

NANDA METAL & MILL STORES

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(Weight of Brass Rod per ft. in kgs.)

Size in inches	Decimal in inches	Rounds	Hexagonal	Square
1/8	0.125	0.0205	0.0228	0.0260
3/16	0.1875	0.0461	0.0511	0.0589
1/4	0.25	0.0821	0.0908	0.1045
5/16	0.3125	0.1287	0.1419	0.1638
3/8	0.375	0.1848	0.224	0.2355
7/16	0.4375	0.2519	0.2779	0.3208
1/2	0.5	0.329	0.3628	0.4189
9/16	0.5625	0.4161	0.4609	0.5293
5/8	0.625	0.5156	0.5658	0.6525
11/16	0.6875	0.6206	0.6845	0.7894
3/4	0.75	0.7392	0.8168	0.940
13/16	0.8125	0.867	0.9582	1.1042
7/8	0.875	1.0084	1.1088	1.2822
15/16	0.9375	1.1544	1.2731	1.4738
1	1.00	1.3141	1.451	1.6746
1.1/8	1.125	1.6654	1.8343	2.1218
1 1/4	1.25	2.0534	2.2678	2.6192
1.3/8	1.375	2.4868	2.7424	3.1667
1 1/2	1.5	2.9614	3.2625	3.769
1.5/8	1.625	3.7424	3.8329	4.4261
1 3/4	1.75	4.0291	4.4444	5.1288
1.7/8	1.875	4.6269	5.1014	5.8908
2	2.00	5.2657	5.8041	6.703
2 1/4	2.25	6.662	7.3464	8.4826
2 1/2	2.50	8.225	9.0667	10.472
2 3/4	2.75	10.300	10.950	13.0700
3	3	12.170	13.300	15.0350

(Weight of Brass Sheet & Copper Wire)

Weight of copper wire per 100 yds in kg.	Weight per Brass Sheet size 14x48 in kg.	Gauge no.	Imperial standard wire Gauge I.s.w.g.	
66	37.309	0000	0.400	10.160
57	34.698	000	0.372	9.449
50	32.459	00	0.348	8.839
43	30.220	0	0.324	8.230
37	27.982	1	0.300	7.620
31	25.743	2	0.276	7.010
26	23.505	3	0.252	6.401
22	21.639	4	0.232	5.893
19	19.774	5	0.212	5.385
15	17.908	6	0.192	4.877
13	16.416	7	0.176	4.470
11	14.925	8	0.160	4.064
9	13.431	9	0.144	3.658
7	11.939	10	0.128	3.251
6	10.820	11	0.116	2.946
4	9.700	12	0.104	2.642
3.5	8.581	13	0.092	2.337
3	7.462	14	0.080	2.032
2	6.716	15	0.072	1.729
1.5	5.830	16	0.064	1.626
1	5.223	17	0.056	1.422
0.9	4.477	18	0.048	1.219
0.66	3.731	19	0.040	1.016
0.54	3.358	20	0.036	0.914
0.42	2.985	21	0.032	0.813
0.32	2.612	22	0.028	0.711
0.24	2.239	23	0.024	0.610
0.2	2.052	24	0.022	0.559
0.16	1.865	25	0.020	0.508
0.13	1.679	26	0.018	0.457
0.11	1.530	27	0.0164	0.4166
0.09	1.380	28	0.0148	0.3759
0.08	1.268	29	0.0136	0.3454
0.06	1.157	30	0.0124	0.3150
0.055	1.082	31	0.0116	0.2946
0.05	1.007	32	0.0108	0.2743
0.04	0.933	33	0.0100	0.2540
0.035	0.858	34	0.0092	0.2337
0.03	0.783	35	0.0084	0.2134
0.024	0.709	36	0.0076	0.1930
0.02	0.634	37	0.0068	0.1727
0.015	0.560	38	0.0060	0.1524
0.01	0.485	39	0.0052	0.1321
0.009	0.448	40	0.0048	0.1219
-----	0.410	41	0.0044	0.1120
0.006	0.373	42	0.0040	0.1020
-----	0.336	43	0.0036	0.0915
0.004	0.298	44	0.0032	0.0815
-----	0.261	45	0.0028	0.0711
0.002	-----	46	0.0024	0.0610
-----	-----	47	0.0020	0.0508
0.001	-----	48	0.0016	0.0406
-----	-----	49	0.0012	0.0305
0.0005	-----	50	0.0010	0.0254

(Weight of Brass Flat per ft. in kgs.)

Inches	1/8"	3/16"	1/4"	3/8"	1/2"
1/4"	0.050	0.075	0.100	0.150	0.200
3/8"	0.075	0.112	0.150	0.225	0.300
1/2"	0.100	0.150	0.200	0.300	0.400
5/8"	0.125	0.187	0.250	0.375	0.500
3/4"	0.150	0.225	0.300	0.450	0.600
1"	0.200	0.300	0.400	0.600	0.800
1 1/4"	0.250	0.374	0.500	0.750	1.000
1 1/2"	0.300	0.448	0.600	0.900	1.200
2"	0.400	0.599	0.800	1.200	1.600
2 1/4"	0.450	0.673	0.900	1.350	1.800
2 1/2"	0.500	0.748	1.000	1.500	2.000
2 3/4"	0.550	0.873	1.100	1.650	2.200
3"	0.600	0.897	1.200	1.800	2.400
3 3/4"	0.650	0.972	1.300	1.950	2.600
3 1/2"	0.700	1.047	1.400	2.100	2.800
3 3/4"	0.750	1.122	1.500	2.250	3.000
4"	0.800	1.197	1.600	2.400	3.200