



# INCH/METRIC CONVERSION TABLE

## T E C H N I C A L

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INCH		MM	INCH		MM	INCH		MM	INCH		MM
Fraction	Decimal		Fraction	Decimal		Fraction	Decimal		Fraction	Decimal	
	0.0004	0.001	17/64	0.2656	6.746		0.6693	17.0		1.3780	35.0
	0.0039	0.010		0.2756	7.0	43/64	0.6719	17.066		1.4173	36.0
	0.0010	0.025	9/32	0.2812	7.1437	11/16	0.6875	17.4625	1-1/2	1.5000	38.1
	0.0020	0.051	19/64	0.2969	7.5406	45/64	0.7031	17.859		1.5354	39.0
	0.0030	0.0762	5/16	0.3125	7.9375		0.7086	18		1.5748	40.0
	0.00394	0.1		0.3150	8.0	23/32	0.7187	18.256		1.6535	42.0
	0.0050	0.1270	21/64	0.3281	8.334	47/64	0.7344	18.653	1-3/4	1.7500	44.45
	0.00984	0.25	11/32	0.3437	8.731		0.7480	19.0		1.7717	45.0
	0.0100	0.254		0.3543	9.0	3/4	0.7500	19.05		1.8898	48.0
1/64	0.0156	0.396	23/64	0.3594	9.1281	49/64	0.7656	19.446		1.9685	50.0
1/32	0.0312	0.793	3/8	0.3750	9.525	25/32	0.7812	19.843	2	2.0000	50.8
	0.03937	1.0	25/64	0.3906	9.9219		0.7874	20.0		2.0472	52.0
3/64	0.0469	1.191		0.3937	10.0	51/64	0.7969	20.240		2.1654	55.0
	0.0591	1.5	13/32	0.4062	10.318	13/16	0.8125	20.6375		2.2047	56.0
1/16	0.0625	1.5875	27/64	0.4219	10.716		0.8268	21.0	2-1/4	2.2500	57.15
5/64	0.0781	1.984		0.4331	11.0	53/64	0.8281	21.034		2.3622	60.0
	0.0787	2.0	7/16	0.4375	11.1125	27/32	0.8437	21.431	2-1/2	2.5000	63.5
3/32	0.0937	2.381	29/64	0.4531	11.509	55/64	0.8594	21.828		2.5197	64.0
	0.0984	2.5	15/32	0.4687	11.906		0.8661	22.0	2-3/4	2.7500	69.85
	0.1000	2.54		0.4724	12.0	7/8	0.8750	22.225		2.8346	72.0
7/64	0.1094	2.778	31/64	0.4844	12.303	57/64	0.8906	22.621		2.9528	75.0
	0.1181	3.0	1/2	0.5000	12.7		0.9055	23.0	3.0	3.0000	76.2
1/8	0.125	3.175		0.5118	13.0	29/32	0.9062	23.018		3.1496	80.0
	0.1378	3.5	33/64	0.5156	13.096	59/64	0.9219	23.416	3-1/4	3.2500	82.55
9/64	0.1406	3.571	17/32	0.5312	13.493	15/16	0.9375	23.8125	3-1/2	3.5000	88.9
5/32	0.1562	3.968	35/64	0.5469	13.891		0.9449	24.0		3.5433	90.0
	0.1575	4.0		0.5512	14.0	61/64	0.9531	24.209	3-3/4	3.7500	95.25
11/64	0.1719	4.366	9/16	0.5625	14.2875	31/32	0.9687	24.606		3.9370	100.0
	0.1772	4.5	37/64	0.5781	14.684		0.9843	25.0	4	4.0000	101.6
3/16	0.1875	4.7625		0.5906	15.0	63/64	0.9844	25.003	4-1/4	4.2500	107.95
	0.1969	5.0	19/32	0.5937	15.081	1	1.0000	25.4		4.3307	110.0
13/64	0.2031	5.159	39/64	0.6094	15.478		1.0630	27.0	4-1/2	4.5000	114.3
7/32	0.2187	5.556	5/8	0.6250	15.875		1.1024	28.0		4.7244	120.0
15/64	0.2344	5.953		0.6299	16.0		1.1811	30.0	4-3/4	4.7500	120.65
	0.2362	6.0	41/64	0.6406	16.271	1-1/4	1.2500	31.75	5	5.0000	127.0
1/4	0.2500	6.35	21/32	0.6562	16.668		1.2992	33.0	5-1/2	5.5000	139.7

### CONVERSION FACTORS

Inches	x 25.4	= Millimeters
Millimeters	x .03937	= Inches
Sq. Inches	x 6.4515	= Sq. Centimeters
Sq. Centimeters	x .155	= Sq. Inches
Pounds	x .4536	= Kilograms
Kilograms	x 2.2046	= Pounds

Lbs. per in. <sup>2</sup>	x .0703	= Kg per cm <sup>2</sup>
Kg per cm <sup>2</sup>	x 14.2231	= Lbs. per in. <sup>2</sup>
Pounds (Force)	x 4.448	= Newtons
Newtons	x .2248	= Pounds (Force)
Degrees C = (Degrees F - 32) x .5556		
Degrees F = (Degrees C x 1.8) + 32		