

COPPER		BRASS		ALUMINUM		B & S GAUGE		MONEL		CHROMEL "A"		NICKEL SILVER		NI & PHOS BRONZE	
FT/LBS	LBS/FT	FT/LBS	LBS/FT	FT/LBS	LBS/FT	GA	DEC	FT/LBS	LBS/FT	FT/LBS	LBS/FT	FT/LBS	LBS/FT	FT/LBS	LBS/FT
3.133	.3192	3.26	.307	10.44	.09581	0	.3249			3.30	.303030	3.18	.315	3.14	.318471
3.952	.2530	4.12	.242	13.16	.07596	1	.2893			4.18	.239234	4.02	.249	3.97	.251889
4.984	.2006	5.18	.193	16.60	.06023	2	.2576			5.25	.190476	5.04	.198	4.98	.200803
6.285	.1591	6.57	.152	20.94	.04776	3	.2294			6.66	.150150	6.40	.156	6.33	.157978
7.924	.1262	8.28	.121	26.40	.03788	4	.2043			8.38	.119332	8.07	.124	7.98	.125313
9.996	.1000	10.4	.0962	33.30	.03003	5	.1819			10.5	.095238	10.1	.0987	10.00	.100000
12.60	.07935	13.1	.0762	41.98	.02382	6	.1620			13.3	.075188	12.8	.0782	12.63	.079177
15.88	.06296	16.6	.0602	52.91	.01890	7	.1443			16.8	.059524	16.2	.0618	16.00	.062500
20.03	.04992	21.0	.0476	66.73	.01499	8	.1285			21.3	.046948	20.5	.0488	20.2	.049505
25.27	.03957	26.5	.0377	84.19	.01188	9	.1144			26.9	.037175	25.8	.0387	25.5	.039216
31.85	.03139	33.1	.0302	106.1	.009424	10	.1019			33.6	.029762	32.3	.0310	31.8	.031447
40.21	.02487	41.9	.0239	133.9	.007466	11	.0907			42.2	.023697	40.8	.0245	40.0	.025000
50.66	.01974	52.8	.0190	168.8	.005925	12	.0808	50.94	.019631	53.3	.018762	51.4	.0194	50.6	.019763
63.80	.01567	66.5	.0150	212.5	.004705	13	.0720	64.40	.014837	67.4	.014837	64.8	.0154	64.0	.015625
80.50	.01242	83.8	.0119	268.2	.003729	14	.0641	81.30	.012300	85.3	.011723	81.7	.0122	81.0	.012346
101.4	.009858	106.	.00946	337.9	.002959	15	.0571	102.3	.009775	107.3	.009320	103.	.009771	102.2	.009785
128.2	.007802	133.	.00749	426.9	.002342	16	.0508	127.8	.007825	134.	.007463	130.	.00769	127.7	.007831
161.2	.006204	168.	.00596	536.9	.001862	17	.0453	164.8	.006068	172.	.005814	164.	.00611	163.5	.006116
203.7	.004910	212.	.00471	678.4	.001474	18	.0403	208.0	.004808	218.	.004587	207.	.00484	207.	.004831
256.6	.003897	267.	.00374	854.9	.001170	19	.0359	256.0	.003906	269.	.003717	261.	.00384	255.	.003922
323.0	.003096	336.	.00297	1076.	.000929	20	.0320	326.0	.003067	341.	.002933	328.	.00305	324.	.003086
407.2	.002456	424.	.00236	1356.	.000737	21	.0285	424.8	.002354	430.	.002326	413.	.00242	408.	.002451
516.7	.001935	538.	.00186	1721.	.000581	22	.0253	532.	.001880	545.	.001835	525.	.00191	518.	.001931
647.6	.001544	674.	.00148	2157.	.000464	23	.0226	687.	.001456	684.	.001462	657.	.00152	648.	.001543
818.7	.001222	853.	.00117	2727.	.000367	24	.0201	831.	.001203	865.	.001156	831.	.00120	820.	.001220
1032.	.000969	1080.	.000930	3439.	.000291	25	.0179	1027.	.000974	1090.	.000917	1050.	.000954	1034.	.000967
1308.	.000764	1360.	.000734	4358.	.000230	26	.0159	1301.	.000769	1380.	.000725	1330.	.000753	1310.	.000763
1640.	.000610	1710.	.000585	5464.	.000183	27	.0142	1697.	.000589	1730.	.000578	1670.	.000601	1645.	.000608
2083.	.000480	2170.	.000461	6940.	.000144	28	.0126	1968.	.000508	2200.	.000455	2120.	.000473	2090.	.000478
2590.	.000386	2700.	.000371	8629.	.000116	29	.0113	2148.	.000466	2730.	.000366	2630.	.000380	2600.	.000385
3307.	.000302	3450.	.000290	11018.	.000091	30	.0100	3323.	.000301	3490.	.000287	3360.	.000298	3315.	.000302
4148.	.000241	4350.	.000230	13817.	.000072	31	.0089	4107.	.000243	4420.	.000226	4240.	.000236	4190.	.000239
5233.	.000191	5380.	.000186	17433.	.000057	32	.0080	5197.	.000192	5450.	.000183	5250.	.000191	5180.	.000193
6598.	.000152	6830.	.000146	21980.	.000045	33	.0071	6810.	.000147	6930.	.000144	6660.	.000150	6580.	.000152
8333.	.000120	8680.	.000115	27760.	.000036	34	.0063	9260.	.000108	8800.	.000114	8480.	.000118	8370.	.000119
10509.	.000095	11000.	.000091	35009.	.000029	35	.0056			11150.	.000090	10700.	.000093	10550.	.000095
13230.	.000076	13800.	.000073	44072.	.000023	36	.0050			14000.	.000071	13400.	.000075	13250.	.000075
16702.	.000060	17000.	.000059	55639.	.000018	37	.0045			17200.	.000058	16600.	.000060	16350.	.000061
21091.	.000047	21500.	.000046	70261.	.000014	38	.0040			21800.	.000046	21000.	.000048	20700.	.000048
26543.	.000038	28100.	.000036	88420.	.000011	39	.0035			28400.	.000035	27400.	.000037	27100.	.000037
33546.	.000030	35800.	.000028	111749.	.000009	40	.0031			36300.	.000028	34900.	.000029	34500.	.000029

MUSIC WIRE					
DEC.	FT/LBS	LBS/FT	DEC.	LBS/FT	FT/LBS
.0015	152100	.000007	.0470	170	.005882
.0020	93000	.000011	.0490	156	.006410
.0025	60000	.000016	.0510	144	.006944
.0030	39000	.000026	.0550	124	.008065
.0040	23433	.000043	.0590	108	.009259
.0050	14997	.000067	.0630	94	.010638
.0060	10415	.000096	.0670	83	.012048
.0070	7652	.000131	.0710	74	.013514
.0080	5858	.000171	.0750	68	.014706
.0090	4629	.000216	.0800	58	.017241
.0100	3749	.000267	.0830	54	.018519
.0110	2936	.000341	.0860	51	.019608
.0120	2604	.000384	.0910	46	.021739
.0130	2218	.000451	.0940	43	.023256
.0140	1913	.000523	.0980	39	.025641
.0160	1465	.000683	.1020	36	.027778
.0180	1157	.000864	.1060	34	.029412
.0200	937	.001067	.1100	32	.031250
.0220	775	.001290	.1140	29	.034483
.0240	651	.001536	.1180	27	.037037
.0260	560	.001786	.1250	24	.041667
.0290	447	.002237	.1406	20	.050000
.0310	391	.002558	.1562	16	.062500
.0330	344	.002907	.1718	12	.083333
.0350	305	.003279	.1875	10	.100000
.0370	274	.003650	.2031	9	.111111
.0390	247	.004049	.2187	8	.125000
.0410	223	.004484	.2343	6-3/4	.148148
.0430	203	.004926	.2500	5-1/2	.181818
.0450	185	.005405			

ALL STEEL WIRES-BLK-BRT-GALV			
GA	W & M DEC	FT/LBS	LBS/FT
1	.2830	4.681	.2136
2	.2625	5.441	.1838
3	.2437	6.313	.1584
4	.2253	7.386	.1354
5	.2070	8.750	.1143
6	.1920	10.17	.09832
7	.1770	11.97	.08356
8	.1620	14.29	.07000
9	.1483	17.05	.05866
10	.1350	20.57	.04861
11	.1205	25.82	.03873
12	.1055	33.69	.02969
13	.0915	44.78	.02233
14	.0800	58.58	.01707
15	.0720	72.32	.01383
16	.0625	95.98	.01042
17	.0540	128.6	.007778
18	.0475	166.2	.006018
19	.0410	223.0	.004484
20	.0348	309.6	.003230
21	.0317	373.1	.002680
22	.0286	458.4	.002182
23	.0258	563.3	.001775
24	.0230	708.7	.001411
25	.0204	900.9	.001110
26	.0181	1144.	.000874
27	.0173	1253.	.000798
28	.0162	1429.	.000700
29	.0150	1666.	.000600
30	.0140	1913.	.000523
31	.0132	2152.	.000465
32	.0128	2288.	.000437
33	.0118	2693.	.000371
34	.0104	3466.	.000289
35	.0095	4154.	.000241
36	.0090	4629.	.000216
37	.0085	5189.	.000193
38	.0080	5858.	.000171
39	.0075	6665.	.000150
40	.0070	7652.	.000131

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Dia.(IN)	FT/LB	Dia.(IN)	FT/LB	Dia.(IN)	FT/LB	Dia.(IN)	FT/LB	Dia.(IN)	FT/LB
		0.041	221	0.081	57	0.121	25.4	0.161	14.4
		0.042	211	0.082	55	0.122	25.0	0.162	14.2
0.003	41366	0.043	201	0.083	54	0.123	24.6	0.163	14.0
0.004	23268	0.044	192	0.084	53	0.124	24.2	0.164	13.8
0.005	14892	0.045	184	0.085	52	0.125	23.8	0.165	13.7
0.006	10341	0.046	176	0.086	50	0.126	23.4	0.166	13.5
0.007	7598	0.047	169	0.087	49	0.127	23.1	0.167	13.3
0.008	5817	0.048	162	0.088	48	0.128	22.7	0.168	13.2
0.009	4596	0.049	155	0.089	47	0.129	22.4	0.169	13.0
0.010	3723	0.050	149	0.090	46	0.130	22.0	0.170	12.9
0.011	3077	0.051	143	0.091	45	0.131	21.7	0.171	12.7
0.012	2585	0.052	138	0.092	44	0.132	21.4	0.172	12.6
0.013	2203	0.053	133	0.093	43	0.133	21.0	0.173	12.4
0.014	1899	0.054	128	0.094	42	0.134	20.7	0.174	12.3
0.015	1655	0.055	123	0.095	41	0.135	20.4	0.175	12.2
0.016	1454	0.056	119	0.096	40	0.136	20.1	0.176	12.0
0.017	1288	0.057	115	0.097	40	0.137	19.8	0.177	11.9
0.018	1149	0.058	111	0.098	39	0.138	19.5	0.178	11.8
0.019	1031	0.059	107	0.099	38	0.139	19.3	0.179	11.6
0.020	931	0.060	103	0.100	37	0.140	19.0	0.180	11.5
0.021	844	0.061	100	0.101	36	0.141	18.7	0.181	11.4
0.022	769	0.062	97	0.102	36	0.142	18.5	0.182	11.2
0.023	704	0.063	94	0.103	35	0.143	18.2	0.183	11.1
0.024	646	0.064	91	0.104	34	0.144	18.0	0.184	11.0
0.025	596	0.065	88	0.105	34	0.145	17.7	0.185	10.9
0.026	551	0.066	85	0.106	34	0.146	17.5	0.186	10.8
0.027	511	0.067	83	0.107	33	0.147	17.2	0.187	10.6
0.028	475	0.068	81	0.108	33	0.148	17.0	0.188	10.5
0.029	443	0.069	78	0.109	32	0.149	16.8	0.189	10.4
0.030	414	0.070	76	0.110	31	0.150	16.5	0.190	10.3
0.031	387	0.071	74	0.111	31	0.151	16.3	0.191	10.2
0.032	364	0.072	72	0.112	30	0.152	16.1	0.192	10.1
0.033	342	0.073	70	0.113	30	0.153	15.9	0.193	10.0
0.034	322	0.074	68	0.114	29	0.154	15.7	0.194	9.9
0.035	304	0.075	66	0.115	29	0.155	15.5	0.195	9.8
0.036	287	0.076	64	0.116	28	0.156	15.3	0.196	9.7
0.037	272	0.077	62	0.117	27	0.157	15.1	0.197	9.6
0.038	258	0.078	61	0.118	27	0.158	14.9	0.198	9.5
0.039	245	0.079	60	0.119	26	0.159	14.7	0.199	9.4
0.040	233	0.080	58	0.120	26	0.160	14.5	0.200	9.3

Divide footage by

For Nickel 200/205	1.126
For Monel 400	1.119
For Inconel 600	1.067

