

## TABLE OF GAUGES AND WEIGHTS

| Gauge | Steel          |                  | Galvanized Steel |                  | Stainless USS Gauge |              |               | Monel         |                  | Brass           |                  | Copper        |                  | Aluminum      |                  | Zinc          |                  | Tin           |                  |
|-------|----------------|------------------|------------------|------------------|---------------------|--------------|---------------|---------------|------------------|-----------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|
|       | USS Gauge Rev. | USS Gauge        | USS Gauge        | lbs. per sq. ft. | USS Gauge           | B&S Gauge    | BW Gauge      | B&S Gauge     | Zinc Gauge       | Tin Plate Gauge |                  |               |                  |               |                  |               |                  |               |                  |
|       | Decimal Thick  | lbs. per sq. ft. | Decimal Thick    | lbs. per sq. ft. | Decimal Thick       | Chrome Alloy | Chrome Nickel | Decimal Thick | lbs. per sq. ft. | Decimal Thick   | lbs. per sq. ft. | Decimal Thick | lbs. per sq. ft. | Decimal Thick | lbs. per sq. ft. | Decimal Thick | lbs. per sq. ft. | Decimal Thick | lbs. per sq. ft. |
| 32    | .0100          | .408             | .0134            | .560             | .009                | .371         | .378          | .....         | .....            | .0080           | .353             | .0080         | .371             | .008          | .113             | .....         | .....            | .0061         | .2526            |
| 31    | .0110          | .449             | .0142            | .594             | .010                | .412         | .420          | .010          | .459             | .0089           | .392             | .0100         | .464             | .009          | .127             | .....         | .....            | .0066         | .2755            |
| 30    | .0120          | .490             | .0157            | .656             | .012                | .495         | .504          | .012          | .551             | .0100           | .441             | .0108         | .500             | .010          | .141             | .....         | .....            | .0072         | .2985            |
| 29    | .0135          | .563             | .0172            | .719             | .013                | .536         | .546          | .014          | .650             | .0113           | .498             | .0126         | .584             | .011          | .155             | .....         | .....            | .0077         | .3214            |
| 28    | .0149          | .625             | .0187            | .781             | .015                | .599         | .610          | .015          | .689             | .0126           | .555             | .0135         | .625             | .012          | .170             | .....         | .....            | .0083         | .3444            |
| 27    | .0164          | .688             | .0202            | .844             | .016                | .660         | .672          | .....         | .....            | .0142           | .626             | .0159         | .737             | .014          | .197             | .500          | 18.60            | .0088         | .3673            |
| 26    | .0179          | .750             | .0217            | .906             | .0178               | .736         | .750          | .018          | .827             | .0159           | .700             | .0162         | .750             | .016          | .225             | .375          | 14.00            | .0094         | .3903            |
| 25    | .0209          | .875             | .0247            | 1.031            | .021                | .866         | .882          | .021          | .965             | .0179           | .789             | .0189         | .875             | .018          | .254             | .250          | 9.30             | .0099         | .4133            |
| 24    | .0239          | 1.000            | .0276            | 1.156            | .0235               | .972         | .990          | .025          | 1.148            | .0201           | .886             | .0201         | .932             | .020          | .282             | .125          | 4.70             | .0105         | .4362            |
| 23    | .0269          | 1.125            | .0306            | 1.281            | .026                | 1.072        | 1.092         | .028          | 1.286            | .0226           | .996             | .0216         | 1.000            | .022          | .310             | .100          | 3.75             | .0110         | .4592            |
| 22    | .0299          | 1.250            | .0336            | 1.406            | .0291               | 1.197        | 1.220         | .031          | 1.424            | .0254           | 1.115            | .0226         | 1.050            | .025          | .353             | .090          | 3.37             | .0118         | .4913            |
| 21    | .0329          | 1.375            | .0366            | 1.531            | .032                | 1.319        | 1.344         | .034          | 1.562            | .0285           | 1.256            | .0243         | 1.125            | .028          | .395             | .080          | 3.00             | .0123         | .5143            |
| 20    | .0359          | 1.500            | .0396            | 1.656            | .0355               | 1.462        | 1.490         | .037          | 1.700            | .0320           | 1.410            | .0253         | 1.170            | .032          | .452             | .070          | 2.62             | .0130         | .5418            |
| 19    | .0418          | 1.750            | .0456            | 1.906            | .042                | 1.731        | 1.764         | .043          | 1.975            | .0359           | 1.582            | .0270         | 1.250            | .036          | .508             | .060          | 2.25             | .0141         | .5878            |
| 18    | .0478          | 2.000            | .0516            | 2.156            | .048                | 1.979        | 2.016         | .050          | 2.297            | .0403           | 1.776            | .0285         | 1.320            | .040          | .564             | .055          | 2.06             | .0149         | .6199            |
| 17    | .0538          | 2.250            | .0575            | 2.406            | .054                | 2.226        | 2.268         | .056          | 2.572            | .0453           | 1.996            | .0320         | 1.480            | .045          | .635             | .050          | 1.87             | .0153         | .6383            |
| 16    | .0598          | 2.500            | .0635            | 2.656            | .0595               | 2.454        | 2.500         | .062          | 2.848            | .0508           | 2.238            | .0323         | 1.500            | .050          | .706             | .045          | 1.68             | .0163         | .6795            |
| 15    | .0673          | 2.812            | .0710            | 2.969            | .067                | 2.762        | 2.814         | .070          | 3.216            | .0571           | 2.516            | .0350         | 1.625            | .056          | .790             | .040          | 1.50             | .0171         | .7117            |
| 14    | .0747          | 3.125            | .0785            | 3.281            | .075                | 3.047        | 3.150         | .078          | 3.583            | .0641           | 2.825            | .0359         | 1.660            | .063          | .889             | .036          | 1.35             | .0185         | .7714            |
| 13    | .0897          | 3.750            | .0934            | 3.906            | .090                | 3.710        | 3.780         | .093          | 4.272            | .0720           | 3.173            | .0377         | 1.750            | .071          | 1.000            | .032          | 1.20             | .0193         | .8036            |
| 12    | .1046          | 4.375            | .1084            | 4.531            | .105                | 4.328        | 4.410         | .109          | 5.007            | .0808           | 3.560            | .0431         | 2.000            | .080          | 1.130            | .028          | 1.05             | .0198         | .8265            |
| 11    | .1196          | 5.000            | .1233            | 5.156            | .120                | 4.946        | 5.040         | .125          | 5.742            | .0907           | 3.997            | .0485         | 2.250            | .090          | 1.270            | .024          | .90              | .0207         | .8633            |
| 10    | .1345          | 5.625            | .1382            | 5.781            | .135                | 5.523        | 5.628         | .140          | 6.431            | .1019           | 4.490            | .0508         | 2.360            | .100          | 1.410            | .020          | .75              | .0215         | .8954            |
| 9     | .1495          | 6.250            | .1532            | 6.406            | .150                | 6.183        | 6.300         | .156          | 7.166            | .1144           | 5.041            | .0512         | 2.375            | .112          | 1.579            | .018          | .67              | .0229         | .9551            |
| 8     | .1644          | 6.875            | .1681            | 7.031            | .165                | 6.801        | 6.930         | .172          | 7.855            | .1285           | 5.662            | .0539         | 2.500            | .125          | 1.760            | .016          | .60              | .0231         | .9643            |
| 7     | .1793          | 7.500            | .....            | .....            | .1874               | 7.708        | 7.854         | .187          | 8.590            | .1443           | 6.358            | .0641         | 2.970            | .140          | 1.980            | .014          | .52              | .0237         | .9872            |
| 3/16" | .1875          | 7.660            | .....            | .....            | .....               | .....        | 8.579         | .....         | .....            | .....           | .....            | .....         | .....            | .190          | 2.713            |               |                  |               |                  |
| 1/4"  | .2500          | 10.210           | .....            | .....            | .....               | 11.16        | 11.160        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 3.530            |               |                  |               |                  |
| 5/16" | .3125          | 12.760           | .....            | .....            | .....               | 15.75        | 13.750        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 4.420            |               |                  |               |                  |
| 3/8"  | .3750          | 15.320           | .....            | .....            | .....               | 15.97        | 16.500        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 5.290            |               |                  |               |                  |
| 1/2"  | .5000          | 20.420           | .....            | .....            | .....               | .....        | 21.660        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 7.060            |               |                  |               |                  |
| 5/8"  | .6250          | 25.530           | .....            | .....            | .....               | .....        | 26.830        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 8.920            |               |                  |               |                  |
| 3/4"  | .7500          | 30.630           | .....            | .....            | .....               | .....        | 32.120        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 10.580           |               |                  |               |                  |
| 1"    | 1.0000         | 40.800           | .....            | .....            | .....               | .....        | 42.670        | .....         | .....            | .....           | .....            | .....         | .....            | .....         | 14.110           |               |                  |               |                  |