

# inch/metric conversion table

## Millimeters to Inches | Fractional to Decimal

Example: To look up the inch equivalent of 15mm, find 10 on the horizontal axis and 5 on the vertical axis. Their intersection is the inch equivalent.

15mm = .59055 inch | 1 inch = 25.4mm

## Millimeters to Inches

mm	0	10	20	30	40	50
0	0.00000	0.39370	0.78740	1.18110	1.57480	1.96850
1	0.03937	0.43307	0.82677	1.22047	1.61417	2.00787
2	0.07874	0.47244	0.86614	1.25984	1.65354	2.04724
3	0.11811	0.51181	0.90551	1.29921	1.69291	2.08661
4	0.15748	0.55118	0.94488	1.33858	1.73228	2.12598
5	0.19685	0.59055	0.98425	1.37795	1.77165	2.16535
6	0.23622	0.62992	1.02362	1.41732	1.81102	2.20472
7	0.27559	0.66929	1.06299	1.45669	1.85039	2.24409
8	0.31496	0.70866	1.10236	1.49606	1.88976	2.28346
9	0.35433	0.74803	1.14173	1.53543	1.92913	2.32283
mm	60	70	80	90	100	110
0	2.36220	2.75591	3.14961	3.54331	3.93701	4.33071
1	2.40157	2.79528	3.18898	3.58268	3.97638	4.37008
2	2.44094	2.83465	3.22835	3.62205	4.01575	4.40945
3	2.48031	2.87402	3.26772	3.66142	4.05512	4.44882
4	2.51969	2.91339	3.30709	3.70079	4.09449	4.48819
5	2.55906	2.95276	3.34646	3.74016	4.13386	4.52756
6	2.59843	2.99213	3.38583	3.77953	4.17323	4.56693
7	2.63780	3.03150	3.42520	3.81890	4.21260	4.60630
8	2.67717	3.07087	3.46457	3.85827	4.25197	4.64567
9	2.71654	3.11024	3.50394	3.89764	4.29134	4.68504

mm	120	130	140	150	160	170
0	4.72441	5.11811	5.51181	5.90551	6.29921	6.69291
1	4.76378	5.15748	5.55118	5.94488	6.33858	6.73228
2	4.80315	5.19685	5.59055	5.98425	6.37795	6.77165
3	4.84252	5.23622	5.62992	6.02362	6.41732	6.81102
4	4.88189	5.27559	5.66929	6.06299	6.45669	6.85039
5	4.92126	5.31496	5.70866	6.10236	6.49606	6.88976
6	4.96063	5.35433	5.74803	6.14173	6.53543	6.92913
7	5.00000	5.39370	5.78740	6.18110	6.57480	6.96850
8	5.03937	5.43307	5.82677	6.22047	6.61417	7.00787
9	5.07874	5.47244	5.86614	6.25984	6.65354	7.04724
mm	180	190	200	210	220	230
0	7.08661	7.48031	7.87402	8.26772	8.66142	9.05512
1	7.12598	7.51969	7.91339	8.30709	8.70079	9.09449
2	7.16535	7.55906	7.95276	8.34646	8.74016	9.13386
3	7.20472	7.59843	7.99213	8.38583	8.77953	9.17323
4	7.24409	7.63780	8.03150	8.42520	8.81890	9.21260
5	7.28346	7.67717	8.07087	8.46457	8.85827	9.25197
6	7.32283	7.71654	8.11024	8.50394	8.89764	9.29134
7	7.36220	7.75591	8.14961	8.54331	8.93701	9.33071
8	7.40157	7.79528	8.18898	8.58268	8.97638	9.37008
9	7.44094	7.83465	8.22835	8.62205	9.01575	9.40945

## Fractional to Decimal

Fraction Inch	Decimal Inch	Decimal mm
1/64	0.01563	0.3969
1/32	0.03125	0.7938

3/64	0.04688	1.1906
1/16	0.06250	1.5875
5/64	0.07813	1.9844
3/32	0.09375	2.3813
7/64	0.10938	2.7781
1/8	0.12500	3.1750
9/64	0.14063	3.5719
5/32	0.15625	3.9688
11/64	0.17188	4.3656
3/16	0.18750	4.7625
13/64	0.20313	5.1594
7/32	0.21875	5.5562
15/64	0.23438	5.9531
1/4	0.25000	6.3500
17/64	0.26563	6.7469
9/32	0.28125	7.1438
5/16	0.31250	7.9375
11/32	0.34375	8.7313
3/8	0.37500	9.5250
13/32	0.40625	10.3188
7/16	0.43750	11.1125
15/32	0.46875	11.9063
1/2	0.50000	12.7000
17/32	0.53125	13.4937
9/16	0.56250	14.2875
19/32	0.59375	15.0812
5/8	0.62500	15.8750
11/16	0.68750	17.4625

3/4	0.75000	19.0500
13/16	0.81250	20.6375
7/8	0.87500	22.2250
15/16	0.93750	23.8125
1	1.00000	25.4000
1-1/16	1.06250	26.9875
1-1/8	1.12500	28.5750
1-3/16	1.18750	30.1625
1-1/4	1.25000	31.7500
1-5/16	1.31250	33.3375