



# BIRMINGHAM WIRE GAUGE

| Diameter mm | Diameter Inches | BWG or Stubs* |
|-------------|-----------------|---------------|
| 14.732      | 0.5800          |               |
| 13.1191     | 0.5165          |               |
| 12.70       | 0.5000          | 5/0           |
| 12.446      | 0.4900          |               |
| 12.303      | 0.4844          |               |
| 11.90       | 0.4688          |               |
| 11.7856     | 0.464           |               |
| 11.7221     | 0.4615          |               |
| 11.684      | 0.4600          |               |
| 11.5316     | 0.454           | 4/0           |
| 11.508      | 0.4531          |               |
| 11.11       | 0.4375          |               |
| 10.9728     | 0.432           |               |
| 10.9347     | 0.4305          |               |
| 10.795      | 0.425           | 3/0           |
| 10.72       | 0.4219          |               |
| 10.50       | 0.4134          |               |
| 10.40384    | 0.4096          |               |
| 10.3175     | 0.4062          |               |
| 10.30       | 0.4055          |               |
| 10.160      | 0.400           |               |
| 10.10       | 0.3976          |               |
| 10.00252    | 0.3938          |               |
| 9.92        | 0.3906          |               |
| 9.652       | 0.380           | 2/0           |
| 9.525       | 0.3750          |               |
| 9.4488      | 0.372           |               |
| 9.30        | 0.3661          |               |
| 9.26592     | 0.3648          |               |
| 9.2075      | 0.3625          |               |
| 9.129       | 0.3594          |               |
| 9.10        | 0.3583          |               |
| 8.8392      | 0.348           |               |



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|         |        |     |
|---------|--------|-----|
| 8.80    | 0.3465 |     |
| 8.73    | 0.3438 |     |
| 8.636   | 0.340  | 1/0 |
| 8.60    | 0.3386 |     |
| 8.4074  | 0.3310 |     |
| 8.400   | 0.3307 |     |
| 8.25246 | 0.3249 |     |
| 8.23    | 0.3240 |     |
| 8.20    | 0.3228 |     |
| 8.00    | 0.315  |     |
| 7.9375  | 0.3125 |     |
| 7.7851  | 0.3065 |     |
| 7.70    | 0.3031 |     |
| 7.62    | 0.3000 | 1   |
| 7.541   | 0.2969 |     |
| 7.50    | 0.2953 |     |
| 7.40    | 0.2913 |     |
| 7.348   | 0.2893 |     |
| 7.2136  | 0.284  | 2   |
| 7.188   | 0.2830 |     |
| 7.142   | 0.2812 |     |
| 7.01    | 0.276  |     |
| 7.00    | 0.2756 |     |
| 6.90    | 0.2717 |     |
| 6.746   | 0.2656 |     |
| 6.667   | 0.2625 |     |
| 6.60    | 0.2598 |     |
| 6.579   | 0.259  | 3   |
| 6.543   | 0.2576 |     |
| 6.50    | 0.2559 |     |
| 6.40    | 0.252  |     |
| 6.350   | 0.250  |     |
| 6.20    | 0.2441 |     |
| 6.19    | 0.2437 |     |
| 6.10    | 0.2402 |     |



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|         |         |   |
|---------|---------|---|
| 6.045   | 0.238   | 4 |
| 6.00    | 0.2362  |   |
| 5.94    | 0.2344  |   |
| 5.89    | 0.232   |   |
| 5.827   | 0.2294  |   |
| 5.8     | 0.2283  |   |
| 5.723   | 0.2253  |   |
| 5.588   | 0.220   | 5 |
| 5.55625 | 0.21875 |   |
| 5.38    | 0.212   |   |
| 5.30    | 0.2087  |   |
| 5.258   | 0.2070  |   |
| 5.20    | 0.2047  |   |
| 5.189   | 0.2043  |   |
| 5.156   | 0.203   | 6 |
| 5.10    | 0.2008  |   |
| 5.00    | 0.1968  |   |
| 4.90    | 0.1929  |   |
| 4.88    | 0.192   |   |
| 4.80    | 0.189   |   |
| 4.7625  | 0.1875  |   |
| 4.70    | 0.185   |   |
| 4.62    | 0.1819  |   |
| 4.572   | 0.180   | 7 |
| 4.496   | 0.1770  |   |
| 4.47    | 0.176   |   |
| 4.40    | 0.1732  |   |
| 4.366   | 0.1719  |   |
| 4.30    | 0.1693  |   |
| 4.19    | 0.165   | 8 |
| 4.115   | 0.162   |   |
| 4.10    | 0.1614  |   |
| 4.06    | 0.160   |   |
| 4.00    | 0.1575  |   |
| 3.969   | 0.15625 |   |



# BIRMINGHAM WIRE GAUGE

|        |         |    |
|--------|---------|----|
| 3.90   | 0.1535  |    |
| 3.80   | 0.1496  |    |
| 3.76   | 0.148   | 9  |
| 3.7338 | 0.147   |    |
| 3.66   | 0.144   |    |
| 3.57   | 0.1406  |    |
| 3.50   | 0.1378  |    |
| 3.429  | 0.1350  |    |
| 3.40   | 0.134   | 10 |
| 3.30   | 0.1299  |    |
| 3.25   | 0.128   |    |
| 3.175  | 0.125   |    |
| 3.048  | 0.120   | 11 |
| 3.00   | 0.1181  |    |
| 2.95   | 0.116   |    |
| 2.90   | 0.1144  |    |
| 2.85   | 0.1122  |    |
| 2.80   | 0.1102  |    |
| 2.769  | 0.109   | 12 |
| 2.70   | 0.1063  |    |
| 2.68   | 0.1055  |    |
| 2.64   | 0.104   |    |
| 2.60   | 0.1024  |    |
| 2.586  | 0.1018  |    |
| 2.55   | 0.1004  |    |
| 2.50   | 0.0984  |    |
| 2.45   | 0.0965  |    |
| 2.413  | 0.095   | 13 |
| 2.38   | 0.0938  |    |
| 2.34   | 0.092   |    |
| 2.324  | 0.0915  |    |
| 2.30   | 0.0907  |    |
| 2.257  | 0.08885 |    |
| 2.20   | 0.0866  |    |
| 2.108  | 0.083   | 14 |
| 2.10   | 0.0827  |    |



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|        |        |    |
|--------|--------|----|
| 2.05   | 0.0807 |    |
| 2.03   | 0.080  |    |
| 2.00   | 0.0787 |    |
| 1.98   | 0.0781 |    |
| 1.95   | 0.0768 |    |
| 1.85   | 0.0728 |    |
| 1.83   | 0.072  | 15 |
| 1.784  | 0.0702 |    |
| 1.70   | 0.0669 |    |
| 1.651  | 0.065  | 16 |
| 1.63   | 0.064  |    |
| 1.60   | 0.063  |    |
| 1.5875 | 0.0625 |    |
| 1.50   | 0.059  |    |
| 1.473  | 0.058  | 17 |
| 1.448  | 0.0570 |    |
| 1.42   | 0.056  |    |
| 1.40   | 0.055  |    |
| 1.382  | 0.0544 |    |
| 1.30   | 0.0512 |    |
| 1.290  | 0.0508 |    |
| 1.2446 | 0.049  | 18 |
| 1.22   | 0.048  |    |
| 1.2065 | 0.0475 |    |
| 1.181  | 0.0465 |    |
| 1.148  | 0.0452 |    |
| 1.128  | 0.0444 |    |
| 1.10   | 0.0433 |    |
| 1.067  | 0.042  | 19 |
| 1.041  | 0.041  |    |
| 1.02   | 0.040  |    |
| 1.000  | 0.0394 |    |
| 0.98   | 0.0386 |    |
| 0.95   | 0.0374 |    |
| 0.9144 | 0.036  |    |
| 0.889  | 0.035  | 20 |



## BIRMINGHAM WIRE GAUGE

|         |         |    |
|---------|---------|----|
| 0.8839  | 0.0348  |    |
| 0.850   | 0.0335  |    |
| 0.813   | 0.032   | 21 |
| 0.810   | 0.0319  |    |
| 0.79    | 0.0312  |    |
| 0.75    | 0.0295  |    |
| 0.71112 | 0.028   | 22 |
| 0.660   | 0.026   |    |
| 0.635   | 0.025   | 23 |
| 0.610   | 0.024   |    |
| 0.579   | 0.0228  |    |
| 0.5715  | 0.0225  |    |
| 0.5588  | 0.022   | 24 |
| 0.52    | 0.0205  |    |
| 0.508   | 0.020   | 25 |
| 0.4572  | 0.018   | 26 |
| 0.45466 | 0.0179  |    |
| 0.450   | 0.0177  |    |
| 0.44168 | 0.01739 |    |
| 0.439   | 0.0173  |    |
| 0.42906 | 0.01689 |    |
| 0.417   | 0.0164  |    |
| 0.406   | 0.016   | 27 |
| 0.40386 | 0.0159  |    |
| 0.3988  | 0.0157  |    |
| 0.396   | 0.0156  |    |
| 0.39332 | 0.01549 |    |
| 0.38209 | 0.01504 |    |
| 0.378   | 0.0149  |    |
| 0.3759  | 0.0148  |    |
| 0.37117 | 0.01461 |    |
| 0.36068 | 0.0142  |    |
| 0.3569  | 0.01405 | 28 |
| 0.35027 | 0.01379 |    |
| 0.345   | 0.0136  |    |
| 0.34026 | 0.01340 |    |



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|         |         |    |
|---------|---------|----|
| 0.330   | 0.013   | 29 |
| 0.325   | 0.0128  |    |
| 0.3200  | 0.0126  |    |
| 0.3150  | 0.0124  |    |
| 0.31192 | 0.01228 |    |
| 0.3048  | 0.0120  | 30 |
| 0.30301 | 0.01193 |    |
| 0.2998  | 0.0118  |    |
| 0.295   | 0.0116  |    |
| 0.2870  | 0.0113  |    |
| 0.27777 | 0.01094 |    |
| 0.2743  | 0.0108  |    |
| 0.26984 | 0.01062 |    |
| 0.2641  | 0.0104  |    |
| 0.26213 | 0.01032 |    |
| 0.254   | 0.0100  | 31 |
| 0.24736 | 0.00974 |    |
| 0.2413  | 0.0095  |    |
| 0.24030 | 0.00946 |    |
| 0.2337  | 0.0092  |    |
| 0.2260  | 0.0089  | 32 |
| 0.22028 | 0.00867 |    |
| 0.213   | 0.0084  |    |
| 0.20788 | 0.00818 |    |
| 0.2032  | 0.0080  |    |
| 0.200   | 0.0079  | 33 |
| 0.19617 | 0.00772 |    |
| 0.1930  | 0.0076  |    |
| 0.19056 | 0.00750 |    |
| 0.18512 | 0.00729 |    |
| 0.1803  | 0.0071  |    |
| 0.1778  | 0.0070  | 34 |
| 0.17469 | 0.00688 |    |
| 0.173   | 0.0068  |    |
| 0.16970 | 0.00668 |    |
| 0.1676  | 0.0066  |    |



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|          |         |    |
|----------|---------|----|
| 0.16485  | 0.00649 |    |
| 0.1600   | 0.0063  |    |
| 0.15557  | 0.00612 |    |
| 0.1524   | 0.0060  |    |
| 0.15112  | 0.00595 |    |
| 0.1473   | 0.0058  |    |
| 0.142    | 0.0056  |    |
| 0.13854  | 0.00545 |    |
| 0.13458  | 0.00530 |    |
| 0.132    | 0.0052  |    |
| 0.13074  | 0.00515 |    |
| 0.127    | 0.0050  | 35 |
| 0.1219   | 0.0048  |    |
| 0.11985  | 0.00472 |    |
| 0.1168   | 0.0046  |    |
| 0.1143   | 0.0045  |    |
| 0.112    | 0.0044  |    |
| 0.10673  | 0.00420 |    |
| 0.102    | 0.0040  | 36 |
| 0.09504  | 0.00374 |    |
| 0.091    | 0.0036  |    |
| 0.0889   | 0.0035  |    |
| 0.08464  | 0.00333 |    |
| 0.081    | 0.0032  |    |
| 0.07874  | 0.0031  |    |
| 0.071    | 0.0028  |    |
| 0.0636   | 0.0025  |    |
| 0.061    | 0.0024  |    |
| 0.0564   | 0.00222 |    |
| 0.051    | 0.0020  |    |
| 0.0447   | 0.00176 |    |
| 0.041    | 0.0016  |    |
| 0.039878 | 0.00157 |    |
| 0.03556  | 0.00140 |    |
| 0.0315   | 0.00124 |    |





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|        |         |  |
|--------|---------|--|
| 0.030  | 0.0012  |  |
| 0.282  | 0.00111 |  |
| 0.025  | 0.0010  |  |
| 0.022  | 0.00088 |  |
| 0.0198 | 0.00078 |  |
| 0.0178 | 0.00070 |  |
| 0.0157 | 0.00062 |  |
| 0.014  | 0.00055 |  |
| 0.0125 | 0.00049 |  |