Conversion Inches <-> mm

0 + xxx

	Size mm		Size mm		Size mm		Size mm		Size mm
1/64	*0,397*	1/32	*0,794*	1/16	*1,588*	1/8	*3,175*	1/4	*6,35*
3/64	*1,191*	3/32	*2,381*	3/16	*4,763*	3/8	*9,525*	3/4	*19,05*
5/64	*1,984*	5/32	*3,969*	5/16	*7,938*	5/8	*15,875*	1/2	*12,7*
7/64	*2,778*	7/32	*5,556*	7/16	*11,113*	7/8	*22,225*	1	*25,4*
9/64	*3,572*	9/32	*7,144*	9/16	*14,288*				
11/64	*4,366*	11/32	*8,731*	11/16	*17,463*				
13/64	*5,159*	13/32	*10,319*	13/16	*20,638*				
15/64	*5,953*	15/32	*11,906*	15/16	*23,813*				
17/64	*6,747*	17/32	*13,494*						
19/64	*7,541*	19/32	*15,081*						
21/64	*8,334*	21/32	*16,669*						
23/64	*9,128*	23/32	*18,256*						
25/64	*9,922*	25/32	*19,844*						
27/64	*10,716*	27/32	*21,431*						
29/64	*11,509*	29/32	*23,019*						
31/64	*12,303*	31/32	*24,606*						
33/64	*13,097*								
35/64	*13,891*								
37/64	*14,684*								
39/64	*15,478*								
41/64	*16,272*								
43/64	*17,264*								
45/64	*17,859*								
47/64	*18,653*								
49/64	*19,447*								
51/64	*20,241*								
53/64	*21,034*								
55/64	*21,828*								
57/64	*22,622*								
59/64	*23,416*								
61/64	*24,209*								
63/64	*25,003*								

1 + xxx

	Size mm		Size mm		Size mm		Size mm		Size mm
1/64	*25,797*	1/32	*26,194*	1/16	*26,988*	1/8	*28,575*	1/4	*31,75*
3/64	*26,591*	3/32	*27,781*	3/16	*30,163*	3/8	*34,925*	3/4	*44,45*
5/64	*27,384*	5/32	*29,369*	5/16	*33,338*	5/8	*41,275*	1/2	*38,1*
7/64	*28,178*	7/32	*30,956*	7/16	*36,513*	7/8	*47,625*	1	*50,8*
9/64	*28,972*	9/32	*32,544*	9/16	*39,688*				
11/64	*29,766*	11/32	*34,131*	11/16	*42,863*				
13/64	*30,559*	13/32	*35,719*	13/16	*46,038*				
15/64	*31,353*	15/32	*37,306*	15/16	*49,213*				
17/64	*32,147*	17/32	*38,894*						
19/64	*32,941*	19/32	*40,481*						
21/64	*33,734*	21/32	*42,069*						
23/64	*34,528*	23/32	*43,656*						
25/64	*35,322*	25/32	*45,244*						
27/64	*36,116*	27/32	*46,831*						
29/64	*36,909*	29/32	*48,419*						
31/64	*37,703*	31/32	*50,006*						
33/64	*38,497*								
35/64	*39,291*								
37/64	*40,084*								
39/64	*40,878*								
41/64	*41,672*								
43/64	*42,664*								
45/64	*43,259*								
47/64	*44,053*								
49/64	*44,847*								
51/64	*45,641*								
53/64	*46,434*								
55/64	*47,228*								
57/64	*48,022*								
59/64	*48,816*								
61/64	*49,609*								
63/64	*50,403*								

2 + xxx

	Size mm		Size mm		Size mm		Size mm		Size mm
1/64	*51,197*	1/32	*51,594*	1/16	*52,388*	1/8	*53,975*	1/4	*57,15*
3/64	*51,991*	3/32	*53,181*	3/16	*55,563*	3/8	*60,325*	3/4	*69,85*
5/64	*52,784*	5/32	*54,769*	5/16	*58,738*	5/8	*66,675*	1/2	*63,5*
7/64	*53,578*	7/32	*56,356*	7/16	*61,913*	7/8	*73,025*	1	*76,2*
9/64	*54,372*	9/32	*57,944*	9/16	*65,088*				
11/64	*55,166*	11/32	*59,531*	11/16	*68,263*				
13/64	*55,959*	13/32	*61,119*	13/16	*71,438*				
15/64	*56,753*	15/32	*62,706*	15/16	*74,613*				
17/64	*57,547*	17/32	*64,294*						
19/64	*58,341*	19/32	*65,881*						
21/64	*59,134*	21/32	*67,469*						
23/64	*59,928*	23/32	*69,056*						
25/64	*60,722*	25/32	*70,644*						
27/64	*61,516*	27/32	*72,231*						
29/64	*62,309*	29/32	*73,819*						
31/64	*63,103*	31/32	*75,406*						
33/64	*63,897*								
35/64	*64,691*								
37/64	*65,484*								
39/64	*66,278*								
41/64	*67,072*								
43/64	*68,064*								
45/64	*68,659*								
47/64	*69,453*								
49/64	*70,247*								
51/64	*71,041*								
53/64	*71,834*								
55/64	*72,628*								
57/64	*73,422*								
59/64	*74,216*								
61/64	*75,009*								
63/64	*75,803*								

3 + xxx

	Size mm		Size mm		Size mm		Size mm		Size mm
1/64	*76,597*	1/32	*76,994*	1/16	*77,788*	1/8	*79,375*	1/4	*82,55*
3/64	*77,391*	3/32	*78,581*	3/16	*80,963*	3/8	*85,725*	3/4	*95,25*
5/64	*78,184*	5/32	*80,169*	5/16	*84,138*	5/8	*92,075*	1/2	*88,9*
7/64	*78,978*	7/32	*81,756*	7/16	*87,313*	7/8	*98,425*	1	*101,6*
9/64	*79,772*	9/32	*83,344*	9/16	*90,488*				
11/64	*80,566*	11/32	*84,931*	11/16	*93,663*				
13/64	*81,359*	13/32	*86,519*	13/16	*96,838*				
15/64	*82,153*	15/32	*88,106*	15/16	*100,013*				
17/64	*82,947*	17/32	*89,694*						
19/64	*83,741*	19/32	*91,281*						
21/64	*84,534*	21/32	*92,869*						
23/64	*85,328*	23/32	*94,456*						
25/64	*86,122*	25/32	*96,044*						
27/64	*86,916*	27/32	*97,631*						
29/64	*87,709*	29/32	*99,219*						
31/64	*88,503*	31/32	*100,806*						
33/64	*89,297*								
35/64	*90,091*								
37/64	*90,884*								
39/64	*91,678*								
41/64	*92,472*								
43/64	*93,464*								
45/64	*94,059*								
47/64	*94,853*								
49/64	*95,647*								
51/64	*96,441*								
53/64	*97,234*								
55/64	*98,028*								
57/64	*98,822*								
59/64	*99,616*								
61/64	*100,409*								
63/64	*101,203*								

4 + xxx

	Size mm		Size mm		Size mm		Size mm		Size mm
1/64	*101,997*	1/32	*102,394*	1/16	*103,188*	1/8	*104,775*	1/4	*107,95*
3/64	*102,791*	3/32	*103,981*	3/16	*106,363*	3/8	*111,125*	3/4	*120,65*
5/64	*103,584*	5/32	*105,569*	5/16	*109,538*	5/8	*117,475*	1/2	*114,3*
7/64	*104,378*	7/32	*107,156*	7/16	*112,713*	7/8	*123,825*	1	*127*
9/64	*105,172*	9/32	*108,744*	9/16	*115,888*				
11/64	*105,966*	11/32	*110,331*	11/16	*119,063*				
13/64	*106,759*	13/32	*111,919*	13/16	*122,238*				
15/64	*107,553*	15/32	*113,506*	15/16	*125,413*				
17/64	*108,347*	17/32	*115,094*						
19/64	*109,141*	19/32	*116,681*						
21/64	*109,934*	21/32	*118,269*						
23/64	*110,728*	23/32	*119,856*						
25/64	*111,522*	25/32	*121,444*						
27/64	*112,316*	27/32	*123,031*						
29/64	*113,109*	29/32	*124,619*						
31/64	*113,903*	31/32	*126,206*						
33/64	*114,697*								
35/64	*115,491*								
37/64	*116,284*								
39/64	*117,078*								
41/64	*117,872*								
43/64	*118,864*								
45/64	*119,459*								
47/64	*120,253*								
49/64	*121,047*								
51/64	*121,841*								
53/64	*122,634*								
55/64	*123,428*								
57/64	*124,222*								
59/64	*125,016*								
61/64	*125,809*								
63/64	*126,603*								

5 + xxx

	Size mm		Size mm		Size mm		Size mm		Size mm
1/64	*127,397*	1/32	*127,794*	1/16	*128,588*	1/8	*130,175*	1/4	*133,35*
3/64	*128,191*	3/32	*129,381*	3/16	*131,763*	3/8	*136,525*	3/4	*146,05*
5/64	*128,984*	5/32	*130,969*	5/16	*134,938*	5/8	*142,875*	1/2	*139,7*
7/64	*129,778*	7/32	*132,556*	7/16	*138,113*	7/8	*149,225*	1	*152,4*
9/64	*130,572*	9/32	*134,144*	9/16	*141,288*				
11/64	*131,366*	11/32	*135,731*	11/16	*144,463*				
13/64	*132,159*	13/32	*137,319*	13/16	*147,638*				
15/64	*132,953*	15/32	*138,906*	15/16	*150,813*				
17/64	*133,747*	17/32	*140,494*						
19/64	*134,541*	19/32	*142,081*						
21/64	*135,334*	21/32	*143,669*						
23/64	*136,128*	23/32	*145,256*						
25/64	*136,922*	25/32	*146,844*						
27/64	*137,716*	27/32	*148,431*						
29/64	*138,509*	29/32	*150,019*						
31/64	*139,303*	31/32	*151,606*						
33/64	*140,097*								
35/64	*140,891*								
37/64	*141,684*								
39/64	*142,478*								
41/64	*143,272*								
43/64	*144,264*								
45/64	*144,859*								
47/64	*145,653*								
49/64	*146,447*								
51/64	*147,241*								
53/64	*148,034*								
55/64	*148,828*								
57/64	*149,622*								
59/64	*150,416*								
61/64	*151,209*								
63/64	*152,003*								

American Wire Gauge AWG		**Gauge Number**	**Standard Wire Gauge SWG**	
Inches	*mm*		Inches	*mm*
0.10190	*2.488*	**10**	0.1280	*3.250*
0.09070	*2.304*	**11**	0.1160	*2.950*
0.08080	*2.052*	**12**	0.1040	*2.640*
0.07200	*1.829*	**13**	0.0920	*2.340*
0.06410	*1.628*	**14**	0.0800	*2.030*
0.05710	*1.450*	**15**	0.0720	*1.830*
0.05080	*1.290*	**16**	0.0640	*1.630*
0.04530	*1.151*	**17**	0.0560	*1.420*
0.04030	*1.024*	**18**	0.0480	*1.220*
0.03590	*0.912*	**19**	0.0400	*1.020*
0.03200	*0.813*	**20**	0.0360	*0.914*
0.02840	*0.724*	**21**	0.0320	*0.813*
0.02530	*0.643*	**22**	0.0280	*0.711*
0.02260	*0.574*	**23**	0.0240	*0.610*
0.02010	*0.511*	**24**	0.0220	*0.559*
0.01790	*0.455*	**25**	0.0200	*0.508*
0.01590	*0.404*	**26**	0.0180	*0.457*
0.01420	*0.361*	**27**	0.0164	*0.417*
0.01260	*0.320*	**28**	0.0148	*0.376*
0.01130	*0.287*	**29**	0.0136	*0.345*
0.01000	*0.254*	**30**	0.0124	*0.315*
0.00890	*0.226*	**31**	0.0116	*0.295*
0.00800	*0.203*	**32**	0.0108	*0.274*
0.00710	*0.180*	**33**	0.0100	*0.245*
0.00630	*0.160*	**34**	0.0092	*0.234*
0.00560	*0.142*	**35**	0.0084	*0.213*
0.00500	*0.127*	**36**	0.0076	*0.193*
0.00450	*0.114*	**37**	0.0068	*0.173*
0.00400	*0.102*	**38**	0.0060	*0.152*
0.00350	*0.090*	**39**	0.0052	*0.132*
0.00310	*0.079*	**40**	0.0048	*0.122*
0.00280	*0.071*	**41**	0.0044	*0.112*
0.00250	*0.063*	**42**	0.0040	*0.102*
0.00220	*0.056*	**43**	0.0036	*0.091*
0.00200	*0.051*	**44**	0.0032	*0.081*
0.00176	*0.045*	**45**	0.0028	*0.071*
0.00157	*0.040*	**46**	0.0024	*0.061*
0.00140	*0.036*	**47**	0.0020	*0.051*
0.00124	*0.031*	**48**	0.0016	*0.041*

Drill Chart

Gauge	*Inches*	mm
80	*0,0135*	*0,343*
79	*0,0145*	*0,368*
78	*0,016*	*0,406*
77	*0,018*	*0,457*
76	*0,020*	*0,508*
75	*0,021*	*0,533*
74	*0,0225*	*0,572*
73	*0,024*	*0,610*
72	*0,025*	*0,635*
71	*0,026*	*0,660*
70	*0,028*	*0,711*
69	*0,0292*	*0,742*
68	*0,031*	*0,787*
67	*0,032*	*0,813*
66	*0,033*	*0,838*
65	*0,035*	*0,889*
64	*0,036*	*0,914*
63	*0,037*	*0,940*
62	*0,038*	*0,965*
61	*0,039*	*0,991*
60	*0,040*	*1,016*
59	*0,041*	*1,041*
58	*0,042*	*1,067*
57	*0,043*	*1,092*
56	*0,0465*	*1,181*
55	*0,052*	*1,321*
54	*0,055*	*1,397*

Gauge	*Inches*	mm
53	*1,511*	*0,0595*
52	*1,613*	*0,0635*
51	*1,702*	*0,067*
50	*1,778*	*0,070*
49	*1,854*	*0,073*
48	*1,930*	*0,076*
47	*1,994*	*0,0785*
46	*2,057*	*0,081*
45	*2,083*	*0,082*
44	*2,184*	*0,086*
43	*2,261*	*0,089*
42	*2,375*	*0,0935*
41	*2,438*	*0,096*
40	*2,489*	*0,098*
39	*2,527*	*0,0995*
38	*2,578*	*0,1015*
37	*2,642*	*0,104*
36	*2,705*	*0,1065*
35	*2,794*	*0,110*
34	*2,819*	*0,111*
33	*2,870*	*0,113*
32	*2,946*	*0,116*
31	*3,048*	*0,120*
30	*3,264*	*0,1285*
29	*3,454*	*0,136*
28	*3,569*	*0,1405*
27	*3,658*	*0,144*

Drill chart

Gauge	*Inches*	mm
26	*0,147*	*3,734*
25	*0,1495*	*3,797*
24	*0,152*	*3,861*
23	*0,154*	*3,912*
22	*0,157*	*3,988*
21	*0,159*	*4,039*
20	*0,161*	*4,089*
19	*0,166*	*4,216*
18	*0,1695*	*4,305*
17	*0,173*	*4,394*
16	*0,177*	*4,496*
15	*0,180*	*4,572*
14	*0,182*	*4,623*
13	*0,185*	*4,699*
12	*0,189*	*4,801*
11	*0,191*	*4,851*
10	*0,1935*	*4,915*
9	*0,196*	*4,978*
8	*0,199*	*5,055*
7	*0,201*	*5,105*
6	*0,204*	*5,182*
5	*0,2055*	*5,220*
4	*0,209*	*5,309*
3	*0,213*	*5,410*
2	*0,221*	*5,613*
1	*0,228*	*5,791*

Gauge	*Inches*	mm
A	*5,944*	*0,234*
B	*6,045*	*0,238*
C	*6,147*	*0,242*
D	*6,248*	*0,246*
E	*6,350*	*0,250*
F	*6,528*	*0,257*
G	*6,629*	*0,261*
H	*6,756*	*0,266*
I	*6,909*	*0,272*
J	*7,036*	*0,277*
K	*7,137*	*0,281*
L	*7,366*	*0,290*
M	*7,493*	*0,295*
N	*7,671*	*0,302*
O	*8,026*	*0,316*
P	*8,204*	*0,323*
Q	*8,433*	*0,332*
R	*8,611*	*0,339*
S	*8,839*	*0,348*
T	*9,093*	*0,358*
U	*9,347*	*0,368*
V	*9,576*	*0,377*
W	*9,804*	*0,386*
X	*10,08*	*0,397*
Y	*10,26*	*0,404*
Z	*10,49*	*0,413*