Inches to mm Chart

Fractions of an inch in decimals and millimetres: every 1/64 in up to 1 in, every 1/16 in up to 4 in, whole inches 10–48 in. mm = inches x 25.4 (exact).

Inches to millimetres

FRACTION	INCHES	MM
1/64"	0.0156	0.3969 mm
1/32"	0.0313	0.7938 mm
3/64"	0.0469	1.1906 mm
1/16"	0.0625	1.5875 mm
5/64"	0.0781	1.9844 mm
3/32"	0.0938	2.3813 mm
7/64"	0.1094	2.7781 mm
1/8"	0.1250	3.175 mm
9/64"	0.1406	3.5719 mm
5/32"	0.1563	3.9688 mm
11/64"	0.1719	4.3656 mm
3/16"	0.1875	4.7625 mm
13/64"	0.2031	5.1594 mm
7/32"	0.2188	5.5563 mm
15/64"	0.2344	5.9531 mm
1/4"	0.2500	6.35 mm
17/64"	0.2656	6.7469 mm
9/32"	0.2813	7.1438 mm
19/64"	0.2969	7.5406 mm
5/16"	0.3125	7.9375 mm
21/64"	0.3281	8.3344 mm
11/32"	0.3438	8.7313 mm
23/64"	0.3594	9.1281 mm
3/8"	0.3750	9.525 mm
25/64"	0.3906	9.9219 mm
13/32"	0.4063	10.3188 mm
27/64"	0.4219	10.7156 mm
7/16"	0.4375	11.1125 mm
29/64"	0.4531	11.5094 mm
15/32"	0.4688	11.9063 mm
31/64"	0.4844	12.3031 mm
1/2"	0.5000	12.7 mm
33/64"	0.5156	13.0969 mm

Inches to millimetres (cont.)

FRACTION	INCHES	MM
17/32"	0.5313	13.4938 mm
35/64"	0.5469	13.8906 mm
9/16"	0.5625	14.2875 mm
37/64"	0.5781	14.6844 mm
19/32"	0.5938	15.0813 mm
39/64"	0.6094	15.4781 mm
5/8"	0.6250	15.875 mm
41/64"	0.6406	16.2719 mm
21/32"	0.6563	16.6688 mm
43/64"	0.6719	17.0656 mm
11/16"	0.6875	17.4625 mm
45/64"	0.7031	17.8594 mm
23/32"	0.7188	18.2563 mm
47/64"	0.7344	18.6531 mm
3/4"	0.7500	19.05 mm
49/64"	0.7656	19.4469 mm
25/32"	0.7813	19.8438 mm
51/64"	0.7969	20.2406 mm
13/16"	0.8125	20.6375 mm
53/64"	0.8281	21.0344 mm
27/32"	0.8438	21.4313 mm
55/64"	0.8594	21.8281 mm
7/8"	0.8750	22.225 mm
57/64"	0.8906	22.6219 mm
29/32"	0.9063	23.0188 mm
59/64"	0.9219	23.4156 mm
15/16"	0.9375	23.8125 mm
61/64"	0.9531	24.2094 mm
31/32"	0.9688	24.6063 mm
63/64"	0.9844	25.0031 mm
1"	1.0000	25.4 mm
1-1/16"	1.0625	26.9875 mm
1-1/8"	1.1250	28.575 mm

Inches to millimetres (cont.)

FRACTION	INCHES	MM
1-3/16"	1.1875	30.1625 mm
1-1/4"	1.2500	31.75 mm
1-5/16"	1.3125	33.3375 mm
1-3/8"	1.3750	34.925 mm
1-7/16"	1.4375	36.5125 mm
1-1/2"	1.5000	38.1 mm
1-9/16"	1.5625	39.6875 mm
1-5/8"	1.6250	41.275 mm
1-11/16"	1.6875	42.8625 mm
1-3/4"	1.7500	44.45 mm
1-13/16"	1.8125	46.0375 mm
1-7/8"	1.8750	47.625 mm
1-15/16"	1.9375	49.2125 mm
2"	2.0000	50.8 mm
2-1/16"	2.0625	52.3875 mm
2-1/8"	2.1250	53.975 mm
2-3/16"	2.1875	55.5625 mm
2-1/4"	2.2500	57.15 mm
2-5/16"	2.3125	58.7375 mm
2-3/8"	2.3750	60.325 mm
2-7/16"	2.4375	61.9125 mm
2-1/2"	2.5000	63.5 mm
2-9/16"	2.5625	65.0875 mm
2-5/8"	2.6250	66.675 mm
2-11/16"	2.6875	68.2625 mm
2-3/4"	2.7500	69.85 mm
2-13/16"	2.8125	71.4375 mm
2-7/8"	2.8750	73.025 mm
2-15/16"	2.9375	74.6125 mm
3"	3.0000	76.2 mm
3-1/16"	3.0625	77.7875 mm
3-1/8"	3.1250	79.375 mm
3-3/16"	3.1875	80.9625 mm

Scan for the interactive version:

whatsizeis.com/inches-to-mm/

1 inch = 25.4 mm exactly (NIST SP 811; international yard and pound agreement, 1959). Inches = mm / 25.4; nearest fraction rounded to 1/64 in. Method: whatsizeis.com/how-we-calculate/

Inches to mm Chart (continued)

Inches to millimetres (cont.)

FRACTION	INCHES	MM
3-1/4"	3.2500	82.55 mm
3-5/16"	3.3125	84.1375 mm
3-3/8"	3.3750	85.725 mm
3-7/16"	3.4375	87.3125 mm
3-1/2"	3.5000	88.9 mm
3-9/16"	3.5625	90.4875 mm
3-5/8"	3.6250	92.075 mm
3-11/16"	3.6875	93.6625 mm
3-3/4"	3.7500	95.25 mm
3-13/16"	3.8125	96.8375 mm
3-7/8"	3.8750	98.425 mm
3-15/16"	3.9375	100.0125 mm
4"	4.0000	101.6 mm
10"	10.0000	254 mm
11"	11.0000	279.4 mm
12"	12.0000	304.8 mm
14"	14.0000	355.6 mm
16"	16.0000	406.4 mm
18"	18.0000	457.2 mm
20"	20.0000	508 mm
22"	22.0000	558.8 mm
24"	24.0000	609.6 mm
26"	26.0000	660.4 mm
30"	30.0000	762 mm
32"	32.0000	812.8 mm
36"	36.0000	914.4 mm
40"	40.0000	1016 mm
48"	48.0000	1219.2 mm

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