



## Fractional - Decimal - Metric Conversion Chart

inch	mm	inch	mm	inch	mm	inch	mm	inch	mm									
	000394	0100		1/2	500000	12.7000		1 7/32	1.218750	30.9562		2 5/32	2.156250	54.7688		3	3.100000	78.7400
	000787	0200			511811	13.0000			1.220473	31.0000			2.165354	55.0000			3.110236	79.0000
	001181	0300		33/64	515625	13.0969		1 1/4	1.250000	31.7500		2 3/16	2.187500	55.5625		3 1/8	3.125000	79.3750
	001575	0400		17/32	531250	13.4938			1.259843	32.0000			2.200000	55.8800			3.149606	80.0000
	001969	0500		35/64	546875	13.8906		1 9/32	1.281250	32.5438			2.204724	56.0000			3.150000	80.0100
	002362	0600			550000	13.9700			1.299213	33.0000		2 7/32	2.218750	56.3563		3 5/32	3.156250	80.1688
	002756	0700			551181	14.0000			1.300000	33.0200			2.244095	57.0000		3 3/16	3.187500	80.9625
	003150	0800		9/16	562500	14.2875		1 5/16	1.312500	33.3375		2 1/4	2.250000	57.1500			3.188976	81.0000
	003543	0900		37/64	578125	14.6844			1.338583	34.0000		2 9/32	2.281250	57.9438			3.200000	81.2800
	003937	1000			590551	15.0000		1 11/32	1.343750	34.1313			2.283465	58.0000		3 7/32	3.218750	81.7563
1/128	007813	1984		19/32	593750	15.0812			1.350000	34.2900			2.300000	58.4200			3.228347	82.0000
	011811	3000			600000	15.2400		1 3/8	1.375000	34.9250		2 5/16	2.312500	58.7375		3 1/4	3.250000	82.5500
1/64	015625	3969		39/64	609375	15.4781			1.377953	35.0000			2.322835	59.0000			3.267717	83.0000
	015748	4000		5/8	625000	15.8750			1.400000	35.5600		2 11/32	2.343750	59.5313		3 9/32	3.281250	83.3438
	019685	5000			629921	16.0000		1 13/32	1.406250	35.7188			2.350000	59.6900			3.300000	83.8200
	023622	6000		41/64	640625	16.2719			1.417323	36.0000			2.362205	60.0000			3.307087	84.0000
	027559	7000			650000	16.5100		1 7/16	1.437500	36.5125		2 3/8	2.375000	60.3250		3 5/16	3.312500	84.1375
1/32	031250	7938		21/32	656250	16.6688			1.450000	36.8300			2.400000	60.9600		3 11/32	3.343750	84.9313
	031496	8000			669292	17.0000			1.456693	37.0000			2.401575	61.0000			3.346457	85.0000
	035433	9000		43/64	671875	17.0656		1 15/32	1.468750	37.3063		2 13/32	2.406250	61.1188			3.350000	85.0900
	039370	1.0000		11/16	687500	17.4625			1.496063	38.0000		2 7/16	2.437500	61.9125		3 3/8	3.375000	85.7250
3/64	046875	1.1906			700000	17.7800		1 1/2	1.500000	38.1000			2.440945	62.0000			3.385827	86.0000
	050000	1.2700		45/64	703125	17.8594		1 17/32	1.531250	38.8938			2.450000	62.2300			3.400000	86.3600
1/16	062500	1.5875			708662	18.0000			1.535433	39.0000		2 15/32	2.468750	62.7063		3 13/32	3.406250	86.5188
5/64	078125	1.9844		23/32	718750	18.2562			1.550000	39.3700			2.480315	63.0000			3.425197	87.0000
	078740	2.0000		47/64	734375	18.6531		1 9/16	1.562500	39.6875		2 1/2	2.500000	63.5000		3 7/16	3.437500	87.3125
3/32	093750	2.3812			748032	19.0000			1.574803	40.0000			2.519685	64.0000			3.450000	87.6300
	100000	2.5400		3/4	750000	19.0500		1 19/32	1.593750	40.4813		2 17/32	2.531250	64.2938			3.464567	88.0000
7/64	109375	2.7781		49/64	765625	19.4469			1.600000	40.6400			2.550000	64.7700		3 15/32	3.468750	88.1063
	118110	3.0000		25/32	781250	19.8437			1.614173	41.0000			2.559055	65.0000		3 1/2	3.500000	88.9000
1/8	125000	3.1750			787402	20.0000		1 5/8	1.625000	41.2750		2 9/16	2.562500	65.0875			3.503937	89.0000
9/64	140625	3.5719		51/64	796875	20.2406			1.650000	41.9100		2 19/32	2.593750	65.8813		3 17/32	3.531250	89.6938
	150000	3.8100			800000	20.3200			1.653543	42.0000			2.598425	66.0000			3.543307	90.0000
5/32	156250	3.9688		13/16	812500	20.6375		1 21/32	1.656250	42.0688			2.600000	66.0400			3.550000	90.1700
	157480	4.0000			826772	21.0000		1 11/16	1.687500	42.8625		2 5/8	2.625000	66.6750		3 9/16	3.562500	90.4875
11/64	171875	4.3656		53/64	828125	21.0344			1.692913	43.0000			2.637795	67.0000			3.582677	91.0000
3/16	187500	4.7625		27/32	843750	21.4312			1.700000	43.1800			2.650000	67.3100		3 19/32	3.593750	91.2813
	196850	5.0000			850000	21.5900		1 23/32	1.718750	43.6563		2 21/32	2.656250	67.4688			3.600000	91.4400
	200000	5.0800		55/64	859375	21.8281			1.732283	44.0000			2.677165	68.0000			3.622047	92.0000
13/64	203125	5.1594			866142	22.0000		1 3/4	1.750000	44.4500		2 11/16	2.687500	68.2625		3 5/8	3.625000	92.0750
7/32	218750	5.5562		7/8	875000	22.2250			1.771653	45.0000			2.700000	68.5800			3.650000	92.7100
15/64	234375	5.9531		57/64	890625	22.6219		1 25/32	1.781250	45.2438			2.716535	69.0000		3 21/32	3.656250	92.8688
	236220	6.0000			900000	22.8600			1.800000	45.7200		2 23/32	2.718750	69.0563			3.661417	93.0000
1/4	250000	6.3500			905512	23.0000			1.811024	46.0000		2 3/4	2.750000	69.8500		3 11/16	3.687500	93.6625
17/64	265625	6.7469		29/32	906250	23.0188		1 13/16	1.812500	46.0375			2.755906	70.0000			3.700000	93.9800
	275591	7.0000		59/64	921875	23.4156		1 27/32	1.843750	46.8313		2 25/32	2.781250	70.6438			3.700787	94.0000
9/32	281250	7.1438		15/16	937500	23.8125			1.850000	46.9900			2.795276	71.0000		3 23/32	3.718750	94.4562
19/64	296875	7.5406			944882	24.0000			1.850394	47.0000			2.800000	71.1200			3.740158	95.0000
	300000	7.6200			950000	24.1300		1 7/8	1.875000	47.6250		2 13/16	2.812500	71.4375		3 3/4	3.750000	95.2500
5/16	312500	7.9375		61/64	953125	24.2094			1.889764	48.0000			2.834646	72.0000			3.779528	96.0000
	314961	8.0000		31/32	968750	24.6062			1.900000	48.2600		2 27/32	2.843750	72.2313		3 25/32	3.781250	96.0438
21/64	328125	8.3344			984252	25.0000		1 29/32	1.906250	48.4188			2.850000	72.3900			3.800000	96.5200
11/32	343750	8.7312		63/64	984375	25.0031			1.929134	49.0000			2.874016	73.0000		3 13/16	3.812500	96.8375
	350000	8.8900		1	1.000000	25.4000		1 15/16	1.937500	49.2125		2 7/8	2.875000	73.0250			3.818898	97.0000
	354331	9.0000			1.023622	26.0000			1.950000	49.5300			2.900000	73.6600		3 27/32	3.843750	97.6313
23/64	359375	9.1281		1 1/32	1.031250	26.1938			1.968504	50.0000		2 29/32	2.906250	73.8188			3.850000	97.7900
3/8	375000	9.5250			1.050000	26.6700		1 31/32	1.968750	50.0063			2.913386	74.0000			3.858268	98.0000
25/64	390625	9.9219		1 1/16	1.062500	26.9875		2	2.000000	50.8000		2 15/16	2.937500	74.6125		3 7/8	3.875000	98.4200
	393701	10.0000			1.062993	27.0000			2.007874	51.0000			2.950000	74.9300			3.897638	99.0000
	400000	10.1600		1 3/32	1.093750	27.7812		2 1/32	2.031250	51.5938			2.952756	75.0000			3.900000	99.0600
13/32	406250	10.3188			1.100000	27.9400			2.047244	52.0000		2 31/32	2.968750	75.4063		3 29/32	3.906250	99.2188
27/64	421875	10.7156			1.102363	28.0000			2.050000	52.0700			2.992126	76.0000			3.937008	100.0000
	433071	11.0000		1 1/8	1.125000	28.5750		2 1/16	2.062500	52.3875		3	3.000000	76.2000		3 15/16	3.937500	100.0125
7/16	437500	11.1125			1.141733	29.0000			2.086614	53.0000		3 1/32	3.031250	76.9938			3.950000	100.3300
	450000	11.4300			1.150000	29.2100		2 3/32	2.093750	53.1813			3.031496	77.0000		3 31/32	3.968750	100.8063
29/64	453125	11.5094		1 5/32	1.156250	29.3688			2.100000	53.3400			3.050000	77.4700			3.976378	101.0000
15/32	468750	11.9062			1.181102	30.0000		2 1/8	2.125000	53.9750		3 1/16	3.062500	77.7875		4	4.000000	101.6000
	472441	12.0000		1 3/16	1.187500	30.1625			2.125984	54.0000			3.070866	78.0000		5	5.000000	127.0000
31/64	484375	12.3031			1.200000	30.4800			2.150000	54.6100		3 3/32	3.093750	78.5813		6	6.000000	152.4000