

**INCH AND METRIC CONVERSIONS**

Fraction	Decimal	Metric	Fraction	Decimal	Metric	Fraction	Decimal	Metric	Fraction	Decimal	Metric
inch		mm	inch		mm	inch		mm	inch		mm
	0.0004	0.0010	17/64	0.2656	6.7462		0.6693	17.0002		1.3780	35.0012
	0.00039	0.0100		0.2756	7.0002	43/64	0.6719	17.0663		1.4173	35.9994
	0.00100	0.0250	9/32	0.2812	7.1425	11/16	0.6875	17.4625	1 1/2	1.5000	38.1000
	0.00200	0.0510	19/64	0.2969	7.5413	7/8	0.7031	17.8587		1.5354	38.9992
	0.00300	0.0762	5/16	0.3125	7.9375		0.7086	17.9984		1.5748	39.9999
	0.00394	0.1000		0.3150	8.0010	23/32	0.7187	18.2550		1.6535	41.9989
	0.00500	0.1270	21/94	0.3281	8.3337	47/64	0.7344	18.6538	1 3/4	1.7500	44.4500
	0.00984	0.2500	11/32	0.3437	8.7300		0.7480	18.9992		1.7717	45.0012
	0.01000	0.2540		0.3543	8.9992	3/4	0.7500	19.0500		1.8898	48.0009
1/64	0.01560	0.3960	23/64	0.3150	8.0010	49/94	0.7656	19.4462		2.2047	55.9994
1/32	0.03120	0.7930	3/8	0.3281	8.3337	25/32	0.7812	19.8425	2	2.0000	50.8000
	0.03937	1.0000	25/64	0.3437	8.7300		0.7874	20.0000		2.0472	51.9989
3/32	0.04690	1.1910		0.3937	10.0000	51/64	0.7969	20.2413		2.1654	55.0012
	0.05910	1.5000	13/32	0.4062	10.3175	13/16	0.8125	20.6375		2.2047	55.9994
1/16	0.06250	1.5875	27/64	0.4219	10.7163		0.8268	21.0007	2 1/4	2.2500	57.1500
5/64	0.07810	1.9840		0.4331	11.0007	53/64	0.8281	21.0337		2.3622	59.9999
	0.07870	2.0000	7/16	0.4375	11.1125	27/32	0.8467	21.5062	2 1/2	2.5000	63.5000
3/32	0.09370	2.3810	29/64	0.4531	11.5087	55/64	0.8594	21.8288		2.5197	64.0004
	0.09840	2.5000	15/32	0.4687	11.9050		0.8661	21.9989	2 3/4	2.7500	69.8500
	0.10000	2.5400		0.4724	11.9990	7/8	0.8750	22.2250		2.8346	71.9988
	0.10940	2.7788	31/64	0.4844	12.3038	57/64	0.8906	22.6212		2.9528	75.0011
	0.11810	2.9997	1/2	0.5000	12.7000		0.9055	22.9997	3	3.0000	76.2000
1/8	0.12500	3.1750		0.5118	12.9997	29/32	0.9062	23.0175		3.1469	79.9313
	0.13780	3.5001	33/64	0.5156	13.0962	59/64	0.9219	23.4163	3 1/4	3.2500	82.5500
9/64	0.14060	3.5712	17/32	0.5312	13.4925	15/16	0.9375	23.8125	3 1/2	3.5000	88.9000
5/32	0.15620	3.9675	35/64	0.5469	13.8913		0.9449	24.0005		3.5433	89.9998
	0.15750	4.0005		0.5512	14.0005	61/64	0.9531	24.2087	3 3/4	3.7500	95.2500
11/64	0.17190	4.3663	9/16	0.5625	14.2875	31/32	0.9687	24.6050		3.9370	99.9998
	0.17720	4.5009	37/64	0.5781	14.6837		0.9843	25.0012	4	4.0000	101.6000
3/16	0.18750	4.7625		0.5906	15.0012	63/64	0.9844	25.0038	4 1/4	4.2500	107.9500
	0.19690	5.0013	19/32	0.5937	15.0800	1	1.0000	25.4000		4.3307	109.9998
13/64	0.20310	5.1587	39/64	0.6094	15.4788		1.0630	27.0002	4 1/2	4.5000	114.3000
7/32	0.21870	5.5550	5/8	0.6250	15.8750		1.1024	28.0010		4.7244	119.9998
15/64	0.23440	5.9538		0.6299	15.9995		1.1811	29.9999	4 3/4	4.7500	120.6500
	0.23620	5.9995	41/64	0.6406	16.2712	1 1/4	1.2500	31.7500	5	5.0000	127.0000
1/4	0.25000	6.3500	21/32	0.6562	16.6675		1.2992	32.9997	5 1/2	5.5000	139.7000

TEMPERATURE CONVERSIONS											
C	Temp.	F	C	Temp.	F	C	Temp.	F	C	Temp.	F
F = 5/9F+32			C = 5/9F-32			F = 5/9F+32			C = 5/9F-32		
-73.3	-100	-148.0	0.0	32	89.6	21.7	71	159.8	43.3	110	230.0
-62.2	-80	-112.0	0.6	33	91.4	22.2	72	161.6	46.1	115	239.0
-51.1	-60	-76.0	1.1	34	93.2	22.8	73	163.4	48.9	120	248.0
-40.0	-40	-40.0	1.7	35	95.0	23.3	74	165.2	51.7	125	257.0
-34.4	-30	-22.0	2.2	36	96.8	23.9	75	167.0	54.4	130	266.0
-28.9	-20	4.0	2.8	37	98.6	24.4	76	168.8	57.2	135	275.0
-23.3	-10	14.0	3.3	38	100.4	25.0	77	170.6	60.0	140	284.0
-17.8	0	32.0	3.9	39	102.2	25.6	78	172.4	65.6	150	302.0
-17.2	1	33.8	4.4	40	104.0	26.1	79	174.2	71.1	160	320.0
-16.7	2	35.6	5.0	41	105.8	26.7	80	176.0	76.7	170	338.0
-16.1	3	37.4	5.6	42	107.6	27.2	81	177.8	82.2	180	356.0
-15.6	4	39.2	6.1	43	109.4	27.8	82	179.6	87.8	190	374.0
-15.0	5	41.0	6.7	44	111.2	28.3	83	181.4	93.3	200	392.0
-14.4	6	42.8	7.2	45	113.0	28.9	84	183.2	98.9	210	410.0
-13.9	7	44.6	7.8	46	114.8	29.4	85	185.0	104.4	220	428.0
-13.3	8	46.4	8.3	47	116.6	30.0	86	186.8	110.0	230	446.0
-12.8	9	48.2	8.9	48	118.4	30.6	87	188.6	115.6	240	464.0
-12.2	10	50.0	9.4	49	120.2	31.1	88	190.4	121.1	250	482.0
-11.7	11	51.8	10.0	50	122.0	31.7	89	192.2	148.9	300	572.0
-11.1	12	53.6	10.6	51	123.8	32.2	90	194.0	176.7	350	662.0
-10.6	13	55.4	11.1	52	125.6	32.8	91	195.8	204.0	400	752.0
-10.0	14	57.2	11.7	53	127.4	33.3	92	197.6	232.0	450	842.0
-9.4	15	59.0	12.2	54	129.2	33.9	93	199.4	260.0	500	932.0
-8.9	16	60.8	12.8	55	131.0	34.4	94	201.2	288.0	550	1022.0
-8.3	17	62.6	13.3	56	132.8	35.0	95	203.0	316.0	600	1112.0
-7.8	18	64.4	13.9	57	134.6	35.6	96	204.8	343.0	650	1202.0
-7.2	19	66.2	14.4	58	136.4	36.1	97	206.6	371.0	700	1292.0
-6.7	20	68.0	15.0	59	138.2	36.7	98	208.4	399.0	750	1382.0
-6.1	21	69.8	15.6	60	140.0	37.2	99	210.2	427.0	800	1472.0
-5.6	22	71.6	16.1	61	141.8	37.8	100	212.0	454.0	850	1562.0
-5.0	23	73.4	16.7	62	143.6	38.3	101	213.8	482.0	900	1652.0
-4.4	24	75.2	17.2	63	145.4	38.9	102	215.6	510.0	950	1742.0
-3.9	25	77.0	17.8	64	147.2	39.4	103	217.4	538.0	1000	1832.0
-3.3	26	78.8	18.3	65	149.0	40.0	104	219.2	593.0	1100	2012.0
-2.8	27	80.6	18.9	66	150.8	40.6	105	221.0	649.0	1200	2192.0
-2.2	28	82.4	19.4	67	152.6	41.1	106	222.8	704.0	1300	2372.0
-1.7	29	84.2	20.0	68	154.4	41.7	107	224.6	760.0	1400	2552.0
-1.1	30	86.0	20.6	69	156.2	42.2	108	226.4	816.0	1500	2732.0
-0.6	31	87.8	21.1	70	158.0	42.8	109	228.2	871.0	1600	2912.0