硬銅單線 軟銅單線 HARD-DRAWN AND SOFT COPPER WIRE

CNS 666、1364 ： JIS C3101、C3102

直徑 Diameter	公差 Tolerance	參考值 Reference		最小導電率 Min. Conductivity		最小抗張強度 Min. Tensile Strength	最小伸長率 Min. Elongation (250mm)		參考值 Reference		
		截面積 Cross Sectional Area	重量 Weight	軟 Soft	硬 Hard	硬 Hard	軟 Soft	硬 Hard	最小拉斷力 Min. Breaking Load 硬 Hard	最大導體電阻 Resistance 20℃ Max. 軟 Soft	硬 Hard
mm	(±) mm	mm^2	kg/km	%	%	kg/mm^2	%	%	kg	Ω/km	Ω/km
12.00	0.06	113.1	1,005	100	97.0	33.9	35	3.12	3830	0.1524	0.1572
10.00	0.06	78.54	698.2	100	97.0	36.1	35	2.64	2840	0.2195	0.2263
9.00	0.06	63.62	565.6	100	97.0	37.2	35	2.40	2370	0.2710	0.2794
8.00	0.06	50.27	446.9	100	97.0	38.3	35	2.16	1930	0.3430	0.3536
7.00	0.06	38.48	342.1	100	97.0	39.4	30	1.92	1520	0.4481	0.4619
6.50	0.06	33.18	295.0	100	97.0	40.0	30	1.80	1330	0.5196	0.5357
6.00	0.06	28.27	251.3	100	97.0	40.5	30	1.68	1140	0.6099	0.6287
5.50	0.04	23.76	211.2	100	97.0	41.1	30	1.56	977	0.7256	0.7481
5.00	0.04	19.64	174.6	100	97.0	41.6	30	1.44	817	0.8779	0.9050
4.50	0.04	15.90	141.4	100	97.0	42.2	30	1.32	671	1.084	1.118
4.30	0.04	14.52	129.1	100	97.0	42.4	30	1.27	616	1.189	1.224
4.00	0.04	12.57	111.7	100	97.0	42.7	30	1.20	537	1.372	1.414
3.70	0.04	10.75	95.57	100	97.0	43.0	30	1.13	462	1.607	1.653
3.50	0.04	9.621	85.53	100	97.0	43.3	30	1.08	417	1.792	1.847
3.20	0.04	8.042	71.49	100	97.0	43.6	30	1.01	351	2.144	2.210
2.90	0.03	6.605	58.72	100	97.0	43.9	30	0.94	290	2.610	2.691
2.60	0.03	5.309	47.20	100	97.0	44.2	30	0.86	235	3.248	3.348
2.30	0.03	4.155	36.94	100	97.0	44.6	30	0.79	185	4.150	4.278
2.00	0.03	3.142	27.93	100	97.0	44.9	30	0.72	141	5.487	5.657
1.80	0.03	2.545	22.63	100	96.0	45.1	25	0.67	115	6.775	7.057
1.60	0.03	2.011	17.88	100	96.0	45.3	25	0.62	91.1	8.574	8.931
1.40	0.03	1.539	13.68	100	96.0	45.6	25	0.58	70.2	11.20	11.67
1.20	0.03	1.131	10.05	100	96.0	45.8	25	0.53	51.8	15.24	15.88
1.00	0.03	0.7854	6.982	100	96.0	46.0	25	0.48	36.1	21.95	22.87
0.90	0.02	0.6362	5.656	100	96.0	46.1	25	0.46	29.3	27.10	28.23
0.80	0.02	0.5027	4.469	100	96.0	46.2	25	0.43	23.2	34.30	35.73
0.70	0.02	0.3848	3.421	100	96.0	46.3	20	0.41	17.8	44.81	46.67
0.65	0.02	0.3318	2.950	100	96.0	46.4	20	0.40	15.4	51.96	54.13
0.60	0.02	0.2827	2.513	100	96.0	46.4	20	0.38	13.1	60.99	63.53
0.55	0.02	0.2376	2.112	100	96.0	46.5	20	0.37	11.0	72.56	75.59
0.50	0.01	0.1964	1.746	100	96.0	46.6	20	0.36	9.15	87.79	91.44
0.45	0.01	0.1590	1.414	99.3	96.0	46.6	20	0.35	7.41	109.2	113.0
0.40	0.01	0.1257	1.117	99.3	96.0	46.7	20	0.34	5.87	138.1	142.9
0.35	0.01	0.9621	0.8553	99.3	—	—	20	—	—	180.5	—
0.32	0.01	0.08042	0.7149	99.3	—	—	20	—	—	215.9	—
0.29	0.01	0.06605	0.5872	98	—	—	20	—	—	266.4	—
0.26	0.01	0.05309	0.4720	98	—	—	15	—	—	331.4	—
0.23	0.008	0.04155	0.3694	98	—	—	15	—	—	423.4	—
0.20	0.008	0.03142	0.2793	98	—	—	15	—	—	559.9	—
0.18	0.008	0.02545	0.2263	98	—	—	15	—	—	691.3	—
0.16	0.008	0.02011	0.1788	98	—	—	15	—	—	874.9	—
0.14	0.008	0.01539	0.1368	98	—	—	15	—	—	1,143	—
0.12	0.008	0.01131	0.1005	98	—	—	15	—	—	1,556	—
0.10	0.008	0.007854	0.06982	98	—	—	15	—	—	2,240	—