

INTRODUCTION AND GENERAL INFORMATION

**DIMENSIONAL AND TEMPERATURE CONVERSION CHART**

INCHES	DECIMALS	MILLI-METRES	INCHES TO MILLIMETRES		MILLIMETRES TO INCHES		FAHRENHEIT & CENTIGRADE				
			Inches	m.ms.	m.ms.	Inches	°F	°C	°C	°F	
1/32	1/64	.015625	.3969	.0001	.00254	0.001	.000039	-20	-28.9	-30	-22
		.03125	.7937	.0002	.00508	0.002	.000079	-15	-26.1	-28	-18.4
1/16	3/64	.046875	1.1906	.0003	.00762	0.003	.000118	-10	-23.3	-26	-14.8
		.0625	1.5875	.0004	.01016	0.004	.000157	-5	-20.6	-24	-11.2
3/32	5/64	.078125	1.9844	.0005	.01270	0.005	.000197	0	-17.8	-22	-7.6
		.09375	2.3812	.0006	.01524	0.006	.000236	1	-17.2	-20	-4
1/8	7/64	.109375	2.7781	.0007	.01778	0.007	.000276	2	-16.7	-18	-0.4
		.125	3.1750	.0008	.02032	0.008	.000315	3	-16.1	-16	3.2
5/32	9/64	.140625	3.5719	.0009	.02286	0.009	.000354	4	-15.6	-14	6.8
		.15625	3.9687	.001	.0254	0.01	.00039	5	-15.0	-12	10.4
3/16	11/64	.171875	4.3656	.002	.0508	0.02	.00079	10	-12.2	-10	14
		.1875	4.7625	.003	.0762	0.03	.00118	15	-9.4	-8	17.6
7/32	13/64	.203125	5.1594	.004	.1016	0.04	.00157	20	-6.7	-6	21.2
		.21875	5.5562	.005	.1270	0.05	.00197	25	-3.9	-4	24.8
1/4	15/64	.234375	5.9531	.006	.1524	0.06	.00236	30	-1.1	-2	28
		.25	6.3500	.007	.1778	0.07	.00276	35	1.7	0	31.6
9/32	17/64	.265625	6.7469	.008	.2032	0.08	.00315	40	4.4	2	35.2
		.28125	7.1437	.009	.2286	0.09	.00354	45	7.2	4	38.8
5/16	19/64	.296875	7.5406	.01	.254	0.1	.00394	50	10.0	6	42.4
		.3125	7.9375	.02	.508	0.2	.00787	55	12.8	8	46.0
11/32	21/64	.328125	8.3344	.03	.762	0.3	.01181	60	15.6	10	49.6
		.34375	8.7312	.04	1.016	0.4	.01575	65	18.3	12	53.2
3/8	23/64	.359375	9.1281	.05	1.270	0.5	.01969	70	21.1	14	56.8
		.375	9.5250	.06	1.524	0.6	.02362	75	23.9	16	60.4
13/32	25/64	.390625	9.9219	.07	1.778	0.7	.02756	80	26.7	18	64.0
		.40625	10.3187	.08	2.032	0.8	.03150	85	29.4	20	67.6
7/16	27/64	.421875	10.7156	.09	2.286	0.9	.03543	90	32.2	22	71.2
		.4375	11.1125	.1	2.54	1	.03937	95	35.0	24	74.8
15/32	29/64	.453125	11.5094	.2	5.08	2	.07874	100	37.8	26	78.4
		.46875	11.9062	.3	7.62	3	.11811	105	40.6	28	82.0
1/2	31/64	.484375	12.3031	.4	10.16	4	.15748	110	43.3	30	85.6
		.5	12.7000	.5	12.70	5	.19685	115	46.1	32	89.2
17/32	33/64	.515625	13.0969	.6	15.24	6	.23622	120	48.9	34	92.8
		.53125	13.4937	.7	17.78	7	.27559	125	51.7	36	96.4
9/16	35/64	.546875	13.8906	.8	20.32	8	.31496	130	54.4	38	100.0
		.5625	14.2875	.9	22.86	9	.35433	135	57.2	40	103.6
19/32	37/64	.578125	14.6844	1	25.4	10	.39370	140	60.0	42	107.2
		.59375	15.0812	2	50.8	11	.43307	145	62.8	44	110.8
5/8	39/64	.609375	15.4781	3	76.2	12	.47244	150	65.6	46	114.4
		.625	15.8750	4	101.6	13	.51181	155	68.3	48	118.0
21/32	41/64	.640625	16.2719	5	127.0	14	.55118	160	71.1	50	121.6
		.65625	16.6687	6	152.4	15	.59055	165	73.9	52	125.2
11/16	43/64	.671875	17.0656	7	177.8	16	.62992	170	76.7	54	128.8
		.6875	17.4625	8	203.2	17	.66929	175	79.4	56	132.4
23/32	45/64	.703125	17.8594	9	228.6	18	.70866	180	82.2	58	136.0
		.71875	18.2562	10	254.0	19	.74803	185	85.0	60	139.6
3/4	47/64	.734375	18.6531	11	279.4	20	.78740	190	87.8	62	143.2
		.75	19.0500	12	304.8	21	.82677	195	90.6	64	146.8
25/32	49/64	.765625	19.4469	13	330.2	22	.86614	200	93.3	66	150.4
		.78125	19.8437	14	355.6	23	.90551	205	96.1	68	154.0
13/16	51/64	.796875	20.2406	15	381.0	24	.94488	210	98.9	70	157.6
		.8125	20.6375	16	406.4	25	.98425	215	100.0	72	161.2
27/32	53/64	.828125	21.0344	17	431.8	26	1.02362	220	101.7	74	164.8
		.84375	21.4312	18	457.2	27	1.06299	225	104.4	76	168.4
7/8	55/64	.859375	21.8281	19	482.6	28	1.10236	230	107.2	78	172.0
		.875	22.2250	20	508.0	29	1.14173	235	110.0	80	175.6
29/32	57/64	.890625	22.6219	21	533.4	30	1.18110	240	112.8	82	179.2
		.90625	23.0187	22	558.8	31	1.22047	245	115.6	84	182.8
15/16	59/64	.921875	23.4156	23	584.2	32	1.25984	250	118.3	86	186.4
		.9375	23.8125	24	609.6	33	1.29921	255	121.1	88	190.0
31/32	61/64	.953125	24.2094	25	635.0	34	1.33858	260	123.9	90	193.6
		.96875	24.6062	26	660.4	35	1.37795	265	126.6	92	197.2
	63/64	.984375	25.0031	27	690.6	36	1.41732	270	129.4	94	200.8