

HSM WIRE INTERNATIONAL, INC.

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www.hsmwire.com

WIRE GAUGE CHART

Wire Number Gauge	Standard Wire Gauge (SWG)		American Wire Gauge (AWG)	
	In.	Equivalent in mm	In.	Equivalent in mm
7/0	.5000	12.700	-	-
6/0	.4640	11.786	.5800	14.7320
5/0	.4320	10.973	.5165	13.1191
4/0	.4000	10.160	.4600	11.6840
3/0	.3720	9.449	.4096	10.4049
2/0	.3480	8.839	.3648	9.2658
1/0	.3240	8.230	.3249	8.2515
1	.3000	7.620	.2893	7.3481
2	.2760	7.010	.2576	6.5437
3	.2520	6.401	.2294	5.8273
4	.2320	5.893	.2043	5.1892
5	.2120	5.385	.1819	4.6203
6	.1920	4.877	.1620	4.1148
7	.1760	4.470	.1443	3.6652
8	.1600	4.064	.1285	3.2639
9	.1440	3.658	.1144	2.9058
10	.1280	3.251	.1019	2.5883
11	.1160	2.946	.0907	2.3038
12	.1040	2.642	.0808	2.0523
13	.0920	2.337	.0720	1.8288
14	.0800	2.032	.0641	1.6281
15	.0720	1.829	.0571	1.4503
16	.0640	1.626	.0508	1.2903
17	.0560	1.422	.0453	1.1506
18	.0480	1.219	.0403	1.0236
19	.0400	1.016	.0359	.9119
20	.0360	.914	.0320	.8128
21	.0320	.813	.0285	.7239
22	.0280	.711	.0253	.6426
23	.0240	.610	.0226	.5740
24	.0220	.599	.0201	.5105
25	.0200	.508	.0179	.4547

Wire Number Gauge	Standard Wire Gauge (SWG)		American Wire Gauge (AWG)	
	In.	Equivalent in mm	In.	Equivalent in mm
26	.0180	.457	.0159	.4039
27	.0164	.417	.0142	.3607
28	.0148	.376	.0126	.3200
29	.0136	.345	.0113	.2870
30	.0124	.315	.0100	.2540
31	.0116	.295	.0089	.2261
32	.0108	.274	.0080	.2032
33	.0100	.254	.0071	.1803
34	.0092	.234	.0063	.1600
35	.0084	.213	.0056	.1422
36	.0076	.193	.0050	.1270
37	.0068	.173	.0045	.1143
38	.0060	.152	.0040	.1016
39	.0052	.132	.0035	.0889
40	.0048	.122	.0031	.0787
41	.0044	.112	.0028	.0711
42	.0040	.102	.0025	.0635
43	.0036	.091	.0022	.0559
44	.0032	.081	.0020	.0508
45	.0028	.071	.0018	.0457
46	.0024	.061	.0016	.0406
47	.0020	.051	.0014	.0356
48	.0016	.041	.0012	.0305
49	.0012	.031	.0011	.0279
50	.0010	.026	.0010	.0254
51	-	-	.0009	.0224
52	-	-	.0008	.0198
53	-	-	.0007	.0178
54	-	-	.0006	.0157
55	-	-	.0006	.0140
56	-	-	.0004	.0125