



Imperial - Metric Conversion Table

Inches Fraction	Inches Decimal	Metric mm	Inches Fraction	Inches Decimal	Metric mm	Inches Fraction	Inches Decimal	Metric mm
1/64	0.016	0.40	23/64	0.359	9.13		0.709	18.00
1/32	0.031	0.79	3/8	0.375	9.53	23/32	0.719	18.26
	0.039	1.00	25/64	0.391	9.92	47/64	0.734	18.65
3/64	0.047	1.19		0.394	10.00		0.748	19.00
1/16	0.063	1.59	13/32	0.406	10.32	3/4	0.750	19.05
5/64	0.078	1.98	27/64	0.422	10.72	49/64	0.766	19.45
	0.079	2.00		0.433	11.00	25/32	0.781	19.84
3/32	0.094	2.38	7/16	0.438	11.11		0.787	20.00
7/64	0.109	2.78	29/64	0.453	11.51	51/64	0.797	20.24
	0.118	3.00	15/32	0.469	11.91	13/16	0.813	20.64
1/8	0.125	3.18		0.472	12.00		0.827	21.00
9/64	0.141	3.57	31/64	0.484	12.30	53/64	0.828	21.03
5/32	0.156	3.97	1/2	0.500	12.70	27/32	0.844	21.43
	0.157	4.00		0.512	13.00	55/64	0.859	21.83
11/64	0.172	4.37	33/64	0.516	13.10		0.866	22.00
3/16	0.188	4.76	17/32	0.531	13.49	7/8	0.875	22.23
	0.197	5.00	35/64	0.547	13.89	57/64	0.891	22.62
13/64	0.203	5.16		0.551	14.00		0.906	23.00
7/32	0.219	5.56	9/16	0.563	14.29	29/32	0.906	23.02
15/64	0.234	5.95	37/64	0.578	14.68	59/64	0.922	23.42
	0.236	6.00		0.591	15.00	15/16	0.938	23.81
1/4	0.250	6.35	19/32	0.594	15.08		0.945	24.00
17/64	0.266	6.75	39/64	0.609	15.48	61/64	0.953	24.21
	0.276	7.00	5/8	0.625	15.88	31/32	0.969	24.61
9/32	0.281	7.14		0.630	16.00	63/64	0.984	25.00
19/64	0.297	7.54	41/64	0.641	16.27	1	1.000	25.40
5/16	0.313	7.94	21/32	0.656	16.67			
	0.315	8.00		0.669	17.00			
21/64	0.328	8.33	43/64	0.672	17.07			
11/32	0.344	8.73	11/16	0.688	17.46			
	0.354	9.00	45/64	0.703	17.86			



Thread Data Table

Metric	Coarse Metric	Fine Metric	Inch Equivilant	UNC tpi*	UNF tpi*	BSW tpi	BSF tpi	BA tpi
M1.6	0.35		1/16	No.1-64	No.1-72	60		9BA-65.12
M2.0	0.4		5/64	No.2-56	No.2-64			8BA-59.07
M2.5	0.45		3/32	No.3-48	No.3-56	48		7BA-52.92
M3.0	0.5		7/64	No.4-40	No.4-48			6BA-47.92
			1/8	No.5-40	No.5-44	40		5BA-43.05
M3.5	0.6		9/64	No.6-32	No.6-40			4BA-38.49
M4.0	0.7		5/32	No.8-32	No.8-36	32		3BA-34.80
M5	0.8		3/16	No.10-24	No.10-32	24	32	2BA-31.36
			7/32	No.12-24	No.12-28	24	28	1BA-28.22
M6	1		1/4	20	28	20	26	0BA-25.4
M7	1							
M8	1.25	1	5/16	18	24	18	22	
M10	1.5	1.25	3/8	16	24	16	20	
M11			7/16	14	20	14	18	
M12	1.75	1.25	1/2	13	20	12	16	
M14	2	1.5	9/16	12	18	12	16	
M16	2	1.5	5/8	11	18	11	14	
M18	2.5		3/4	10	16	10	12	
M20	2.5	1.5	3/4	10	16	10	12	
M22	2.5		7/8	9	14	9	11	
M24	3	2	1	8	12	8	10	
M27	3		1 1/8	7	12	7	9	
M30	3.5	2	1 1/4	7	12	7	9	
M33	3.5		1.3/8	6	12		8	
M36	4	3	1.1/2	6	12	6	8	
M39	4		1.5/8				8	
M42	4.5	3	1.3/4	5		5	7	
M48	5	3	1.7/8					
M52	5	4	#2	4 1/2				
M60	5.5	4	#2 1/4	4 1/2				
M64	6	4	#2 1/2	4				

*UNF & UNC screw size numbers are not exact fractions of an inch.