

Conversion chart

Fractions, Decimals and Millimeters

| Inches | | | Inches | | | Inches | | | Inches | | |
|-----------|----------|--------|-----------|----------|--------|-----------|----------|---------|-----------|----------|---------|
| Fractions | Decimals | mm | Fractions | Decimals | mm | Fractions | Decimals | mm | Fractions | Decimals | mm |
| — | .0004 | .01 | 25/32 | .781 | 19.844 | — | 2.165 | 55. | 3-11/16 | 3.6875 | 93.663 |
| — | .004 | .10 | — | .7874 | 20. | 2-3/16 | 2.1875 | 55.563 | — | 3.7008 | 94. |
| — | .01 | .25 | 51/64 | .797 | 20.241 | — | 2.2047 | 56. | 3-23/32 | 3.719 | 94.456 |
| 1/64 | .0156 | .397 | 13/16 | .8125 | 20.638 | 2-7/32 | 2.219 | 56.356 | — | 3.7401 | 95. |
| — | .0197 | .50 | — | .8268 | 21. | — | 2.244 | 57. | 3-3/4 | 3.750 | 95.250 |
| — | .0295 | .75 | 53/64 | .828 | 21.034 | 2-1/4 | 2.250 | 57.150 | — | 3.7795 | 96. |
| 1/32 | .03125 | .794 | 27/32 | .844 | 21.431 | 2-9/32 | 2.281 | 57.944 | 3-25/32 | 3.781 | 96.044 |
| — | .0394 | 1. | 55/64 | .859 | 21.828 | — | 2.2835 | 58. | 3-13/16 | 3.8125 | 96.838 |
| 3/64 | .0469 | 1.191 | — | .8661 | 22. | 2-5/16 | 2.312 | 58.738 | — | 3.8189 | 97. |
| — | .059 | 1.5 | 7/8 | .875 | 22.225 | — | 2.3228 | 59. | 3-27/32 | 3.844 | 97.631 |
| 1/16 | .062 | 1.588 | 57/64 | .8906 | 22.622 | 2-11/32 | 2.344 | 59.531 | — | 3.8583 | 98. |
| 5/64 | .0781 | 1.984 | — | .9055 | 23. | — | 2.3622 | 60. | 3-7/8 | 3.875 | 98.425 |
| — | .0787 | 2. | 29/32 | .9062 | 23.019 | 2-3/8 | 2.375 | 60.325 | — | 3.8976 | 99. |
| 3/32 | .094 | 2.381 | 59/64 | .922 | 23.416 | — | 2.4016 | 61. | 3-29/32 | 3.9062 | 99.219 |
| — | .0984 | 2.5 | 15/16 | .9375 | 23.813 | 2-13/32 | 2.406 | 61.119 | — | 3.9370 | 100. |
| 7/64 | .109 | 2.778 | — | .9449 | 24. | 2-7/16 | 2.438 | 61.913 | 3-15/16 | 3.9375 | 100.013 |
| — | .1181 | 3. | 61/64 | .953 | 24.209 | — | 2.4409 | 62. | 3-31/32 | 3.969 | 100.806 |
| 1/8 | .125 | 3.175 | 31/32 | .969 | 24.606 | 2-15/32 | 2.469 | 62.706 | — | 3.9764 | 101. |
| — | .1378 | 3.5 | — | .9843 | 25. | — | 2.4803 | 63. | 4 | 4.000 | 101.600 |
| 9/64 | .141 | 3.572 | 63/64 | .9844 | 25.003 | 2-1/2 | 2.500 | 63.500 | 4-1/16 | 4.062 | 103.188 |
| 5/32 | .156 | 3.969 | 1 | 1.000 | 25.400 | — | 2.5197 | 64. | 4-1/8 | 4.125 | 104.775 |
| — | .1575 | 4. | — | 1.0236 | 26. | 2-17/32 | 2.531 | 64.294 | — | 4.1338 | 105. |
| 11/64 | .172 | 4.366 | 1-1/32 | 1.0312 | 26.194 | — | 2.559 | 65. | 4-3/16 | 4.1875 | 106.363 |
| — | .177 | 4.5 | 1-1/16 | 1.062 | 26.988 | 2-9/16 | 2.562 | 65.088 | 4-1/4 | 4.250 | 107.950 |
| 3/16 | .1875 | 4.763 | — | 1.063 | 27. | 2-19/32 | 2.594 | 65.881 | 4-5/16 | 4.312 | 109.538 |
| — | .1969 | 5. | 1-3/32 | 1.094 | 27.781 | — | 2.5984 | 66. | — | 4.3307 | 110. |
| 13/64 | .203 | 5.159 | — | 1.1024 | 28. | 2-5/8 | 2.625 | 66.675 | 4-3/8 | 4.375 | 111.125 |
| — | .2165 | 5.5 | 1-1/8 | 1.125 | 28.575 | — | 2.638 | 67. | 4-7/16 | 4.438 | 112.713 |
| 7/32 | .219 | 5.556 | — | 1.1417 | 29. | 2-21/32 | 2.656 | 67.469 | 4-1/2 | 4.500 | 114.300 |
| 15/64 | .234 | 5.953 | 1-5/32 | 1.156 | 29.369 | — | 2.6772 | 68. | — | 4.5275 | 115. |
| — | .2362 | 6. | — | 1.1811 | 30. | 2-11/16 | 2.6875 | 68.263 | 4-9/16 | 4.562 | 115.888 |
| 1/4 | .250 | 6.350 | 1-3/16 | 1.1875 | 30.163 | — | 2.7165 | 69. | 4-5/8 | 4.625 | 117.475 |
| — | .2559 | 6.5 | 1-7/32 | 1.219 | 30.956 | 2-23/32 | 2.719 | 69.056 | 4-11/16 | 4.6875 | 119.063 |
| 17/64 | .2656 | 6.747 | — | 1.2205 | 31. | 2-3/4 | 2.750 | 69.850 | — | 4.7244 | 120. |
| — | .2756 | 7. | 1-1/4 | 1.250 | 31.750 | — | 2.7559 | 70. | 4-3/4 | 4.750 | 120.650 |
| 9/32 | .281 | 7.144 | — | 1.2598 | 32. | 2-25/32 | 2.781 | 70.6439 | 4-13/16 | 4.8125 | 122.238 |
| — | .2953 | 7.5 | 1-9/32 | 1.281 | 32.544 | — | 2.7953 | 71. | 4-7/8 | 4.875 | 123.825 |
| 19/64 | .297 | 7.541 | — | 1.2992 | 33. | 2-13/16 | 2.8125 | 71.4376 | — | 4.9212 | 125. |
| 5/16 | .312 | 7.938 | 1-5/16 | 1.312 | 33.338 | — | 2.8346 | 72. | 4-15/16 | 4.9375 | 125.413 |
| — | .315 | 8. | — | 1.3386 | 34. | 2-27/32 | 2.844 | 72.2314 | 5 | 5.000 | 127.000 |
| 21/64 | .328 | 8.334 | 1-11/32 | 1.344 | 34.131 | — | 2.8740 | 73. | — | 5.1181 | 130. |
| — | .335 | 8.5 | 1-3/8 | 1.375 | 34.925 | 2-7/8 | 2.875 | 73.025 | 5-1/4 | 5.250 | 133.350 |
| 11/32 | .344 | 8.731 | — | 1.3779 | 35. | 2-29/32 | 2.9062 | 73.819 | 5-1/2 | 5.500 | 139.700 |
| — | .3543 | 9. | 1-13/32 | 1.406 | 35.719 | — | 2.9134 | 74. | — | 5.5118 | 140. |
| 23/64 | .359 | 9.128 | — | 1.4173 | 36. | 2-15/16 | 2.9375 | 74.613 | 5-3/4 | 5.750 | 146.050 |
| — | .374 | 9.5 | 1-7/16 | 1.438 | 36.513 | — | 2.9527 | 75. | — | 5.9055 | 150. |
| 3/8 | .375 | 9.525 | — | 1.4567 | 37. | 2-31/32 | 2.969 | 75.406 | 6 | 6.000 | 152.400 |
| 25/64 | .391 | 9.922 | 1-15/32 | 1.469 | 37.306 | — | 2.9921 | 76. | 6-1/4 | 6.250 | 158.750 |
| — | .3937 | 10. | — | 1.4961 | 38. | 3 | 3.000 | 76.200 | — | 6.2992 | 160. |
| 13/32 | .406 | 10.319 | 1-1/2 | 1.500 | 38.100 | 3-1/32 | 3.0312 | 76.994 | 6-1/2 | 6.500 | 165.100 |
| — | .413 | 10.5 | 1-17/32 | 1.531 | 38.894 | — | 3.0315 | 77. | — | 6.6929 | 170. |
| 27/64 | .422 | 10.716 | — | 1.5354 | 39. | 3-1/16 | 3.062 | 77.788 | 6-3/4 | 6.750 | 171.450 |
| — | .4331 | 11. | 1-9/16 | 1.562 | 39.688 | — | 3.0709 | 78. | 7 | 7.000 | 177.800 |
| 7/16 | .438 | 11.113 | — | 1.5748 | 40. | 3-3/32 | 3.094 | 78.581 | — | 7.0866 | 180. |
| 29/64 | .453 | 11.509 | 1-19/32 | 1.594 | 40.481 | — | 3.1102 | 79. | — | 7.4803 | 190. |
| 15/32 | .469 | 11.906 | — | 1.6142 | 41. | 3-1/8 | 3.125 | 79.375 | 7-1/2 | 7.500 | 190.500 |
| — | .4724 | 12. | 1-5/8 | 1.625 | 41.275 | — | 3.1496 | 80. | — | 7.8740 | 200. |
| 31/64 | .484 | 12.303 | — | 1.6535 | 42. | 3-5/32 | 3.156 | 80.169 | 8 | 8.000 | 203.200 |
| — | .492 | 12.5 | 1-21/32 | 1.6562 | 42.069 | 3-3/16 | 3.1875 | 80.963 | — | 8.2677 | 210. |
| 1/2 | .500 | 12.700 | 1-11/16 | 1.6875 | 42.863 | — | 3.1890 | 81. | 8-1/2 | 8.500 | 215.900 |
| — | .5118 | 13. | — | 1.6929 | 43. | 3-7/32 | 3.219 | 81.756 | — | 8.6614 | 220. |
| 33/64 | .5156 | 13.097 | 1-23/32 | 1.719 | 43.656 | — | 3.2283 | 82. | 9 | 9.000 | 228.600 |
| 17/32 | .531 | 13.494 | — | 1.7323 | 44. | 3-1/4 | 3.250 | 82.550 | — | 9.0551 | 230. |
| 35/64 | .547 | 13.891 | 1-3/4 | 1.750 | 44.450 | — | 3.2677 | 83. | — | 9.4488 | 240. |
| — | .5512 | 14. | — | 1.7717 | 45. | 3-9/32 | 3.281 | 83.344 | 9-1/2 | 9.500 | 241.300 |
| 9/16 | .563 | 14.288 | 1-25/32 | 1.781 | 45.244 | — | 3.3071 | 84. | — | 9.8425 | 250. |
| — | .571 | 14.5 | — | 1.8110 | 46. | 3-5/16 | 3.312 | 84.1377 | 10 | 10.000 | 254.001 |
| 37/64 | .578 | 14.684 | 1-13/16 | 1.8125 | 46.038 | 3-11/32 | 3.344 | 84.9314 | — | 10.2362 | 260. |
| — | .5906 | 15. | 1-27/32 | 1.844 | 46.831 | — | 3.3464 | 85. | — | 10.6299 | 270. |
| 19/32 | .594 | 15.081 | — | 1.8504 | 47. | 3-3/8 | 3.375 | 85.725 | 11 | 11.000 | 279.401 |
| 39/64 | .609 | 15.478 | 1-7/8 | 1.875 | 47.625 | — | 3.3858 | 86. | — | 11.0236 | 280. |
| 5/8 | .625 | 15.875 | — | 1.8898 | 48. | 3-13/32 | 3.406 | 86.519 | — | 11.4173 | 290. |
| — | .6299 | 16. | 1-29/32 | 1.9062 | 48.419 | — | 3.4252 | 87. | — | 11.8110 | 300. |
| 41/64 | .6406 | 16.272 | — | 1.9291 | 49. | 3-7/16 | 3.438 | 87.313 | 12 | 12.000 | 304.801 |
| — | .6496 | 16.5 | 1-15/16 | 1.9375 | 49.213 | — | 3.4646 | 88. | 13 | 13.000 | 330.201 |
| 21/32 | .656 | 16.669 | — | 1.9685 | 50. | 3-15/32 | 3.469 | 88.106 | — | 13.7795 | 350. |
| — | .6693 | 17. | 1-31/32 | 1.969 | 50.006 | 3-1/2 | 3.500 | 88.900 | 14 | 14.000 | 355.601 |
| 43/64 | .672 | 17.066 | 2 | 2.000 | 50.800 | — | 3.5039 | 89. | 15 | 15.000 | 381.001 |
| 11/16 | .6875 | 17.463 | — | 2.0079 | 51. | 3-17/32 | 3.531 | 89.694 | — | 15.7480 | 400. |
| 45/64 | .703 | 17.859 | 2-1/32 | 2.03125 | 51.594 | — | 3.5433 | 90. | 16 | 16.000 | 406.401 |
| — | .7087 | 18. | — | 2.0472 | 52. | 3-9/16 | 3.562 | 90.4877 | 17 | 17.000 | 431.801 |
| 23/32 | .719 | 18.256 | 2-1/16 | 2.062 | 52.388 | — | 3.5827 | 91. | — | 17.7165 | 450. |
| — | .7283 | 18.5 | — | 2.0866 | 53. | 3-19/32 | 3.594 | 91.281 | 18 | 18.000 | 457.201 |
| 47/64 | .734 | 18.653 | 2-3/32 | 2.094 | 53.181 | — | 3.622 | 92. | 19 | 19.000 | 482.601 |
| — | .7480 | 19. | 2-1/8 | 2.125 | 53.975 | 3-5/8 | 3.625 | 92.075 | — | 19.6850 | 500. |
| 3/4 | .750 | 19.050 | — | 2.126 | 54. | 3-21/32 | 3.656 | 92.869 | 20 | 20.000 | 508.001 |
| 49/64 | .7656 | 19.447 | 2-5/32 | 2.156 | 54.769 | — | 3.6614 | 93. | — | — | — |