

# DIMENSIONAL INFORMATION

## Basic Screw Size

Inch	Metric	Inches	Millimeters
#0		.0600	1.52
	M1.6	.0629	1.60
#1		.0730	1.85
	M2	.0787	2.00
#2		.860	2.18
	M2.5	.0984	2.50
#3		.0990	2.51
#4		.1120	2.84
	M3	.1181	3.00
#5		.1250	3.17
#6		.1380	3.50
	M4	.1574	4.00
#8		.1640	4.16
#10		.1900	4.82
	M5	.1968	5.00
#12		.2160	5.48
	M6	.2362	6.00
1/4		.2500	6.35
5/16		.3125	7.93
	M8	.3149	8.00
3/8		.3750	9.52
	M10	.3937	10.00
	M12	.4724	12.00
1/2		.5000	12.70
5/8		.6250	15.87
	M16	.6299	16.00
3/4		.7500	19.05
	M20	.7874	20.00
7/8		.8750	22.22
	M24	.9448	24.00
1		1.000	25.40
Conversion factors 1.000 inch = 25.4 mm 1.0 mm = .03937 in.			

## Inches to Decimal to mm Conversions

Fraction	Decimal	mm	Fraction	Decimal	mm	
	$\frac{1}{64}$	.015625	.3969	$\frac{33}{64}$	.515625	13.0969
	$\frac{1}{32}$	.03125	.7938	$\frac{17}{32}$	.53125	13.4938
	$\frac{3}{64}$	.046875	1.1906	$\frac{35}{64}$	.546875	13.8906
$\frac{1}{16}$	.0625	1.5875	$\frac{9}{16}$	.5625	14.2875	
	$\frac{5}{64}$	.078125	1.9844	$\frac{37}{64}$	.578125	14.6844
	$\frac{3}{32}$	.09375	2.3812	$\frac{19}{32}$	.59375	15.0812
	$\frac{7}{64}$	.109375	2.7781	$\frac{39}{64}$	.609375	15.4781
$\frac{1}{8}$	.125	3.175	$\frac{5}{8}$	.625	15.875	
	$\frac{9}{64}$	.140625	3.5719	$\frac{41}{64}$	.640625	16.2719
	$\frac{5}{32}$	.15625	3.9688	$\frac{21}{32}$	.65625	16.6688
	$\frac{11}{64}$	.171875	4.3656	$\frac{43}{64}$	.671875	17.0656
$\frac{3}{16}$	.1875	4.7625	$\frac{11}{16}$	.6875	17.4625	
	$\frac{13}{64}$	.203125	5.1594	$\frac{45}{64}$	.703125	17.8594
	$\frac{7}{32}$	.21875	5.5562	$\frac{23}{32}$	.71875	18.2562
	$\frac{15}{64}$	.234375	5.9531	$\frac{47}{64}$	.734375	18.6531
$\frac{1}{4}$	.25	6.35	$\frac{3}{4}$	.75	19.05	
	$\frac{17}{64}$	.265625	6.7469	$\frac{49}{64}$	.765625	19.4469
	$\frac{9}{32}$	.28125	7.1438	$\frac{25}{32}$	.78125	19.8438
	$\frac{19}{64}$	.296875	7.5406	$\frac{51}{64}$	.796875	20.2406
$\frac{5}{16}$	.3125	7.9375	$\frac{13}{16}$	.8125	20.6375	
	$\frac{21}{64}$	.328125	8.3344	$\frac{53}{64}$	.828125	21.0344
	$\frac{11}{32}$	.34375	8.7312	$\frac{27}{32}$	.84375	21.4312
	$\frac{23}{64}$	.359375	9.1281	$\frac{55}{64}$	.859375	21.8281
$\frac{3}{8}$	.375	9.525	$\frac{7}{8}$	.875	22.225	
	$\frac{25}{64}$	.390625	9.9219	$\frac{57}{64}$	.890625	22.6219
	$\frac{13}{32}$	.40625	10.3188	$\frac{29}{32}$	.90625	23.0188
	$\frac{27}{64}$	.421875	10.7156	$\frac{59}{64}$	.921875	23.4156
$\frac{7}{16}$	.4375	11.1125	$\frac{15}{16}$	.9375	23.8125	
	$\frac{29}{64}$	.453125	11.5094	$\frac{61}{64}$	.953125	24.2094
	$\frac{15}{32}$	.46875	11.9062	$\frac{31}{32}$	.96875	24.6062
	$\frac{31}{64}$	.484375	12.3031	$\frac{63}{64}$	.984375	25.0031
$\frac{1}{2}$	.5	12.7	<b>1</b>	<b>1.0</b>	25.4	

## Millimeter to Inch Conversions

mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
1	.0394	21	.8268	41	1.6142	61	2.4016	81	3.1890
2	.0787	22	.8661	42	1.6535	62	2.4410	82	3.2284
3	.1181	23	.9055	43	1.6929	63	2.4803	83	3.2677
4	.1575	24	.9449	44	1.7323	64	2.5197	84	3.3071
5	.1969	25	.9843	45	1.7717	65	2.5591	85	3.3465
6	.2362	26	1.0236	46	1.8110	66	2.5984	86	3.3858
7	.2756	27	1.0630	47	1.8504	67	2.6378	87	3.4252
8	.3150	28	1.1024	48	1.8898	68	2.6772	88	3.4646
9	.3543	29	1.1417	49	1.9291	69	2.7165	89	3.5039
10	.3937	30	1.1811	50	1.9685	70	2.7559	90	3.5433
11	.4331	31	1.2205	51	2.0079	71	2.7953	91	3.5827
12	.4724	32	1.2598	52	2.0472	72	2.8347	92	3.6221
13	.5118	33	1.2992	53	2.0866	73	2.8740	93	3.6614
14	.5512	34	1.3386	54	2.1260	74	2.9134	94	3.7008
15	.5906	35	1.3780	55	2.1654	75	2.9528	95	3.7402
16	.6299	36	1.4173	56	2.2047	76	2.9921	96	3.7795
17	.6693	37	1.4567	57	2.2441	77	3.0315	97	3.8189
18	.7087	38	1.4961	58	2.2835	78	3.0709	98	3.8583
19	.7480	39	1.5354	59	2.3228	79	3.1102	99	3.8976
20	.7872	40	1.5748	60	2.3622	80	3.1496	100	3.9370