

Mobilefish.com American Wire Gauge To Metric Sizes

| AWG  | Diam (inch) | Diam (mm) | Radius (inch) | Radius (mm) | Area (inch <sup>2</sup> ) | Area (mm <sup>2</sup> ) |
|------|-------------|-----------|---------------|-------------|---------------------------|-------------------------|
| 0000 | 0.459995    | 11.683869 | 0.229997      | 5.841935    | 0.166187                  | 107.216899              |
| 000  | 0.409639    | 10.404820 | 0.204819      | 5.202410    | 0.131793                  | 85.027427               |
| 00   | 0.364795    | 9.265790  | 0.182397      | 4.632895    | 0.104517                  | 67.430260               |
| 0    | 0.324860    | 8.251452  | 0.162430      | 4.125726    | 0.082886                  | 53.474980               |
| 1    | 0.289297    | 7.348154  | 0.144649      | 3.674077    | 0.065732                  | 42.407866               |
| 2    | 0.257628    | 6.543742  | 0.128814      | 3.271871    | 0.052128                  | 33.631189               |
| 3    | 0.229425    | 5.827390  | 0.114712      | 2.913695    | 0.041340                  | 26.670921               |
| 4    | 0.204309    | 5.189458  | 0.102155      | 2.594729    | 0.032784                  | 21.151141               |
| 5    | 0.181943    | 4.621361  | 0.090972      | 2.310680    | 0.025999                  | 16.773728               |
| 6    | 0.162026    | 4.115454  | 0.081013      | 2.057727    | 0.020619                  | 13.302259               |
| 7    | 0.144289    | 3.664930  | 0.072144      | 1.832465    | 0.016351                  | 10.549241               |
| 8    | 0.128493    | 3.263725  | 0.064247      | 1.631862    | 0.012967                  | 8.365983                |
| 9    | 0.114427    | 2.906441  | 0.057213      | 1.453220    | 0.010284                  | 6.634570                |
| 10   | 0.101900    | 2.588269  | 0.050950      | 1.294134    | 0.008155                  | 5.261488                |
| 11   | 0.090745    | 2.304927  | 0.045373      | 1.152464    | 0.006468                  | 4.172577                |
| 12   | 0.080811    | 2.052604  | 0.040406      | 1.026302    | 0.005129                  | 3.309026                |
| 13   | 0.071965    | 1.827903  | 0.035982      | 0.913951    | 0.004068                  | 2.624194                |
| 14   | 0.064087    | 1.627800  | 0.032043      | 0.813900    | 0.003226                  | 2.081094                |
| 15   | 0.057071    | 1.449602  | 0.028535      | 0.724801    | 0.002558                  | 1.650394                |
| 16   | 0.050823    | 1.290912  | 0.025412      | 0.645456    | 0.002029                  | 1.308830                |
| 17   | 0.045260    | 1.149594  | 0.022630      | 0.574797    | 0.001609                  | 1.037956                |
| 18   | 0.040305    | 1.023747  | 0.020152      | 0.511873    | 0.001276                  | 0.823142                |
| 19   | 0.035893    | 0.911676  | 0.017946      | 0.455838    | 0.001012                  | 0.652786                |
| 20   | 0.031964    | 0.811873  | 0.015982      | 0.405937    | 0.000802                  | 0.517686                |
| 21   | 0.028464    | 0.722997  | 0.014232      | 0.361498    | 0.000636                  | 0.410546                |
| 22   | 0.025348    | 0.643849  | 0.012674      | 0.321925    | 0.000505                  | 0.325580                |
| 23   | 0.022573    | 0.573366  | 0.011287      | 0.286683    | 0.000400                  | 0.258199                |
| 24   | 0.020102    | 0.510599  | 0.010051      | 0.255299    | 0.000317                  | 0.204762                |
| 25   | 0.017902    | 0.454703  | 0.008951      | 0.227351    | 0.000252                  | 0.162385                |
| 26   | 0.015942    | 0.404926  | 0.007971      | 0.202463    | 0.000200                  | 0.128778                |
| 27   | 0.014197    | 0.360598  | 0.007098      | 0.180299    | 0.000158                  | 0.102126                |
| 28   | 0.012643    | 0.321123  | 0.006321      | 0.160562    | 0.000126                  | 0.080990                |
| 29   | 0.011259    | 0.285969  | 0.005629      | 0.142985    | 0.000100                  | 0.064229                |
| 30   | 0.010026    | 0.254664  | 0.005013      | 0.127332    | 0.000079                  | 0.050936                |
| 31   | 0.008929    | 0.226785  | 0.004464      | 0.113393    | 0.000063                  | 0.040394                |
| 32   | 0.007951    | 0.201959  | 0.003976      | 0.100979    | 0.000050                  | 0.032034                |
| 33   | 0.007081    | 0.179850  | 0.003540      | 0.089925    | 0.000039                  | 0.025405                |
| 34   | 0.006306    | 0.160162  | 0.003153      | 0.080081    | 0.000031                  | 0.020147                |
| 35   | 0.005615    | 0.142629  | 0.002808      | 0.071314    | 0.000025                  | 0.015977                |
| 36   | 0.005001    | 0.127015  | 0.002500      | 0.063507    | 0.000020                  | 0.012671                |
| 37   | 0.004453    | 0.113110  | 0.002227      | 0.056555    | 0.000016                  | 0.010048                |
| 38   | 0.003966    | 0.100728  | 0.001983      | 0.050364    | 0.000012                  | 0.007969                |
| 39   | 0.003532    | 0.089701  | 0.001766      | 0.044851    | 0.000010                  | 0.006320                |
| 40   | 0.003145    | 0.079882  | 0.001572      | 0.039941    | 0.000008                  | 0.005012                |