$ | 12.06 | 241.20 | $6\frac{1}{8}$ | 100.18 | 2003.60 |
| $2\frac{1}{4}$ | 13.52 | 270.40 | $6\frac{1}{4}$ | 104.31 | 2086.20 |
| $2\frac{3}{8}$ | 15.06 | 301.20 | $6\frac{1}{2}$ | 112.82 | 2256.40 |
| $2\frac{1}{2}$ | 16.69 | 333.80 | $6\frac{3}{4}$ | 121.67 | 2433.40 |
| $2\frac{5}{8}$ | 18.40 | 368.00 | | | |
| $2\frac{3}{4}$ | 20.19 | 403.80 | 7 | 130.85 | 2617.00 |
| $2\frac{7}{8}$ | 22.07 | 441.40 | $7\frac{1}{8}$ | 140.36 | 2807.20 |
| | | | $7\frac{1}{2}$ | 150.21 | 3004.20 |
| | | | $7\frac{3}{4}$ | 160.39 | 3207.80 |
| | | | 8 | 170.90 | 3418.00 |

SQUARE & REINFORCING BAR

Square Bars

Stocked in Hot Rolled and 1018 Cold Finished.
Also available in Galvanized



| Size in Inches | Wt. per Ft. Lbs. | Wt. per Pc. 20-Ft. | Size in Inches | Wt. per Ft. Lbs. | Wt. per Pc. 20-Ft. |
|------------------------|------------------|--------------------|----------------|------------------|--------------------|
| 1/4 | 0.213 | 4.26 | 1 | 3.40 | 68.00 |
| 5/16 | 0.332 | 6.64 | 1 1/8 | 4.30 | 86.00 |
| 3/8 | 0.478 | 9.56 | 1 1/4 | 5.31 | 106.20 |
| 7/16 | 0.651 | 13.02 | 1 3/8 | 6.43 | 128.60 |
| 1/2 | 0.850 | 17.00 | 1 1/2 | 7.65 | 153.00 |
| 9/16 | 1.08 | 21.60 | 1 5/8 | 8.98 | 179.60 |
| 5/8 | 1.33 | 26.60 | 1 3/4 | 10.41 | 208.20 |
| 11/16 | 1.61 | 32.20 | 1 7/8 | 11.95 | 239.00 |
| 3/4 | 1.91 | 38.20 | 2 | 13.60 | 272.00 |
| 13/16 | 2.25 | 45.00 | 2 1/8 | 17.21 | 344.20 |
| 7/8 | 2.60 | 52.00 | 2 1/2 | 21.25 | 425.00 |
| | | | 2 3/4 | 25.71 | 514.20 |
| Standard Length | | | 3 | 30.60 | 612.00 |
| Hot Rolled | | 20' | | | |
| Cold Finished | | 12' | | | |

Concrete Reinforcing Bars
Also available in Galvanized

GR40 and GR60 are available



| SIZE | Wt./Ft. | Per 20 Ft. | Per 40 Ft. |
|------------|---------|------------|------------|
| 1/4" #2 | .167 | 3.34 | 6.68 |
| 3/8" #3 | .376 | 7.52 | 15.04 |
| 1/2" #4 | .668 | 13.36 | 26.72 |
| 5/8" #5 | 1.043 | 20.86 | 41.72 |
| 3/4" #6 | 1.502 | 30.04 | 60.08 |
| 7/8" #7 | 2.044 | 40.88 | 81.76 |
| 1" #8 | 2.670 | 53.40 | 106.80 |
| 1 1/8" #9 | 3.400 | 68.00 | 136.00 |
| 1 1/4" #10 | 4.303 | 86.06 | 172.12 |
| 1 3/8" #11 | 5.313 | 106.26 | 212.52 |
| 1 3/4" #14 | 7.650 | 153.00 | 306.00 |
| 2 1/4" #18 | 13.600 | 272.00 | 544.00 |

FLAT BARS



Flat Bars

We stock both Hot Rolled and 1018 Cold Finished flats.
Also available in Galvanized

| Est. Weight, Lbs. | | | Est. Weight, Lbs. | | | Est. Weight, Lbs. | | |
|-------------------|----------|------------|---------------------|----------|------------|-------------------|----------|------------|
| Size in Inches | Per Foot | 20-Ft. Bar | Size in Inches | Per Foot | 20-Ft. Bar | Size in Inches | Per Foot | 20-Ft. Bar |
| ¼-INCH | | | ⅜-INCH CONT. | | | ½ INCH | | |
| ⅜ | .319 | 6.38 | 2 | 2.125 | 42.50 | ⅜ | 1.116 | 22.32 |
| ½ | .425 | 8.50 | 2¼ | 2.391 | 47.82 | ⅞ | 1.302 | 26.04 |
| ¾ | .531 | 10.62 | 2½ | 2.656 | 53.12 | 1 | 1.488 | 29.76 |
| 7⁄8 | .638 | 12.76 | 2¾ | 2.922 | 58.44 | 1¼ | 1.859 | 37.18 |
| 1 | .744 | 14.88 | 3 | 3.188 | 63.76 | 1½ | 2.231 | 44.62 |
| 1¼ | .850 | 17.00 | 3¼ | 3.453 | 69.06 | 1¾ | 2.603 | 52.06 |
| 1½ | .956 | 19.12 | 3½ | 3.719 | 74.38 | 2 | 2.975 | 59.50 |
| 1¾ | 1.063 | 21.26 | 4 | 4.250 | 85.00 | 2¼ | 3.347 | 66.94 |
| 2 | 1.169 | 23.38 | 4½ | 4.781 | 95.62 | 2½ | 3.719 | 74.38 |
| 2¼ | 1.275 | 25.50 | 5 | 5.313 | 106.30 | 3 | 4.463 | 89.26 |
| 2½ | 1.381 | 27.62 | 5½ | 5.840 | 116.80 | 3½ | 5.206 | 104.10 |
| 2¾ | 1.488 | 29.76 | 6 | 6.375 | 127.50 | 4 | 5.950 | 119.00 |
| 3 | 1.700 | 34.00 | 7 | 7.440 | 148.70 | 4½ | 6.694 | 133.90 |
| 3¼ | 1.913 | 38.26 | 7½ | 7.970 | 159.40 | 5 | 7.438 | 148.80 |
| 3½ | 2.125 | 42.50 | 8 | 8.500 | 170.00 | 6 | 8.925 | 178.50 |
| 4 | 2.338 | 46.76 | | | | | | |
| 4¼ | 2.550 | 51.00 | ¾ INCH | | | 1 INCH | | |
| 4½ | 2.763 | 55.26 | ½ | .638 | 12.76 | ¾ | 1.063 | 21.26 |
| 5 | 2.975 | 59.50 | ⅝ | .797 | 15.94 | 7⁄8 | 1.275 | 25.50 |
| 5¼ | 3.188 | 63.76 | ¾ | .956 | 19.12 | 1 | 1.488 | 29.76 |
| 5½ | 3.400 | 68.00 | ⅞ | 1.116 | 22.32 | 1¼ | 1.700 | 34.00 |
| 6 | 3.613 | 72.26 | 1 | 1.275 | 25.50 | 1½ | 1.913 | 38.26 |
| 6¼ | 3.825 | 76.50 | 1¼ | 1.434 | 28.68 | 1¾ | 2.125 | 42.50 |
| 6½ | 4.250 | 85.00 | 1½ | 1.594 | 31.88 | 2 | 2.338 | 46.76 |
| 7 | 4.675 | 93.50 | 1¾ | 1.753 | 35.06 | 2¼ | 2.550 | 51.00 |
| 7¼ | 5.100 | 102.00 | 2 | 1.913 | 38.26 | 2½ | 2.763 | 55.26 |
| 7½ | 5.530 | 110.60 | 2¼ | 2.072 | 41.44 | 3 | 2.975 | 59.50 |
| 8 | 5.950 | 119.00 | 2½ | 2.231 | 44.62 | 3½ | 3.400 | 68.00 |
| | 6.380 | 127.60 | 3 | 2.550 | 51.00 | 4 | 4.250 | 85.00 |
| | 6.800 | 136.00 | 3¼ | 2.869 | 57.38 | 4½ | 4.675 | 93.50 |
| | | | 3½ | 3.188 | 63.76 | 5 | 5.100 | 102.00 |
| | | | 4 | 3.506 | 70.12 | 5¼ | 5.525 | 110.50 |
| | | | 4¼ | 3.825 | 76.50 | 5½ | 5.950 | 119.00 |
| | | | 4½ | 4.144 | 82.88 | 6 | 6.800 | 136.00 |
| | | | 5 | 4.463 | 89.26 | 6¼ | 7.650 | 153.00 |
| | | | 5¼ | 5.100 | 102.00 | 6½ | 8.500 | 170.00 |
| | | | 5½ | 5.738 | 114.80 | 7 | 9.350 | 187.00 |
| | | | 6 | 6.375 | 127.50 | 7¼ | 10.200 | 204.00 |
| | | | 6¼ | 7.013 | 140.30 | 7½ | 11.900 | 238.00 |
| | | | 6½ | 7.650 | 153.00 | 8 | 13.600 | 272.00 |
| | | | 7 | 8.930 | 178.50 | | | |
| | | | 7¼ | 10.200 | 204.00 | | | |
| | | | | | | | | |

FLAT BARS

Flat Bars

We stock both Hot Rolled and 1018 Cold Finished flats.
Also available in Galvanized



| Est. Weight, Lbs. | | | Est. Weight, Lbs. | | | Est. Weight, Lbs. | | |
|-------------------|----------|------------|-----------------------|----------|------------|---------------------|----------|------------|
| Size in Inches | Per Foot | 20-Ft. Bar | Size in Inches | Per Foot | 20-Ft. Bar | Size in Inches | Per Foot | 20-Ft. Bar |
| 3/8-INCH | | | 3/4-INCH CONT. | | | 1-INCH CONT. | | |
| 3/8 | 1.594 | 31.88 | 5 | 12.750 | 255.00 | 5 1/2 | 18.700 | 374.00 |
| 7/8 | 1.859 | 37.18 | 5 1/2 | 14.020 | 280.40 | 6 | 20.400 | 408.00 |
| 1 | 2.125 | 42.50 | 6 | 15.300 | 306.00 | 7 | 23.800 | 476.00 |
| 1 1/8 | 2.391 | 47.82 | 7 | 17.850 | 357.00 | 8 | 27.200 | 544.00 |
| 1 1/4 | 2.656 | 53.12 | 8 | 20.400 | 408.00 | | | |
| 1 3/8 | 2.922 | 58.44 | | | | 1 1/4-INCH | | |
| 1 1/2 | 3.188 | 63.76 | | | | 2 | 7.650 | 153.00 |
| 1 5/8 | 3.453 | 69.06 | 7/8-INCH | | | 3 | 11.480 | 229.60 |
| 1 3/4 | 3.719 | 74.38 | 1 | 2.975 | 59.50 | 4 | 15.300 | 306.00 |
| 2 | 4.250 | 85.00 | 1 1/4 | 3.719 | 74.38 | 5 | 19.130 | 382.60 |
| 2 1/4 | 4.781 | 95.62 | 1 3/8 | 4.091 | 81.82 | 6 | 22.950 | 459.00 |
| 2 1/2 | 5.313 | 106.30 | 1 1/2 | 4.463 | 89.26 | | | |
| 2 3/4 | 5.844 | 116.90 | 1 3/4 | 5.206 | 104.10 | 1 1/2-INCH | | |
| 3 | 6.375 | 127.50 | 2 | 5.950 | 119.00 | 1 1/2 | 6.375 | 127.50 |
| 3 1/4 | 6.906 | 138.10 | 2 1/4 | 6.694 | 133.90 | 1 3/4 | 7.438 | 148.80 |
| 3 1/2 | 7.438 | 148.80 | 2 1/2 | 7.438 | 148.80 | 2 | 8.500 | 170.00 |
| 4 | 8.500 | 170.00 | 2 3/4 | 8.181 | 163.60 | 2 1/4 | 9.563 | 191.30 |
| 4 1/2 | 9.563 | 191.30 | 3 | 8.925 | 178.50 | 2 1/2 | 10.630 | 212.40 |
| 5 | 10.630 | 212.40 | 3 1/2 | 10.410 | 208.20 | 2 3/4 | 11.690 | 233.80 |
| 5 1/2 | 11.690 | 233.80 | 4 | 11.900 | 238.00 | 3 | 12.750 | 255.00 |
| 6 | 12.750 | 255.00 | 4 1/2 | 13.390 | 267.80 | 3 1/4 | 13.810 | 276.20 |
| 7 | 14.870 | 297.40 | 5 | 14.870 | 297.40 | 3 1/2 | 14.870 | 297.40 |
| 8 | 17.000 | 340.00 | 5 1/2 | 16.360 | 327.20 | 4 | 17.000 | 340.00 |
| | | | 6 | 17.850 | 357.00 | 4 1/2 | 19.120 | 382.40 |
| | | | 7 | 20.830 | 416.60 | 5 | 21.250 | 425.00 |
| | | | 8 | 23.800 | 476.00 | 5 1/2 | 23.370 | 467.40 |
| | | | | | | 6 | 25.500 | 510.00 |
| | | | 1-INCH | | | 7 | 29.750 | 595.00 |
| 3/8 | 2.231 | 44.62 | 1 1/4 | 4.250 | 85.00 | 8 | 34.00 | 680.00 |
| 1 | 2.550 | 51.00 | 1 1/2 | 5.100 | 102.00 | | | |
| 1 1/8 | 2.869 | 57.38 | 1 3/4 | 5.950 | 119.00 | 1 3/4-INCH | | |
| 1 1/4 | 3.188 | 63.76 | 2 | 6.800 | 136.00 | 2 | 10.20 | 204.00 |
| 1 1/2 | 3.825 | 76.50 | 2 1/4 | 7.650 | 153.00 | 2 1/4 | 11.48 | 229.60 |
| 1 3/8 | 4.144 | 82.88 | 2 1/2 | 8.500 | 170.00 | 2 1/2 | 12.75 | 255.00 |
| 1 1/2 | 4.463 | 89.26 | 2 3/4 | 9.350 | 187.00 | 2 3/4 | 14.03 | 280.60 |
| 2 | 5.100 | 102.00 | 3 | 10.200 | 204.00 | 3 | 15.30 | 306.00 |
| 2 1/4 | 5.738 | 114.80 | 3 1/4 | 11.050 | 221.00 | 3 1/2 | 17.85 | 357.00 |
| 2 1/2 | 6.375 | 127.50 | 3 1/2 | 11.900 | 238.00 | | | |
| 2 3/4 | 7.013 | 140.30 | 4 | 13.600 | 272.00 | | | |
| 3 | 7.650 | 153.00 | 4 1/2 | 15.300 | 306.00 | | | |
| 3 1/4 | 8.288 | 165.80 | 5 | 17.000 | 340.00 | | | |
| 3 1/2 | 8.925 | 178.50 | | | | | | |
| 4 | 10.200 | 204.00 | | | | | | |
| 4 1/4 | 11.470 | 229.40 | | | | | | |

FLAT BARS/STRIP



Flat Bars

We stock both Hot Rolled and 1018 Cold Finished flats!
Also available in Galvanized

| Size in Inches | Est. Weight, Lbs. | | Size in Inches | Est. Weight, Lbs. | | Size in Inches | Est. Weight, Lbs. | |
|----------------------|-------------------|------------|----------------|-------------------|------------|----------------|-------------------|------------|
| | Per Foot | 20-Ft. Bar | | Per Foot | 20-Ft. Bar | | Per Foot | 20-Ft. Bar |
| 1½-INCH CONT. | | | 4½ | 26.78 | 535.60 | 2½-INCH | | |
| 4 | 20.40 | 408.00 | 5 | 29.75 | 595.00 | 3 | 25.50 | 510.00 |
| 4½ | 22.95 | 459.00 | 5½ | 32.73 | 654.60 | 3½ | 29.75 | 595.00 |
| 5 | 25.50 | 510.00 | 6 | 35.70 | 714.00 | 4 | 34.00 | 680.00 |
| 5½ | 28.05 | 561.00 | 2-INCH | | | 4½ | 38.25 | 765.00 |
| 6 | 30.60 | 612.00 | 2½ | 17.00 | 340.00 | 5 | 42.50 | 850.00 |
| 7 | 35.70 | 714.00 | 3 | 20.40 | 408.00 | 6 | 51.00 | 1020.00 |
| 8 | 40.80 | 816.00 | 3½ | 23.80 | 476.00 | 8 | 68.00 | 1360.00 |
| 1¼-INCH | | | 4 | 27.20 | 544.00 | 3-INCH | | |
| 2 | 11.90 | 238.00 | 4½ | 30.60 | 612.00 | 4 | 40.80 | 816.00 |
| 2½ | 14.88 | 297.60 | 5 | 34.00 | 680.00 | 4½ | 45.90 | 918.00 |
| 3 | 17.85 | 357.00 | 6 | 40.80 | 816.00 | 5 | 51.00 | 1020.00 |
| 3½ | 20.83 | 416.60 | 7 | 47.60 | 952.00 | 6 | 61.20 | 1224.00 |
| 4 | 23.80 | 476.00 | 8 | 54.40 | 1088.00 | 8 | 81.60 | 1632.00 |

Flat bars wider than 8" are classified as Universal Mill Plates (see page 17.)

Flat Bars thinner than ¼" are classified as Strips (see below.)

Standard Lengths: Hot Rolled — 20 ; 1018 Cold Finished — 12'



Hot Rolled Strip

Also available in Galvanized

| Size in Inches | Est. Weight, Lbs. | | Size in Inches | Est. Weight, Lbs. | |
|----------------|-------------------|--------|----------------|-------------------|--------|
| | Per Foot | 20-Ft. | | Per Foot | 20-Ft. |
| ¼ x ¾ | .159 | 3.18 | ¾ x ¾ | .239 | 4.78 |
| ½ | .213 | 4.26 | ½ | .319 | 6.38 |
| ¾ | .266 | 5.32 | ¾ | .398 | 7.96 |
| ¾ | .319 | 6.38 | ¾ | .478 | 9.56 |
| 1 | .425 | 8.50 | 1 | .638 | 12.76 |
| 1¼ | .531 | 10.62 | 1¼ | .797 | 15.94 |
| 1½ | .638 | 12.76 | 1½ | .956 | 19.12 |
| 1¾ | .744 | 14.88 | 1¾ | 1.116 | 22.32 |
| 2 | .850 | 17.00 | 2 | 1.275 | 25.50 |
| 2¼ | .956 | 19.12 | 2¼ | 1.434 | 28.68 |
| 2½ | 1.063 | 21.26 | 2½ | 1.594 | 31.88 |
| 2¾ | 1.169 | 23.38 | 2¾ | 1.753 | 35.06 |
| 3 | 1.275 | 25.50 | 3 | 1.913 | 38.26 |
| 3½ | 1.488 | 29.76 | 3½ | 2.231 | 44.62 |
| 4 | 1.700 | 34.00 | 4 | 2.550 | 51.00 |
| 4½ | 1.913 | 38.26 | 4½ | 2.869 | 57.38 |
| 5 | 2.125 | 42.50 | 5 | 3.188 | 63.76 |
| 6 | 2.550 | 51.00 | 6 | 3.825 | 76.50 |

UNIVERSAL MILL PLATES



Universal Mill Plates
 Wider Widths are available Flame Cut.
 Also available in Galvanized

| Thickness & Width Inches | Est. Weight, Lbs. | | Thickness & Width Inches | Est. Weight, Lbs. | |
|--------------------------|-------------------|---------------|--------------------------|-------------------|---------------|
| | Per Foot | 20-Ft. Length | | Per Foot | 20-Ft. Length |
| $\frac{1}{4}$ x 9 | 7.65 | 153.0 | $\frac{3}{4}$ x 9 | 22.95 | 495.0 |
| 10 | 8.50 | 170.0 | 10 | 25.50 | 510.0 |
| 11 | 9.35 | 187.0 | 12 | 30.60 | 612.0 |
| 12 | 10.20 | 204.0 | | | |
| | | | $\frac{7}{8}$ x 10 | 29.75 | 595.0 |
| $\frac{3}{8}$ x 9 | 9.56 | 191.2 | 12 | 35.70 | 714.0 |
| 10 | 10.63 | 212.6 | | | |
| 12 | 12.75 | 255.0 | 1 x 9 | 30.60 | 612.0 |
| | | | 10 | 34.00 | 680.0 |
| $\frac{1}{2}$ x 9 | 11.48 | 229.6 | 12 | 40.80 | 816.0 |
| 10 | 12.75 | 255.0 | | | |
| 11 | 14.03 | 280.6 | 1- $\frac{1}{4}$ x 9 | 38.25 | 765.0 |
| 12 | 15.30 | 306.0 | 10 | 42.50 | 850.0 |
| | | | 12 | 51.00 | 1020.0 |
| $\frac{1}{2}$ x 9 | 15.30 | 306.0 | | | |
| 10 | 17.00 | 340.0 | 1- $\frac{1}{2}$ x 10 | 51.00 | 1020.0 |
| 11 | 18.70 | 374.0 | 12 | 61.20 | 1224.0 |
| 12 | 20.40 | 408.0 | | | |
| | | | 2 x 9 | 61.20 | 1224.0 |
| $\frac{3}{4}$ x 9 | 19.13 | 382.6 | 10 | 68.00 | 1360.0 |
| 10 | 21.25 | 425.0 | 12 | 81.60 | 1632.0 |
| 12 | 25.50 | 510.0 | | | |



ORNAMENTAL IRON

*PAL STEEL HAS ORNAMENTAL IRON PRODUCTS AVAILABLE
 MANY STYLES ARE AVAILABLE IN CAST
 IRON, STEEL, AND ALUMINUM. PLEASE CALL FOR PRODUCT
 INFORMATION, PRICE, AND AVAILABILITY.*

PLATES



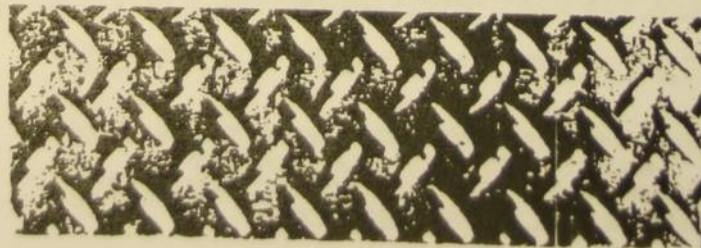
Plate Weights Per Square Inch & Square Foot

| | Wt. Per Sq. Inch | Wt. Per Sq. Foot | | Wt. Per Sq. Inch | Wt. Per Sq. Foot |
|-----------------|---------------------|---------------------|----------------|---------------------|---------------------|
| $\frac{3}{16}$ | .0532 | 7.66 | $2\frac{1}{4}$ | .6381 | 91.89 |
| $\frac{1}{4}$ | .0709 | 10.21 | $2\frac{1}{2}$ | .7090 | 102.10 |
| $\frac{5}{16}$ | .0886 | 12.76 | $2\frac{3}{4}$ | .7799 | 112.31 |
| $\frac{3}{8}$ | .1064 | 15.31 | 3 | .8508 | 122.52 |
| $\frac{7}{16}$ | .1241 | 17.87 | $3\frac{1}{4}$ | .9217 | 132.72 |
| $\frac{1}{2}$ | .1418 | 20.42 | $3\frac{1}{2}$ | .9926 | 142.93 |
| $\frac{9}{16}$ | .1595 | 22.97 | $3\frac{3}{4}$ | 1.0635 | 153.14 |
| $\frac{5}{8}$ | .1773 | 25.52 | 4 | 1.1344 | 163.35 |
| $1\frac{1}{16}$ | .1950 | 28.08 | $4\frac{1}{4}$ | 1.2053 | 173.56 |
| $\frac{3}{4}$ | .2127 | 30.63 | $4\frac{1}{2}$ | 1.2762 | 183.77 |
| $\frac{7}{8}$ | .2481 | 35.73 | 5 | 1.4180 | 204.19 |
| 1 | .2836 | 40.84 | $5\frac{1}{2}$ | 1.5598 | 224.61 |
| $1\frac{1}{8}$ | .3191 | 45.94 | 6 | 1.7016 | 245.03 |
| $1\frac{1}{4}$ | .3545 | 51.05 | $6\frac{1}{2}$ | 1.8434 | 265.45 |
| $1\frac{3}{8}$ | .3900 | 56.16 | 7 | 1.9852 | 285.87 |
| $1\frac{1}{2}$ | .4254 | 61.26 | $7\frac{1}{2}$ | 2.1270 | 306.29 |
| $1\frac{5}{8}$ | .4609 | 66.36 | 8 | 2.2688 | 326.71 |
| $1\frac{3}{4}$ | .4963 | 71.47 | $8\frac{1}{2}$ | 2.4106 | 347.13 |
| $1\frac{7}{8}$ | .5318 | 76.57 | 9 | 2.5524 | 367.55 |
| 2 | .5672 | 81.68 | 10 | 2.8360 | 408.38 |
| $2\frac{1}{8}$ | .6027 | 86.78 | 12 | 3.4032 | 490.06 |

FLOOR PLATES

| | Wt. Per Sq. Inch | Wt. Per Sq. Foot | | Wt. Per Sq. Inch | Wt. Per Sq. Foot |
|----------------|---------------------|---------------------|----------------|---------------------|---------------------|
| 16 ga. | .0208 | 3.00 | $\frac{1}{4}$ | .0782 | 11.26 |
| 14 ga. | .0260 | 3.75 | $\frac{5}{16}$ | .0959 | 13.81 |
| 12 ga. | .0365 | 5.25 | $\frac{3}{8}$ | .1137 | 16.37 |
| $\frac{1}{8}$ | .0427 | 6.15 | $\frac{1}{2}$ | .1491 | 21.47 |
| $\frac{3}{16}$ | .0605 | 8.71 | $\frac{3}{4}$ | .2200 | 31.68 |

EST WT LBS



PLATES

Weight Per Sheet - Most Common Sizes
Also available in Galvanized



| SIZE | 3/16 | 1/4 | 5/16 | 3/8 |
|----------|--------|---------|---------|---------|
| 48 x 96 | 245.12 | 326.72 | 408.32 | 489.92 |
| 48 x 120 | 306.40 | 408.40 | 510.40 | 612.40 |
| 48 x 144 | 367.68 | 490.08 | 612.48 | 734.88 |
| 48 x 240 | 612.80 | 816.80 | 1020.80 | 1224.80 |
| 60 x 96 | 306.40 | 408.40 | 510.40 | 612.40 |
| 60 x 120 | 383.00 | 510.50 | 638.00 | 765.50 |
| 60 x 144 | 459.60 | 612.60 | 765.60 | 918.60 |
| 60 x 240 | 766.00 | 1021.00 | 1276.00 | 1531.00 |
| 72 x 96 | 367.68 | 490.08 | 612.48 | 734.88 |
| 72 x 120 | 459.60 | 612.60 | 765.60 | 918.60 |
| 72 x 144 | 551.52 | 735.12 | 918.72 | 1102.32 |
| 72 x 240 | 919.20 | 1225.20 | 1531.20 | 1837.20 |

| SIZE | 1/2 | 5/8 | 3/4 | 7/8 | 1" |
|----------|---------|---------|---------|---------|---------|
| 48 x 96 | 653.44 | 816.64 | 980.16 | 1143.36 | 1306.88 |
| 48 x 120 | 816.80 | 1020.80 | 1225.20 | 1429.20 | 1633.60 |
| 48 x 144 | 918.16 | 1224.96 | 1470.24 | 1715.04 | 1960.32 |
| 48 x 240 | 1633.60 | 2041.60 | 2450.40 | 2858.40 | 3267.20 |
| 60 x 96 | 816.80 | 1020.80 | 1225.20 | 1429.20 | 1633.60 |
| 60 x 120 | 1021.00 | 1276.00 | 1531.50 | 1786.50 | 2042.00 |
| 60 x 144 | 1225.20 | 1531.20 | 1837.80 | 2143.80 | 2450.40 |
| 60 x 240 | 2042.00 | 2552.00 | 3063.00 | 3573.00 | 4084.00 |
| 72 x 96 | 980.16 | 1224.96 | 1470.24 | 1715.04 | 1960.32 |
| 72 x 120 | 1225.20 | 1531.20 | 1837.80 | 2143.80 | 2450.40 |
| 72 x 144 | 1470.24 | 1837.44 | 2205.36 | 2572.56 | 2940.48 |
| 72 x 240 | 2450.40 | 3062.40 | 3675.60 | 4287.60 | 4900.80 |



SHEETS



Sheets

Hot Rolled, Cold Rolled and Galvanized

| Sheet Size in Inches | ga. in Inches | Galv. ga. in Inches | Sheet Size in inches | ga. in Inches | Galv. ga. in Inches |
|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|
| | Lbs. / Sq. Ft. | Lbs. / Sq. Ft. | | Lbs. / Sq. Ft. | Lbs. / Sq. Ft. |
| Wt. per Sheet | | | Wt. per Sheet | | |
| 7 ga | <u>.1793</u> | | 11 ga | <u>.1196</u> | <u>.1233</u> |
| | 7.5 | | | 5.0 | 5.156 |
| 48 x 96 | 240.00 | — | 48 x 96 | 160.00 | 164.99 |
| 48 x 120 | 300.00 | — | 48 x 120 | 200.00 | 206.24 |
| 48 x 144 | 360.00 | — | 48 x 144 | 240.00 | 247.49 |
| 48 x 240 | 600.00 | — | 60 x 96 | 200.00 | 206.24 |
| 60 x 96 | 300.00 | — | 60 x 120 | 250.00 | 257.80 |
| 60 x 120 | 375.00 | — | 60 x 144 | 300.00 | 309.36 |
| 60 x 144 | 450.00 | — | 60 x 240 | 500.00 | 515.60 |
| 60 x 240 | 750.00 | — | 72 x 96 | 240.00 | — |
| 72 x 96 | 360.00 | — | 72 x 120 | 300.00 | — |
| 72 x 120 | 450.00 | — | 72 x 144 | 360.00 | — |
| 72 x 144 | 540.00 | — | 72 x 240 | 600.00 | — |
| 72 x 240 | 900.00 | — | | | |
| 8 ga | <u>.1644</u> | | 12 ga | <u>.1046</u> | <u>.1084</u> |
| | 6.875 | | | 4.375 | 4.531 |
| 48 x 96 | 220.00 | — | 48 x 96 | 140.00 | 144.99 |
| 48 x 120 | 275.00 | — | 48 x 120 | 175.00 | 181.24 |
| 48 x 144 | 330.00 | — | 48 x 144 | 210.00 | 217.49 |
| 48 x 240 | 550.00 | — | 60 x 96 | 175.00 | 181.24 |
| 60 x 96 | 275.00 | — | 60 x 120 | 218.75 | 226.55 |
| 60 x 120 | 343.75 | — | 60 x 144 | 262.50 | 271.86 |
| 60 x 144 | 412.50 | — | 60 x 240 | 437.50 | 453.10 |
| 60 x 240 | 687.50 | — | 72 x 96 | 210.00 | — |
| 72 x 96 | 330.00 | — | 72 x 120 | 262.50 | — |
| 72 x 120 | 412.50 | — | 72 x 144 | 315.00 | — |
| 72 x 144 | 495.00 | — | 72 x 240 | 525.00 | — |
| 72 x 240 | 825.00 | — | | | |
| 10 ga | <u>.1345</u> | <u>.1382</u> | 14 ga | <u>.0747</u> | <u>.0785</u> |
| | 5.625 | 5.781 | | 3.125 | 3.281 |
| 48 x 96 | 180.00 | 184.99 | 48 x 96 | 100.00 | 104.99 |
| 48 x 120 | 225.00 | 231.24 | 48 x 120 | 125.00 | 131.24 |
| 48 x 144 | 270.00 | 277.48 | 48 x 144 | 150.00 | 157.49 |
| 48 x 240 | 450.00 | 462.48 | 60 x 96 | 125.00 | 131.24 |
| 60 x 96 | 225.00 | 231.24 | 60 x 120 | 156.25 | 164.05 |
| 60 x 120 | 281.25 | 289.05 | 60 x 144 | 187.50 | 196.86 |
| 60 x 144 | 337.50 | 346.86 | 72 x 96 | 150.00 | — |
| 60 x 240 | 562.50 | 578.10 | 72 x 120 | 187.50 | — |
| 72 x 96 | 270.00 | — | 72 x 144 | 225.00 | — |
| 72 x 120 | 337.50 | — | | | |
| 72 x 144 | 405.00 | — | | | |
| 72 x 240 | 675.00 | — | | | |

SHEETS

Sheets

Hot Rolled, Cold Rolled and Galvanized



| Sheet Size in Inches | ga. in Inches | Galv. ga. in Inches | Sheet Size in Inches | ga. in Inches | Galv. ga. in Inches |
|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|
| | Lbs. / Sq. Ft. | Lbs. / Sq. Ft. | | Lbs. / Sq. Ft. | Lbs. / Sq. Ft. |
| Wt. per Sheet | | | Wt. per Sheet | | |
| 16 ga | <u>.0598</u> | <u>.0635</u> | 22 ga | <u>.0299</u> | <u>.0336</u> |
| | 2.5 | 2.656 | | 1.25 | 1.406 |
| 48 x 96 | 80.00 | 84.99 | 36 x 96 | 30.00 | 33.74 |
| 48 x 120 | 100.00 | 106.24 | 36 x 120 | 37.50 | 42.18 |
| 48 x 144 | 120.00 | 127.49 | 36 x 144 | 45.00 | 50.61 |
| 60 x 96 | 100.00 | 106.24 | 48 x 96 | 40.00 | 44.99 |
| 60 x 120 | 125.00 | 132.80 | 48 x 120 | 50.00 | 56.24 |
| 60 x 144 | 150.00 | 159.36 | 48 x 144 | 60.00 | 67.48 |
| 18 ga | <u>.0478</u> | <u>.0516</u> | 24 ga | <u>.0239</u> | <u>.0276</u> |
| | 2.0 | 2.156 | | 1.00 | 1.156 |
| 36 x 96 | 48.00 | 51.74 | 36 x 96 | 24.00 | 27.74 |
| 36 x 120 | 60.00 | 64.68 | 36 x 120 | 30.00 | 34.68 |
| 36 x 144 | 72.00 | 77.62 | 48 x 96 | 32.00 | 36.99 |
| 48 x 96 | 64.00 | 68.99 | 48 x 120 | 40.00 | 46.24 |
| 48 x 120 | 80.00 | 86.24 | | | |
| 48 x 144 | 96.00 | 103.49 | 26 ga | <u>.0179</u> | <u>.0217</u> |
| 60 x 96 | 80.00 | — | | .750 | .906 |
| 60 x 120 | 100.00 | — | 36 x 96 | 18.00 | 21.74 |
| 60 x 144 | 120.00 | — | 36 x 120 | 22.50 | 27.18 |
| 20 ga | <u>.0359</u> | <u>.0396</u> | 28 ga | <u>.0149</u> | <u>.0187</u> |
| | 1.5 | 1.656 | | .625 | .781 |
| 36 x 96 | 36.00 | 39.74 | 36 x 96 | 15.00 | 18.74 |
| 36 x 120 | 45.00 | 49.68 | 36 x 120 | 18.75 | 23.43 |
| 36 x 144 | 54.00 | 59.62 | | | |
| 48 x 96 | 48.00 | 52.99 | | | |
| 48 x 120 | 60.00 | 66.24 | | | |
| 48 x 144 | 72.00 | 79.49 | | | |

A.J. ANICH LUMBER Company
PAL STEEL CO.

INTERSTATE ALUMINUM CO.

414 S. THIRD STREET P.O. BOX 160 PALMYRA, WI 53156

TEL. (262) 495-4453 FAX. (262) 495-4100

TUBING



Square Tubing

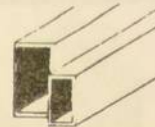
Also available in Galvanized

| Size | Ga. | Thickness | Lbs./Ft. | Size | Ga. | Thickness | Lbs./Ft. |
|-----------------|------|-----------|----------|-----------|------|-----------|----------|
| 1/2" x 1/2" | 16 | .065 | .384 | 4" x 4" | 14 | .083 | 4.42 |
| 3/4" x 3/4" | 16 | .065 | .605 | | 11 | .120 | 6.46 |
| 1" x 1" | 16 | .065 | .827 | | 3/16 | .188 | 9.42 |
| | 15 | .072 | .909 | | 1/4 | .250 | 12.21 |
| | 14 | .083 | 1.035 | | 5/16 | .312 | 14.83 |
| | 12 | .109 | 1.320 | | 3/8 | .375 | 17.27 |
| 1 1/4" x 1 1/4" | 11 | .120 | 1.436 | | 1/2 | .500 | 21.63 |
| | 16 | .065 | 1.047 | 5" x 5" | 3/16 | .188 | 11.97 |
| | 14 | .083 | 1.317 | | 1/4 | .250 | 15.62 |
| | 12 | .109 | 1.691 | | 5/16 | .312 | 19.08 |
| | 11 | .120 | 1.844 | | 3/8 | .375 | 22.37 |
| 1 1/2" x 1 1/2" | 10 | .1345 | 2.030 | | 1/2 | .500 | 28.43 |
| | 3/16 | .188 | 2.400 | 6" x 6" | 3/16 | .188 | 14.53 |
| | 16 | .065 | 1.268 | | 1/4 | .250 | 19.02 |
| | 14 | .083 | 1.599 | | 5/16 | .312 | 23.34 |
| | 12 | .109 | 2.062 | | 3/8 | .375 | 27.48 |
| | 11 | .120 | 2.252 | | 1/2 | .500 | 35.24 |
| 2" x 2" | 10 | .145 | 2.330 | 7" x 7" | 3/16 | .188 | 17.08 |
| | 3/16 | .188 | 3.040 | | 1/4 | .250 | 22.42 |
| | 1/4 | .250 | 3.700 | | 5/16 | .312 | 27.59 |
| | 16 | .065 | 1.710 | | 3/8 | .375 | 32.58 |
| | 14 | .083 | 2.164 | | 1/2 | .500 | 42.05 |
| 2 1/2" x 2 1/2" | 12 | .109 | 2.802 | 8" x 8" | 3/16 | .188 | 19.63 |
| | 11 | .120 | 3.05 | | 1/4 | .250 | 25.82 |
| | 3/16 | .188 | 4.32 | | 5/16 | .312 | 31.84 |
| | 1/4 | .250 | 5.41 | | 3/8 | .375 | 37.69 |
| | 14 | .083 | 2.73 | | 1/2 | .550 | 48.85 |
| 3" x 3" | 11 | .120 | 3.90 | | 3/8 | .625 | 59.32 |
| | 3/16 | .188 | 5.59 | 10" x 10" | 3/16 | .188 | 24.73 |
| | 1/4 | .250 | 7.11 | | 1/4 | .250 | 32.63 |
| | 14 | .083 | 3.29 | | 5/16 | .312 | 40.35 |
| | 11 | .120 | 4.75 | | 3/8 | .375 | 47.90 |
| | 3/16 | .188 | 6.87 | | 1/2 | .500 | 62.46 |
| 3 1/2" x 3 1/2" | 1/4 | .250 | 8.81 | | 5/8 | .625 | 76.37 |
| | 3/16 | .312 | 11.08 | 12" x 12" | 1/4 | .250 | 39.43 |
| | 3/8 | .375 | 12.17 | | 5/16 | .312 | 48.86 |
| | 11 | .120 | 5.61 | | 3/8 | .375 | 58.10 |
| | 3/16 | .188 | 8.15 | | 1/2 | .500 | 76.07 |
| | 1/4 | .250 | 10.51 | | | | |
| | 3/8 | .312 | 12.70 | | | | |

Larger Sizes available — please Inquire.

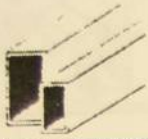
TUBING

Rectangular Tubing Also available in Galvanized



| Size | Ga. | Thickness | Lbs./Ft. | Size | Ga. | Thickness | Lbs./Ft. |
|---------|---------|-----------|----------|-------|-------|-----------|----------|
| 1½ x 1 | 16 | .065 | 1.047 | 5 x 3 | 11 | .120 | 6.46 |
| | 14 | .083 | 1.317 | | ⅜ | .188 | 9.42 |
| | 11 | .120 | 1.844 | | ¼ | .250 | 12.21 |
| 2 x 1 | 16 | .065 | 1.268 | | ⅜ | .312 | 14.83 |
| | 14 | .083 | 1.599 | | ⅝ | .375 | 17.27 |
| | 11 | .120 | 2.252 | ½ | .500 | 21.63 | |
| 2 x 1¼ | 11 | .120 | 1.741 | 5 x 4 | ⅜ | .188 | 10.70 |
| | 11 | .120 | 2.66 | | ¼ | .250 | 13.91 |
| | 2½ x 1½ | 14 | .083 | 2.164 | 6 x 2 | 11 | .120 |
| 11 | | .120 | 3.05 | ⅜ | | .188 | 9.42 |
| ⅜ | | .188 | 4.32 | ¼ | | .250 | 12.21 |
| ¼ | | .250 | 5.41 | ⅜ | | .312 | 14.83 |
| 3 x 1 | 16 | .065 | 1.71 | ⅝ | .375 | 17.27 | |
| | 14 | .083 | 2.164 | 6 x 3 | ⅜ | .188 | 10.70 |
| | 11 | .120 | 3.05 | | ¼ | .250 | 13.91 |
| 3 x 1½ | 14 | .083 | 2.45 | | ⅜ | .312 | 16.96 |
| | 11 | .120 | 3.48 | | ⅝ | .375 | 19.82 |
| | ⅜ | .188 | 4.96 | ½ | .500 | 25.03 | |
| 3½ x 1½ | 14 | .083 | 2.73 | 6 x 4 | ⅜ | .188 | 11.97 |
| | 3 x 2 | 14 | .083 | | 2.73 | ¼ | .250 |
| 11 | | .120 | 3.90 | | ⅜ | .312 | 19.08 |
| ⅜ | | .188 | 5.59 | | ⅝ | .375 | 22.37 |
| ¼ | | .250 | 7.11 | ½ | .500 | 28.43 | |
| 4 x 2 | ⅜ | .312 | 8.45 | 7 x 5 | ⅜ | .188 | 14.53 |
| | 14 | .083 | 3.29 | | ¼ | .250 | 19.02 |
| | 11 | .120 | 4.75 | | ⅜ | .312 | 23.34 |
| | ⅜ | .188 | 6.87 | | ⅝ | .375 | 27.48 |
| 4 x 3 | ¼ | .250 | 8.81 | ½ | .500 | 35.24 | |
| | ⅜ | .312 | 10.58 | 8 x 2 | ⅜ | .188 | 11.97 |
| | ⅝ | .375 | 12.17 | | ¼ | .250 | 15.62 |
| | 5 x 2 | 14 | .083 | | 3.86 | ⅜ | .375 |
| 11 | | .120 | 5.61 | | 8 x 3 | ⅜ | .188 |
| ⅜ | | .188 | 8.15 | ¼ | | .250 | 17.32 |
| ¼ | | .250 | 10.51 | ⅜ | | .312 | 21.21 |
| ⅝ | .375 | 14.72 | ⅝ | .375 | | 24.93 | |
| 5 x 3 | 11 | .120 | 5.61 | ½ | .500 | 31.84 | |
| | ⅜ | .188 | 8.15 | 8 x 4 | ⅜ | .188 | 14.53 |
| | ¼ | .250 | 10.51 | | ¼ | .250 | 19.02 |
| | 5 x 4 | 11 | .120 | | 6.46 | ⅜ | .312 |
| ⅜ | | .188 | 9.42 | | ⅝ | .375 | 27.48 |
| ½ | | .500 | 21.63 | ½ | .500 | 35.24 | |

TUBING



Rectangular Tubing Also available in Galvanized

| Size | Ga. | Thickness | Lbs./Ft. | Size | Ga. | Thickness | Lbs./Ft. | |
|--------|------|-----------|----------|--------|--------|-----------|----------|-------|
| 8 x 6 | 3/16 | .188 | 17.08 | 12 x 2 | 3/16 | .188 | 17.08 | |
| | 1/4 | .250 | 22.42 | | 1/4 | .250 | 22.42 | |
| | 5/16 | .312 | 27.59 | | 5/8 | .375 | 32.58 | |
| | 3/8 | .375 | 32.58 | 12 x 4 | 3/16 | .188 | 19.63 | |
| | 1/2 | .500 | 42.05 | | 1/4 | .250 | 25.82 | |
| 10 x 2 | 3/16 | .188 | 14.53 | | 5/16 | .312 | 31.84 | |
| | 1/4 | .250 | 19.02 | | 3/8 | .375 | 37.69 | |
| 10 x 4 | 1/4 | .250 | 22.42 | 1/2 | .500 | 48.85 | | |
| | | 5/16 | .312 | 27.59 | 12 x 6 | 3/16 | .188 | 22.18 |
| | | 3/8 | .375 | 32.58 | | 1/4 | .250 | 29.23 |
| | | 1/2 | .500 | 42.05 | | 5/16 | .312 | 36.10 |
| 10 x 6 | 3/16 | .188 | 19.63 | 3/8 | | .375 | 42.79 | |
| | 1/4 | .250 | 25.82 | 1/2 | .500 | 55.66 | | |
| | 5/16 | .312 | 31.84 | | | | | |
| | 3/8 | .375 | 37.69 | | | | | |
| 10 x 8 | 3/16 | .188 | 22.18 | | | | | |
| | 1/4 | .250 | 29.29 | | | | | |
| | 5/16 | .312 | 36.38 | | | | | |
| | 3/8 | .375 | 42.79 | | | | | |
| | 1/2 | .500 | 55.66 | | | | | |

Other sizes are available.
Please inquire.

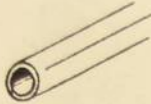


SURPLUS MATERIAL SPECIALISTS

In addition to our large inventory of new steel, aluminum, and stainless steel, Pal Steel also maintains a fully stocked surplus yard. Over twelve acres of surplus and used material is available at prices far less than prime products.



PIPE



Pipe Dimensions and Weights

Also available in Galvanized

| Normal Pipe Size Inches | Outside Dia. Inches | I.P.S. Schedule | Wall Thickness Inches | Inside Dia. Inches | Wt./Ft. Pounds |
|-------------------------|---------------------|-----------------|-----------------------|--------------------|----------------|
| 1/8 | .405 | 10S | .049 | .307 | .1863 |
| | | 40 40S Std. | .068 | .269 | .2447 |
| | | 80 80S Ex. Hvy. | .095 | .215 | .3145 |
| 1/4 | .540 | 10S | .065 | .410 | .3297 |
| | | 40 40S Std. | .088 | .364 | .4248 |
| | | 80 80S Ex. Hvy. | .119 | .302 | .5351 |
| 3/8 | .675 | 10S | .065 | .545 | .4235 |
| | | 40 40S Std. | .091 | .493 | .5676 |
| | | 80 80S Ex. Hvy. | .126 | .423 | .7388 |
| 1/2 | .840 | 5S | .065 | .710 | .5383 |
| | | 10S | .083 | .674 | .6710 |
| | | 40 40S Std. | .109 | .622 | .8510 |
| | | 80 80S Ex. Hvy. | .147 | .546 | 1.088 |
| | | 160 | .187 | .466 | 1.304 |
| | | XX Hvy. | .294 | .252 | 1.714 |
| 3/4 | 1.050 | 5S | .065 | .920 | .6838 |
| | | 10S | .083 | .884 | .8572 |
| | | 40 40S Std. | .113 | .824 | 1.131 |
| | | 80 80S Ex. Hvy. | .154 | .742 | 1.474 |
| | | 160 | .218 | .614 | 1.937 |
| | | XX Hvy. | .308 | .434 | 2.441 |
| 1 | 1.315 | 5S | .065 | 1.185 | .8678 |
| | | 10S | .109 | 1.097 | 1.404 |
| | | 40 40S Std. | .133 | 1.049 | 1.679 |
| | | 80 80S Ex. Hvy. | .179 | .957 | 2.172 |
| | | 160 | .250 | .815 | 2.844 |
| | | XX Hvy. | .358 | .599 | 3.659 |
| 1 1/4 | 1.660 | 5S | .065 | 1.530 | 1.107 |
| | | 10S | .109 | 1.442 | 1.806 |
| | | 40 40S Std. | .140 | 1.380 | 2.273 |
| | | 80 80S Ex. Hvy. | .191 | 1.278 | 2.997 |
| | | 160 | .250 | 1.160 | 3.765 |
| | | XX Hvy. | .382 | .896 | 5.214 |
| 1 1/2 | 1.900 | 5S | .065 | 1.770 | 1.274 |
| | | 10S | .109 | 1.682 | 2.085 |
| | | 40 40S Std. | .145 | 1.610 | 2.718 |
| | | 80 80S Ex. Hvy. | .200 | 1.500 | 3.631 |
| | | 160 | .281 | 1.338 | 4.859 |
| | | XX Hvy. | .400 | 1.100 | 6.408 |

PIPE

Pipe Dimensions and Weights

Also available in Galvanized



| Normal Pipe Size Inches | Outside Dia. Inches | I.P.S. Schedule | Wall Thickness Inches | Inside Dia. Inches | Wt./Ft. Pounds |
|-------------------------|---------------------|-----------------|-----------------------|--------------------|----------------|
| 2 | 2.375 | 5S | .065 | 2.245 | 1.604 |
| | | 10S | .109 | 2.157 | 2.638 |
| | | 40 40S Std. | .154 | 2.067 | 3.653 |
| | | 80 80S Ex. Hvy. | .218 | 1.939 | 5.022 |
| | | 160 | .343 | 1.689 | 7.444 |
| | | XX Hvy. | .436 | 1.503 | 9.029 |
| 2½ | 2.875 | 5S | .083 | 2.709 | 2.475 |
| | | 10S | .120 | 2.635 | 3.531 |
| | | 40 40S Std. | .203 | 2.469 | 5.793 |
| | | 80 80S Ex. Hvy. | .276 | 2.323 | 7.661 |
| | | 160 | .375 | 2.125 | 10.01 |
| | | XX Hvy. | .552 | 1.771 | 13.69 |
| 3 | 3.500 | 5S | .083 | 3.334 | 3.029 |
| | | 10S | .120 | 3.260 | 4.332 |
| | | 40 40S Std. | .216 | 3.068 | 7.576 |
| | | 80 80S Ex. Hvy. | .300 | 2.900 | 10.25 |
| | | 160 | .438 | 2.624 | 14.32 |
| | | XX Hvy. | .600 | 2.300 | 18.58 |
| 3½ | 4.000 | 5S | .083 | 3.834 | 3.472 |
| | | 10S | .120 | 3.760 | 4.973 |
| | | 40 40S Std. | .226 | 3.548 | 9.109 |
| | | 80 80S Ex. Hvy. | .318 | 3.364 | 12.50 |
| 4 | 4.500 | 5S | .083 | 4.334 | 3.915 |
| | | 10S | .120 | 4.260 | 5.613 |
| | | 40 40S Std. | .237 | 4.026 | 10.79 |
| | | 80 80S Ex. Hvy. | .337 | 3.826 | 14.89 |
| | | 120 | .438 | 3.624 | 19.00 |
| | | 160 | .531 | 3.438 | 22.51 |
| | | XX Hvy. | .674 | 3.152 | 27.54 |
| 5 | 5.563 | 5S | .109 | 5.345 | 6.349 |
| | | 10S | .134 | 5.295 | 7.770 |
| | | 40 40S Std. | .258 | 5.047 | 14.62 |
| | | 80 80S Ex. Hvy. | .375 | 4.813 | 20.78 |
| | | 120 | .500 | 4.563 | 27.04 |
| | | 160 | .625 | 4.313 | 32.96 |
| | | XX Hvy. | .750 | 4.063 | 38.55 |

PIPE



Pipe Dimensions and Weights

Also available in Galvanized

| Normal Pipe Size Inches | Outside Dia. Inches | I.P.S. Schedule | Wall Thickness Inches | Inside Dia. Inches | Wt./Ft. Pounds | | |
|-------------------------|---------------------|-----------------|-----------------------|--------------------|----------------|-------|-------|
| 6 | 6.625 | 5S | .109 | 6.407 | 7.585 | | |
| | | 10S | .134 | 6.357 | 9.289 | | |
| | | 40 40S Std. | .280 | 6.056 | 18.97 | | |
| | | 80 80S Ex. Hvy. | .432 | 5.761 | 28.57 | | |
| | | 120 | .562 | 5.491 | 36.39 | | |
| | | 160 | .718 | 5.189 | 45.30 | | |
| | | XX Hvy. | .864 | 4.897 | 53.16 | | |
| 8 | 8.625 | 5S | .109 | 8.407 | 9.914 | | |
| | | 10S | .148 | 8.329 | 13.40 | | |
| | | 20 | .250 | 8.125 | 22.36 | | |
| | | 30 | .277 | 8.071 | 24.70 | | |
| | | 40 40S Std. | .322 | 7.981 | 28.55 | | |
| | | 60 | .406 | 7.813 | 35.64 | | |
| | | 80 80S Ex. Hvy. | .500 | 7.625 | 43.39 | | |
| | | 100 | .593 | 7.439 | 50.89 | | |
| | | 120 | .718 | 7.189 | 60.93 | | |
| | | 140 | .812 | 7.001 | 67.76 | | |
| | | 160 | .875 | 6.875 | 72.42 | | |
| 10 | 10.750 | 5S | .134 | 10.482 | 15.19 | | |
| | | 10S | .165 | 10.420 | 18.70 | | |
| | | 20 | .250 | 10.250 | 28.04 | | |
| | | 30 | .307 | 10.136 | 34.24 | | |
| | | 40 40S Std. | .365 | 10.020 | 40.48 | | |
| | | 60 80S Ex. Hvy. | .500 | 9.750 | 54.74 | | |
| | | 80 | .593 | 9.564 | 64.33 | | |
| | | 100 | .718 | 9.224 | 76.93 | | |
| | | 120 | .843 | 9.064 | 89.20 | | |
| | | 10 | 10.750 | 140 | 1.000 | 8.750 | 104.1 |
| | | | | 160 | 1.125 | 8.500 | 115.7 |
| 12 | 12.750 | 5S | .165 | 12.420 | 22.18 | | |
| | | 10S | .180 | 12.390 | 24.20 | | |
| | | 20 | .250 | 12.250 | 33.38 | | |
| | | 30 | .330 | 12.090 | 43.77 | | |
| | | 40S Std. | .375 | 12.000 | 49.56 | | |
| | | 40 | .406 | 11.938 | 53.53 | | |
| | | 80S Ex. Hvy. | .500 | 11.750 | 65.42 | | |

PIPE

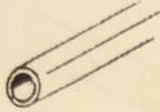
Pipe Dimensions and Weights

Also available in Galvanized



| Normal Pipe Size Inches | Outside Dia. Inches | I.P.S. Schedule | Wall Thickness Inches | Inside Dia. Inches | Wt./Ft. Pounds | | |
|-------------------------|---------------------|-----------------|-----------------------|--------------------|----------------|--------|-------|
| | | 60 | .562 | 11.626 | 73.16 | | |
| | | 80 | .687 | 11.376 | 88.51 | | |
| | | 100 | .843 | 11.064 | 107.2 | | |
| | | 120 | 1.000 | 10.750 | 125.5 | | |
| | | 140 | 1.125 | 10.500 | 139.7 | | |
| | | 160 | 1.312 | 10.126 | 160.3 | | |
| 14 | 14.000 | 10 | .250 | 13.500 | 36.71 | | |
| | | 20 | .312 | 13.376 | 45.68 | | |
| | | 30 | Std. | .375 | 13.250 | 54.57 | |
| | | 40 | | .438 | 13.124 | 63.37 | |
| | | | Ex. Hvy. | .500 | 13.000 | 72.09 | |
| | | 60 | | .593 | 12.814 | 84.91 | |
| | | 80 | | .750 | 12.500 | 106.1 | |
| | | 100 | | .937 | 12.126 | 130.7 | |
| | | 120 | | 1.093 | 11.814 | 150.7 | |
| | | 140 | | 1.250 | 11.500 | 170.2 | |
| | | 160 | | 1.406 | 11.188 | 189.1 | |
| | | 16 | 16.000 | 10 | .250 | 15.500 | 42.05 |
| 20 | .312 | | | 15.376 | 52.36 | | |
| 30 | Std. | | | .375 | 15.250 | 62.58 | |
| 40 | Ex. Hvy. | | | .500 | 15.000 | 82.77 | |
| 60 | | | | .656 | 14.688 | 107.5 | |
| 80 | | | | .843 | 14.314 | 136.5 | |
| 100 | | | | 1.031 | 13.938 | 164.8 | |
| 120 | | | | 1.218 | 13.564 | 192.3 | |
| 140 | | | | 1.438 | 13.124 | 223.5 | |
| 160 | | | | 1.593 | 12.814 | 245.1 | |
| 18 | 18.000 | | | 10 | .250 | 17.500 | 47.39 |
| | | | | 20 | .312 | 17.376 | 59.03 |
| | | 30 | Std. | .375 | 17.250 | 70.59 | |
| | | 40 | Ex. Hvy. | .438 | 17.124 | 82.06 | |
| | | | | .500 | 17.000 | 93.45 | |
| | | 60 | | .562 | 16.876 | 104.8 | |
| | | 80 | | .750 | 16.500 | 138.2 | |
| | | 100 | | .937 | 16.126 | 170.8 | |
| | | 120 | | 1.156 | 15.688 | 208.0 | |
| | | 140 | | 1.375 | 15.250 | 244.1 | |
| | | 160 | | 1.562 | 14.876 | 274.2 | |
| | | | | 1.781 | 14.438 | 308.5 | |

PIPE



Pipe Dimensions and Weights

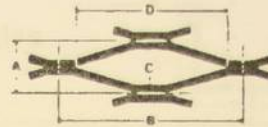
Also available in Galvanized

| Normal Pipe Size Inches | Outside Dia. Inches | I.P.S. Schedule | Wall Thickness Inches | Inside Dia. Inches | Wt./Ft. Pounds | |
|-------------------------|---------------------|-----------------|-----------------------|--------------------|----------------|-------|
| 20 | 20.000 | 10 | .250 | 19.500 | 52.73 | |
| | | 20 | Std. | .375 | 19.250 | 78.60 |
| | | 30 | Ex. Hvy. | .500 | 19.000 | 104.1 |
| | | 40 | | .593 | 18.814 | 122.9 |
| | | 60 | | .812 | 18.376 | 166.4 |
| | | 80 | | 1.031 | 17.938 | 208.9 |
| | | 100 | | 1.281 | 17.438 | 256.1 |
| | | 120 | | 1.500 | 17.000 | 296.4 |
| | | 140 | | 1.750 | 16.500 | 341.1 |
| | | 160 | 1.968 | 16.064 | 379.0 | |
| 24 | 24.000 | 10 | .250 | 23.500 | 63.41 | |
| | | 20 | Std. | .375 | 23.250 | 94.62 |
| | | | Ex. Hvy. | .500 | 23.000 | 125.5 |
| | | 30 | | .562 | 22.876 | 140.8 |
| | | 40 | | .687 | 22.626 | 171.2 |
| | | 60 | | .968 | 22.064 | 238.1 |
| | | 80 | | 1.218 | 21.564 | 295.4 |
| | | 100 | | 1.531 | 20.938 | 367.4 |
| | | 120 | | 1.812 | 20.376 | 429.4 |
| | | 140 | 2.062 | 19.876 | 483.1 | |
| | | 160 | 2.343 | 19.314 | 541.9 | |
| 30 | 30.000 | 10 | .312 | 29.376 | 98.9 | |
| | | | Std. | .375 | 29.250 | 118.7 |
| | | 20 | Ex. Hvy. | .500 | 29.000 | 157.5 |
| | | 30 | | .625 | 28.750 | 196.1 |
| 36 | 36.000 | | Std. | .375 | 35.250 | 142.7 |
| | | | Ex. Hvy. | .500 | 35.000 | 189.6 |
| 38 | 38.000 | | .312 | | 125.58 | |
| | | | .375 | | 150.69 | |
| | | | .500 | | 200.25 | |
| 40 | 40.000 | | .312 | | 132.25 | |
| | | | .375 | | 158.70 | |
| | | | .500 | | 210.93 | |
| 42 | 42.000 | | .312 | | 138.91 | |
| | | | .375 | | 166.71 | |
| | | | .500 | | 221.61 | |

EXPANDED METAL

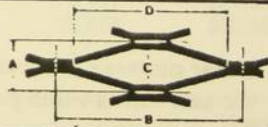
Standard Expanded Metal

Also available in
Aluminum, Stainless and Galvanized



| Size In Inches and Style No. | Weight in lbs. per Hundred Sq. Ft. | Center to Center of Bond In Inches | | Size of Openings In Inches | | Size of Strands In Inches | | Overall Thickness In Inches |
|---------------------------------|---------------------------------------|--|-------------|----------------------------------|-------------|---------------------------------|-----------|-----------------------------------|
| | | A Width | B Length | C Width | D Length | Width | Thickness | |
| 3/16"-No. 24 | 50 | .200 | .50 | .166 | .437 | .050 | .024 | .086 |
| 3/16"-No. 22 | 62 | .200 | .50 | .166 | .437 | .050 | .030 | .088 |
| 3/16"-No. 20 | 75 | .200 | .50 | .166 | .437 | .050 | .036 | .090 |
| 1/4"-No. 20 | 86 | .255 | 1.00 | .172 | .719 | .073 | .036 | .125 |
| 1/4"-No. 18 | 114 | .255 | 1.00 | .172 | .719 | .073 | .048 | .125 |
| 1/2"-No. 20 | 43 | .500 | 1.20 | .438 | .938 | .072 | .036 | .124 |
| 1/2"-No. 18 | 70 | .500 | 1.20 | .438 | .938 | .088 | .048 | .155 |
| 1/2"-No. 16 | 86 | .500 | 1.20 | .375 | .938 | .086 | .060 | .157 |
| 1/2"-No. 13 | 147 | .500 | 1.20 | .313 | .938 | .096 | .092 | .182 |
| 3/4"-No. 16 | 54 | .923 | 2.00 | .813 | 1.750 | .099 | .060 | .186 |
| 3/4"-No. 13 | 80 | .923 | 2.00 | .750 | 1.688 | .096 | .092 | .195 |
| 3/4"-No. 10 | 120 | .923 | 2.00 | .750 | 1.625 | .144 | .092 | .282 |
| 3/4"-No. 9 | 180 | .923 | 2.00 | .688 | 1.563 | .148 | .134 | .300 |
| 1" No. 16 | 44 | 1.090 | 2.40 | 1.000 | 2.063 | .096 | .060 | .182 |
| 1 1/2"-No. 18 | 20 | 1.330 | 3.00 | 1.313 | 2.625 | .067 | .048 | .140 |
| 1 1/2"-No. 16 | 40 | 1.330 | 3.00 | 1.250 | 2.625 | .107 | .060 | .211 |
| 1 1/2"-No. 13 | 60 | 1.330 | 3.00 | 1.188 | 2.500 | .104 | .092 | .215 |
| 1 1/2"-No. 10 | 79 | 1.330 | 3.00 | 1.188 | 2.500 | .137 | .092 | .289 |
| 1 1/2"-No. 9 | 120 | 1.330 | 3.00 | 1.125 | 2.375 | .142 | .134 | .295 |
| 1 1/2"-No. 6 | 250 | 1.330 | 3.00 | 1.000 | 2.313 | .201 | .198 | .425 |
| 2" No. 10 | 68 | 1.850 | 4.00 | 1.625 | 3.438 | .164 | .092 | .312 |
| 2" No. 9 | 90 | 1.850 | 4.00 | 1.563 | 3.375 | .149 | .134 | .325 |

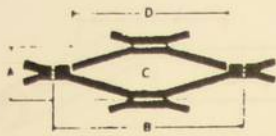
Flattened Expanded Metal



| Size In Inches and Style No. | Weight in lbs. per Hundred Sq. Ft. | Center to Center of Bond In Inches | | Size of Openings In Inches | | Size of Strands In Inches | | Overall Thickness In Inches |
|---------------------------------|---------------------------------------|--|-------------|----------------------------------|-------------|---------------------------------|-----------|-----------------------------------|
| | | A Width | B Length | C Width | D Length | Width | Thickness | |
| 3/16"-No. 24 | 48 | .200 | .52 | .085 | .459 | .057 | .019 | .019 |
| 3/16"-No. 22 | 60 | .200 | .52 | .085 | .459 | .057 | .024 | .024 |
| 3/16"-No. 20 | 72 | .200 | .52 | .085 | .459 | .057 | .029 | .029 |
| 1/4"-No. 20 | 83 | .255 | 1.03 | .094 | .688 | .086 | .030 | .030 |
| 1/4"-No. 18 | 111 | .255 | 1.03 | .094 | .688 | .086 | .040 | .040 |
| 1/2"-No. 20 | 40 | .500 | 1.26 | .375 | 1.000 | .070 | .029 | .029 |
| 1/2"-No. 18 | 66 | .500 | 1.26 | .281 | 1.000 | .109 | .039 | .039 |
| 1/2"-No. 16 | 82 | .500 | 1.26 | .250 | 1.000 | .103 | .050 | .050 |
| 1/2"-No. 13 | 140 | .500 | 1.26 | .250 | 1.000 | .122 | .070 | .070 |
| 3/4"-No. 16 | 51 | .923 | 2.10 | .750 | 1.750 | .115 | .048 | .048 |
| 3/4"-No. 14 | 63 | .923 | 2.12 | .688 | 1.813 | .119 | .061 | .061 |
| 3/4" No. 13 | 75 | .923 | 2.10 | .688 | 1.782 | .119 | .070 | .070 |
| 3/4"-No. 9 | 171 | .923 | 2.12 | .563 | 1.688 | .164 | .120 | .120 |
| 1"-No. 16 | 41 | 1.090 | 2.56 | .875 | 2.250 | .115 | .048 | .048 |
| 1 1/2"-No. 16 | 38 | 1.330 | 3.20 | 1.063 | 2.750 | .123 | .048 | .048 |
| 1 1/2"-No. 14 | 46 | 1.330 | 3.20 | 1.063 | 2.750 | .138 | .060 | .060 |
| 1 1/2"-No. 13 | 57 | 1.330 | 3.20 | 1.063 | 2.750 | .138 | .070 | .070 |
| 1 1/2"-No. 9 | 111 | 1.330 | 3.20 | 1.000 | 2.563 | .175 | .110 | .110 |

Standard sheet size is 4'x8'. Other sizes are available.

GRATING



Expanded Metal Grating

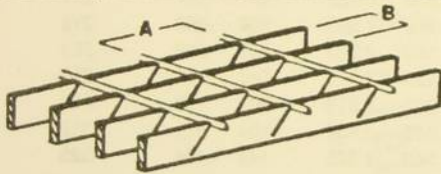
Also available in Aluminum, Stainless and Galvanized

| Style | Weight in lbs. Per c.s.f. | Center to Center of Bond In Inches | | Size of Openings In Inches | | Size of Strands In Inches | | Overall Thickness In Inches |
|---------|---------------------------|------------------------------------|-------|----------------------------|-------|---------------------------|-----------|-----------------------------|
| | | A | B | C | D | Width | Thickness | |
| 3 lb | 300 | 1.333 | 5.33 | .938 | 3.438 | .261 | .183 | .500 |
| 3 14 lb | 314 | 2.000 | 6.00 | 1.625 | 4.875 | .308 | .250 | .562 |
| 4 lb | 400 | 1.333 | 5.33 | .938 | 3.438 | .297 | .215 | .625 |
| 4.27 lb | 427 | 1.412 | 4.00 | 1.000 | 2.875 | .297 | .250 | .625 |
| 5 lb | 500 | 1.333 | 5.333 | .813 | 3.375 | .327 | .250 | .625 |
| 6.25 lb | 625 | 1.412 | 5.33 | .813 | 3.375 | .347 | .312 | .750 |
| 7 lb | 700 | 1.412 | 5.33 | .813 | 3.375 | .388 | .312 | .750 |

Standard Size Sheet is 4' x 8'.

Bar Grating

Available Smooth or Serrated.
Also available in Aluminum, Stainless and Galvanized



WELDED
Typical Dimensions
Inches

| A | B |
|---|-------|
| 4 | 1 1/8 |

Standard space pattern
(19W4)

Standard
Sheet Sizes

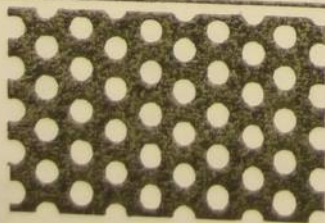
| |
|----------|
| 2' x 20' |
| 3' x 20' |
| 2' x 24' |
| 3' x 24' |

Other patterns are available.

We can furnish this product fabricated to your requirements.

| Bearing Bar Size | Weight per Sq. Ft. | Bearing Bar Size | Weight per Sq. Ft. | Bearing Bar Size | Weight per Sq. Ft. | Bearing Bar Size | Weight per Sq. Ft. |
|------------------|--------------------|-------------------|--------------------|------------------|--------------------|------------------|--------------------|
| 3/4 x 1/8 | 3.9 | 1 1/4 x 1/8 | 6.0 | 1 1/2 x 1/4 | 13.5 | 2 1/4 x 3/16 | 14.8 |
| 3/4 x 3/16 | 5.5 | 1 1/4 x 3/16 std. | 8.7 | 1 3/4 x 3/16 | 12.1 | 2 1/4 x 1/4 | 20.0 |
| 1 x 1/8 | 4.9 | 1 1/4 x 1/4 | 11.4 | 1 3/4 x 1/4 | 15.7 | 2 1/2 x 3/16 | 17.0 |
| 1 x 3/16 std. | 7.1 | 1 1/2 x 1/8 | 7.1 | 2 x 3/16 | 13.8 | 2 1/2 x 1/4 | 22.1 |
| 1 x 1/4 | 9.2 | 1 1/2 x 3/16 | 10.3 | 2 x 1/4 | 18.1 | | |

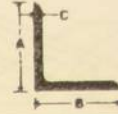
Perforated Metal



PAL STEEL stocks perforated metal - please call for information.

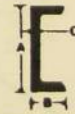
ALUMINUM

6061-T6 Aluminum Structural Angles 25 Foot Lengths



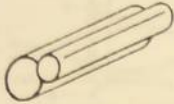
| Size in Inches A x B x C | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length | Size in Inches A x B x C | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|--------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|
| 3/4 x 3/4 x 1/8 | .201 | 5.03 | 2 1/2 x 2 1/2 x 5/16 | 1.729 | 43.23 |
| 1 x 1 x 1/8 | .275 | 6.88 | 2 1/2 x 2 1/2 x 3/8 | 2.047 | 51.18 |
| 1 x 1 x 3/16 | .400 | 10.00 | 3 x 3 x 3/16 | 1.275 | 31.88 |
| 1 x 1 x 1/4 | .514 | 12.85 | 3 x 3 x 1/4 | 1.684 | 42.10 |
| 1 1/4 x 1 1/4 x 1/8 | .343 | 8.58 | 3 x 3 x 5/16 | 2.082 | 52.05 |
| 1 1/4 x 1 1/4 x 3/16 | .510 | 12.75 | 3 x 3 x 3/8 | 2.474 | 61.85 |
| 1 1/4 x 1 1/4 x 1/4 | .656 | 16.40 | 3 x 3 x 1/2 | 3.227 | 80.68 |
| 1 1/2 x 1 1/2 x 1/8 | .423 | 10.58 | 3 1/2 x 3 1/2 x 1/4 | 1.989 | 49.73 |
| 1 1/2 x 1 1/2 x 3/16 | .619 | 15.48 | 3 1/2 x 3 1/2 x 5/16 | 2.461 | 61.53 |
| 1 1/2 x 1 1/2 x 1/4 | .809 | 20.23 | 3 1/2 x 3 1/2 x 3/8 | 2.926 | 73.15 |
| 1 1/2 x 1 1/2 x 3/8 | 1.176 | 29.40 | 3 1/2 x 3 1/2 x 1/2 | 3.626 | 95.65 |
| 1 3/4 x 1 3/4 x 1/8 | .497 | 12.43 | 4 x 4 x 1/4 | 2.283 | 57.08 |
| 1 3/4 x 1 3/4 x 3/16 | .731 | 18.28 | 4 x 4 x 5/16 | 2.829 | 70.73 |
| 1 3/4 x 1 3/4 x 1/4 | .956 | 23.90 | 4 x 4 x 3/8 | 3.366 | 84.15 |
| 1 3/4 x 1 3/4 x 5/16 | 1.171 | 29.28 | 4 x 4 x 1/2 | 4.414 | 110.35 |
| 1 3/4 x 1 3/4 x 3/8 | 1.378 | 34.45 | 4 x 4 x 5/8 | 5.425 | 135.63 |
| 2 x 2 x 1/8 | .577 | 14.43 | 5 x 5 x 3/8 | 4.237 | 105.93 |
| 2 x 2 x 3/16 | .850 | 21.25 | 5 x 5 x 1/2 | 5.578 | 139.45 |
| 2 x 2 x 1/4 | 1.110 | 27.75 | 6 x 6 x 3/8 | 5.119 | 127.98 |
| 2 x 2 x 5/16 | 1.364 | 34.10 | 6 x 6 x 1/2 | 6.754 | 168.85 |
| 2 x 2 x 3/8 | 1.606 | 40.15 | 6 x 6 x 5/8 | 8.352 | 208.80 |
| 2 1/2 x 2 1/2 x 1/8 | .724 | 18.10 | 8 x 8 x 1/2 | 9.141 | 228.53 |
| 2 1/2 x 2 1/2 x 3/16 | 1.070 | 26.75 | 8 x 8 x 3/4 | 13.478 | 336.95 |
| 2 1/2 x 2 1/2 x 1/4 | 1.404 | 35.10 | | | |

6061-T6 Aluminum Structural Channels AMERICAN STANDARD — 25 Foot Lengths



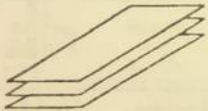
| Size in Inches A x B x C | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length | Size in Inches A x B x C | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|--------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------------|------------------------------|
| 3 x 1.410 x .170 | 1.417 | 35.43 | 7 x 2.194 x .314 | 4.232 | 105.80 |
| 3 x 1.498 x .258 | 1.729 | 43.23 | 8 x 2.290 x .250 | 4.252 | 106.30 |
| 3 x 1.596 x .356 | 2.074 | 51.85 | 8 x 2.343 x .303 | 4.751 | 118.78 |
| 4 x 1.580 x .180 | 1.846 | 46.15 | 8 x 2.435 x .395 | 5.617 | 140.43 |
| 4 x 1.647 x .247 | 2.161 | 54.03 | 8 x 2.527 x .487 | 6.484 | 162.10 |
| 4 x 1.720 x .320 | 2.504 | 62.60 | 9 x 2.430 x .230 | 4.604 | 115.10 |
| 5 x 1.750 x .190 | 2.316 | 57.90 | 9 x 2.648 x .448 | 6.911 | 172.78 |
| 5 x 1.885 x .325 | 3.108 | 77.70 | 10 x 2.600 x .240 | 5.278 | 131.95 |
| 5 x 2.032 x .472 | 3.975 | 99.38 | 10 x 2.739 x .379 | 6.915 | 172.88 |
| 6 x 1.920 x .200 | 2.826 | 70.65 | 10 x 2.886 x .526 | 8.641 | 216.03 |
| 6 x 1.945 x .225 | 3.002 | 75.05 | 12 x 2.960 x .300 | 7.411 | 185.28 |
| 6 x 2.034 x .314 | 3.631 | 90.78 | 12 x 3.047 x .387 | 8.639 | 215.98 |
| 6 x 2.157 x .437 | 4.498 | 112.45 | 12 x 3.170 x .510 | 10.374 | 259.35 |
| 7 x 2.110 x .230 | 3.541 | 88.53 | 15 x 3.400 x .400 | 11.708 | 292.70 |

ALUMINUM



6061-T6 and 6061-T651 Round Aluminum Rods 12 Foot Lengths

| Diam. in Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length | Diam. in Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|-----------------------|--------------------------------|------------------------------|-----------------------|--------------------------------|------------------------------|
| 1/8 | .014 | .17 | 1 7/8 | 3.244 | 38.93 |
| 3/16 | .032 | .38 | 2 | 3.691 | 44.29 |
| 7/32 | .044 | .53 | 2 1/8 | 4.166 | 49.99 |
| 1/4 | .058 | .70 | 2 1/4 | 4.671 | 56.05 |
| 5/16 | .090 | 1.08 | 2 1/2 | 5.767 | 69.20 |
| 3/8 | .130 | 1.56 | 2 5/8 | 6.358 | 76.30 |
| 7/16 | .177 | 2.12 | 2 3/4 | 6.978 | 83.74 |
| 1/2 | .230 | 2.76 | 3 | 8.304 | 99.65 |
| 9/16 | .292 | 3.50 | 3 1/4 | 9.746 | 116.95 |
| 5/8 | .360 | 4.32 | 3 1/2 | 11.303 | 135.64 |
| 3/4 | .519 | 6.23 | 3 5/8 | 12.140 | R/L |
| 7/8 | .706 | 8.47 | 3 3/4 | 12.975 | R/L |
| 1 | .923 | 11.08 | 4 | 14.763 | R/L |
| 1 1/8 | 1.168 | 14.02 | 4 1/4 | 16.666 | R/L |
| 1 1/4 | 1.442 | 17.30 | 4 1/2 | 18.684 | R/L |
| 1 5/16 | 1.590 | 19.08 | 5 | 23.067 | R/L |
| 1 3/8 | 1.745 | 20.94 | 5 1/2 | 27.999 | R/L |
| 1 7/16 | 1.907 | 22.88 | 6 | 33.217 | R/L |
| 1 1/2 | 2.076 | 24.91 | 6 1/2 | 38.983 | R/L |
| 1 5/8 | 2.436 | 29.23 | 7 | 45.212 | R/L |
| 1 3/4 | 2.826 | 33.91 | 7 1/2 | 51.901 | R/L |
| 1 13/16 | 3.031 | 36.37 | 8 | 59.051 | R/L |



3003-H14 and 5052-H32 Aluminum Sheets Mill Finish

| Size in Inches | Approx. Wt. per Sq. Ft. | Approx. Wt. per Sheet | Size in Inches | Approx. Wt. per Sq. Ft. | Approx. Wt. per Sheet |
|-------------------|-------------------------------|-----------------------------|-------------------|-------------------------------|-----------------------------|
| .032 x 48 x 96 | .447 | 14.30 | .080 x 48 x 96 | 1.117 | 35.74 |
| .032 x 48 x 120 | .447 | 17.88 | .080 x 48 x 144 | 1.117 | 53.62 |
| .032 x 48 x 144 | .447 | 21.46 | .090 x 48 x 96 | 1.257 | 40.22 |
| .040 x 48 x 96 | .559 | 17.89 | .090 x 48 x 144 | 1.257 | 60.34 |
| .040 x 48 x 120 | .559 | 22.36 | .100 x 48 x 96 | 1.397 | 44.70 |
| .040 x 48 x 144 | .559 | 26.83 | .100 x 48 x 120 | 1.397 | 55.88 |
| .050 x 48 x 96 | .698 | 22.34 | .100 x 48 x 144 | 1.397 | 67.06 |
| .050 x 48 x 120 | .698 | 27.92 | .125 x 48 x 96 | 1.746 | 55.87 |
| .050 x 48 x 144 | .698 | 33.50 | .125 x 48 x 120 | 1.746 | 69.84 |
| .063 x 48 x 96 | .880 | 28.16 | .125 x 48 x 144 | 1.746 | 83.81 |
| .063 x 48 x 120 | .880 | 35.20 | .190 x 48 x 144 | 2.654 | 127.39 |
| .063 x 48 x 144 | .880 | 42.24 | | | |

ALUMINUM

6061-T6511 Rectangular Aluminum Bars Extruded — 12 Foot Lengths



| Size in Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length | Size in Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|-------------------|--------------------------------|------------------------------|-------------------|--------------------------------|------------------------------|
| 1/8 x 1/2 | .074 | 0.89 | 3/8 x 4 | 1.764 | 21.17 |
| 1/8 x 5/8 | .092 | 1.10 | 3/8 x 6 | 2.646 | 31.75 |
| 1/8 x 3/4 | .110 | 1.32 | 1/2 x 3/4 | .441 | 5.29 |
| 1/8 x 1 | .147 | 1.76 | 1/2 x 1 | .588 | 7.06 |
| 1/8 x 1 1/4 | .184 | 2.21 | 1/2 x 1 1/4 | .735 | 8.82 |
| 1/8 x 1 1/2 | .221 | 2.65 | 1/2 x 1 1/2 | .882 | 10.58 |
| 1/8 x 2 | .294 | 3.53 | 1/2 x 1 3/4 | 1.029 | 12.35 |
| 3/16 x 3/4 | .166 | 1.99 | 1/2 x 2 | 1.176 | 14.11 |
| 3/16 x 1 | .221 | 2.65 | 1/2 x 2 1/2 | 1.470 | 17.64 |
| 3/16 x 1 1/4 | .275 | 3.30 | 1/2 x 3 | 1.764 | 21.17 |
| 3/16 x 1 1/2 | .331 | 3.97 | 1/2 x 4 | 2.352 | 28.22 |
| 3/16 x 2 | .441 | 5.29 | 1/2 x 6 | 3.528 | 42.34 |
| 1/4 x 1/2 | .147 | 1.76 | 5/8 x 3/4 | .551 | 6.61 |
| 1/4 x 3/4 | .221 | 2.65 | 5/8 x 1 | .735 | 8.82 |
| 1/4 x 1 | .294 | 3.53 | 5/8 x 1 1/4 | .918 | 11.02 |
| 1/4 x 1 1/4 | .368 | 4.42 | 5/8 x 1 1/2 | 1.103 | 13.24 |
| 1/4 x 1 1/2 | .441 | 5.29 | 5/8 x 2 | 1.470 | 17.64 |
| 1/4 x 1 3/4 | .515 | 6.18 | 3/4 x 1 | .882 | 10.58 |
| 1/4 x 2 | .588 | 7.06 | 3/4 x 1 1/4 | 1.103 | 13.24 |
| 1/4 x 2 1/2 | .735 | 8.82 | 3/4 x 1 1/2 | 1.323 | 15.88 |
| 1/4 x 3 | .882 | 10.58 | 3/4 x 2 | 1.764 | 21.17 |
| 1/4 x 4 | 1.176 | 14.11 | 3/4 x 2 1/2 | 2.205 | 26.46 |
| 5/16 x 3/4 | .275 | 3.30 | 3/4 x 3 | 2.646 | 31.75 |
| 5/16 x 1 | .368 | 4.42 | 3/4 x 3 1/2 | 3.087 | 37.04 |
| 5/16 x 1 1/4 | .460 | 5.52 | 3/4 x 4 | 3.528 | 42.34 |
| 5/16 x 1 1/2 | .551 | 6.61 | 3/4 x 6 | 5.292 | 63.50 |
| 5/16 x 2 | .735 | 8.82 | 1 x 1 1/4 | 1.470 | 17.64 |
| 3/8 x 1/2 | .221 | 2.65 | 1 x 1 1/2 | 1.764 | 21.17 |
| 3/8 x 3/4 | .330 | 3.96 | 1 x 2 | 2.352 | 28.22 |
| 3/8 x 1 | .441 | 5.29 | 1 x 2 1/2 | 2.940 | 35.28 |
| 3/8 x 1 1/4 | .551 | 6.61 | 1 x 3 | 3.528 | 42.34 |
| 3/8 x 1 1/2 | .661 | 7.93 | 1 x 4 | 4.704 | 56.45 |
| 3/8 x 2 | .882 | 10.58 | 1 x 6 | 7.056 | 84.67 |
| 3/8 x 3 | 1.323 | 15.88 | | | |

Other Sizes are available — please inquire.

Aluminum Plates

Available in various alloys.



| Thickness in Inches | Weight Per Sq. Ft., Lbs. | Thickness in Inches | Weight Per Sq. Ft., Lbs. | Thickness in Inches | Weight Per Sq. Ft., Lbs. |
|------------------------|-----------------------------|------------------------|-----------------------------|------------------------|-----------------------------|
| 1/4" | 3.528 | 1" | 14.11 | 3" | 42.34 |
| 5/16" | 4.417 | 1 1/4" | 17.64 | 3 1/2" | 49.39 |
| 3/8" | 5.292 | 1 1/2" | 21.17 | 4" | 56.45 |
| 1/2" | 7.056 | 1 3/4" | 24.70 | 4 1/2" | 63.50 |
| 5/8" | 8.820 | 2" | 28.22 | 5" | 70.56 |
| 3/4" | 10.584 | 2 1/4" | 31.75 | 6" | 84.67 |
| 7/8" | 12.315 | 2 1/2" | 35.28 | | |

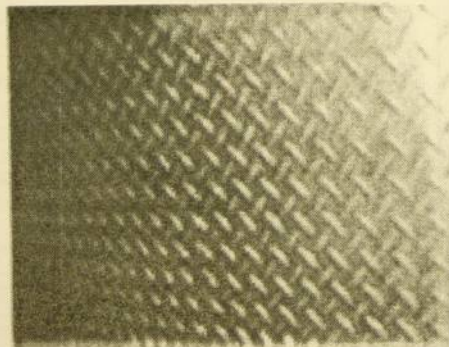
ALUMINUM

3003 Aluminum Diamond Tread Plates

| Size in Inches | | | Approx. Wt. per Sq. Ft. | Approx. Wt. per Plate | Size in Inches | | | Approx. Wt. per Sq. Ft. | Approx. Wt. per Plate |
|-------------------|------|-------|-------------------------------|-----------------------------|-------------------|------|-------|-------------------------------|-----------------------------|
| C | A | B | | | C | A | B | | |
| .100 | x 48 | x 144 | 1.600 | 76.80 | .188 | x 48 | x 144 | 3.000 | 144.00 |
| .100 | x 48 | x 192 | 1.600 | 102.40 | .188 | x 48 | x 192 | 3.000 | 192.00 |
| .125 | x 48 | x 144 | 2.000 | 96.00 | .250 | x 48 | x 144 | 3.900 | 187.20 |
| .125 | x 48 | x 192 | 2.000 | 128.00 | .250 | x 48 | x 192 | 3.900 | 249.60 |

6061-T6 Aluminum Diamond Tread Plates

| Size in Inches | | | Approx. Wt. per Sq. Ft. | Approx. Wt. per Plate | Size in Inches | | | Approx. Wt. per Sq. Ft. | Approx. Wt. per Plate |
|-------------------|------|-------|-------------------------------|-----------------------------|-------------------|------|-------|-------------------------------|-----------------------------|
| C | A | B | | | C | A | B | | |
| .100 | x 48 | x 192 | 1.600 | 102.40 | .250 | x 60 | x 192 | 2.900 | 312.00 |
| .125 | x 48 | x 192 | 2.000 | 128.00 | .375 | x 48 | x 192 | 5.600 | 358.40 |
| .125 | x 60 | x 192 | 2.000 | 160.00 | .375 | x 60 | x 192 | 5.600 | 448.00 |
| .188 | x 48 | x 192 | 3.000 | 152.00 | .500 | x 48 | x 192 | 7.300 | 467.20 |
| .188 | x 60 | x 192 | 3.000 | 240.00 | .500 | x 60 | x 192 | 7.300 | 554.00 |
| .250 | x 48 | x 192 | 3.900 | 249.60 | | | | | |



6063-T52 Square Aluminum Tubing 21' - 1" Lengths

| Size in Inches | | | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length | Size in Inches | | | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|-------------------|----------|--------|--------------------------------|------------------------------|-------------------|----------|--------|--------------------------------|------------------------------|
| 3/4" | x 3/4" | x .065 | 201 | 4.227 | 1 1/8" | x 1 1/8" | x .065 | 478 | 5.136 |
| 3/4" | x 3/4" | x .125 | 368 | 7.758 | 1 1/8" | x 1 1/8" | x .125 | 810 | 17.077 |
| 1" | x 1" | x .065 | 274 | 5.776 | 2" | x 2" | x .125 | 1.100 | 23.254 |
| 1" | x 1" | x .125 | 516 | 10.878 | 4" | x 4" | x .120 | 2.279 | 47.819 |
| 1 1/4" | x 1 1/4" | x .120 | 862 | 18.000 | | | | | |

ALUMINUM

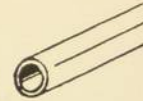
Rectangular Aluminum Tubing 21' - 1" Lengths



| Size in Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length | Size in Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|----------------------|--------------------------------|------------------------------|----------------------|--------------------------------|------------------------------|
| 1 x 2 x .125 | 809 | 17.07 | 1 3/4 x 3 x .125 | 1.323 | 27.89 |
| 1 x 3 x .125 | 1.103 | 23.26 | 1 3/4 x 4 x .125 | 1.617 | 34.09 |
| 1 x 4 x .125 | 1.397 | 29.45 | 1 3/4 x 4 1/2 x .125 | 1.764 | 37.19 |
| 1 1/4 x 2 1/2 x .125 | 1.029 | 21.70 | 1 3/4 x 5 x .125 | 1.911 | 40.29 |
| 1 1/2 x 2 x .125 | .956 | 20.16 | 2 x 3 x .125 | 1.397 | 29.95 |
| 1 3/4 x 2 1/4 x .125 | 1.103 | 23.26 | 2 x 4 x .125 | 1.690 | 33.80 |
| | | | 2 x 5 x .125 | 1.985 | 41.85 |

Many other Sizes are available - please call us with your requirements.

6061-T6 Aluminum Pipe 20 Foot Lengths



| Nominal Size | | O.D. Inches | I.D. Inches | Wall Thickness Inches | Approx. Wt. per Lin. Ft. | Approx. Wt. per Length |
|-----------------|--------|----------------|----------------|-----------------------------|--------------------------------|------------------------------|
| 1/8 | Sch 40 | 405 | 269 | .068 | .085 | 1.02 |
| 1/4 | Sch 40 | 540 | 364 | .088 | .147 | 1.76 |
| 3/8 | Sch 40 | 675 | 493 | .091 | .196 | 2.35 |
| 1/2 | Sch 40 | 840 | 622 | .109 | .294 | 5.88 |
| 3/4 | Sch 40 | 1.050 | 824 | .113 | .391 | 7.82 |
| 1 | Sch 40 | 1.315 | 1.049 | .133 | .581 | 11.62 |
| 1 | Sch 80 | 1.315 | .957 | .179 | .751 | 15.02 |
| 1 1/4 | Sch 40 | 1.660 | 1.380 | .140 | .786 | 15.72 |
| 1 1/4 | Sch 80 | 1.660 | 1.278 | .191 | 1.037 | 20.74 |
| 1 1/2 | Sch 40 | 1.900 | 1.610 | .145 | .940 | 18.80 |
| 1 1/2 | Sch 80 | 1.900 | 1.500 | .200 | 1.256 | 25.12 |
| 2 | Sch 40 | 2.375 | 2.067 | .154 | 1.264 | 25.28 |
| 2 | Sch 80 | 2.375 | 1.939 | .218 | 1.737 | 34.74 |
| 2 1/2 | Sch 40 | 2.875 | 2.469 | .203 | 2.004 | 40.08 |
| 2 1/2 | Sch 80 | 2.875 | 2.323 | .276 | 2.650 | 53.00 |
| 3 | Sch 40 | 3.500 | 3.068 | .216 | 2.621 | 52.42 |
| 3 | Sch 80 | 3.500 | 2.900 | .300 | 3.547 | 70.94 |
| 3 1/2 | Sch 40 | 4.000 | 3.548 | .226 | 3.151 | 63.02 |
| 3 1/2 | Sch 80 | 4.000 | 3.364 | .318 | 4.326 | 86.52 |
| 4 | Sch 40 | 4.500 | 4.026 | .237 | 3.733 | 74.66 |
| 4 | Sch 80 | 4.500 | 3.826 | .337 | 5.183 | 103.66 |
| 5 | Sch 40 | 5.563 | 5.047 | .258 | 5.057 | 101.14 |
| 5 | Sch 80 | 5.563 | 4.813 | .375 | 7.188 | 143.76 |
| 6 | Sch 40 | 6.625 | 6.065 | .280 | 6.564 | 131.28 |
| 6 | Sch 80 | 6.625 | 5.761 | .432 | 9.884 | 197.68 |
| 8 | Sch 40 | 8.625 | 7.981 | .322 | 9.878 | 197.56 |
| 8 | Sch 80 | 8.625 | 7.625 | .500 | 15.010 | 300.20 |
| 10 | Sch 40 | 10.750 | 10.020 | .365 | 14.000 | 280.00 |
| 12 | Sch 40 | 12.750 | 12.000 | .375 | 17.140 | 342.80 |

STEEL TUBING



DESCRIPTIVE INFORMATION ROUND MECHANICAL

Cold Drawn Seamless

1026 ASTM A 519

Cold Drawn Seamless Tube is normally drawn to O.D. and I.D. dimensions.
Certain sizes must be drawn to O.D. and Wall dimensions and are so noted.

Identification Color: Green

Random Lengths 8 to 24 Ft.

Hot Finished Seamless

1026 ASTM A 519 (except tolerance)

Hot Finished Tube is produced to O.D. and Wall dimensions.

Identification Color: Red

Random Lengths 8 to 24 Ft.

Welded D.O.M.

Drawn Over Mandrel — Tested

Up to 4" O.D. Inclusive (10 Ga. Wall and Lighter) 1020

All other sizes (O.D.'s and Walls) 1026

ASTM A 513 Type 5

An Electric Welded Tube with all weld flash removed.

Tested for weld soundness, drawn over a mandrel and retested.

This product is superior in finish and wall uniformity to seamless tubing.
Normally drawn to O.D. and I.D. dimensions and exceptions are so noted.

Identification Color: Gold

Random Lengths 8 to 24 Ft.

Electric Welded

Up to 6" O.D. Inclusive — MT 1010

Cold Rolled and Hot Rolled

Up to 6 1/2" O.D. Inclusive ASTM A 513 CR Type 2, HR Type 1

6 5/8" O.D. & Over (No ASTM)

An Electric Resistance Welded Tube

Under 1" O.D. — Flash In

1" O.D. & Larger — Flash Controlled

Electric Welded Tubing is produced to O.D. and Wall dimensions.

This is the least expensive mechanical tubing.

It is produced from low carbon steel and possesses relatively good cold working characteristics.

Identification Colors: CR Flash Controlled — Black

HR Flash Controlled — Yellow

Flash In — Purple

Random Lengths 20 Ft.

Cold Drawn Butt Welded

10 Ga. Wall and Lighter - 1020

All other sizes - 1026

ASTM A 512

The least expensive drawn tube.

Produced from Electric Resistance Welded hollows.

Drawn to O.D. and I.D. dimensions. Not intended for pressure applications.

Identification Color: Pink

Random Lengths 8 to 24 Ft.



Hydraulic-Line
Square Welded
Square Structural
Rectangular Welded
Rectangular Structural
Pipe & Pipe Size Tube



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|----------------|------|------|--------------|---------------|------------|------------------|------------------|
| 1/8 x | | | | | | | |
| 24 | .022 | .081 | .0242 | X† | .. | .. | .. |
| 18 | .049 | .027 | .0398 | .. | X | .. | .. |
| 5/32 x | | | | | | | |
| 22 | .028 | .100 | .0383 | X†† | .. | .. | .. |
| 21 | .032 | .092 | .0424 | X† | .. | .. | .. |
| 3/16 x | | | | | | | |
| 24 | .022 | .144 | .0390 | X†† | .. | .. | .. |
| 22 | .028 | .132 | .0478 | X† | .. | .. | .. |
| 21 | .032 | .124 | .0533 | X†† | .. | .. | .. |
| 20 | .035 | .118 | .0572 | X† | .. | .. | .. |
| 19 | .042 | .104 | .0655 | .. | X | .. | .. |
| 18 | .049 | .090 | .0727 | X†† | .. | .. | .. |
| 17 | .058 | .072 | .0805 | X†† | .. | .. | .. |
| 16 | .065 | .058 | .0854 | X†† | .. | .. | .. |
| 7/32 x | | | | | | | |
| 20 | .035 | .149 | .0688 | X† | .. | .. | .. |
| 1/4 x | | | | | | | |
| 24 | .022 | .206 | .0536 | .. | X | .. | .. |
| 23 | .025 | .200 | .0601 | .. | X | .. | .. |
| 22 | .028 | .194 | .0664 | .. | X | .. | .. |
| 20 | .035 | .180 | .0804 | .. | X | .. | .. |
| 19 | .042 | .166 | .0933 | .. | X | .. | .. |
| 18 | .049 | .152 | .1052 | .. | X | .. | .. |
| 17 | .058 | .134 | .1189 | .. | X | .. | .. |
| 16 | .065 | .120 | .1284 | .. | X | .. | .. |
| 14 | .083 | .084 | .1480 | X†† | .. | .. | .. |
| 13 | .095 | .060 | .1573 | X†† | .. | .. | .. |
| 9/32 x | | | | | | | |
| 18 | .049 | .183 | .1214 | .. | X | .. | .. |
| 5/16 x | | | | | | | |
| 24 | .022 | .269 | .0684 | .. | X | .. | .. |
| 22 | .028 | .257 | .0852 | .. | X | .. | .. |
| 21 | .032 | .249 | .0960 | .. | X | .. | .. |
| 20 | .035 | .243 | .1039 | .. | X | .. | .. |
| 18 | .049 | .215 | .1382 | .. | X | .. | .. |
| 17 | .058 | .197 | .1580 | .. | X | .. | .. |
| 16 | .065 | .183 | .1722 | .. | X | .. | .. |
| 14 | .083 | .147 | .2039 | .. | X | .. | .. |
| 11/32 x | | | | | | | |
| 21 | .032 | .280 | .1066 | .. | X | .. | .. |
| 3/8 x | | | | | | | |
| 24 | .022 | .331 | .0829 | .. | X | .. | .. |
| 22 | .028 | .319 | .1038 | .. | X | X** | .. |

* Produced to O.D. and Wall dimensions
 ** 1008/1010 analysis
 † DOM Tolerances 1020 — Ends Orange & Blue
 †† DOM Tolerances 1018 — Ends Orange & White

STEEL TUBING ROUND MECHANICAL



SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|----------------|------|------|--------------|-------------------|------------|------------------|------------------|
| 3/8 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 | .. | .. |
| 13 | .095 | .185 | .2841 | X ^{††} * | .. | .. | .. |
| 12 | .109 | .157 | .3097 | .. | X* | .. | .. |
| 1/8 | .125 | .125 | .3338 | X ^{††} * | .. | .. | .. |
| 10 | .134 | .107 | .3449 | X ^{††} | .. | .. | .. |
| 13/32 x | | | | | | | |
| 16 | .065 | .276 | .2367 | .. | X | .. | .. |
| 14 | .083 | .240 | .2863 | .. | X | .. | .. |
| 13 | .095 | .216 | .3155 | .. | X | .. | .. |
| 7/16 x | | | | | | | |
| 24 | .022 | .394 | .0977 | .. | X | .. | .. |
| 22 | .028 | .382 | .1226 | .. | X | .. | .. |
| 20 | .035 | .368 | .1506 | .. | X | .. | .. |
| 18 | .049 | .340 | .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 | .. |
| 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 | .5006 | .. | X | .. | .. |
| 10 | .134 | .232 | .5238 | .. | X* | .. | .. |
| 5/32 | .156 | .188 | .5731 | .. | X | .. | .. |
| 3/16 | .188 | .124 | .6264 | X* | .. | .. | .. |
| 17/32 x | | | | | | | |
| 16 | .065 | .401 | .3235 | .. | X | .. | .. |
| 14 | .083 | .365 | .3971 | .. | X | .. | .. |
| 1/8 | .125 | .281 | .5420 | .. | X | .. | .. |
| 9/16 x | | | | | | | |
| 22 | .028 | .507 | .1600 | .. | X | .. | .. |

* Produced to O.D. and Wall dimensions
†† DOM Tolerance 1018 — Ends Orange & White



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Go | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|----------------|------|------|--------------|---------------|------------|------------------|------------------|
| 9/16 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 | .. | .. |
| 10 | .134 | .295 | .6140 | .. | X | .. | .. |
| 5/32 | .156 | .251 | .6781 | .. | X* | .. | .. |
| 3/16 | .188 | .187 | .7529 | .. | 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* | .. | .. |
| 21/32 x | | | | | | | |
| 13 | .095 | .466 | .5692 | .. | X | .. | .. |
| 11/16 x | | | | | | | |
| 22 | .028 | .632 | .1974 | .. | X | .. | .. |
| 21 | .032 | .624 | .2242 | .. | X | .. | .. |
| 18 | .049 | .590 | .3344 | .. | X | .. | .. |
| 16 | .065 | .558 | .4325 | .. | X | X | .. |
| 14 | .083 | .522 | .5363 | .. | X | .. | .. |
| 13 | .095 | .498 | .6017 | .. | X | .. | .. |
| 12 | .109 | .470 | .6740 | .. | X | .. | .. |
| 11 | .120 | .448 | .7279 | .. | .. | .. | X |
| 1/8 | .125 | .438 | .7516 | .. | X | .. | .. |
| 10 | .134 | .420 | .7928 | .. | X | .. | .. |
| 5/32 | .156 | .376 | .8864 | .. | X | .. | .. |
| 3/16 | .188 | .312 | 1.004 | .. | X* | .. | .. |
| 7/32 | .219 | .250 | 1.097 | .. | X* | .. | .. |
| 3/4 x | | | | | | | |
| 22 | .028 | .694 | .2159 | .. | X | .. | .. |
| 20 | .035 | .680 | .2673 | .. | X | X | .. |
| 18 | .049 | .652 | .3668 | .. | X | X | .. |

*Produced to O.D. and Wall dimensions
**1008/1010 24' 2"

STEEL TUBING ROUND MECHANICAL



SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|----------------|------|------|--------------|---------------|------------|------------------|------------------|
| 3/4 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 | X |
| 11 | .120 | .510 | .8074 | .. | X | X | X |
| 1/8 | .125 | .500 | .8344 | .. | X | .. | .. |
| 10 | .134 | .482 | .8816 | .. | X | .. | X |
| 5/32 | .156 | .438 | .9897 | .. | X | .. | X |
| 11/64 | .172 | .406 | 1.062 | .. | .. | .. | X |
| 3/16 | .188 | .374 | 1.128 | .. | X | .. | .. |
| 7/32 | .219 | .312 | 1.242 | .. | X* | .. | .. |
| 1/4 | .250 | .250 | 1.335 | .. | 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 | .. | X |
| 1/8 | .125 | .563 | .9185 | .. | X | .. | .. |
| 10 | .134 | .545 | .9717 | .. | X | .. | .. |
| 5/32 | .156 | .501 | 1.095 | .. | X | .. | .. |
| 3/16 | .188 | .437 | 1.255 | .. | X | .. | .. |
| 7/32 | .219 | .375 | 1.389 | .. | X | .. | .. |
| 1/4 | .250 | .313 | 1.503 | .. | X* | .. | .. |
| 27/32 x | | | | | | | |
| 12 | .109 | .626 | .8556 | .. | X | .. | .. |
| 5/32 | .156 | .532 | 1.146 | .. | X | .. | .. |
| 7/8 x | | | | | | | |
| 21 | .032 | .811 | .2881 | .. | X | .. | .. |
| 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 | .. | X |
| 11 | .120 | .635 | .9676 | .. | X | X | X |
| 1/8 | .125 | .625 | 1.001 | .. | X | .. | .. |
| 10 | .134 | .607 | 1.061 | .. | X | .. | .. |
| 5/32 | .156 | .563 | 1.198 | .. | X | .. | X |
| 3/16 | .188 | .499 | 1.379 | .. | X | .. | .. |
| 7/32 | .219 | .437 | 1.534 | .. | X | .. | .. |
| 1/4 | .250 | .375 | 1.669 | .. | X* | .. | .. |
| 5/32 | .281 | .313 | 1.783 | .. | X* | .. | .. |
| 15/16 x | | | | | | | |
| 20 | .035 | .868 | .3375 | .. | X | .. | .. |
| 18 | .049 | .840 | .4652 | .. | X | .. | .. |

*Produced to O.D. and Wall dimensions
**Also available Cold Rolled



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|-----------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 15/16 x | | | | | | | |
| 16 | .065 | .808 | .6060 | .. | X | .. | .. |
| 14 | .083 | .772 | .7579 | .. | X | .. | .. |
| 13 | .095 | .748 | .8553 | .. | X | .. | .. |
| 1/8 | .125 | .688 | 1.085 | .. | X | .. | .. |
| 10 | .134 | .670 | 1.151 | .. | X | .. | .. |
| 5/32 | .156 | .626 | 1.303 | .. | X | .. | .. |
| 3/16 | .188 | .562 | 1.506 | .. | X | .. | .. |
| 1/4 | .250 | .438 | 1.837 | .. | 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 | 1.037 | .. | X | X | .. |
| 11 | .120 | .760 | 1.128 | .. | X | X | X |
| 1/8 | .125 | .750 | 1.168 | .. | X | .. | .. |
| 10 | .134 | .732 | 1.239 | .. | X | .. | .. |
| 5/32 | .156 | .688 | 1.406 | .. | X | .. | X |
| 11/64 | .172 | .656 | 1.521 | .. | .. | .. | X |
| 7 | .180 | .640 | 1.576 | .. | .. | .. | X |
| 3/16 | .188 | .624 | 1.630 | .. | X | .. | X |
| 7/32 | .219 | .562 | 1.827 | .. | X | .. | .. |
| 1/4 | .250 | .500 | 2.003 | .. | X | .. | .. |
| 9/32 | .281 | .438 | 2.158 | .. | X* | .. | .. |
| 5/16 | .313 | .374 | 2.297 | X* | .. | .. | .. |
| 11/32 | .344 | .312 | 2.410 | X* | .. | .. | .. |
| 3/8 | .375 | .250 | 2.503 | X* | .. | .. | .. |
| 1 1/16 x | | | | | | | |
| 22 | .028 | 1.007 | .3095 | .. | 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 | 1.111 | .. | X | .. | .. |
| 11 | .120 | .823 | 1.209 | .. | X | .. | .. |
| 1/8 | .125 | .813 | 1.252 | .. | X | .. | .. |
| 10 | .134 | .795 | 1.330 | .. | X | .. | .. |
| 5/32 | .156 | .751 | 1.511 | .. | X | .. | .. |
| 3/16 | .188 | .687 | 1.757 | .. | X | .. | .. |
| 7/32 | .219 | .625 | 1.974 | .. | X | .. | .. |
| 1/4 | .250 | .563 | 2.171 | .. | X | .. | .. |
| 5/16 | .313 | .437 | 2.507 | X* | .. | .. | .. |
| 3/8 | .375 | .313 | 2.755 | X* | .. | .. | .. |

* Produced to O.D. and Wall dimensions
 ** Also available Cold Rolled
 † Only available Cold Rolled

STEEL TUBING ROUND MECHANICAL



SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Go. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|-----------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 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 | 1.045 | .. | X | .. | .. |
| 12 | .109 | .907 | 1.183 | .. | X | .. | .. |
| 11 | .120 | .885 | 1.288 | .. | X | X | X |
| 1 1/8 | .125 | .875 | 1.335 | .. | X | .. | .. |
| 10 | .134 | .857 | 1.418 | .. | X | .. | X |
| 5/32 | .156 | .813 | 1.614 | .. | X | .. | X |
| 11/64 | .172 | .781 | 1.751 | .. | .. | .. | X |
| 3/16 | .188 | .749 | 1.881 | .. | X | .. | X |
| 7/32 | .219 | .687 | 2.119 | .. | X | .. | X |
| 1/4 | .250 | .625 | 2.336 | .. | X | .. | X |
| 9/32 | .281 | .563 | 2.533 | .. | X | .. | .. |
| 5/16 | .313 | .499 | 2.714 | X | .. | .. | .. |
| 3/8 | .375 | .375 | 3.004 | X* | .. | .. | .. |
| 1 3/16 x | | | | | | | |
| 22 | .028 | 1.132 | .3469 | .. | 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 | 1.109 | .. | X | .. | .. |
| 1 1/8 | .125 | .938 | 1.419 | .. | X | .. | .. |
| 5/32 | .156 | .876 | 1.719 | .. | X | .. | .. |
| 3/16 | .188 | .812 | 2.008 | .. | X | .. | .. |
| 7/32 | .219 | .750 | 2.266 | .. | X | .. | .. |
| 1/4 | .250 | .688 | 2.505 | .. | 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 | 1.035 | .. | X | X | .. |
| 13 | .095 | 1.060 | 1.172 | .. | X | X | .. |
| 12 | .109 | 1.032 | 1.328 | .. | X | X | X |
| 11 | .120 | 1.010 | 1.448 | .. | X | X | X |
| 1 1/8 | .125 | 1.000 | 1.502 | .. | X | .. | .. |
| 10 | .134 | .982 | 1.597 | .. | X | .. | .. |
| 5/32 | .156 | .938 | 1.823 | .. | X | .. | X |
| 3/16 | .188 | .874 | 2.132 | .. | X | .. | X |
| 7/32 | .219 | .812 | 2.411 | .. | X | .. | X |
| 1/4 | .250 | .750 | 2.670 | .. | X | .. | X |
| 9/32 | .281 | .688 | 2.908 | .. | X | .. | X |
| 5/16 | .313 | .624 | 3.132 | .. | X | .. | .. |
| 11/32 | .344 | .562 | 3.329 | .. | X | .. | .. |
| 3/8 | .375 | .500 | 3.504 | .. | X | .. | .. |
| 7/16 | .438 | .374 | 3.798 | X* | .. | .. | .. |

* Produced to O.D. and Wall dimensions
 ** Also available Cold Rolled
 † Only available Cold Rolled



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Go. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|--------------------------------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 1⁵/₁₆ x | | | | | | | |
| 20 | .035 | 1.243 | .4777 | .. | X | .. | .. |
| 17 | .058 | 1.197 | .7774 | .. | X | .. | .. |
| 16 | .065 | 1.183 | .8664 | .. | X | .. | .. |
| 14 | .083 | 1.147 | 1.090 | .. | X | .. | .. |
| 13 | .095 | 1.123 | 1.236 | .. | X | .. | .. |
| 12 | .109 | 1.095 | 1.402 | .. | X | .. | .. |
| 11 | .120 | 1.073 | 1.529 | .. | X | .. | .. |
| 1 ¹ / ₈ | .125 | 1.063 | 1.586 | .. | X | .. | .. |
| 10 | .134 | 1.045 | 1.687 | .. | X | .. | .. |
| 9 | .148 | 1.017 | 1.841 | .. | X | .. | .. |
| 5 ³ / ₃₂ | .156 | 1.001 | 1.928 | .. | X | .. | X |
| 3 ¹ / ₁₆ | .188 | .937 | 2.259 | .. | X | .. | .. |
| 7 ¹ / ₃₂ | .219 | .875 | 2.559 | .. | X | .. | .. |
| 1 ¹ / ₄ | .250 | .813 | 2.838 | .. | X | .. | .. |
| 9 ¹ / ₃₂ | .281 | .751 | 3.097 | .. | X | .. | .. |
| 5 ¹ / ₁₆ | .313 | .687 | 3.343 | .. | X | .. | .. |
| 3 ¹ / ₈ | .375 | .563 | 3.757 | .. | X* | .. | .. |
| 1³/₈ x | | | | | | | |
| 22 | .028 | 1.319 | .4028 | .. | X | .. | .. |
| 20 | .035 | 1.305 | .5009 | .. | .. | 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 | 1.145 | .. | X | X | .. |
| 13 | .095 | 1.185 | 1.299 | .. | X | .. | .. |
| 12 | .109 | 1.157 | 1.474 | .. | X | .. | .. |
| 11 | .120 | 1.135 | 1.608 | .. | X | X | .. |
| 1 ¹ / ₈ | .125 | 1.125 | 1.669 | .. | X | .. | .. |
| 10 | .134 | 1.107 | 1.776 | .. | X | .. | .. |
| 5 ³ / ₃₂ | .156 | 1.063 | 2.031 | .. | X | .. | .. |
| 11 ¹ / ₆₄ | .172 | 1.031 | 2.210 | .. | X | .. | .. |
| 3 ¹ / ₁₆ | .188 | .999 | 2.383 | .. | X | .. | X |
| 7 ¹ / ₃₂ | .219 | .937 | 2.704 | .. | X | .. | .. |
| 1 ¹ / ₄ | .250 | .875 | 3.004 | .. | X | .. | .. |
| 9 ¹ / ₃₂ | .281 | .813 | 3.283 | .. | X | .. | .. |
| 5 ¹ / ₁₆ | .313 | .749 | 3.550 | .. | X | .. | .. |
| 3 ¹ / ₈ | .375 | .625 | 4.005 | .. | X | .. | .. |
| 1⁷/₁₆ x | | | | | | | |
| 20 | .035 | 1.368 | .5244 | .. | X | .. | .. |
| 16 | .065 | 1.308 | .9531 | .. | X | .. | .. |
| 14 | .083 | 1.272 | 1.201 | .. | X | .. | .. |
| 13 | .095 | 1.248 | 1.363 | .. | X | .. | .. |
| 11 | .120 | 1.198 | 1.689 | .. | X | .. | .. |
| 1 ¹ / ₈ | .125 | 1.188 | 1.753 | .. | X | .. | .. |
| 10 | .134 | 1.170 | 1.866 | .. | X | .. | .. |
| 5 ³ / ₃₂ | .156 | 1.126 | 2.136 | .. | X | .. | .. |
| 3 ¹ / ₁₆ | .188 | 1.062 | 2.510 | .. | X | .. | .. |
| 7 ¹ / ₃₂ | .219 | 1.000 | 2.851 | .. | X | .. | .. |
| 1 ¹ / ₄ | .250 | .938 | 3.172 | .. | X | .. | .. |

*Produced to O.D. and Wall dimensions
† Only available Cold Rolled

STEEL TUBING ROUND MECHANICAL



SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|-----------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 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 | 1.256 | .. | X | X | .. |
| 13 | .095 | 1.310 | 1.426 | .. | X | X | .. |
| 12 | .109 | 1.282 | 1.619 | .. | X | X | X |
| 11 | .120 | 1.260 | 1.769 | .. | X | X | .. |
| 1 1/8 | .125 | 1.250 | 1.836 | .. | X | .. | .. |
| 10 | .134 | 1.232 | 1.955 | .. | X | X | .. |
| 5/32 | .156 | 1.188 | 2.239 | .. | X | .. | .. |
| 3/16 | .188 | 1.124 | 2.634 | .. | X | .. | .. |
| 7/32 | .219 | 1.062 | 2.996 | .. | X | .. | X |
| 1/4 | .250 | 1.000 | 3.338 | .. | X | .. | X |
| 9/32 | .281 | .938 | 3.658 | .. | X | .. | .. |
| 5/16 | .313 | .874 | 3.968 | .. | X | .. | X |
| 11/32 | .344 | .812 | 4.247 | .. | X | .. | .. |
| 3/8 | .375 | .750 | 4.506 | .. | X | .. | .. |
| 7/16 | .438 | .624 | 4.968 | X* | X | .. | .. |
| 1/2 | .500 | .500 | 5.340 | X* | .. | .. | .. |
| 1 1/16 x | | | | | | | |
| 20 | .035 | 1.493 | .5712 | .. | X | .. | .. |
| 16 | .065 | 1.433 | 1.040 | .. | X | .. | .. |
| 13 | .095 | 1.373 | 1.489 | .. | X | .. | .. |
| 12 | .109 | 1.345 | 1.693 | .. | X | .. | .. |
| 1 1/8 | .125 | 1.313 | 1.920 | .. | X | .. | .. |
| 10 | .134 | 1.295 | 2.045 | .. | X | .. | .. |
| 5/32 | .156 | 1.251 | 2.344 | .. | X | .. | .. |
| 3/16 | .188 | 1.187 | 2.761 | .. | X | .. | .. |
| 1/4 | .250 | 1.063 | 3.506 | .. | X | .. | .. |
| 5/16 | .313 | .937 | 4.179 | .. | X | .. | .. |
| 3/8 | .375 | .813 | 4.758 | .. | X | .. | .. |
| 1 5/8 x | | | | | | | |
| 20 | .035 | 1.555 | .5943 | .. | .. | X† | .. |
| 18 | .049 | 1.527 | .8248 | .. | X | X† | .. |
| 17 | .058 | 1.509 | .9707 | .. | X | .. | .. |
| 16 | .065 | 1.495 | 1.083 | .. | X | X | .. |
| 14 | .083 | 1.459 | 1.367 | .. | X | X | .. |
| 13 | .095 | 1.435 | 1.552 | .. | X | .. | .. |
| 12 | .109 | 1.407 | 1.765 | .. | X | .. | .. |
| 11 | .120 | 1.385 | 1.929 | .. | X | X | .. |
| 1 1/8 | .125 | 1.375 | 2.003 | .. | X | .. | .. |
| 10 | .134 | 1.357 | 2.134 | .. | X | .. | X |
| 5/32 | .156 | 1.313 | 2.448 | .. | X | .. | .. |
| 11/64 | .172 | 1.281 | 2.669 | .. | X | .. | .. |
| 3/16 | .188 | 1.249 | 2.885 | .. | X | .. | .. |
| 7/32 | .219 | 1.187 | 3.289 | .. | X | .. | X |
| 1/4 | .250 | 1.125 | 3.671 | .. | X | .. | .. |
| 9/32 | .281 | 1.063 | 4.034 | .. | X | .. | .. |
| 5/16 | .313 | .999 | 4.386 | .. | X | .. | .. |
| 3/8 | .375 | .875 | 5.006 | .. | X | .. | .. |
| 7/16 | .438 | .749 | 5.553 | X* | .. | .. | .. |
| 1/2 | .500 | .625 | 6.008 | X* | .. | .. | .. |

* Produced to O.D. and Wall dimensions
 ** Also available Cold Rolled
 † Only available Cold Rolled



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|---------------------------------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 1¹¹/₁₆ x | | | | | | | |
| 16 | .065 | 1.558 | 1.127 | .. | X | .. | .. |
| 1/8 | .125 | 1.438 | 2.087 | .. | X | .. | .. |
| 5/32 | .156 | 1.376 | 2.552 | .. | X | .. | .. |
| 3/16 | .188 | 1.312 | 3.012 | .. | X | .. | .. |
| 1/4 | .250 | 1.188 | 3.840 | .. | X | .. | .. |
| 1³/₄ x | | | | | | | |
| 20 | .035 | 1.680 | .6411 | .. | X | X† | .. |
| 18 | .049 | 1.652 | .8902 | .. | X | X† | .. |
| 16 | .065 | 1.620 | 1.170 | .. | X | X | .. |
| 14 | .083 | 1.584 | 1.478 | .. | X | X | .. |
| 13 | .095 | 1.560 | 1.679 | .. | X | X | .. |
| 12 | .109 | 1.532 | 1.910 | .. | X | .. | .. |
| 11 | .120 | 1.510 | 2.089 | .. | .. | X | .. |
| 1/8 | .125 | 1.500 | 2.169 | .. | X | .. | .. |
| 10 | .134 | 1.482 | 2.313 | .. | X | .. | .. |
| 5/32 | .156 | 1.438 | 2.656 | .. | X | .. | .. |
| 3/16 | .188 | 1.374 | 3.136 | .. | X | .. | .. |
| 7/32 | .219 | 1.312 | 3.581 | .. | X | .. | X |
| 1/4 | .250 | 1.250 | 4.005 | .. | X | .. | .. |
| 9/32 | .281 | 1.188 | 4.409 | .. | X | .. | .. |
| 5/16 | .313 | 1.124 | 4.804 | .. | X | .. | .. |
| 3/8 | .375 | 1.000 | 5.507 | .. | X | .. | .. |
| 7/16 | .438 | .874 | 6.137 | X | .. | .. | .. |
| 1/2 | .500 | .750 | 6.675 | X* | .. | .. | .. |
| 9/16 | .563 | .624 | 7.137 | X* | .. | .. | .. |
| 5/8 | .625 | .500 | 7.509 | X* | .. | .. | .. |
| 1¹³/₁₆ x | | | | | | | |
| 1/8 | .125 | 1.563 | 2.254 | .. | X | .. | .. |
| 5/32 | .156 | 1.501 | 2.761 | .. | X | .. | .. |
| 3/16 | .188 | 1.437 | 3.263 | .. | X | .. | .. |
| 1/4 | .250 | 1.313 | 4.173 | .. | X | .. | .. |
| 1⁷/₈ x | | | | | | | |
| 18 | .049 | 1.777 | .9556 | .. | X | .. | .. |
| 16 | .065 | 1.745 | 1.257 | .. | X | X | .. |
| 14 | .083 | 1.709 | 1.589 | .. | X | .. | .. |
| 13 | .095 | 1.685 | 1.806 | .. | X | X | .. |
| 12 | .109 | 1.657 | 2.056 | .. | X | .. | .. |
| 11 | .120 | 1.635 | 2.249 | .. | .. | X | .. |
| 1/8 | .125 | 1.625 | 2.336 | .. | X | .. | .. |
| 10 | .134 | 1.607 | 2.492 | .. | X | .. | .. |
| 5/32 | .156 | 1.563 | 2.864 | .. | X | .. | .. |
| 3/16 | .188 | 1.499 | 3.387 | .. | X | .. | .. |
| 7/32 | .219 | 1.437 | 3.873 | .. | X | .. | X |
| 1/4 | .250 | 1.375 | 4.339 | .. | X | .. | .. |
| 9/32 | .281 | 1.313 | 4.784 | .. | X | .. | .. |
| 5/16 | .313 | 1.249 | 5.222 | .. | X | .. | .. |
| 3/8 | .375 | 1.125 | 6.008 | .. | X | .. | .. |
| 7/16 | .438 | .999 | 6.722 | X | .. | .. | .. |
| 1/2 | .500 | .875 | 7.343 | X* | .. | .. | .. |
| 9/16 | .563 | .749 | 7.889 | X* | .. | .. | .. |

*Produced to O.D. and Wall dimensions
†Only available Cold Rolled

STEEL TUBING ROUND MECHANICAL



SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|--------------------------------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 1⁵/₁₆ x | | | | | | | |
| 1/8 | .125 | 1.688 | 2.420 | .. | X | .. | .. |
| 5/32 | .156 | 1.626 | 2.969 | .. | X | .. | .. |
| 7/32 | .219 | 1.500 | 4.021 | .. | X | .. | .. |
| 1/4 | .250 | 1.438 | 4.507 | .. | X | .. | .. |
| 3/8 | .375 | 1.188 | 6.260 | .. | X | .. | .. |
| 2 x | | | | | | | |
| 20 | .035 | 1.930 | .7345 | .. | .. | X† | .. |
| 18 | .049 | 1.902 | 1.021 | .. | X | X† | .. |
| 16 | .065 | 1.870 | 1.343 | .. | X | X | .. |
| 14 | .083 | 1.834 | 1.699 | .. | X | X | .. |
| 13 | .095 | 1.810 | 1.933 | .. | X | X | .. |
| 12 | .109 | 1.782 | 2.201 | .. | X | X | .. |
| 11 | .120 | 1.760 | 2.409 | .. | X | X | .. |
| 1/8 | .125 | 1.750 | 2.503 | .. | X | .. | .. |
| 10 | .134 | 1.732 | 2.671 | .. | X | X | .. |
| 5/32 | .156 | 1.688 | 3.072 | .. | X | .. | .. |
| 7 | .180 | 1.640 | 3.499 | .. | .. | X | .. |
| 3/16 | .188 | 1.624 | 3.638 | .. | X | .. | X |
| 7/32 | .219 | 1.562 | 4.166 | .. | X | .. | .. |
| 1/4 | .250 | 1.500 | 4.673 | .. | X | .. | X |
| 9/32 | .281 | 1.438 | 5.159 | .. | X | .. | .. |
| 5/16 | .313 | 1.374 | 5.639 | .. | X | .. | X |
| 11/32 | .344 | 1.312 | 6.084 | .. | X | .. | X |
| 3/8 | .375 | 1.250 | 6.508 | .. | X | .. | .. |
| 7/16 | .438 | 1.124 | 7.307 | X | .. | .. | .. |
| 1/2 | .500 | 1.000 | 8.010 | X | .. | .. | .. |
| 9/16 | .563 | .874 | 8.641 | X* | .. | .. | .. |
| 5/8 | .625 | .750 | 9.178 | X* | .. | .. | .. |
| 3/4 | .750 | .500 | 10.01 | X* | .. | .. | .. |
| 2¹/₁₆ 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 | .. | .. |
| 2¹/₈ x | | | | | | | |
| 20 | .035 | 2.055 | .7812 | .. | .. | X† | .. |
| 18 | .049 | 2.027 | 1.086 | .. | .. | 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 | 1.749 | 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 | .. | X |
| 5/16 | .313 | 1.499 | 6.057 | .. | X | .. | .. |
| 3/8 | .375 | 1.375 | 7.009 | .. | X | .. | .. |
| 7/16 | .438 | 1.249 | 7.892 | X | .. | .. | .. |
| 1/2 | .500 | 1.125 | 8.678 | X | .. | .. | .. |

*Produced to O.D. and Wall dimensions
†Only available Cold Rolled



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED C.D. BUTT WELDED

| O.D. & Ga | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* | C.D. Butt Welded |
|--------------------------------------|------|-------|--------------|---------------|------------|------------------|------------------|
| 2³/₁₆ x | | | | | | | |
| 1/8 | .125 | 1.938 | 2.754 | .. | X | .. | .. |
| 1/4 | .250 | 1.688 | 5.175 | .. | X | .. | .. |
| 2¹/₄ 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 | .. |
| 1/8 | .125 | 2.000 | 2.837 | .. | X | .. | .. |
| 10 | .134 | 1.982 | 3.028 | .. | X | .. | .. |
| 5/32 | .156 | 1.938 | 3.489 | .. | X | .. | 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 | .. | X |
| 9/32 | .281 | 1.688 | 5.909 | .. | X | .. | .. |
| 5/16 | .313 | 1.624 | 6.475 | .. | X | .. | .. |
| 11/32 | .344 | 1.562 | 7.003 | .. | X | .. | .. |
| 3/8 | .375 | 1.500 | 7.509 | .. | X | .. | .. |
| 13/32 | .406 | 1.438 | 7.996 | .. | X | .. | .. |
| 7/16 | .438 | 1.374 | 8.476 | .. | X | .. | .. |
| 1/2 | .500 | 1.250 | 9.345 | .. | X | .. | .. |
| 9/16 | .563 | 1.124 | 10.14 | X | .. | .. | .. |
| 5/8 | .625 | 1.000 | 10.85 | X* | .. | .. | .. |
| 3/4 | .750 | .750 | 12.02 | X* | .. | .. | .. |
| 2⁵/₁₆ x | | | | | | | |
| 3/16 | .188 | 1.937 | 4.267 | .. | X | .. | .. |
| 2³/₈ x | | | | | | | |
| 18 | .049 | 2.277 | 1.217 | .. | .. | X† | .. |
| 16 | .065 | 2.245 | 1.604 | .. | X | X | .. |
| 14 | .083 | 2.209 | 2.032 | .. | X | .. | .. |
| 13 | .095 | 2.185 | 2.313 | .. | X | .. | .. |
| 1/8 | .125 | 2.125 | 3.004 | .. | X | .. | .. |
| 5/32 | .156 | 2.063 | 3.697 | .. | X | .. | .. |
| 3/16 | .188 | 1.999 | 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 | 1.749 | 6.893 | .. | X | .. | .. |
| 3/8 | .375 | 1.625 | 8.010 | .. | X | .. | .. |
| 7/16 | .438 | 1.499 | 9.061 | .. | X | .. | .. |
| 1/2 | .500 | 1.375 | 10.01 | .. | X | .. | .. |
| 9/16 | .563 | 1.249 | 10.90 | X | .. | .. | .. |
| 5/8 | .625 | 1.125 | 11.68 | X* | .. | .. | .. |

*Produced to O.D. and Wall dimensions
†Only available Cold Rolled

STEEL TUBING ROUND MECHANICAL



**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Go. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* |
|--------------------------------------|------|-------|--------------|---------------|------------|------------------|
| 2⁷/₁₆ x | | | | | | |
| 1/4 | .250 | 1.938 | 5.842 | .. | X | .. |
| 2¹/₂ 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 | .. |
| 7 | .180 | 2.140 | 4.460 | .. | .. | 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 | 10.68 | .. | X | .. |
| 9/16 | .563 | 1.374 | 11.65 | .. | X | .. |
| 5/8 | .625 | 1.250 | 12.52 | X | .. | .. |
| 3/4 | .750 | 1.000 | 14.02 | X* | .. | .. |
| 2⁹/₁₆ x | | | | | | |
| 1/4 | .250 | 2.063 | 6.176 | .. | X | .. |
| 2⁵/₈ x | | | | | | |
| 16 | .065 | 2.495 | 1.777 | .. | X | X |
| 13 | .095 | 2.435 | 2.567 | .. | X | .. |
| 12 | .109 | 2.407 | 2.929 | .. | X | .. |
| 11 | .120 | 2.385 | 3.210 | .. | X | .. |
| 1/8 | .125 | 2.375 | 3.338 | .. | X | .. |
| 5/32 | .156 | 2.313 | 4.114 | .. | X | .. |
| 7 | .180 | 2.265 | 4.700 | .. | .. | X |
| 3/16 | .188 | 2.249 | 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 | 1.999 | 7.729 | .. | X | .. |
| 3/8 | .375 | 1.875 | 9.011 | .. | X | .. |
| 7/16 | .438 | 1.749 | 10.23 | .. | X | .. |
| 1/2 | .500 | 1.625 | 11.35 | .. | X | .. |
| 9/16 | .563 | 1.499 | 12.40 | .. | X | .. |
| 5/8 | .625 | 1.375 | 13.35 | .. | X | .. |
| 2³/₄ x | | | | | | |
| 18 | .049 | 2.652 | 1.414 | .. | .. | X† |
| 16 | .065 | 2.620 | 1.864 | .. | X | X |
| 14 | .083 | 2.584 | 2.364 | .. | X | .. |
| 13 | .095 | 2.560 | 2.694 | .. | X | .. |

*Produced to O.D. and Wall dimensions
†Only available Cold Rolled



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | DOM Welded | Electric Welded* |
|-------------------------------------|------|-------|--------------|---------------|------------|------------------|
| 2³/₄ x | | | | | | |
| 11 | .120 | 2.510 | 3.371 | .. | .. | X |
| 1¹/₈ | .125 | 2.500 | 3.504 | .. | X | .. |
| 5⁵/₃₂ | .156 | 2.438 | 4.322 | .. | X | .. |
| 3³/₁₆ | .188 | 2.374 | 5.144 | .. | X | .. |
| 7⁷/₃₂ | .219 | 2.312 | 5.920 | .. | X | .. |
| 1¹/₄ | .250 | 2.250 | 6.675 | .. | X | .. |
| 9⁹/₃₂ | .281 | 2.188 | 7.410 | .. | X | .. |
| 5⁵/₁₆ | .313 | 2.124 | 8.147 | .. | X | .. |
| 1¹¹/₃₂ | .344 | 2.062 | 8.840 | .. | X | .. |
| 3³/₈ | .375 | 2.000 | 9.512 | .. | X | .. |
| 7⁷/₁₆ | .438 | 1.874 | 10.82 | .. | X | .. |
| 1¹/₂ | .500 | 1.750 | 12.02 | .. | X | .. |
| 9⁹/₁₆ | .563 | 1.624 | 13.15 | .. | X | .. |
| 5⁵/₈ | .625 | 1.500 | 14.18 | .. | X | .. |
| 1¹¹/₁₆ | .688 | 1.374 | 15.15 | X | .. | .. |
| 3³/₄ | .750 | 1.250 | 16.02 | X* | .. | .. |
| 7⁷/₈ | .875 | 1.000 | 17.52 | X* | .. | .. |
| 2⁷/₈ x | | | | | | |
| 16 | .065 | 2.745 | 1.951 | .. | X | X |
| 13 | .095 | 2.685 | 2.821 | .. | X | .. |
| 11 | .120 | 2.635 | 3.531 | .. | .. | X |
| 1¹/₈ | .125 | 2.625 | 3.671 | .. | X | .. |
| 5⁵/₃₂ | .156 | 2.563 | 4.530 | .. | X | .. |
| 7 | .180 | 2.515 | 5.181 | .. | .. | X |
| 3³/₁₆ | .188 | 2.499 | 5.395 | .. | X | .. |
| 7⁷/₃₂ | .219 | 2.437 | 6.212 | .. | X | .. |
| 1¹/₄ | .250 | 2.375 | 7.009 | .. | X | .. |
| 9⁹/₃₂ | .281 | 2.313 | 7.785 | .. | X | .. |
| 5⁵/₁₆ | .313 | 2.249 | 8.564 | .. | X | .. |
| 3³/₈ | .375 | 2.125 | 10.01 | .. | X | .. |
| 7⁷/₁₆ | .438 | 1.999 | 11.40 | .. | X | .. |
| 1¹/₂ | .500 | 1.875 | 12.68 | .. | X | .. |
| 9⁹/₁₆ | .563 | 1.749 | 13.90 | .. | X | .. |
| 5⁵/₈ | .625 | 1.625 | 15.02 | .. | X | .. |
| 3³/₄ | .750 | 1.375 | 17.02 | 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 |
| 1¹/₈ | .125 | 2.750 | 3.838 | .. | X | .. |
| 10 | .134 | 2.732 | 4.102 | .. | X | .. |
| 5⁵/₃₂ | .156 | 2.688 | 4.738 | .. | X | .. |
| 7 | .180 | 2.640 | 5.421 | .. | .. | X |
| 3³/₁₆ | .188 | 2.624 | 5.646 | .. | X | .. |
| 7⁷/₃₂ | .219 | 2.562 | 6.505 | .. | X | .. |
| 1¹/₄ | .250 | 2.500 | 7.343 | .. | X | X |
| 9⁹/₃₂ | .281 | 2.438 | 8.160 | .. | X | .. |
| 5⁵/₁₆ | .313 | 2.374 | 8.982 | .. | X | .. |

*Produced to O.D. and Wall dimensions
†Only available Cold Rolled

STEEL TUBING ROUND MECHANICAL



**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | HF Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|--------------|------------|------------------|
| 3 x | | | | | | | |
| 1 ¹ / ₃₂ | .344 | 2.312 | 9.758 | .. | .. | X | .. |
| 3 ⁸ | .375 | 2.250 | 10.51 | .. | .. | X | .. |
| 7 ¹⁶ | .438 | 2.124 | 11.98 | .. | .. | X | .. |
| 1 ² | .500 | 2.000 | 13.35 | .. | .. | X | .. |
| 9 ¹⁶ | .563 | 1.874 | 14.65 | .. | .. | X | .. |
| 5 ⁸ | .625 | 1.750 | 15.85 | .. | .. | X | .. |
| 11 ¹⁶ | .688 | 1.624 | 16.99 | X | .. | .. | .. |
| 3 ⁴ | .750 | 1.500 | 18.02 | X | X | .. | .. |
| 7 ⁸ | .875 | 1.250 | 19.86 | X | .. | .. | .. |
| 1 | 1.000 | 1.000 | 21.36 | X* | .. | .. | .. |
| 3¹/₈ 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 | 2.749 | 5.897 | .. | .. | X | .. |
| 7 ³² | .219 | 2.687 | 6.797 | .. | .. | X | .. |
| 1 ⁴ | .250 | 2.625 | 7.676 | .. | .. | X | .. |
| 5 ¹⁶ | .313 | 2.499 | 9.400 | .. | .. | X | .. |
| 3 ⁸ | .375 | 2.375 | 11.01 | .. | .. | X | .. |
| 7 ¹⁶ | .438 | 2.249 | 12.57 | .. | .. | X | .. |
| 1 ² | .500 | 2.125 | 14.02 | .. | .. | X | .. |
| 9 ¹⁶ | .563 | 1.999 | 15.40 | .. | .. | X | .. |
| 5 ⁸ | .625 | 1.875 | 16.69 | .. | .. | X | .. |
| 3 ⁴ | .750 | 1.625 | 19.02 | X | .. | .. | .. |
| 3¹/₄ x | | | | | | | |
| 16 | .065 | 3.120 | 2.221 | .. | .. | .. | X |
| 13 | .095 | 3.060 | 3.201 | .. | .. | X | .. |
| 11 | .120 | 3.010 | 4.011 | .. | .. | X | X |
| 1 ⁸ | .125 | 3.000 | 4.172 | .. | .. | X | .. |
| 5 ³² | .156 | 2.938 | 5.155 | .. | .. | X | .. |
| 3 ¹⁶ | .188 | 2.874 | 6.148 | .. | .. | 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 | 10.68 | .. | .. | X | .. |
| 3 ⁸ | .375 | 2.500 | 11.51 | .. | .. | X | .. |
| 7 ¹⁶ | .438 | 2.374 | 13.15 | .. | .. | X | .. |
| 1 ² | .500 | 2.250 | 14.69 | .. | .. | X | .. |
| 9 ¹⁶ | .563 | 2.124 | 16.16 | .. | .. | X | .. |
| 5 ⁸ | .625 | 2.000 | 17.52 | .. | .. | X | .. |
| 3 ⁴ | .750 | 1.750 | 20.03 | X | .. | .. | .. |
| 7 ⁸ | .875 | 1.500 | 22.19 | X* | .. | .. | .. |
| 1 | 1.000 | 1.250 | 24.03 | X* | .. | .. | .. |

*Produced to O.D. and Wall dimensions



STEEL TUBING ROUND MECHANICAL

**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 3³/₈ x | | | | | | | |
| 1/8 | .125 | 3.125 | 4.339 | .. | .. | X | .. |
| 3/16 | .188 | 2.999 | 6.399 | .. | .. | X | .. |
| 1/4 | .250 | 2.875 | 8.344 | .. | .. | X | .. |
| 5/16 | .313 | 2.749 | 10.24 | .. | .. | X | .. |
| 3/8 | .375 | 2.625 | 12.02 | .. | .. | X | .. |
| 7/16 | .438 | 2.499 | 13.74 | .. | .. | X | .. |
| 1/2 | .500 | 2.375 | 15.35 | .. | .. | X | .. |
| 5/8 | .625 | 2.125 | 18.36 | .. | .. | X | .. |
| 3/4 | .750 | 1.875 | 21.03 | X | .. | .. | .. |
| 3¹/₂ x | | | | | | | |
| 18 | .049 | 3.402 | 1.806 | .. | .. | .. | X† |
| 16 | .065 | 3.370 | 2.385 | .. | .. | X | X |
| 14 | .083 | 3.334 | 3.029 | .. | .. | 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 | .. |
| 7 | .180 | 3.140 | 6.382 | .. | .. | .. | X |
| 3/16 | .188 | 3.124 | 6.650 | .. | .. | X | .. |
| 7/32 | .219 | 3.062 | 7.674 | .. | .. | X | .. |
| 1/4 | .250 | 3.000 | 8.678 | .. | .. | X | X |
| 9/32 | .281 | 2.938 | 9.661 | .. | .. | X | .. |
| 5/16 | .313 | 2.874 | 10.65 | .. | .. | X | .. |
| 11/32 | .344 | 2.812 | 11.59 | .. | .. | X | .. |
| 3/8 | .375 | 2.750 | 12.52 | .. | .. | X | .. |
| 7/16 | .438 | 2.624 | 14.32 | .. | .. | X | .. |
| 1/2 | .500 | 2.500 | 16.02 | .. | X | X | .. |
| 9/16 | .563 | 2.374 | 17.66 | .. | .. | X | .. |
| 5/8 | .625 | 2.250 | 19.19 | .. | .. | X | .. |
| 3/4 | .750 | 2.000 | 22.03 | X | .. | .. | .. |
| 7/8 | .875 | 1.750 | 24.53 | X | .. | .. | .. |
| 1 | 1.000 | 1.500 | 26.70 | X* | .. | .. | .. |
| 3⁵/₈ x | | | | | | | |
| 16 | .065 | 3.495 | 2.471 | .. | .. | X†† | .. |
| 1/8 | .125 | 3.375 | 4.673 | .. | .. | X | .. |
| 3/16 | .188 | 3.249 | 6.901 | .. | .. | X | .. |
| 1/4 | .250 | 3.125 | 9.011 | .. | .. | X | .. |
| 5/16 | .313 | 2.999 | 11.07 | .. | .. | X | .. |
| 3/8 | .375 | 2.875 | 13.02 | .. | .. | X | .. |
| 1/2 | .500 | 2.625 | 16.69 | .. | .. | X | .. |
| 9/16 | .563 | 2.499 | 18.41 | .. | .. | X | .. |
| 5/8 | .625 | 2.375 | 20.03 | .. | .. | X | .. |
| 3/4 | .750 | 2.125 | 23.03 | X | .. | .. | .. |
| 3³/₄ x | | | | | | | |
| 13 | .095 | 3.560 | 3.708 | .. | .. | X | .. |
| 1/8 | .125 | 3.500 | 4.839 | .. | .. | X | .. |
| 10 | .134 | 3.482 | 5.175 | .. | .. | X | .. |

* Produced to O.D. and Wall dimensions
† Only available Cold Rolled
†† MT 1010 chemistry

STEEL TUBING ROUND MECHANICAL



SEAMLESS DOM WELDED ELECTRIC WELDED

Stock Lengths and Identification Color, Page 93

Continued from preceding page

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 3³/₄ x | | | | | | | |
| 3/16 | .188 | 3.374 | 7.152 | .. | .. | X | .. |
| 7/32 | .219 | 3.312 | 8.259 | .. | .. | X | .. |
| 1/4 | .250 | 3.250 | 9.345 | .. | .. | X | .. |
| 5/16 | .313 | 3.124 | 11.49 | .. | .. | X | .. |
| 11/32 | .344 | 3.062 | 12.51 | .. | .. | X | .. |
| 3/8 | .375 | 3.000 | 13.52 | .. | .. | X | .. |
| 7/16 | .438 | 2.874 | 15.49 | .. | .. | X | .. |
| 1/2 | .500 | 2.750 | 17.36 | .. | X | X | .. |
| 9/16 | .563 | 2.624 | 19.16 | .. | .. | X | .. |
| 5/8 | .625 | 2.500 | 20.86 | .. | .. | X | .. |
| 11/16 | .688 | 2.374 | 22.50 | X | .. | .. | .. |
| 3/4 | .750 | 2.250 | 24.03 | X | .. | .. | .. |
| 7/8 | .875 | 2.000 | 26.87 | X | .. | .. | .. |
| 1 | 1.000 | 1.750 | 29.37 | X* | X | .. | .. |
| 3⁷/₈ x | | | | | | | |
| 1/8 | .125 | 3.625 | 5.006 | .. | .. | X | .. |
| 3/16 | .188 | 3.499 | 7.403 | .. | .. | X | .. |
| 1/4 | .250 | 3.375 | 9.679 | .. | .. | X | .. |
| 5/16 | .313 | 3.249 | 11.91 | .. | .. | X | .. |
| 3/8 | .375 | 3.125 | 14.02 | .. | .. | X | .. |
| 7/16 | .438 | 2.999 | 16.08 | .. | .. | X | .. |
| 1/2 | .500 | 2.875 | 18.02 | .. | .. | X | .. |
| 5/8 | .625 | 2.652 | 21.69 | .. | .. | X | .. |
| 3/4 | .750 | 2.375 | 25.03 | X | .. | .. | .. |
| 4 x | | | | | | | |
| 16 | .065 | 3.870 | 2.732 | .. | .. | .. | X |
| 14 | .083 | 3.834 | 3.472 | .. | .. | X | X |
| 13 | .095 | 3.810 | 3.962 | .. | .. | X | X |
| 11 | .120 | 3.760 | 4.973 | .. | .. | X | X** |
| 1/8 | .125 | 3.750 | 5.173 | .. | .. | X | .. |
| 10 | .134 | 3.732 | 5.533 | .. | .. | .. | X |
| 7 | .180 | 3.640 | 7.344 | .. | .. | .. | X |
| 3/16 | .188 | 3.624 | 7.654 | .. | .. | X | .. |
| 7/32 | .219 | 3.562 | 8.844 | .. | .. | X | X |
| 1/4 | .250 | 3.500 | 10.01 | .. | .. | X | X |
| 9/32 | .281 | 3.438 | 11.16 | .. | .. | X | .. |
| 5/16 | .313 | 3.374 | 12.33 | .. | .. | X | .. |
| 3/8 | .375 | 3.250 | 14.52 | .. | .. | X | .. |
| 7/16 | .438 | 3.124 | 16.66 | .. | .. | X | .. |
| 1/2 | .500 | 3.000 | 18.69 | .. | X | X | .. |
| 9/16 | .563 | 2.874 | 20.67 | .. | .. | X | .. |
| 5/8 | .625 | 2.750 | 22.53 | .. | .. | X | .. |
| 11/16 | .688 | 2.624 | 24.34 | X | .. | .. | .. |
| 3/4 | .750 | 2.500 | 26.03 | X | X | .. | .. |
| 7/8 | .875 | 2.250 | 29.20 | X | .. | .. | .. |
| 1 | 1.000 | 2.000 | 32.04 | X | X | .. | .. |
| 1 1/8 | 1.125 | 1.750 | 34.54 | X* | .. | .. | .. |
| 1 1/4 | 1.250 | 1.500 | 36.71 | X* | .. | .. | .. |

*Produced to O.D. and Wall dimensions
**24 ft.



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 4¹/₈ x | | | | | | | |
| ³ / ₁₆ | .188 | 3.749 | 7.905 | .. | .. | X | .. |
| ¹ / ₄ | .250 | 3.625 | 10.35 | .. | .. | X | .. |
| ⁵ / ₁₆ | .313 | 3.499 | 12.74 | .. | .. | X | .. |
| ³ / ₈ | .375 | 3.375 | 15.02 | .. | .. | X | .. |
| ¹ / ₂ | .500 | 3.125 | 19.36 | .. | .. | X | .. |
| 4¹/₄ x | | | | | | | |
| 16 | .065 | 4.120 | 2.905 | .. | .. | .. | X |
| 11 | .120 | 4.010 | 5.293 | .. | .. | X | X** |
| ¹ / ₈ | .125 | 4.000 | 5.507 | .. | .. | X | .. |
| ⁵ / ₃₂ | .156 | 3.938 | 6.821 | .. | .. | X | .. |
| ¹ / ₄ | .250 | 3.750 | 10.68 | .. | .. | X | .. |
| ⁵ / ₁₆ | .313 | 3.624 | 13.16 | .. | .. | X | .. |
| ¹¹ / ₃₂ | .344 | 3.562 | 14.35 | .. | .. | X | .. |
| ³ / ₈ | .375 | 3.500 | 15.52 | .. | .. | X | .. |
| ⁷ / ₁₆ | .438 | 3.374 | 17.83 | .. | .. | X | .. |
| ¹ / ₂ | .500 | 3.250 | 20.03 | .. | .. | X | .. |
| ⁵ / ₈ | .625 | 3.000 | 24.20 | .. | .. | X | .. |
| ¹¹ / ₁₆ | .688 | 2.874 | 26.17 | X | .. | .. | .. |
| ³ / ₄ | .750 | 2.750 | 28.04 | X | .. | .. | .. |
| ⁷ / ₈ | .875 | 2.500 | 31.54 | X | .. | .. | .. |
| 1 | 1.000 | 2.250 | 34.71 | X | X | .. | .. |
| 1¹/₈ | 1.125 | 2.000 | 37.55 | X* | .. | .. | .. |
| 1¹/₄ | 1.250 | 1.750 | 40.05 | X* | X | .. | .. |
| 4³/₈ x | | | | | | | |
| ³ / ₁₆ | .188 | 3.999 | 8.407 | .. | .. | X | .. |
| ¹ / ₄ | .250 | 3.875 | 11.01 | .. | .. | X | .. |
| ⁵ / ₁₆ | .313 | 3.749 | 13.58 | .. | .. | X | .. |
| ³ / ₈ | .375 | 3.625 | 16.02 | .. | .. | X | .. |
| ¹ / ₂ | .500 | 3.375 | 20.69 | .. | .. | X | .. |
| ⁵ / ₈ | .625 | 3.125 | 25.03 | .. | .. | X | .. |
| ³ / ₄ | .750 | 2.875 | 29.04 | X | .. | .. | .. |
| 4¹/₂ 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 | .. |
| 7 | .180 | 4.140 | 8.305 | .. | .. | .. | X |
| ³ / ₁₆ | .188 | 4.124 | 8.658 | .. | .. | X | .. |
| ⁷ / ₃₂ | .219 | 4.062 | 10.01 | .. | .. | X | .. |
| ¹ / ₄ | .250 | 4.000 | 11.35 | .. | .. | X | X |
| ⁵ / ₁₆ | .313 | 3.874 | 14.00 | .. | .. | X | .. |

* Produced to O.D. and Wall dimensions

** 24 ft. only

† Grade 1020

STEEL TUBING ROUND MECHANICAL

**SEAMLESS DOM WELDED
ELECTRIC WELDED**



| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|----------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 4 1/2 x | | | | | | | |
| 3/8 | .375 | 3.750 | 16.52 | .. | .. | X | .. |
| 7/16 | .438 | 3.624 | 19.00 | .. | .. | X | .. |
| 1/2 | .500 | 3.500 | 21.36 | .. | .. | X | .. |
| 9/16 | .563 | 3.374 | 23.67 | .. | .. | X | .. |
| 5/8 | .625 | 3.250 | 25.87 | .. | .. | X | .. |
| 3/4 | .750 | 3.000 | 30.04 | X | X | .. | .. |
| 7/8 | .875 | 2.750 | 33.88 | X | .. | .. | .. |
| 1 | 1.000 | 2.500 | 37.38 | X | X | .. | .. |
| 1 1/8 | 1.125 | 2.250 | 40.55 | X | .. | .. | .. |
| 1 1/4 | 1.250 | 2.000 | 43.39 | X* | X | .. | .. |
| 1 1/2 | 1.500 | 1.500 | 48.06 | .. | X | .. | .. |
| 4 5/8 x | | | | | | | |
| 3/16 | .188 | 4.249 | 8.909 | .. | .. | X | .. |
| 1/4 | .250 | 4.125 | 11.68 | .. | .. | X | .. |
| 5/16 | .313 | 3.999 | 14.41 | .. | .. | X | .. |
| 3/8 | .375 | 3.875 | 17.02 | .. | .. | X | .. |
| 1/2 | .500 | 3.625 | 22.03 | .. | .. | X | .. |
| 5/8 | .625 | 3.375 | 26.70 | .. | .. | X | .. |
| 3/4 | .750 | 3.125 | 31.04 | X | .. | .. | .. |
| 4 3/4 x | | | | | | | |
| 11 | .120 | 4.510 | 5.934 | .. | .. | .. | X |
| 1/8 | .125 | 4.500 | 6.174 | .. | .. | X | .. |
| 3/16 | .188 | 4.374 | 9.160 | .. | .. | X | .. |
| 1/4 | .250 | 4.250 | 12.02 | .. | .. | X | .. |
| 5/16 | .313 | 4.124 | 14.83 | .. | .. | X | .. |
| 3/8 | .375 | 4.000 | 17.52 | .. | .. | X | .. |
| 7/16 | .438 | 3.874 | 20.17 | .. | .. | X | .. |
| 1/2 | .500 | 3.750 | 22.70 | .. | .. | X | .. |
| 5/8 | .625 | 3.500 | 27.53 | .. | .. | X | .. |
| 3/4 | .750 | 3.250 | 32.04 | X | X | .. | .. |
| 7/8 | .875 | 3.000 | 36.21 | X | .. | .. | .. |
| 1 | 1.000 | 2.750 | 40.05 | X | .. | .. | .. |
| 1 1/4 | 1.250 | 2.250 | 46.73 | X* | X | .. | .. |
| 4 7/8 x | | | | | | | |
| 3/16 | .188 | 4.499 | 9.411 | .. | .. | X | .. |
| 1/4 | .250 | 4.375 | 12.35 | .. | .. | X | .. |
| 7/16 | .438 | 3.999 | 20.76 | .. | .. | X | .. |
| 1/2 | .500 | 3.875 | 23.36 | .. | .. | X | .. |
| 3/4 | .750 | 3.375 | 33.04 | X | .. | .. | .. |
| 5 x | | | | | | | |
| 16 | .065 | 4.870 | 3.426 | .. | .. | .. | X |
| 14 | .083 | 4.834 | 4.359 | .. | .. | .. | X |
| 11 | .120 | 4.760 | 6.254 | .. | .. | X | X |
| 1/8 | .125 | 4.750 | 6.508 | .. | .. | X | .. |
| 7 | .180 | 4.640 | 9.266 | .. | .. | .. | X |
| 3/16 | .188 | 4.624 | 9.662 | .. | .. | X | .. |
| 1/4 | .250 | 4.500 | 12.68 | .. | .. | X | X |
| 5/16 | .313 | 4.374 | 15.67 | .. | .. | X | .. |

*Produced to O.D. and Wall dimensions



STEEL TUBING ROUND MECHANICAL

SEAMLESS DOM WELDED
ELECTRIC WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|----------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 5 x | | | | | | | |
| 3/8 | .375 | 4.250 | 18.52 | .. | .. | X | .. |
| 7/16 | .438 | 4.124 | 21.34 | .. | .. | X | .. |
| 1/2 | .500 | 4.000 | 24.03 | .. | X | X | .. |
| 9/16 | .563 | 3.874 | 26.68 | .. | .. | X | .. |
| 5/8 | .625 | 3.750 | 29.20 | .. | .. | X | .. |
| 3/4 | .750 | 3.500 | 34.04 | X | X | .. | .. |
| 7/8 | .875 | 3.250 | 38.55 | X | X | .. | .. |
| 1 | 1.000 | 3.000 | 42.72 | X | X | .. | .. |
| 1 1/8 | 1.125 | 2.750 | 46.56 | X | .. | .. | .. |
| 1 1/4 | 1.250 | 2.500 | 50.06 | X | X | .. | .. |
| 1 1/2 | 1.500 | 2.000 | 56.07 | .. | X | .. | .. |
| 5 1/8 x | | | | | | | |
| 5/16 | .313 | 4.499 | 16.09 | .. | .. | X | .. |
| 3/8 | .625 | 3.875 | 30.04 | .. | .. | X | .. |
| 1 | 1.000 | 3.125 | 44.06 | X | .. | .. | .. |
| 5 1/4 x | | | | | | | |
| 1/8 | .125 | 5.000 | 6.842 | .. | .. | X | .. |
| 3/16 | .188 | 4.874 | 10.16 | .. | .. | X | .. |
| 1/4 | .250 | 4.750 | 13.35 | .. | .. | X | .. |
| 5/16 | .313 | 4.624 | 16.50 | .. | .. | X | .. |
| 3/8 | .375 | 4.500 | 19.52 | .. | .. | X | .. |
| 1/2 | .500 | 4.250 | 25.37 | .. | .. | X | .. |
| 5/8 | .625 | 4.000 | 30.87 | .. | .. | X | .. |
| 3/4 | .750 | 3.750 | 36.05 | X | .. | .. | .. |
| 7/8 | .875 | 3.500 | 40.88 | X | X | .. | .. |
| 1 | 1.000 | 3.250 | 45.39 | X | X | .. | .. |
| 1 1/4 | 1.250 | 2.750 | 53.40 | X | X | .. | .. |
| 5 3/8 x | | | | | | | |
| 3/16 | .188 | 4.999 | 10.41 | .. | .. | X | .. |
| 5 1/2 x | | | | | | | |
| 16 | .065 | 5.370 | 3.773 | .. | .. | .. | X |
| 11 | .120 | 5.260 | 6.895 | .. | .. | X | X |
| 1/8 | .125 | 5.250 | 7.176 | .. | .. | X | .. |
| 3/16 | .188 | 5.124 | 10.67 | .. | .. | X | .. |
| 1/4 | .250 | 5.000 | 14.02 | .. | .. | X | X |
| 5/16 | .313 | 4.874 | 17.34 | .. | .. | X | .. |
| 3/8 | .375 | 4.750 | 20.53 | .. | .. | X | .. |
| 7/16 | .438 | 4.624 | 23.68 | .. | .. | X | .. |
| 1/2 | .500 | 4.500 | 26.70 | .. | .. | X | .. |
| 5/8 | .625 | 4.250 | 32.54 | .. | .. | X | .. |
| 3/4 | .750 | 4.000 | 38.05 | X | .. | .. | .. |
| 7/8 | .875 | 3.750 | 43.22 | X | .. | .. | .. |
| 1 | 1.000 | 3.500 | 48.06 | X | X | .. | .. |
| 1 1/4 | 1.250 | 3.000 | 56.74 | X | X | .. | .. |
| 1 1/2 | 1.500 | 2.500 | 64.08 | .. | X | .. | .. |
| 5 5/8 x | | | | | | | |
| 5/16 | .313 | 4.999 | 17.76 | .. | .. | X | .. |
| 3/8 | .375 | 4.875 | 21.03 | .. | .. | X | .. |
| 5/8 | .625 | 4.375 | 33.38 | .. | .. | X | .. |

*Produced to O.D. and Wall dimensions

STEEL TUBING ROUND MECHANICAL



**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Go. | Wall | I.D. | lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 5³/₄ x | | | | | | | |
| 1/8 | .125 | 5.500 | 7.509 | .. | .. | X | .. |
| 3/16 | .188 | 5.374 | 11.17 | .. | .. | X | .. |
| 1/4 | .250 | 5.250 | 14.69 | .. | .. | X | .. |
| 5/16 | .313 | 5.124 | 18.18 | .. | .. | X | .. |
| 3/8 | .375 | 5.000 | 21.53 | .. | .. | X | .. |
| 1/2 | .500 | 4.750 | 28.04 | .. | .. | X | .. |
| 5/8 | .625 | 4.500 | 34.21 | .. | .. | X | .. |
| 3/4 | .750 | 4.250 | 40.05 | X | .. | .. | .. |
| 7/8 | .875 | 4.000 | 45.56 | X | .. | .. | .. |
| 1 | 1.000 | 3.750 | 50.73 | X | X | .. | .. |
| 6 x | | | | | | | |
| 16 | .065 | 5.870 | 4.120 | .. | .. | .. | X |
| 14 | .083 | 5.834 | 5.245 | .. | .. | .. | X |
| 11 | .120 | 5.760 | 7.536 | .. | .. | .. | X |
| 1/8 | .125 | 5.750 | 7.843 | .. | .. | X | .. |
| 10 | .134 | 5.732 | 8.395 | .. | .. | .. | X |
| 7 | .180 | 5.640 | 11.19 | .. | .. | .. | X** |
| 3/16 | .188 | 5.624 | 11.67 | .. | .. | X | .. |
| 1/4 | .250 | 5.500 | 15.35 | .. | .. | X | X |
| 5/16 | .313 | 5.374 | 19.01 | .. | .. | X | .. |
| 3/8 | .375 | 5.250 | 22.53 | .. | .. | X | .. |
| 1/2 | .500 | 5.000 | 29.37 | .. | X | X | .. |
| 9/16 | .563 | 4.874 | 32.69 | .. | .. | X | .. |
| 5/8 | .625 | 4.750 | 35.88 | .. | .. | X | .. |
| 3/4 | .750 | 4.500 | 42.05 | X | .. | .. | .. |
| 7/8 | .875 | 4.250 | 47.89 | X | .. | .. | .. |
| 1 | 1.000 | 4.000 | 53.40 | X | X | .. | .. |
| 1 1/4 | 1.250 | 3.500 | 63.41 | X | X | .. | .. |
| 1 1/2 | 1.500 | 3.000 | 72.09 | .. | X | .. | .. |
| 6 1/4 x | | | | | | | |
| 1/8 | .125 | 6.000 | 8.177 | .. | .. | X | .. |
| 3/16 | .188 | 5.874 | 12.17 | .. | .. | X | .. |
| 1/4 | .250 | 5.750 | 16.02 | .. | .. | X | .. |
| 5/16 | .313 | 5.624 | 19.85 | .. | .. | X | .. |
| 3/8 | .375 | 5.500 | 23.53 | .. | .. | X | .. |
| 1/2 | .500 | 5.250 | 30.71 | .. | .. | X | .. |
| 5/8 | .625 | 5.000 | 37.55 | .. | .. | X | .. |
| 3/4 | .750 | 4.750 | 44.06 | X | .. | .. | .. |
| 7/8 | .875 | 4.500 | 50.23 | X | .. | .. | .. |
| 1 | 1.000 | 4.250 | 56.07 | X | X | .. | .. |
| 6 1/2 x | | | | | | | |
| 10 | .134 | 6.232 | 9.111 | .. | .. | X | .. |
| 3/16 | .188 | 6.124 | 12.67 | .. | .. | X | .. |
| 1/4 | .250 | 6.000 | 16.69 | .. | .. | X | .. |
| 3/8 | .375 | 5.750 | 24.53 | .. | .. | X | .. |
| 1/2 | .500 | 5.500 | 32.04 | .. | .. | X | .. |
| 5/8 | .625 | 5.250 | 39.22 | .. | .. | X | .. |
| 3/4 | .750 | 5.000 | 46.06 | X | .. | .. | .. |
| 7/8 | .875 | 4.750 | 52.57 | X | .. | .. | .. |

*Produced to O.D. and Wall dimensions
**1008 — Ends Plain



**STEEL TUBING
ROUND MECHANICAL**
SEAMLESS DOM WELDED
ELECTRIC WELDED

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 6¹/₂ x | | | | | | | |
| 1 | 1.000 | 4.500 | 58.74 | X | X | .. | .. |
| 1 ¹ / ₄ | 1.250 | 4.000 | 70.09 | X | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 3.500 | 80.10 | .. | X | .. | .. |
| 6⁵/₈ x | | | | | | | |
| 1/8 | .125 | 6.375 | 8.678 | .. | .. | .. | X |
| 3/16 | .188 | 6.249 | 12.92 | .. | .. | X | .. |
| 6³/₄ x | | | | | | | |
| 1/4 | .250 | 6.250 | 17.36 | .. | .. | X | .. |
| 3/8 | .375 | 6.000 | 25.53 | .. | .. | X | .. |
| 1/2 | .500 | 5.750 | 33.38 | .. | .. | X | .. |
| 3/4 | .750 | 5.250 | 48.06 | X | .. | .. | .. |
| 7/8 | .875 | 5.000 | 54.90 | X | .. | .. | .. |
| 1 | 1.000 | 4.750 | 61.41 | X | X | .. | .. |
| 7 x | | | | | | | |
| 17 | .058 | 6.884 | 4.300 | .. | .. | .. | X |
| 15 | .072 | 6.856 | 5.327 | .. | .. | .. | X |
| 1/8 | .125 | 6.750 | 9.178 | .. | .. | .. | X |
| 3/16 | .188 | 6.624 | 13.68 | .. | .. | X | .. |
| 1/4 | .250 | 6.500 | 18.02 | .. | .. | X | .. |
| 3/8 | .375 | 6.250 | 26.53 | .. | .. | X | .. |
| 1/2 | .500 | 6.000 | 34.71 | .. | X | X | .. |
| 5/8 | .625 | 5.750 | 42.55 | .. | .. | X | .. |
| 3/4 | .750 | 5.500 | 50.06 | X | X | .. | .. |
| 1 | 1.000 | 5.000 | 64.08 | X | X | .. | .. |
| 1 ¹ / ₄ | 1.250 | 4.500 | 76.76 | X | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 4.000 | 88.11 | .. | X | .. | .. |
| 1 ⁷ / ₈ | 1.875 | 3.250 | 102.6 | .. | X | .. | .. |
| 2 | 2.000 | 3.000 | 106.8 | .. | X | .. | .. |
| 7¹/₄ x | | | | | | | |
| 3/16 | .188 | 6.874 | 14.18 | .. | .. | X | .. |
| 1/4 | .250 | 6.750 | 18.69 | .. | .. | X | .. |
| 3/8 | .375 | 6.500 | 27.53 | .. | .. | X | .. |
| 1/2 | .500 | 6.250 | 36.05 | .. | .. | X | .. |
| 3/4 | .750 | 5.750 | 52.07 | X | .. | .. | .. |
| 1 | 1.000 | 5.250 | 66.75 | X | X | .. | .. |
| 7¹/₂ x | | | | | | | |
| 1/4 | .250 | 7.000 | 19.36 | .. | .. | X | .. |
| 3/8 | .375 | 6.750 | 28.54 | .. | .. | X | .. |
| 1/2 | .500 | 6.500 | 37.38 | .. | .. | X | .. |
| 5/8 | .625 | 6.250 | 45.89 | .. | .. | X | .. |
| 3/4 | .750 | 6.000 | 54.07 | X | .. | .. | .. |
| 1 | 1.000 | 5.500 | 69.42 | X | X | .. | .. |
| 1 ¹ / ₄ | 1.250 | 5.000 | 83.44 | X | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 4.500 | 96.12 | .. | X | .. | .. |

*Produced to O.D. and Wall dimensions

STEEL TUBING ROUND MECHANICAL



**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-------------------------------------|-------|-------|--------------|---------------|----------------|------------|------------------|
| 7³/₄ x | | | | | | | |
| 1/4 | .250 | 7.250 | 20.03 | .. | .. | X | .. |
| 3/8 | .375 | 7.000 | 29.54 | .. | .. | X | .. |
| 1/2 | .500 | 6.750 | 38.72 | .. | .. | X | .. |
| 5/8 | .625 | 6.500 | 47.56 | .. | .. | X | .. |
| 3/4 | .750 | 6.250 | 56.07 | X | .. | .. | .. |
| 1 | 1.000 | 5.750 | 72.09 | X | X | .. | .. |
| 8 x | | | | | | | |
| 15 | .072 | 7.856 | 6.096 | .. | .. | .. | X |
| 12 | .109 | 7.782 | 9.186 | .. | .. | .. | X |
| 1/8 | .125 | 7.750 | 10.51 | .. | .. | .. | X |
| 10 | .134 | 7.732 | 11.26 | .. | .. | .. | X |
| 3/16 | .188 | 7.624 | 15.69 | .. | .. | .. | X |
| 1/4 | .250 | 7.500 | 20.69 | .. | .. | X | X |
| 3/8 | .375 | 7.250 | 30.54 | .. | .. | X | .. |
| 1/2 | .500 | 7.000 | 40.05 | .. | X | X | .. |
| 5/8 | .625 | 6.750 | 49.23 | .. | .. | X | .. |
| 3/4 | .750 | 6.500 | 58.07 | X | X | .. | .. |
| 1 | 1.000 | 6.000 | 74.76 | X | X | .. | .. |
| 1 1/8 | 1.125 | 5.750 | 82.60 | X | .. | .. | .. |
| 1 1/4 | 1.250 | 5.500 | 90.11 | X | X | .. | .. |
| 1 1/2 | 1.500 | 5.000 | 104.1 | .. | X | .. | .. |
| 2 | 2.000 | 4.000 | 128.2 | .. | X | .. | .. |
| 8 1/4 x | | | | | | | |
| 1/4 | .250 | 7.750 | 21.36 | .. | .. | X | .. |
| 1/2 | .500 | 7.250 | 41.39 | .. | .. | X | .. |
| 3/8 | .625 | 7.000 | 50.90 | .. | .. | X | .. |
| 3/4 | .750 | 6.750 | 60.08 | X | .. | .. | .. |
| 1 | 1.000 | 6.250 | 77.43 | X | X | .. | .. |
| 8 1/2 x | | | | | | | |
| 1/4 | .250 | 8.000 | 22.03 | .. | .. | X | .. |
| 3/8 | .375 | 7.750 | 32.54 | .. | .. | X | .. |
| 1/2 | .500 | 7.500 | 42.72 | .. | .. | X | .. |
| 5/8 | .625 | 7.250 | 52.57 | .. | .. | X | .. |
| 3/4 | .750 | 7.000 | 62.08 | X | X | .. | .. |
| 1 | 1.000 | 6.500 | 80.10 | X | X | .. | .. |
| 1 1/4 | 1.250 | 6.000 | 96.79 | X | X | .. | .. |
| 1 1/2 | 1.500 | 5.500 | 112.1 | .. | X | .. | .. |
| 8 5/8 x | | | | | | | |
| 1/8 | .125 | 8.375 | 11.35 | .. | .. | .. | X |
| 8 3/4 x | | | | | | | |
| 3/8 | .375 | 8.000 | 33.54 | .. | .. | X | .. |
| 1 | 1.000 | 6.750 | 82.77 | X | X | .. | .. |
| 1 1/2 | 1.500 | 5.750 | 116.1 | .. | X | .. | .. |
| 9 x | | | | | | | |
| 1/4 | .250 | 8.500 | 23.36 | .. | .. | X | .. |
| 1/2 | .500 | 8.000 | 45.39 | .. | X | X | .. |

*Produced to O.D. and Wall dimensions



STEEL TUBING ROUND MECHANICAL

**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|-----------------|-------|--------|--------------|---------------|----------------|------------|------------------|
| 9 x | | | | | | | |
| 3/4 | .750 | 7.500 | 66.08 | .. | X | .. | .. |
| 1 | 1.000 | 7.000 | 85.44 | X | X | .. | .. |
| 1 1/4 | 1.250 | 6.500 | 103.5 | .. | X | .. | .. |
| 1 1/2 | 1.500 | 6.000 | 120.2 | .. | X | .. | .. |
| 2 | 2.000 | 5.000 | 149.5 | .. | X | .. | .. |
| 9 1/4 x | | | | | | | |
| 1/2 | .500 | 8.250 | 46.73 | .. | .. | X | .. |
| 3/4 | .750 | 7.750 | 68.09 | .. | X | .. | .. |
| 1 | 1.000 | 7.250 | 88.11 | X | X | .. | .. |
| 9 1/2 x | | | | | | | |
| 1/4 | .250 | 9.000 | 24.70 | .. | .. | X | .. |
| 1/2 | .500 | 8.500 | 48.06 | .. | .. | X | .. |
| 3/4 | .750 | 8.000 | 70.09 | X | X | .. | .. |
| 1 | 1.000 | 7.500 | 90.78 | X | X | .. | .. |
| 1 1/2 | 1.500 | 6.500 | 128.2 | .. | X | .. | .. |
| 2 | 2.000 | 5.500 | 160.2 | .. | X | .. | .. |
| 9 3/4 x | | | | | | | |
| 1/4 | .250 | 9.250 | 25.37 | .. | .. | X | .. |
| 1/2 | .500 | 8.750 | 49.40 | .. | .. | X | .. |
| 1 | 1.000 | 7.750 | 93.45 | .. | X | .. | .. |
| 1 1/2 | 1.500 | 6.750 | 132.2 | .. | X | .. | .. |
| 10 x | | | | | | | |
| 15 | .072 | 9.856 | 7.634 | .. | .. | .. | X |
| 12 | .109 | 9.782 | 11.51 | .. | .. | .. | X |
| 10 | .134 | 9.732 | 14.12 | .. | .. | .. | X |
| 3/16 | .188 | 9.624 | 19.70 | .. | .. | .. | X |
| 1/4 | .250 | 9.500 | 26.03 | .. | .. | X | .. |
| 3/8 | .375 | 9.250 | 38.55 | .. | .. | X | .. |
| 1/2 | .500 | 9.000 | 50.73 | .. | .. | X | .. |
| 3/4 | .750 | 8.500 | 74.09 | X | .. | .. | .. |
| 1 | 1.000 | 8.000 | 96.12 | X | X | .. | .. |
| 1 1/4 | 1.250 | 7.500 | 116.8 | X | X | .. | .. |
| 1 1/2 | 1.500 | 7.000 | 136.2 | .. | X | .. | .. |
| 2 | 2.000 | 6.000 | 170.9 | .. | X | .. | .. |
| 10 1/4 x | | | | | | | |
| 1 1/2 | 1.500 | 7.250 | 140.2 | .. | X | .. | .. |
| 10 1/2 x | | | | | | | |
| 1/4 | .250 | 10.000 | 27.37 | .. | .. | X | .. |
| 3/8 | .375 | 9.750 | 40.55 | .. | .. | X | .. |
| 1/2 | .500 | 9.500 | 53.40 | .. | .. | X | .. |
| 3/4 | .750 | 9.000 | 78.10 | .. | X | .. | .. |
| 1 | 1.000 | 8.500 | 101.5 | .. | X | .. | .. |
| 1 1/4 | 1.250 | 8.000 | 123.5 | .. | X | .. | .. |
| 1 1/2 | 1.500 | 7.500 | 144.2 | .. | X | .. | .. |

*Produced to O.D. and Wall dimensions

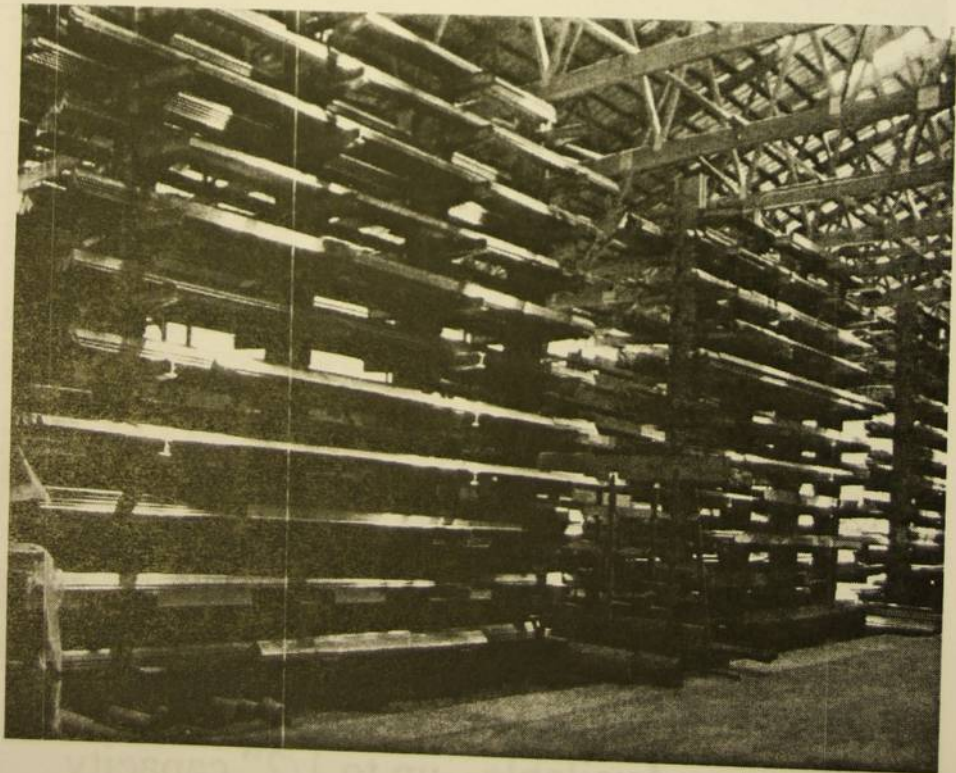
STEEL TUBING ROUND MECHANICAL

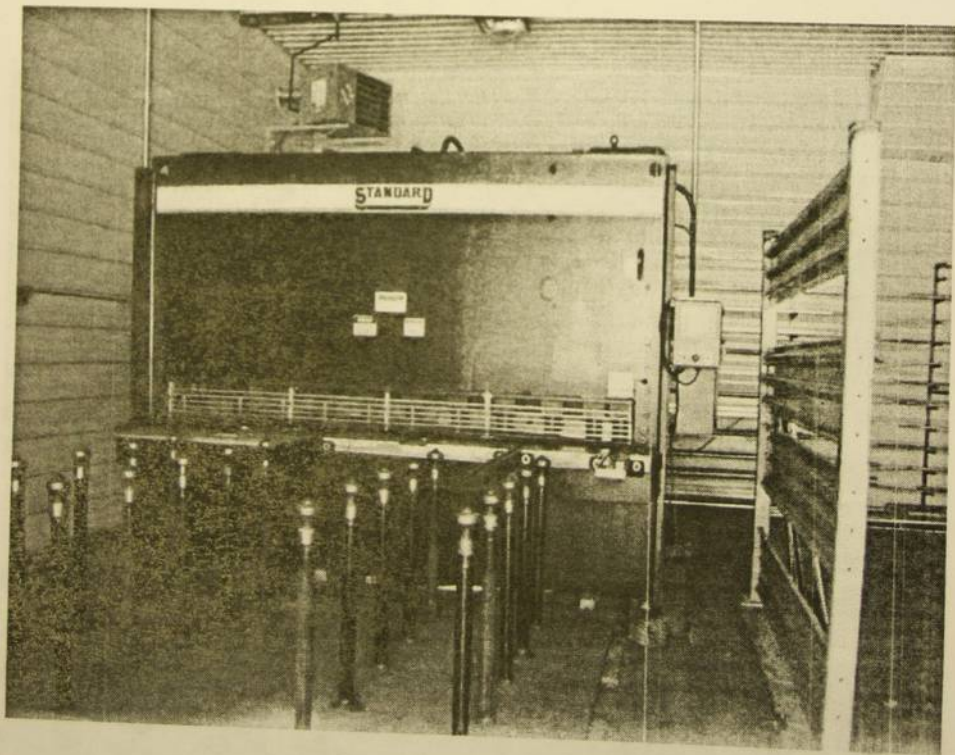
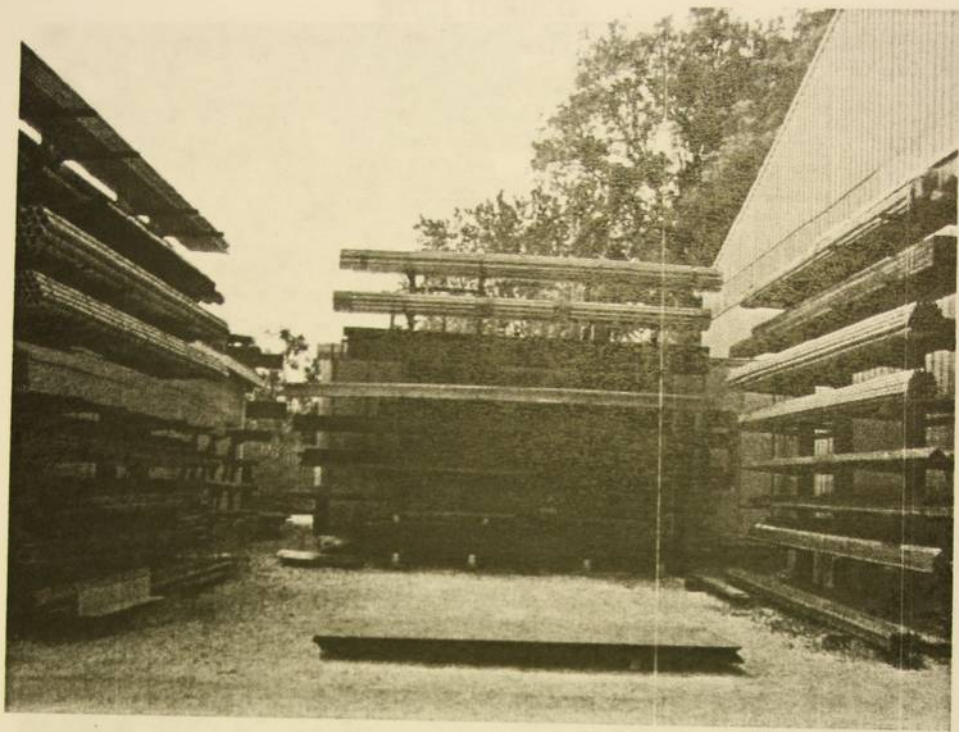


**SEAMLESS DOM WELDED
ELECTRIC WELDED**

| O.D. & Ga. | Wall | I.D. | Lbs. Per Ft. | C.D. Seamless | H.F. Seamless* | DOM Welded | Electric Welded* |
|--------------------------------------|-------|--------|--------------|---------------|----------------|------------|------------------|
| 10³/₄ x | | | | | | | |
| 1 | 1.000 | 8.750 | 104.1 | .. | X | .. | .. |
| 1 ¹ / ₄ | 1.250 | 8.250 | 126.8 | .. | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 7.750 | 148.2 | .. | X | .. | .. |
| 11 x | | | | | | | |
| 1/2 | .500 | 10.000 | 56.07 | .. | .. | X | .. |
| 1 | 1.000 | 9.000 | 106.8 | .. | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 8.000 | 152.2 | .. | X | .. | .. |
| 2 | 2.000 | 7.000 | 192.2 | .. | X | .. | .. |
| 11¹/₂ x | | | | | | | |
| 3/4 | .750 | 10.000 | 86.11 | .. | X | .. | .. |
| 1 | 1.000 | 9.500 | 112.1 | .. | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 8.500 | 160.2 | .. | X | .. | .. |
| 11³/₄ x | | | | | | | |
| 3/4 | .750 | 10.250 | 88.11 | X | X | .. | .. |
| 1 | 1.000 | 9.750 | 114.8 | .. | X | .. | .. |
| 12 x | | | | | | | |
| 3/16 | .188 | 11.624 | 23.72 | .. | .. | .. | X |
| 1/4 | .250 | 11.500 | 31.37 | .. | .. | X | .. |
| 3/8 | .375 | 11.250 | 46.56 | .. | .. | X | .. |
| 1/2 | .500 | 11.000 | 61.41 | .. | .. | X | .. |
| 3/4 | .750 | 10.500 | 90.11 | .. | X | .. | .. |
| 1 | 1.000 | 10.000 | 117.5 | .. | X | .. | .. |
| 1 ¹ / ₄ | 1.250 | 9.500 | 143.5 | .. | X | .. | .. |
| 1 ¹ / ₂ | 1.500 | 9.000 | 168.2 | .. | X | .. | .. |
| 2 | 2.000 | 8.000 | 213.6 | .. | X | .. | .. |
| 12¹/₄ x | | | | | | | |
| 3/4 | .750 | 10.750 | 92.12 | .. | X | .. | .. |
| 1 | 1.000 | 10.250 | 120.2 | .. | X | .. | .. |
| 13 x | | | | | | | |
| 1 | 1.000 | 11.000 | 128.2 | .. | X | .. | .. |
| 15 x | | | | | | | |
| 3/4 | .750 | 13.500 | 114.1 | .. | X | .. | .. |

*Produced to O.D. and Wall dimensions





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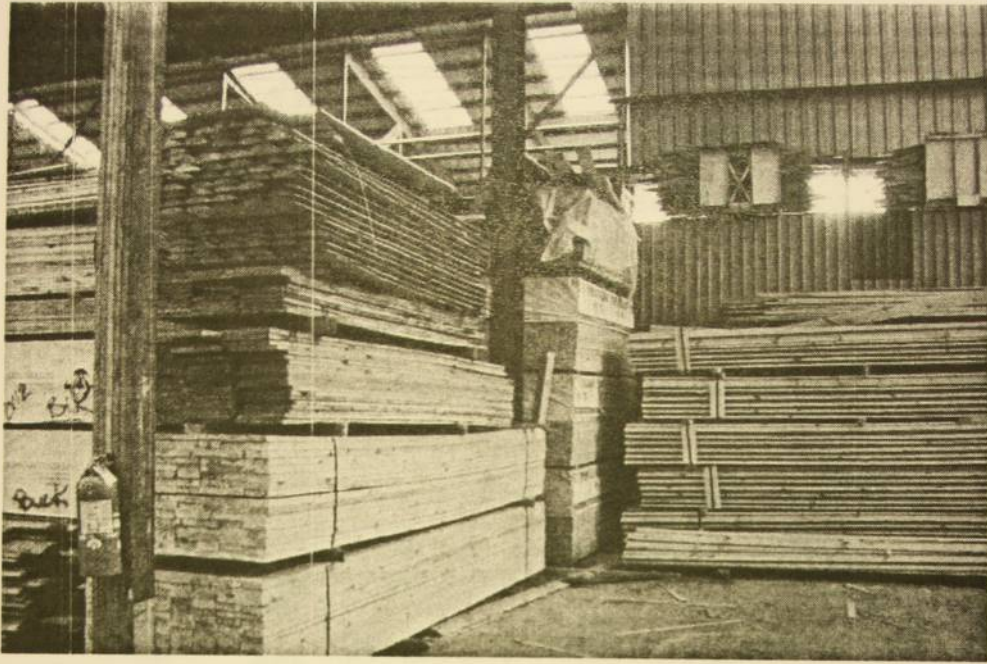
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USEFUL DATA

To find circumference of a circle, multiply diameter by 3.1416.

To find diameter of a circle, multiply circumference by .31831.

To find area of a circle, multiply square of diameter by .7854.

Area of a rectangle = length multiplied by breadth. Doubling the diameter of a circle increases its area four times.

To find area of a triangle, multiply base by 1/2 perpendicular height.

Area of ellipse = product of both diameters times .7854.

Area of parallelogram = base times altitude.

To find side of an inscribed square, multiply diameter by 0.7071 or multiply circumference by 0.2251 or divide circumference by 4.4428.

Side of inscribed cube = radius of sphere times 1.1547.

To find side of an equal square, multiply diameter by .8862 Square. A side multiplied by 1.4142 equals diameter of its circumscribing circle.

A side multiplied by 4.443 equals **circumference of its circumscribing circle**.

A side multiplied by 1.128 equals **diameter of an equal circle**.

A side multiplied by 3.547 equals **circumference of an equal circle**.

To find cubic inches in a ball, multiply cube of diameter by .5236.

To find cubic contents of a cone, multiply area of base by 1/3 the altitude.

Surface of frustrum of cone or pyramid = sum of circumference of both ends times 1/2 slant height plus area of both ends.

Contents of frustrum of cone or pyramid = multiply area of two ends and get square root. Add the 2 areas and multiply 1/3 altitude.

Doubling the diameter of a pipe increases its capacity four times.

A gallon of water (U.S. standard) weighs 8-1/3 lbs. and contains 231 cubic inches.

A cubic foot of water contains 7-1/2 gallons, 1728 cubic inches, and weighs 62 1/2 lbs.

To find the **pressure in pounds per square inch of a column of water**, multiply the height of the column in feet by .434.

To find capacity of tanks any size, given dimensions of a cylinder in inches, to find its capacity in U.S. gallons: square the diameter, multiply by the length and by .0034.

FRACTION AND DECIMAL EQUIVALENTS

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