Inches to Millimeters

Whole inches 0 to 11 with every **sixteenth**, in millimeters to two decimal places.

INCH + FRACTION	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"
+ 0	**0.00**	**25.40**	**50.80**	**76.20**	**101.60**	**127.00**	**152.40**	**177.80**	**203.20**	**228.60**	**254.00**	**279.40**
+ 1/16	1.59	26.99	52.39	77.79	103.19	128.59	153.99	179.39	204.79	230.19	255.59	280.99
+ 1/8	3.17	28.57	53.97	79.38	104.77	130.17	155.57	180.97	206.38	231.77	257.18	282.57
+ 3/16	4.76	30.16	55.56	80.96	106.36	131.76	157.16	182.56	207.96	233.36	258.76	284.16
+ 1/4	**6.35**	**31.75**	**57.15**	**82.55**	**107.95**	**133.35**	**158.75**	**184.15**	**209.55**	**234.95**	**260.35**	**285.75**
+ 5/16	7.94	33.34	58.74	84.14	109.54	134.94	160.34	185.74	211.14	236.54	261.94	287.34
+ 3/8	9.52	34.92	60.32	85.72	111.12	136.53	161.92	187.32	212.72	238.12	263.52	288.93
+ 7/16	11.11	36.51	61.91	87.31	112.71	138.11	163.51	188.91	214.31	239.71	265.11	290.51
+ 1/2	**12.70**	**38.10**	**63.50**	**88.90**	**114.30**	**139.70**	**165.10**	**190.50**	**215.90**	**241.30**	**266.70**	**292.10**
+ 9/16	14.29	39.69	65.09	90.49	115.89	141.29	166.69	192.09	217.49	242.89	268.29	293.69
+ 5/8	15.88	41.27	66.67	92.07	117.47	142.88	168.27	193.67	219.07	244.47	269.88	295.27
+ 11/16	17.46	42.86	68.26	93.66	119.06	144.46	169.86	195.26	220.66	246.06	271.46	296.86
+ 3/4	**19.05**	**44.45**	**69.85**	**95.25**	**120.65**	**146.05**	**171.45**	**196.85**	**222.25**	**247.65**	**273.05**	**298.45**
+ 13/16	20.64	46.04	71.44	96.84	122.24	147.64	173.04	198.44	223.84	249.24	274.64	300.04
+ 7/8	22.22	47.62	73.02	98.42	123.82	149.22	174.62	200.02	225.42	250.82	276.22	301.62
+ 15/16	23.81	49.21	74.61	100.01	125.41	150.81	176.21	201.61	227.01	252.41	277.81	303.21

How to use it: find the whole inches across the top and the fraction down the side. Example: **7 3/8"** is column 7, row +3/8 = **187.33 mm**. Past 11 inches, add 304.8 mm for every foot.

Millimeters to Inches

1 to 99 mm in decimal inches, plus the tiny sizes machinists and mechanics work in.

MM	0	10	20	30	40	50	60	70	80	90
+ 0	0	.3937	.7874	1.1811	1.5748	1.9685	2.3622	2.7559	3.1496	3.5433
+ 1	.0394	.4331	.8268	1.2205	1.6142	2.0079	2.4016	2.7953	3.1890	3.5827
+ 2	.0787	.4724	.8661	1.2598	1.6535	2.0472	2.4409	2.8346	3.2283	3.6220
+ 3	.1181	.5118	.9055	1.2992	1.6929	2.0866	2.4803	2.8740	3.2677	3.6614
+ 4	.1575	.5512	.9449	1.3386	1.7323	2.1260	2.5197	2.9134	3.3071	3.7008
+ 5	.1969	.5906	.9843	1.3780	1.7717	2.1654	2.5591	2.9528	3.3465	3.7402
+ 6	.2362	.6299	1.0236	1.4173	1.8110	2.2047	2.5984	2.9921	3.3858	3.7795
+ 7	.2756	.6693	1.0630	1.4567	1.8504	2.2441	2.6378	3.0315	3.4252	3.8189
+ 8	.3150	.7087	1.1024	1.4961	1.8898	2.2835	2.6772	3.0709	3.4646	3.8583
+ 9	.3543	.7480	1.1417	1.5354	1.9291	2.3228	2.7165	3.1102	3.5039	3.8976

SMALL SIZES: THOUSANDTHS, TEN THOUSANDTHS AND HUNDREDTHS OF A MILLIMETER

INCH	MM	INCH	MM	MM	INCH
.001"	0.0254 mm	**.0001"**	0.00254 mm	**0.01 mm**	.0004"
.002"	0.0508 mm	**.0002"**	0.00508 mm	**0.02 mm**	.0008"
.003"	0.0762 mm	**.0003"**	0.00762 mm	**0.03 mm**	.0012"
.004"	0.1016 mm	**.0004"**	0.01016 mm	**0.04 mm**	.0016"
.005"	0.1270 mm	**.0005"**	0.01270 mm	**0.05 mm**	.0020"
.006"	0.1524 mm	**.0006"**	0.01524 mm	**0.06 mm**	.0024"
.007"	0.1778 mm	**.0007"**	0.01778 mm	**0.07 mm**	.0028"
.008"	0.2032 mm	**.0008"**	0.02032 mm	**0.08 mm**	.0031"
.009"	0.2286 mm	**.0009"**	0.02286 mm	**0.09 mm**	.0035"
.010"	0.2540 mm	**.0010"**	0.02540 mm	**0.10 mm**	.0039"

How to use it: tens across the top, ones down the side. Example: **47 mm** is column 40, row +7 = **1.8504"**. Inches = mm ÷ 25.4.