

ENGINEERING DATA

METRIC CONVERSIONS

METRIC SIZE X .03937 = DECIMAL EQUIVALENT
DECIMAL SIZE X 25.4 = METRIC (mm) EQUIVALENT

FRACTIONAL, DECIMAL AND METRIC EQUIVALENTS

Fraction Of Inch	Decimal Of Inch	Millimeters	Fraction Of Inch	Decimal of Inch	Millimeters
1/64	.015625	0.3969	33/64	.515625	13.0969
1/32	.03125	0.7938	17/32	.53125	13.4938
3/64	.046875	1.1906	35/64	.546875	13.8906
1/16	.0625	1.5875	9/16	.5625	14.2875
5/64	.078125	1.9844	37/64	.578125	14.6844
3/32	.09375	2.3812	19/32	.59375	15.0812
7/64	.109375	2.7781	39/64	.609375	15.4781
1/8	.125	3.1750	5/8	.625	15.8750
9/64	.140625	3.5719	41/64	.640625	16.2719
5/32	.15625	3.9688	21/32	.65625	16.6688
11/64	.171875	4.3656	43/64	.671875	17.0656
3/16	.1875	4.7625	11/16	.6875	17.4625
13/64	.203125	5.1594	45/64	.703125	17.8594
7/32	.21875	5.5562	23/32	.71875	18.2562
15/64	.234375	5.9531	47/64	.734375	18.6531
1/4	.250	6.3500	3/4	.750	19.0500
17/64	.265625	6.7469	49/64	.765625	19.4469
9/32	.28125	7.1438	25/32	.78125	19.8438
19/64	.296875	7.5406	51/64	.796875	20.2406
5/16	.3125	7.9375	13/16	.8125	20.6375
21/64	.328125	8.3344	53/64	.828125	21.0344
11/32	.34375	8.7312	27/32	.843750	21.4312
23/64	.359375	9.1281	55/64	.859375	21.8281
3/8	.375	9.5250	7/8	.875	22.2250
25/64	.390625	9.9219	57/64	.890625	22.6219
13/32	.40625	10.3188	29/32	.90625	23.0188
27/64	.421875	10.7156	59/64	.921875	23.4156
7/16	.4375	11.1125	15/16	.9375	23.8125
29/64	.453125	11.5094	61/64	.953125	24.2094
15/32	.46875	11.9062	31/32	.96875	24.6062
31/64	.484375	12.3031	63/64	.984375	25.0031
1/2	.500	12.7000	1.000	1.0000	25.4000

METRIC SIZE x .03937 = DECIMAL EQUIVALENT
DECIMAL SIZE x 25.4 = METRIC (mm) EQUIVALENT

MILLIMETER PITCH TO THREADS PER INCH METRIC PITCH CONVERSIONS

Pitch In Millimeters	Pitch In Inches	Threads Per In.	Basic Height	Pitch In Millimeters	Pitch In Inches	Threads Per In.	Basic Height
.25	.00984	101.6000	.00639	1.25	.04921	20.3211	.03196
.30	.01181	84.6668	.00767	1.50	.05906	16.9316	.03836
.35	.01378	72.5689	.00895	1.75	.06890	14.5138	.04475
.40	.01575	63.4921	.01023	2.00	.07874	12.7000	.05114
.45	.01772	56.4334	.01151	2.50	.09843	10.1595	.06393
.50	.01969	50.8000	.01279	3.00	.11811	8.4667	.07671
.60	.02362	42.3370	.01534	3.50	.13780	7.2569	.08950
.70	.02756	36.2845	.01790	4.00	.15748	6.3500	.10229
.75	.02953	33.8639	.01918	4.50	.17717	5.6443	.11508
.80	.03150	31.7460	.02046	5.00	.19685	5.0800	.12785
.90	.03543	28.2247	.02301	6.00	.23622	4.2333	.15344
1.00	.03937	25.4000	.02557				