

# Fraction to Decimal Chart

Every 64th from 1/64 to 1 inch, with no gaps.

| FRACTION | 64THS | DECIMAL | THOU      | MILLIMETRES |
|----------|-------|---------|-----------|-------------|
|          |       | IN      | IN / 1000 | MM          |
| 1/64     | 1     | 0.0156  | 15.6      | 0.397       |
| 1/32     | 2     | 0.0313  | 31.3      | 0.794       |
| 3/64     | 3     | 0.0469  | 46.9      | 1.191       |
| 1/16     | 4     | 0.0625  | 62.5      | 1.588       |
| 5/64     | 5     | 0.0781  | 78.1      | 1.984       |
| 3/32     | 6     | 0.0938  | 93.8      | 2.381       |
| 7/64     | 7     | 0.1094  | 109.4     | 2.778       |
| 1/8      | 8     | 0.1250  | 125.0     | 3.175       |
| 9/64     | 9     | 0.1406  | 140.6     | 3.572       |
| 5/32     | 10    | 0.1563  | 156.3     | 3.969       |
| 11/64    | 11    | 0.1719  | 171.9     | 4.366       |
| 3/16     | 12    | 0.1875  | 187.5     | 4.762       |
| 13/64    | 13    | 0.2031  | 203.1     | 5.159       |
| 7/32     | 14    | 0.2188  | 218.8     | 5.556       |
| 15/64    | 15    | 0.2344  | 234.4     | 5.953       |
| 1/4      | 16    | 0.2500  | 250.0     | 6.350       |
| 17/64    | 17    | 0.2656  | 265.6     | 6.747       |
| 9/32     | 18    | 0.2813  | 281.3     | 7.144       |
| 19/64    | 19    | 0.2969  | 296.9     | 7.541       |
| 5/16     | 20    | 0.3125  | 312.5     | 7.938       |
| 21/64    | 21    | 0.3281  | 328.1     | 8.334       |
| 11/32    | 22    | 0.3438  | 343.8     | 8.731       |
| 23/64    | 23    | 0.3594  | 359.4     | 9.128       |
| 3/8      | 24    | 0.3750  | 375.0     | 9.525       |
| 25/64    | 25    | 0.3906  | 390.6     | 9.922       |
| 13/32    | 26    | 0.4063  | 406.3     | 10.319      |
| 27/64    | 27    | 0.4219  | 421.9     | 10.716      |
| 7/16     | 28    | 0.4375  | 437.5     | 11.112      |
| 29/64    | 29    | 0.4531  | 453.1     | 11.509      |
| 15/32    | 30    | 0.4688  | 468.8     | 11.906      |
| 31/64    | 31    | 0.4844  | 484.4     | 12.303      |
| 1/2      | 32    | 0.5000  | 500.0     | 12.700      |

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|----------|-------|---------|-----------|-------------|
|          |       | IN      | IN / 1000 | MM          |
| 33/64    | 33    | 0.5156  | 515.6     | 13.097      |
| 17/32    | 34    | 0.5313  | 531.3     | 13.494      |
| 35/64    | 35    | 0.5469  | 546.9     | 13.891      |
| 9/16     | 36    | 0.5625  | 562.5     | 14.288      |
| 37/64    | 37    | 0.5781  | 578.1     | 14.684      |
| 19/32    | 38    | 0.5938  | 593.8     | 15.081      |
| 39/64    | 39    | 0.6094  | 609.4     | 15.478      |
| 5/8      | 40    | 0.6250  | 625.0     | 15.875      |
| 41/64    | 41    | 0.6406  | 640.6     | 16.272      |
| 21/32    | 42    | 0.6563  | 656.3     | 16.669      |
| 43/64    | 43    | 0.6719  | 671.9     | 17.066      |
| 11/16    | 44    | 0.6875  | 687.5     | 17.463      |
| 45/64    | 45    | 0.7031  | 703.1     | 17.859      |
| 23/32    | 46    | 0.7188  | 718.8     | 18.256      |
| 47/64    | 47    | 0.7344  | 734.4     | 18.653      |
| 3/4      | 48    | 0.7500  | 750.0     | 19.050      |
| 49/64    | 49    | 0.7656  | 765.6     | 19.447      |
| 25/32    | 50    | 0.7813  | 781.3     | 19.844      |
| 51/64    | 51    | 0.7969  | 796.9     | 20.241      |
| 13/16    | 52    | 0.8125  | 812.5     | 20.638      |
| 53/64    | 53    | 0.8281  | 828.1     | 21.034      |
| 27/32    | 54    | 0.8438  | 843.8     | 21.431      |
| 55/64    | 55    | 0.8594  | 859.4     | 21.828      |
| 7/8      | 56    | 0.8750  | 875.0     | 22.225      |
| 57/64    | 57    | 0.8906  | 890.6     | 22.622      |
| 29/32    | 58    | 0.9063  | 906.3     | 23.019      |
| 59/64    | 59    | 0.9219  | 921.9     | 23.416      |
| 15/16    | 60    | 0.9375  | 937.5     | 23.813      |
| 61/64    | 61    | 0.9531  | 953.1     | 24.209      |
| 31/32    | 62    | 0.9688  | 968.8     | 24.606      |
| 63/64    | 63    | 0.9844  | 984.4     | 25.003      |
| 1        | 64    | 1.0000  | 1,000.0   | 25.400      |