Fraction to decimal chart, inches

Every 64th of an inch as a decimal inch, millimeters and decimal feet, and inches to decimal feet.

Fractions of an inch to decimals and millimeters, 1/64" to 1"

Fraction	Decimal	mm	Feet	Fraction	Decimal	mm	Feet	Fraction	Decimal	mm	Feet
1/64"	0.015625	0.396875	0.001302	23/64"	0.359375	9.128125	0.029948	45/64"	0.703125	17.859375	0.058594
1/32"	0.03125	0.79375	0.002604	3/8"	0.375	9.525	0.03125	23/32"	0.71875	18.25625	0.059896
3/64"	0.046875	1.190625	0.003906	25/64"	0.390625	9.921875	0.032552	47/64"	0.734375	18.653125	0.061198
1/16"	0.0625	1.5875	0.005208	13/32"	0.40625	10.31875	0.033854	3/4"	0.75	19.05	0.0625
5/64"	0.078125	1.984375	0.00651	27/64"	0.421875	10.715625	0.035156	49/64"	0.765625	19.446875	0.063802
3/32"	0.09375	2.38125	0.007813	7/16"	0.4375	11.1125	0.036458	25/32"	0.78125	19.84375	0.065104
7/64"	0.109375	2.778125	0.009115	29/64"	0.453125	11.509375	0.03776	51/64"	0.796875	20.240625	0.066406
1/8"	0.125	3.175	0.010417	15/32"	0.46875	11.90625	0.039063	13/16"	0.8125	20.6375	0.067708
9/64"	0.140625	3.571875	0.011719	31/64"	0.484375	12.303125	0.040365	53/64"	0.828125	21.034375	0.06901
5/32"	0.15625	3.96875	0.013021	1/2"	0.5	12.7	0.041667	27/32"	0.84375	21.43125	0.070313
11/64"	0.171875	4.365625	0.014323	33/64"	0.515625	13.096875	0.042969	55/64"	0.859375	21.828125	0.071615
3/16"	0.1875	4.7625	0.015625	17/32"	0.53125	13.49375	0.044271	7/8"	0.875	22.225	0.072917
13/64"	0.203125	5.159375	0.016927	35/64"	0.546875	13.890625	0.045573	57/64"	0.890625	22.621875	0.074219
7/32"	0.21875	5.55625	0.018229	9/16"	0.5625	14.2875	0.046875	29/32"	0.90625	23.01875	0.075521
15/64"	0.234375	5.953125	0.019531	37/64"	0.578125	14.684375	0.048177	59/64"	0.921875	23.415625	0.076823
1/4"	0.25	6.35	0.020833	19/32"	0.59375	15.08125	0.049479	15/16"	0.9375	23.8125	0.078125
17/64"	0.265625	6.746875	0.022135	39/64"	0.609375	15.478125	0.050781	61/64"	0.953125	24.209375	0.079427
9/32"	0.28125	7.14375	0.023438	5/8"	0.625	15.875	0.052083	31/32"	0.96875	24.60625	0.080729
19/64"	0.296875	7.540625	0.02474	41/64"	0.640625	16.271875	0.053385	63/64"	0.984375	25.003125	0.082031
5/16"	0.3125	7.9375	0.026042	21/32"	0.65625	16.66875	0.054688	1"	1	25.4	0.083333
21/64"	0.328125	8.334375	0.027344	43/64"	0.671875	17.065625	0.05599				
11/32"	0.34375	8.73125	0.028646	11/16"	0.6875	17.4625	0.057292				

Decimal inches, millimeters and decimal feet, exact to 6 places (trailing zeros dropped), as the app's unit converter shows them: 1 inch = 25.4 mm exactly, 1 foot = 12 inches. Sixteenths, the marks on most tapes, are shaded.

Inches to decimal feet, 0" to 11-7/8"

Inches	+ 0	+ 1/8	+ 1/4	+ 3/8	+ 1/2	+ 5/8	+ 3/4	+ 7/8
0"	0	0.0104	0.0208	0.0313	0.0417	0.0521	0.0625	0.0729
1"	0.0833	0.0938	0.1042	0.1146	0.125	0.1354	0.1458	0.1563
2"	0.1667	0.1771	0.1875	0.1979	0.2083	0.2188	0.2292	0.2396
3"	0.25	0.2604	0.2708	0.2813	0.2917	0.3021	0.3125	0.3229
4"	0.3333	0.3438	0.3542	0.3646	0.375	0.3854	0.3958	0.4063
5"	0.4167	0.4271	0.4375	0.4479	0.4583	0.4688	0.4792	0.4896
6"	0.5	0.5104	0.5208	0.5313	0.5417	0.5521	0.5625	0.5729
7"	0.5833	0.5938	0.6042	0.6146	0.625	0.6354	0.6458	0.6563
8"	0.6667	0.6771	0.6875	0.6979	0.7083	0.7188	0.7292	0.7396
9"	0.75	0.7604	0.7708	0.7813	0.7917	0.8021	0.8125	0.8229
10"	0.8333	0.8438	0.8542	0.8646	0.875	0.8854	0.8958	0.9063
11"	0.9167	0.9271	0.9375	0.9479	0.9583	0.9688	0.9792	0.9896

Each cell is the inches in its row plus the fraction at the top of its column, in feet to 4 places: what the calculator shows as decimal feet under every length. Example: 7-3/8" is 0.6146 ft.

Every number is worked out by the formulas of Construction Calculator 1.1.1 (iPhone and iPad, by KLM Labs). A printed chart is a guide: measure on site. Free to print and share.