

Fractional Inches to Decimal Inches to Approximate Millimeters to Practical Millimeters

Decimal inches multiplied by 25.4 = approximate mm. N.B. When specifying metric sheet or trim sizes, fractional approximate mm measurements

must be rounded off to the nearest whole number; i.e., 50.8 mm is not a practical measurement; it should be rounded up to 51 mm, and 0.5 mm is always rounded down.

Fractional Inch	Decimal Inch	Approximate Millimeters	Practical Millimeters
1/16	0.0625	1.5875	2
1/8	0.1250	3.1750	3
3/16	0.1875	4.7625	5
1/4	0.2500	6.3500	6
5/16	0.3125	7.9375	8
3/8	0.3750	9.5250	10
7/16	0.4375	11.1125	11
1/2	0.5000	12.7000	13
9/16	0.5625	14.2875	14
5/8	0.6250	15.8750	16
11/16	0.6875	17.4625	17
3/4	0.7500	19.0500	19
13/16	0.8125	20.6375	21
7/8	0.8750	22.2250	22
15/16	0.9375	23.8125	24
	1.0	25.4	25

Millimeters to Decimal Inches to Approximate Fractional Inches to Practical Fractional Inches

Millimeters divided by 25.4 = decimal inches. N.B. Fractional practical inches have been rounded to the nearest 1/16 inch, which may not always be a practical measurement when specifying sheet or trim sizes in inches. "<" = less than; ">" = greater than

Millimeters	Decimal Inch	Approximate Fractional Inch	Practical Fractional Inch
1	0.03937	<3/64	0
2	0.07874	>5/64	1/16
3	0.11811	>7/64	1/8
4	0.15748	>5/32	3/16
5	0.19685	<13/64	3/16
6	0.23622	>15/64	1/4
7	0.27559	<9/32	1/4
8	0.31496	>5/16	5/16
9	0.35433	>11/32	3/8
10	0.39370	<13/32	3/8
11	0.43307	>27/64	7/16
12	0.47244	>15/32	1/2
13	0.51181	<33/64	1/2
14	0.55118	>35/64	9/16
15	0.59055	<19/32	9/16
16	0.62992	<41/64	5/8
17	0.66929	>21/32	11/16
18	0.70866	<23/32	11/16
19	0.74803	>47/64	3/4
20	0.78740	>25/32	13/16
21	0.82677	<53/64	13/16
22	0.86614	>55/64	7/8
23	0.90551	<29/32	7/8
24	0.94488	<61/64	15/16
25	0.98425	>31/32	1