Measurement & Conversion Table

Fractions of an inch in 1/64-inch increments

1 inch = 25.4 millimeters exactly. Millimeters below are rounded to four decimal places.

Fraction (in)	Decimal (in)	Millimeters
1/64	**0.015625**	0.3969
1/32	**0.031250**	0.7938
3/64	**0.046875**	1.1906
1/16	**0.062500**	1.5875
5/64	**0.078125**	1.9844
3/32	**0.093750**	2.3813
7/64	**0.109375**	2.7781
1/8	**0.125000**	3.1750
9/64	**0.140625**	3.5719
5/32	**0.156250**	3.9688
11/64	**0.171875**	4.3656
3/16	**0.187500**	4.7625
13/64	**0.203125**	5.1594
7/32	**0.218750**	5.5563
15/64	**0.234375**	5.9531
1/4	**0.250000**	6.3500
17/64	**0.265625**	6.7469
9/32	**0.281250**	7.1438
19/64	**0.296875**	7.5406
5/16	**0.312500**	7.9375
21/64	**0.328125**	8.3344
11/32	**0.343750**	8.7313
23/64	**0.359375**	9.1281
3/8	**0.375000**	9.5250
25/64	**0.390625**	9.9219
13/32	**0.406250**	10.3188
27/64	**0.421875**	10.7156
7/16	**0.437500**	11.1125
29/64	**0.453125**	11.5094
15/32	**0.468750**	11.9063
31/64	**0.484375**	12.3031
1/2	**0.500000**	12.7000

Fraction (in)	Decimal (in)	Millimeters
33/64	**0.515625**	13.0969
17/32	**0.531250**	13.4938
35/64	**0.546875**	13.8906
9/16	**0.562500**	14.2875
37/64	**0.578125**	14.6844
19/32	**0.593750**	15.0813
39/64	**0.609375**	15.4781
5/8	**0.625000**	15.8750
41/64	**0.640625**	16.2719
21/32	**0.656250**	16.6688
43/64	**0.671875**	17.0656
11/16	**0.687500**	17.4625
45/64	**0.703125**	17.8594
23/32	**0.718750**	18.2563
47/64	**0.734375**	18.6531
3/4	**0.750000**	19.0500
49/64	**0.765625**	19.4469
25/32	**0.781250**	19.8438
51/64	**0.796875**	20.2406
13/16	**0.812500**	20.6375
53/64	**0.828125**	21.0344
27/32	**0.843750**	21.4313
55/64	**0.859375**	21.8281
7/8	**0.875000**	22.2250
57/64	**0.890625**	22.6219
29/32	**0.906250**	23.0188
59/64	**0.921875**	23.4156
15/16	**0.937500**	23.8125
61/64	**0.953125**	24.2094
31/32	**0.968750**	24.6063
63/64	**0.984375**	25.0031
1	**1.000000**	25.4000