

**Fractions – Decimals – Millimeters Conversion Chart**

This chart provides quick, accurate conversions to help you move seamlessly between fractional, decimal, and metric dimensions during design and specification.

	<u>Inches</u>	<u>Millimeters</u>		<u>Inches</u>	<u>Millimeters</u>
$\frac{1}{32}$	$\frac{1}{64}$ .015625	.3969	$\frac{17}{32}$	$\frac{33}{64}$ .515625	13.0969
$\frac{1}{16}$	$\frac{3}{64}$ .046875	.7938	$\frac{9}{16}$	$\frac{35}{64}$ .546875	13.4938
$\frac{3}{32}$	$\frac{5}{64}$ .078125	1.1906	$\frac{19}{32}$	$\frac{37}{64}$ .578125	13.8907
$\frac{1}{8}$	$\frac{7}{64}$ .109375	1.5875	$\frac{5}{8}$	$\frac{39}{64}$ .609375	14.2876
$\frac{5}{32}$	$\frac{9}{64}$ .140625	1.9844	$\frac{21}{32}$	$\frac{41}{64}$ .640625	14.6844
$\frac{3}{16}$	$\frac{11}{64}$ .171875	2.3813	$\frac{11}{16}$	$\frac{43}{64}$ .671875	15.0813
$\frac{7}{32}$	$\frac{13}{64}$ .203125	2.7781	$\frac{23}{32}$	$\frac{45}{64}$ .703125	15.4782
$\frac{1}{4}$	$\frac{15}{64}$ .234375	3.1750	$\frac{3}{4}$	$\frac{47}{64}$ .734375	15.8751
$\frac{9}{32}$	$\frac{17}{64}$ .265625	3.5719	$\frac{25}{32}$	$\frac{49}{64}$ .765625	16.2719
$\frac{5}{16}$	$\frac{19}{64}$ .296875	3.9688	$\frac{13}{16}$	$\frac{51}{64}$ .796875	16.6688
$\frac{11}{32}$	$\frac{21}{64}$ .328125	4.3656	$\frac{27}{32}$	$\frac{53}{64}$ .828125	17.0657
$\frac{3}{8}$	$\frac{23}{64}$ .359375	4.7625	$\frac{7}{8}$	$\frac{55}{64}$ .859375	17.4626
$\frac{13}{32}$	$\frac{25}{64}$ .390625	5.1594	$\frac{29}{32}$	$\frac{57}{64}$ .890625	17.8594
$\frac{7}{16}$	$\frac{27}{64}$ .421875	5.5563	$\frac{15}{16}$	$\frac{59}{64}$ .921875	18.2563
$\frac{15}{32}$	$\frac{29}{64}$ .453125	5.9531	$\frac{31}{32}$	$\frac{61}{64}$ .953125	18.6532
$\frac{1}{2}$	$\frac{31}{64}$ .484375	6.3500	$\frac{1}{2}$	$\frac{63}{64}$ .984375	19.0501
		6.7469			19.4470
		7.1438			19.8438
		7.5406			20.2407
		7.9375			20.6376
		8.3344			21.0345
		8.7313			21.4313
		9.1282			21.8282
		9.5250			22.2251
		9.9219			22.6220
		10.3188			23.0188
		10.7157			23.4157
		11.1125			23.8126
		11.5094			24.2095
		11.9063			24.6063
		12.3032			25.0032
		12.7001			25.4001