

Decimal Equivalent Chart

Fractions of an inch • Millimetres • Wood Screw Gauge • Imperial Standard Wire Gauge

Inches		mm	Wood Screw Gauge	Imperial Standard Wire Gauge
Decimals	Fractions			
.0124				30
.0136				29
.0148				28
.0156	1/64	.3969		
.0164				27
.018				26
.020				25
.022				24
.024				23
.028				22
.031	1/32	.7938		
.032				21
.036				20
.039		1.000		
.040				19
.046	3/64	1.190		
.048				18
.056				17
.060		1.52	0	
.062	1/16	1.587		
.064				16
.070		1.78	1	
.072				15
.078	5/64	2.000		
.080				14
.082		2.08	2	
.092				13
.093	3/32	2.381		
.094		2.39	3	
.104				12
.108		2.74	4	
.109	7/64	2.778		
.116				11
.118		3.000		
.122		3.10	5	
.125	1/8	3.175		
.128				10
.136		3.45	6	
.140	9/64	3.571		
.144				9
.150		3.81	7	
.156	5/32	3.968		
.157		4.000		
.160				8
.164		4.17	8	
.171	11/64	4.365		

Inches		mm	Wood Screw Gauge	Imperial Standard Wire Gauge
Decimals	Fractions			
.176				7
.178		4.52	9	
.187	3/16	4.762		
.192		4.88	10	6
.196		5.000		
.203	13/64	5.159		
.212				5
.218	7/32	5.556		
.220		5.59	12	
.232				4
.234	15/64	5.953		
.236		6.000		
.248		6.30	14	
.250	1/4	6.350		
.252				3
.265	17/64	6.746		
.275		7.000		
.276		7.01	16	2
.281	9/32	7.143		
.296	19/64	7.540		
.300				1
.304		7.72	18	
.312	5/16	7.937		
.315		8.000		
.324				0
.328	21/64	8.334		
.332		8.43	20	
.343	11/32	8.731		
.348				2/0
.354		9.000		
.359	23/64	9.128		
.372				3/0
.375	3/8	9.525		
.390	25/64	9.921		
.393		10.000		
.400				4/0
.406	13/32	10.318		
.421	27/64	10.715		
.432				5/0
.433		11.000		
.437	7/16	11.112		
.453	29/64	11.509		
.464				6/0
.468	15/32	11.906		
.472		12.000		
.484	31/64	12.303		

Inches		mm	Wood Screw Gauge	Imperial Standard Wire Gauge
Decimals	Fractions			
.511		13.00		
.515	33/64	13.09		
.531	17/32	13.49		
.546	35/64	13.89		
.551		14		
.562	9/16	14.28		
.578	37/64	14.68		
.590		15.00		
.593	19/32	15.08		
.609	39/64	15.47		
.625	5/8	15.87		
.629		16.00		
.640	41/64	16.27		
.656	21/32	16.66		
.669		17.00		
.671	43/64	17.06		
.687	11/16	17.46		
.703	45/64	17.85		
.708		18.00		
.718	23/32	18.25		
.734	47/64	18.65		
.748		19.00		
.750	3/4	19.05		
.765	49/64	19.44		
.781	25/32	19.84		
.787		20.00		
.796	51/64	20.24		
.812	13/16	20.63		
.826		21.00		
.828	53/64	21.03		
.843	27/32	21.43		
.859	55/64	21.82		
.866		22.00		
.875	7/8	22.22		
.890	57/64	22.62		
.905		23.00		
.906	29/32	23.01		
.921	59/64	23.41		
.937	15/16	23.81		
.944		24.00		
.953	61/64	24.20		
.968	31/32	24.60		
.984	63/64	25.00		
1.000	1	25.40		

Preferred Metric Diameters and Lengths

with equivalent inch dimensions

Lengths

mm	10	12	16	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	110
Inches	3/8"	1/2"	5/8"	3/4"	1	1 1/4"	1 3/8"	1 1/2"	1 3/4"	2"	2 1/4"	2 3/8"	2 1/2"	2 3/4"	3"	3 1/8"	3 1/2"	4"	4 1/2"

mm	120	130	140	150	160	170	180	190	200	220	240	260	280	300	325	350	375	400
Inches	4 3/4"	5"	5 1/2"	6"	6 1/2"	6 3/4"	7"	7 1/2"	8"	8 1/2"	9 1/2"	10"	11"	12"	12 3/4"	13 3/4"	14 3/4"	16"

Diameters

mm	M6	M8	M10	M12	M16	M20	M24	M27	M30
Inches	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/8"	1 1/4"