

British equivalents of metric linear measures:

- 1 km = 0.621370 mi.
- 1 m = 3.281 ft = 39.4 in.
- 1 cm = 0.033 ft = 0.394 in.
- 1 mm = 0.0394 in.

Conversion Table. Conversion of inches expressed in decimal fractions into millimetres and vice versa

in.	mm	in.	mm	mm	in.	mm	in.
0.01	0.25	4.0	101.60	0.01	0.0004	4.0	0.1575
0.05	1.27	5.0	127.00	0.05	0.0020	5.0	0.1968
0.1	2.54	6.0	152.40	0.1	0.0039	6.0	0.2362
0.5	12.70	7.0	177.80	0.5	0.0197	7.0	0.2756
1.0	25.40	8.0	203.20	1.0	0.0394	8.0	0.3150
2.0	50.80	9.0	228.60	2.0	0.0787	9.0	0.3543
3.0	76.20	10.0	254.00	3.0	0.1181	10.0	0.3937

Example: 4.687 in. = ? mm

- 4.0 in. = 101.6000 mm
- 0.6 in. = 15.2400 mm
- 0.08 in. = 2.0320 mm
- 0.007 in. = 0.1778 mm
- 4.687 in. = 119.0498 mm

Conversion Table. Conversion of inches expressed in proper fractions into millimetres

in.	mm	in.	mm	in.	mm	in.	mm
1/2	12.700	1/32	0.794	1/64	0.397	33/64	13.097
1/4	6.350	3/32	2.381	3/64	1.191	35/64	13.891
3/4	19.050	5/32	3.969	5/64	1.984	37/64	14.684
1/8	3.175	7/32	5.556	7/64	2.778	39/64	15.478
3/8	9.525	9/32	7.144	9/64	3.572	41/64	16.272
5/8	15.875	11/32	8.731	11/64	4.366	43/64	17.066
7/8	22.225	13/32	10.319	13/64	5.159	45/64	17.857
1/16	1.588	15/32	11.906	15/64	5.953	47/64	18.653
3/16	4.762	17/32	13.494	17/64	6.747	49/64	19.447
5/16	7.938	19/32	15.081	19/64	7.541	51/64	20.241
7/16	11.112	21/32	16.669	21/64	8.334	53/64	21.034
9/16	14.288	23/32	18.256	23/64	9.128	55/64	21.828
11/16	17.463	25/32	19.844	25/64	9.922	57/64	22.622
13/16	20.638	27/32	21.431	27/64	10.716	59/64	23.416
15/16	23.812	29/32	32.019	29/64	11.509	61/64	24.209
		31/32	24.606	31/64	12.303	63/64	25.003

Example: 3¹¹/₁₆ in. = ? mm

- 3 in. = 76.200 mm
- 11/16 in. = 17.463 mm
- 3¹¹/₁₆ in. = 93.663 mm