



GAUGE NUMBER EQUIVALENTS

Standard Decimal Equivalents in Inches and Millimeters for Various Gauges

Gauge No.	WIRE							SHEET				
	American (A.W.G.) or Brown & Sharpe	Metric	Birmingham or Stubs*	Metric	Washburn & Moen	Metric	British Imperial Standard	Metric	U.S. Standard	Metric	Manufacturers' Standard	Metric
000000					.4900	12.446	.500	12.700	.500	12.700		
000000	.5800	14.732			.4615	11.722	.464	11.786	.469	11.913		
00000	.5165	13.119			.4305	10.935	.432	10.973	.438	11.125		
0000	.4600	11.684	.454	11.532	.3938	10.003	.400	10.160	.406	10.312		
000	.4096	10.404	.425	10.795	.3625	9.208	.372	9.449	.375	9.525		
00	.3648	9.266	.380	9.652	.3310	8.407	.348	8.839	.344	8.738		
0	.3249	8.252	.340	8.636	.3065	7.785	.324	8.230	.312	7.925		
1	.2893	7.348	.300	7.620	.2830	7.188	.300	7.620	.281	7.137		
2	.2576	6.543	.284	7.214	.2625	6.668	.276	7.010	.266	6.756		
3	.2294	5.827	.259	6.579	.2437	6.190	.252	6.401	.250	6.350	.2391	6.073
4	.2043	5.189	.238	6.045	.2253	5.723	.232	5.893	.234	5.944	.2242	5.695
5	.1819	4.621	.220	5.588	.2070	5.258	.212	5.385	.219	5.563	.2092	5.314
6	.1620	4.115	.203	5.156	.1920	4.877	.192	4.877	.202	5.131	.1943	4.935
7	.1443	3.665	.180	4.572	.1770	4.496	.176	4.470	.188	4.775	.1793	4.554
8	.1285	3.264	.165	4.190	.1620	4.115	.160	4.064	.172	4.369	.1644	4.176
9	.1144	2.906	.148	3.760	.1483	3.767	.144	3.658	.156	3.982	.1495	3.797
10	.1019	2.588	.134	3.400	.1350	3.429	.128	3.251	.141	3.581	.1345	3.416
11	.0907	2.304	.120	3.048	.1205	3.061	.116	2.946	.125	3.175	.1196	3.038
12	.0808	2.052	.109	2.769	.1055	2.680	.104	2.642	.109	2.769	.1046	2.657
13	.0720	1.829	.095	2.413	.0915	2.324	.092	2.337	.0938	2.383	.0897	2.278
14	.0641	1.628	.083	2.108	.0800	2.032	.080	2.032	.0781	1.984	.0747	1.897
15	.0571	1.450	.072	1.830	.0720	1.829	.072	1.829	.0703	1.786	.0673	1.709
16	.0508	1.291	.065	1.651	.0625	1.588	.064	1.626	.0625	1.588	.0598	1.519
17	.0453	1.150	.058	1.473	.0540	1.372	.056	1.422	.0562	1.427	.0538	1.387
18	.0403	1.024	.049	1.245	.0475	1.207	.048	1.219	.0500	1.270	.0478	1.214
19	.0359	.919	.042	1.067	.0410	1.041	.040	1.016	.0438	1.113	.0418	1.062
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20	.0320	.8128	.035	.889	.0348	.884	.036	.914	.0375	.953	.0359	.912
21	.0285	.7239	.032	.813	.0317	.808	.032	.813	.0344	.874	.0329	.836
22	.0253	.6426	.028	.711	.0286	.726	.028	.711	.0312	.792	.0299	.760
23	.0226	.5740	.025	.635	.0258	.655	.024	.610	.0281	.714	.0269	.683
24	.0201	.5106	.022	.559	.0230	.584	.022	.559	.0250	.635	.0239	.607
25	.0179	.4547	.020	.508	.0204	.518	.020	.508	.0219	.556	.0209	.531
26	.0159	.4038	.018	.457	.0181	.460	.018	.457	.0188	.478	.0179	.455
27	.0142	.3606	.016	.406	.0173	.439	.0164	.417	.0172	.437	.0164	.417
28	.0126	.3200	.014	.357	.0162	.412	.0148	.376	.0156	.396	.0149	.379
29	.0113	.2870	.013	.330	.0150	.381	.0136	.345	.0141	.358	.0135	.343
30	.0100	.2540	.012	.305	.0140	.356	.0124	.315	.0125	.318	.0120	.305
31	.0089	.2261	.010	.254	.0132	.335	.0116	.295	.0109	.277	.0105	.267
32	.0080	.2032	.009	.226	.0128	.325	.0108	.274	.0102	.259	.0097	.246
33	.0071	.1803	.008	.200	.0118	.300	.0100	.254	.00938	.238	.0090	.229
34	.0063	.1601	.007	.178	.0104	.264	.0092	.234	.00859	.218	.0082	.208
35	.0056	.1422	.005	.127	.0095	.241	.0084	.213	.00781	.198	.0075	.191
36	.0050	.1270	.004	.102	.0090	.229	.0076	.193	.00703	.179	.0067	.170
37	.0045	.1143			.0085	.216	.0068	.173	.00664	.169	.0064	.163
38	.0040	.1016			.0080	.203	.0060	.152	.00625	.159	.0060	.152
39	.0035	.0889			.0075	.191	.0052	.132				
40	.0031	.0787			.0070	.178	.0048	.122				
41	.0028	.0711			.0066	.168	.0044	.112				
42	.0025	.0635			.0062	.158	.0040	.102				
43	.0022	.0559			.0060	.152	.0036	.091				
44	.0020	.0508			.0058	.147	.0032	.081				
45	.0018	.0457			.0055	.140	.0028	.071				
46	.0016	.0406			.0052	.132	.0024	.061				
47	.0014	.0350			.0050	.127	.0020	.051				
48	.0012	.0305			.0048	.122	.0016	.041				
49	.0011	.0279			.0046	.117	.0012	.031				
50	.0010	.0254			.0044	.112	.0010	.025				

**Gibbs only accepts orders with decimal designations.
This document is for reference only.**