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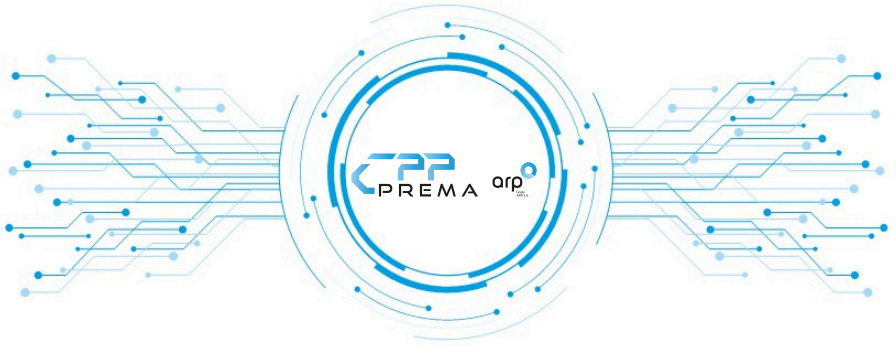

CONVERSION TABLE

INCHES / MILLIMETRES

in to mm converter • 1 inch (1") = 25.4 mm • mm = inches × 25.4

Fractional inches → millimetres (1/64" – 1")

Inch	Decimal	mm	Inch	Decimal	mm
1/64"	0.0156	**0.40**	33/64"	0.5156	**13.10**
1/32"	0.0312	**0.79**	17/32"	0.5312	**13.49**
3/64"	0.0469	**1.19**	35/64"	0.5469	**13.89**
1/16"	0.0625	**1.59**	9/16"	0.5625	**14.29**
5/64"	0.0781	**1.98**	37/64"	0.5781	**14.68**
3/32"	0.0938	**2.38**	19/32"	0.5938	**15.08**
7/64"	0.1094	**2.78**	39/64"	0.6094	**15.48**
1/8"	0.1250	**3.18**	5/8"	0.6250	**15.88**
9/64"	0.1406	**3.57**	41/64"	0.6406	**16.27**
5/32"	0.1562	**3.97**	21/32"	0.6562	**16.67**
11/64"	0.1719	**4.37**	43/64"	0.6719	**17.07**
3/16"	0.1875	**4.76**	11/16"	0.6875	**17.46**
13/64"	0.2031	**5.16**	45/64"	0.7031	**17.86**
7/32"	0.2188	**5.56**	23/32"	0.7188	**18.26**
15/64"	0.2344	**5.95**	47/64"	0.7344	**18.65**
1/4"	0.2500	**6.35**	3/4"	0.7500	**19.05**
17/64"	0.2656	**6.75**	49/64"	0.7656	**19.45**

Inch	Decimal	mm	Inch	Decimal	mm
9/32"	0.2812	**7.14**	25/32"	0.7812	**19.84**
19/64"	0.2969	**7.54**	51/64"	0.7969	**20.24**
5/16"	0.3125	**7.94**	13/16"	0.8125	**20.64**
21/64"	0.3281	**8.33**	53/64"	0.8281	**21.03**
11/32"	0.3438	**8.73**	27/32"	0.8438	**21.43**
23/64"	0.3594	**9.13**	55/64"	0.8594	**21.83**
3/8"	0.3750	**9.53**	7/8"	0.8750	**22.23**
25/64"	0.3906	**9.92**	57/64"	0.8906	**22.62**
13/32"	0.4062	**10.32**	29/32"	0.9062	**23.02**
27/64"	0.4219	**10.72**	59/64"	0.9219	**23.42**
7/16"	0.4375	**11.11**	15/16"	0.9375	**23.81**
29/64"	0.4531	**11.51**	61/64"	0.9531	**24.21**
15/32"	0.4688	**11.91**	31/32"	0.9688	**24.61**
31/64"	0.4844	**12.30**	63/64"	0.9844	**25.00**
1/2"	0.5000	**12.70**	1"	1.0000	**25.40**

Whole inches → millimetres (1" – 60")

Inches	mm	Inches	mm	Inches	mm
1"	**25.4**	21"	**533.4**	41"	**1041.4**
2"	**50.8**	22"	**558.8**	42"	**1066.8**
3"	**76.2**	23"	**584.2**	43"	**1092.2**
4"	**101.6**	24"	**609.6**	44"	**1117.6**
5"	**127.0**	25"	**635.0**	45"	**1143.0**
6"	**152.4**	26"	**660.4**	46"	**1168.4**
7"	**177.8**	27"	**685.8**	47"	**1193.8**
8"	**203.2**	28"	**711.2**	48"	**1219.2**
9"	**228.6**	29"	**736.6**	49"	**1244.6**
10"	**254.0**	30"	**762.0**	50"	**1270.0**
11"	**279.4**	31"	**787.4**	51"	**1295.4**
12"	**304.8**	32"	**812.8**	52"	**1320.8**
13"	**330.2**	33"	**838.2**	53"	**1346.2**
14"	**355.6**	34"	**863.6**	54"	**1371.6**
15"	**381.0**	35"	**889.0**	55"	**1397.0**
16"	**406.4**	36"	**914.4**	56"	**1422.4**
17"	**431.8**	37"	**939.8**	57"	**1447.8**
18"	**457.2**	38"	**965.2**	58"	**1473.2**

Inches	mm	Inches	mm	Inches	mm
19"	**482.6**	39"	**990.6**	59"	**1498.6**
20"	**508.0**	40"	**1016.0**	60"	**1524.0**

Millimetres → inches (common values, rounded to 3 decimals)

mm	Inches	mm	Inches	mm	Inches
8 mm	**0.315"**	10 mm	**0.394"**	12 mm	**0.472"**
16 mm	**0.63"**	20 mm	**0.787"**	22 mm	**0.866"**
24 mm	**0.945"**	25 mm	**0.984"**	26 mm	**1.024"**
27 mm	**1.063"**	28 mm	**1.102"**	30 mm	**1.181"**
32 mm	**1.26"**	35 mm	**1.378"**	38 mm	**1.496"**
40 mm	**1.575"**	43 mm	**1.693"**	46 mm	**1.811"**
50 mm	**1.969"**	51 mm	**2.008"**	52 mm	**2.047"**
57 mm	**2.244"**	58 mm	**2.283"**	60 mm	**2.362"**
63 mm	**2.48"**	65 mm	**2.559"**	76 mm	**2.992"**
90 mm	**3.543"**				

Millimetre values rounded to 2 decimals (fractions) and 1 decimal (whole inches). Basis: 1 inch = 25.4 mm (defined in 1959).
Inches to mm: multiply by 25.4. Mm to inches: divide by 25.4.