

Metric Conversion Chart

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Inches to Millimeters			Inches to Millimeters			Millimeters to Inches		Millimeters to Inches		Temperature	
Fraction	(in) Decimal	(mm)	Fraction	(in) Decimal	(mm)	(mm)	(in)	(mm)	(in)	(°C)	(°F)
1/64	0.015625	0.4	33/64	0.515625	13.175	0.1	0.003937	72	2.8346	537.8	1000
	0.02	0.508		0.52	13.208	0.2	0.007874	73	2.874	500	932
	0.03	0.762		0.53	13.462	0.3	0.011811	74	2.9134	482.2	900
1/32	0.03125	0.7938	17/32	0.53125	13.4938	0.4	0.015748	75	2.9528	450	842
	0.04	1.016		0.54	13.716	0.5	0.019685	76	2.9922	426.7	800
3/64	0.046875	1.1906	35/64	0.546875	13.8906	0.6	0.023622	77	3.0315	400	752
	0.05	1.27		0.55	13.97	0.7	0.027559	78	3.0709	371.1	700
	0.06	1.524		0.56	14.224	0.8	0.031496	79	3.1102	350	662
1/16	0.0625	1.5875	9/16	0.5625	14.2875	0.9	0.035433	80	3.1496	315.6	600
	0.07	1.778		0.57	14.478	1	0.03937	81	3.1890	300	572
5/64	0.078125	1.9844	37/64	0.578125	14.6844	2	0.07874	82	3.2283	260	500
	0.08	2.032		0.58	14.732	3	0.11811	83	3.2677	250	482
	0.09	2.286		0.59	14.986	4	0.15748	84	3.3071	204.4	400
3/32	0.09375	2.3813	19/64	0.59375	15.0813	5	0.19685	85	3.3465	200	392
	0.1	2.54		0.6	15.24	6	0.23622	86	3.3858	190	374
7/64	0.109375	2.7781	39/64	0.609375	15.4781	7	0.27559	87	3.4252	180	356
	0.11	2.794		0.61	15.494	8	0.315	88	3.4646	170	338
	0.12	3.048		0.62	15.748	9	0.35437	89	3.5039	160	320
1/8	0.125	3.175	5/8	0.625	15.875	10	0.39374	90	3.5433	150	302
	0.13	3.302		0.63	16.002	11	0.43311	91	3.5827	140	284
	0.14	3.556		0.64	16.256	12	0.47248	92	3.622	130	266
9/64	0.140625	3.5719	41/64	0.640625	16.2719	13	0.51185	93	3.6614	125	257
	0.15	3.81		0.65	16.51	14	0.55122	94	3.7008	120	248
5/32	0.15625	3.9688	21/32	0.65625	16.6688	15	0.59059	95	3.7402	110	230
	0.16	4.064		0.66	16.764	16	0.62996	96	3.7795	105	221
	0.17	4.318		0.67	17.018	17	0.66933	97	3.8189	100	212
11/64	0.171875	4.3656	43/64	0.671875	17.0656	18	0.7087	98	3.8583	95	203
	0.18	4.572		0.68	17.272	19	0.74807	99	3.8976	90	194
3/16	0.1875	4.7625	11/16	0.6875	17.4625	20	0.78744	100	3.937	85	185
	0.19	4.826		0.69	17.526	21	0.82681	101	3.9764	80	176
	0.2	5.08		0.7	17.78	22	0.86618	102	4.0157	75	167
13/64	0.203125	5.1594	45/64	0.703125	17.8594	23	0.90555	103	4.0551	70	158
	0.21	5.334		0.71	18.034	24	0.94492	104	4.0945	65	149
7/32	0.21875	5.5563	23/32	0.71875	18.2563	25	0.98429	105	4.1339	60	140
	0.22	5.588		0.72	18.288	26	1.02366	106	4.1732	55	131
	0.23	5.842		0.73	18.542	27	1.06303	107	4.2126	50	122
15/64	0.234375	5.9531	47/64	0.734375	18.6531	28	1.1024	108	4.252	45	113
	0.24	6.096		0.74	18.796	29	1.14177	109	4.2913	40	104
1/4	0.25	6.35	3/4	0.75	19.05	30	1.18114	110	4.3307	37.8	100
	0.26	6.604		0.76	19.304	31	1.22051	111	4.3701	35	95
17/64	0.265625	6.7469	49/64	0.765625	19.4469	32	1.25988	112	4.4094	32.2	90
	0.27	6.858		0.77	19.558	33	1.29925	113	4.4488	30	86
	0.28	7.112		0.78	19.812	34	1.33862	114	4.4882	29.4	85
9/32	0.28125	7.1438	25/32	0.78125	19.8438	35	1.378	115	4.5276	26.7	80
	0.29	7.366		0.79	20.066	36	1.41737	116	4.5669	25	77
19/64	0.296875	7.5406	51/64	0.796875	20.2406	37	1.45674	117	4.6063	23.9	75
	0.3	7.62		0.8	20.32	38	1.49611	118	4.6457	21.1	70
	0.31	7.874		0.81	20.574	39	1.53548	119	4.685	20	68
5/16	0.3125	7.9375	13/16	0.8125	20.6375	40	1.57485	120	4.7244	15	59
	0.32	8.128		0.82	20.828	41	1.61422	121	4.7638	10	50
21/64	0.328125	8.3344	53/64	0.828125	21.0344	42	1.65359	122	4.8031	5	41
	0.33	8.382		0.83	21.082	43	1.69296	123	4.8425	0	32
	0.34	8.636		0.84	21.336	44	1.73233	124	4.8819	-5	23
11/32	0.34375	8.7313	27/32	0.84375	21.4313	45	1.7717	125	4.9213	-10	14
	0.35	8.89		0.85	21.59	46	1.81107	126	4.9606	-15	5
23/64	0.359375	9.1281	55/64	0.859375	21.8281	47	1.85044	127	5	-17.8	0
	0.36	9.144		0.86	21.844	48	1.88981	128	5.0394	-20	-4
	0.37	9.398		0.87	22.098	49	1.92918	129	5.0787	-23.3	-10
3/8	0.375	9.525	7/8	0.875	22.225	50	1.96855	130	5.1181	-25	-13
	0.38	9.652		0.88	22.352	51	2.00792	135	5.315	-26.1	-15
	0.39	9.906		0.89	22.606	52	2.04729	140	5.5118	-28.9	-20
25/64	0.390625	9.9219	57/64	0.890625	22.6219	53	2.08666	145	5.7087	-30	-22
	0.4	10.16		0.9	22.86	54	2.12603	150	5.9055	-31.7	-25
13/64	0.40625	10.3188	29/32	0.90625	23.0188	55	2.1654	155	6.1024	-34.4	-30
	0.41	10.414		0.91	23.114	56	2.20477	160	6.2992	-35	-31
	0.42	10.668		0.92	23.368	57	2.24414	165	6.4961	-37.2	-35
27/64	0.421875	10.7156	59/64	0.921875	23.4156	58	2.28351	170	6.6929	-40	-40
	0.43	10.922		0.93	23.622	59	2.32288	175	6.8898	-42.8	-45
7/16	0.4375	11.1125	15/16	0.9375	23.8125	60	2.36225	180	7.0866	-45	-49
	0.44	11.176		0.94	23.876	61	2.40162	185	7.2835	-48.3	-55
	0.45	11.43		0.95	24.13	62	2.44099	190	7.4803	-50	-58
29/64	0.453125	11.5094	61/64	0.953125	24.2094	63	2.48036	195	7.6772	-51.1	-60
	0.46	11.684		0.96	24.384	64	2.51973	200	7.874	-53.9	-65
15/32	0.46875	11.9063	31/32	0.96875	24.6063	65	2.5591	205	8.0709	-55	-67
	0.47	11.938		0.97	24.638	66	2.59847	210	8.2677	-56.7	-70
	0.48	12.192		0.98	24.892	67	2.63784	215	8.4646	-59.4	-75
31/64	0.484375	12.3031	63/64	0.984375	25.0031	68	2.67721	220	8.6614	-60	-76
	0.49	12.446		0.99	25.146	69	2.71658	225	8.8583	-62.2	-80
1/2	0.5	12.7	1	1	25.4	70	2.75595	230	9.0551	-65	-85
						71	2.79532	235	9.252	-67.8	-90

millimeters = 25.4(inches)
 inches = (millimeters) / 25.4

$$^{\circ}\text{C} = 5(^{\circ}\text{F} - 32)/9$$

$$^{\circ}\text{F} = 1.8(^{\circ}\text{C}) + 32$$

Capacitance

F = farad

mF = millifarad

μF = microfarad

nF = nanofarad

pF = picofarad

$$0.001\mu\text{F} = 1000 \text{ pF}$$

$$\text{F} = 1,000 \text{ mF}$$

$$= 1,000,000 \mu\text{F}$$

$$= 1,000,000,000 \text{ nF}$$

$$= 1,000,000,000,000 \text{ pF}$$

$$\text{mF} = 0.001 \text{ F}$$

$$= 1,000 \mu\text{F}$$

$$= 1,000,000 \text{ nF}$$

$$= 1,000,000,000 \text{ pF}$$

$$\mu\text{F} = 0.000,001 \text{ F}$$

$$= 0.001 \text{ mF}$$

$$= 1,000 \text{ nF}$$

$$= 1,000,000 \text{ pF}$$

$$\text{nF} = 0.000,000,001 \text{ F}$$

$$= 0.000,001 \text{ mF}$$

$$= 0.001 \mu\text{F}$$

$$= 1,000 \text{ pF}$$

$$\text{pF} = 0.000,000,000,001 \text{ F}$$

$$= 0.000,000,001 \text{ mF}$$

$$= 0.000,001 \mu\text{F}$$

$$= 0.001 \text{ nF}$$