

# "AMERICAN WIRE GAUGE"

Gage	Diameter		Area			Weight	No. / mm.
	Mil	Milimeter	Circular Mil	Square Inch	Square Milimeter		
A.W.G	Mil	mm	cm	in	mm	kg / km	
1	289.3	7.348	83.694	0.06573	42.41	377	1/7.348
		8.508				379	19/1.690
		8.500				379	37/1.210
		8.480				377	61/0.940
2	257.6	6.544	66.358	0.05212	33.63	299	1/6.543
		7.410				299	7/2.47
		7.551				299	19/1.500
		7.590				302	37/1.080
4	204.3	5.189	41.738	0.03278	21.15	188	1/5.189
		5.960				188	7/1.960
		5.991				188	19/1.190
		5.992				188	37/0.853
		6.032				192.7	133/0.455
		6.036				191	420/0.254
6	162	4.115	26.244	0.02061	13.3	118.2	1/4.115
		4.770				119	7/1.560
		4.829				121	19/0.954
		4.749				118	266/0.254
8	128.5	4.803	16.512	0.01297	8.368	121	266/0.254
		3.264				74.39	1/3.264
		3.690				74.13	7/1.230
		3.771				74.60	19/0.749
		3.760				74.1	37/0.536
10	101.9	3.783	10.384	0.008156	5.262	75	133/0.284
		2.588				46.78	1/2.588
		2.961				47.73	7/0.987
		3.005				47.4	19/0.597
		3.017				47.8	105/0.254
12	80.81	2.974	6.53	0.005129	3.309	46.4	259/0.160
		2.053				29.42	1/2.05
		2.325				29.43	7/0.775
		2.366				29.37	19/0.47
		2.374				29.58	65/0.254
14	64.08	2.395	4.106	0.003225	2.081	30.10	168/0.16
		1.628				18.5	1/1.630
		1.845				18.53	7/0.615
		1.877				18.50	19/0.373
		1.885				18.66	41/0.254
16	50.82	1.894	2.583	0.002029	1.309	18.81	105/0.160
		1.291				11.64	1/1.290
		1.464				11.67	7/0.488
		1.502				11.83	26/0.254
18	40.3	1.483	1.624	0.001275	0.8226	11.65	65/0.16
		1.024				7.313	1/1.02
		1.212				7.99	7/0.404
		1.178				7.28	16/0.254
		1.198				7.54	34/0.180
20	30	1.163	1.021	0.0008019	0.5174	7.16	41/0.160
		0.8118				4.6	1/0.813
		0.9600				5.01	7/0.320
		0.9421				4.65	21/0.180
22	25.35	0.9305	642.6	0.0005047	0.3256	4.54	26/0.160
		0.6439				2.895	1/0.643
		0.7650				3.186	7/0.254
24	20.1	0.7524	404	0.0003173	0.2047	2.97	17/0.160
		0.5106				1.82	1/0.511
		0.6000				1.96	7/0.20
		0.60525				1.92	11/0.160
26	15.94	0.4740	254.1	0.0001996	0.1288	1.145	1/0.404
		0.4049				1.223	7/0.160
28	12.64	0.3211	159.8	0.0001255	0.08097	0.7198	1/0.320
		0.3810				0.7903	7/0.127
30	10.03	0.2548	100.6	0.0007901	0.5097	0.4531	1/0.254
		0.30				0.49	7/0.102
32	7.95	0.2091	63.2	0.00004964	0.03203	0.2847	1/0.203