

Metric Conversion Tables

Fractions, Decimals and Millimeters

FRACTIONS	DECIMALS	MILLIMETERS	FRACTIONS	DECIMALS	MILLIMETERS	MM	INCHES	MM	INCHES
$\frac{1}{64}$	0.015625	- 0.397	$\frac{33}{64}$	0.515625	-13.097	.1-	.0039	47-	1.8504
$\frac{1}{32}$	.03125	- 0.794	$\frac{17}{32}$	.53125	-13.494	.2-	.0079	48-	1.8898
$\frac{3}{64}$	.046875	- 1.191	$\frac{35}{64}$	.546875	-13.891	.3-	.0118	49-	1.9291
$\frac{1}{16}$	.0625	- 1.588	$\frac{9}{16}$	.5625	-14.288	.4-	.0157	50-	1.9685
$\frac{5}{64}$	.078125	- 1.984	$\frac{37}{64}$	.578125	-14.684	.5-	.0197	51-	2.0079
$\frac{3}{32}$	.09375	- 2.381	$\frac{19}{32}$	.59375	-15.081	.6-	.0236	52-	2.0472
$\frac{7}{64}$	.109375	- 2.778	$\frac{39}{64}$	.609375	-15.478	.7-	.0276	53-	2.0866
$\frac{1}{8}$	.1250	- 3.175	$\frac{5}{8}$	.6250	-15.875	.8-	.0315	54-	2.1260
$\frac{9}{64}$	.140625	- 3.572	$\frac{41}{64}$	.640625	-16.272	.9-	.0354	55-	2.1654
$\frac{5}{32}$	.15625	- 3.969	$\frac{21}{32}$	.65625	-16.669	1-	.0394	56-	2.2047
$\frac{11}{64}$	.171875	- 4.366	$\frac{43}{64}$	.671875	-17.066	2-	.0787	57-	2.2441
$\frac{3}{16}$	.1875	- 4.763	$\frac{11}{16}$	.6875	-17.463	3-	.1181	58-	2.2835
$\frac{13}{64}$	.203125	- 5.159	$\frac{45}{64}$	.703125	-17.859	4-	.1575	59-	2.3228
$\frac{7}{32}$	.21875	- 5.556	$\frac{23}{32}$	.71875	-18.256	5-	.1969	60-	2.3622
$\frac{15}{64}$	.234375	- 5.953	$\frac{47}{64}$	.734375	-18.653	6-	.2362	61-	2.4016
$\frac{1}{4}$	.2500	- 6.350	$\frac{3}{4}$	.7500	-19.050	7-	.2756	62-	2.4409
$\frac{17}{64}$	.265625	- 6.747	$\frac{49}{64}$	.765625	-19.447	8-	.3150	63-	2.4803
$\frac{9}{32}$	.28125	- 7.144	$\frac{25}{32}$	.78125	-19.844	9-	.3543	64-	2.5197
$\frac{19}{64}$	.296875	- 7.541	$\frac{51}{64}$	.796875	-20.241	10-	.3937	65-	2.5591
$\frac{5}{16}$	.3125	- 7.938	$\frac{13}{16}$	.8125	-20.638	11-	.4331	66-	2.5984
$\frac{21}{64}$	.328125	- 8.334	$\frac{45}{64}$	.828125	-21.034	12-	.4724	67-	2.6378
$\frac{11}{32}$	.34375	- 8.731	$\frac{27}{32}$	.84375	-21.431	13-	.5118	68-	2.6772
$\frac{23}{64}$	.359375	- 9.128	$\frac{55}{64}$	.859375	-21.828	14-	.5512	69-	2.7165
$\frac{3}{8}$	.3750	- 9.525	$\frac{7}{8}$	.8750	-22.225	15-	.5906	70-	2.7559
$\frac{25}{64}$	.390625	- 9.922	$\frac{57}{64}$	.890625	-22.622	16-	.6299	71-	2.7953
$\frac{13}{32}$	.40625	-10.319	$\frac{29}{32}$	.90625	-23.019	17-	.6693	72-	2.8346
$\frac{27}{64}$	.421875	-10.716	$\frac{59}{64}$	.921875	-23.416	18-	.7087	73-	2.8740
$\frac{7}{16}$	.4375	-11.113	$\frac{15}{16}$	.9375	-23.813	19-	.7480	74-	2.9134
$\frac{29}{64}$	.453125	-11.509	$\frac{61}{64}$	.953125	-24.209	20-	.7874	75-	2.9528
$\frac{15}{32}$	.46875	-11.906	$\frac{31}{32}$	.96875	-24.606	21-	.8268	76-	2.9921
$\frac{31}{64}$	.484375	-12.303	$\frac{63}{64}$	.984375	-25.003	22-	.8661	77-	3.0315
$\frac{1}{2}$	.5000	-12.700	1	1.000	-25.400	23-	.9055	78-	3.0709
						24-	.9449	79-	3.1102
						25-	.9843	80-	3.1496
						26-	1.0236	81-	3.1890
						27-	1.0630	82-	3.2283
						28-	1.1024	83-	3.2677
						29-	1.1417	84-	3.3071
						30-	1.1811	85-	3.3465
						31-	1.2205	86-	3.3858
						32-	1.2598	87-	3.4252
						33-	1.2992	88-	3.4646
						34-	1.3386	89-	3.5039
						35-	1.3780	90-	3.5433
						36-	1.4173	91-	3.5827
						37-	1.4567	92-	3.6220
						38-	1.4961	93-	3.6614
						39-	1.5354	94-	3.7008
						40-	1.5748	95-	3.7402
						41-	1.6142	96-	3.7795
						42-	1.6535	97-	3.8189
						43-	1.6929	98-	3.8583
						44-	1.7323	99-	3.8976
						45-	1.7717	100-	3.9370
						46-	1.8110		

1 mm = .03937"

.001" = .0254 mm