

## Length Equivalents - Fractional and Decimal Inches to Millimeters

INCHES		mm	INCHES		mm	INCHES		mm	INCHES		mm
Fractions	Decimals		Fractions	Decimals		Fractions	Decimals		Fractions	Decimals	
	.00394	.1		.23	5.842	1/2	.50	12.7		.77	19.558
	.00787	.2	15/64	.234375	5.9531		.51	12.954		.78	19.812
	.01	.254		.23622	6.0		.51181	13.0	25/32	.78125	19.8438
	.01181	.3		.24	6.096	33/64	.515625	13.0969		.78740	20.0
1/64	.015625	.3969	1/4	.25	6.35		.52	13.208		.79	20.066
	.01575	.4		.26	6.604		.53	13.462	51/64	.796875	20.2406
	.01969	.5	17/64	.265625	6.7469	17/32	.53125	13.4938		.80	20.320
	.02	.508		.27	6.858		.54	13.716		.81	20.574
	.02362	.6		.27559	7.0	35/64	.546875	13.8906	13/16	.8125	20.6375
	.02756	.7		.28	7.112		.55	13.970		.82	20.828
	.03	.762	9/32	.28125	7.1438		.55118	14.0		.82677	21.0
1/32	.03125	.7938		.29	7.366		.56	14.224	53/64	.828125	21.0344
	.0315	.8	19/64	.296875	7.5406	9/16	.5625	14.2875		.83	21.082
	.13543	.9		.30	7.62		.57	14.478		.84	21.336
	.03937	1.0		.31	7.874	37/64	.578125	14.6844	27/32	.84375	21.4312
	.04	1.016	5/16	.3125	7.9375		.58	14.732		.85	21.590
3/64	.046875	1.1906		.31496	8.0		.59	14.986	55/64	.859375	21.8281
	.05	1.27		.32	8.128		.5905	15.0		.86	21.844
	.06	1.524	21/64	.328125	8.3344	19/32	.59375	15.0812		.86614	22.0
1/16	.0625	1.5875		.33	8.382		.60	15.24		.87	22.098
	.07	1.778		.34	8.636	39/64	.609375	15.4781	7/8	.875	22.225
5/64	.078125	1.9844	11/32	.34375	8.7312		.61	15.494		.88	22.352
	.07874	2.0		.35	8.89		.62	15.748		.89	22.606
	.08	2.032		.35433	9.0	5/8	.625	15.875	57/64	.890625	22.6219
	.09	2.286	23/64	.359375	9.1281		.62992	16.0		.90	22.860
3/32	.09375	2.3812		.36	9.144		.63	16.002		.90551	23.0
	.1	2.54		.37	9.398		.64	16.256	29/32	.90625	23.0188
7/64	.109375	2.7781	3/8	.375	9.525	41/64	.640625	16.2719		.91	23.114
	.11	2.794		.38	9.652		.65	16.510		.92	23.368
	.11811	3.0		.39	9.906	21/32	.65625	16.6688	59/64	.921875	23.1456
	.12	3.048	25/64	.390625	9.9219		.66	16.764		.93	23.622
1/8	.125	3.175		.39370	10.0		.66929	17.0	15/16	.9375	23.8125
	.13	3.302		.40	10.16		.67	17.018		.94	23.876
	.14	3.556	13/32	.40625	10.3188	43/64	.671875	17.0656		.94488	24.0
9/64	.140625	3.5719		.41	10.414		.68	17.272		.95	24.130
	.15	3.810		.42	10.668	11/16	.6875	17.4625	61/64	.953125	24.2094
5/32	.15625	3.9688	27/64	.421875	10.7156		.69	17.526		.96	24.384
	.15748	4.0		.43	10.922		.70	17.78	31/32	.96875	24.6062
	.16	4.064		.43307	11.0	45/64	.703125	17.8594		.97	24.638
	.17	4.318	7/16	.4375	11.1125		.70866	18.0		.98	24.892
11/64	.171875	4.3656		.44	11.176		.71	18.034		.98425	25.0
	.18	4.572		.45	11.430	23/32	.71875	18.2562	63/64	.984375	25.0031
3/16	.1875	4.7625	29/64	.453125	11.5094		.72	18.288		.99	25.146
	.19	4.826		.46	11.684		.73	18.542	1	1.00000	25.4000
	.19685	5.0	15/32	.46875	11.9062	47/64	.734375	18.6531			
	.2	5.08		.47	11.938		.74	18.796			
13/64	.203125	5.1594		.47244	12.0		.74803	19.0			
	.21	5.334		.48	12.192	3/4	.75	19.050			
7/32	.21875	5.5562	31/64	.484375	12.3031		.76	19.304			
	.22	5.588		.49	12.446	49/64	.765625	19.4469			

Note: Round off decimal points to provide no more than the desired degree of accuracy.