

**STRANDED HARD DRAWN COPPER CONDUCTOR SIZES**

METRIC			IMPERIAL		
Stranding	Conductor O.D		Stranding	Conducting O.D.	
	mm	Inches		mm	Inches
7/1.00	3.00	0.118	7/036	2.7	0.108
7/1.25	3.75	0.148	7/048	3.7	0.144
7/1.75	5.25	0.207	7/064	4.9	0.192
7/2.0	6.00	0.236	7/080	6.1	0.24
7/2.75	8.25	0.325	19/064	8.1	0.32
19/1.75	8.75	0.345	7/118	9	0.354
19/2	10.00	0.394	7/136	10.3	0.408
7/3.5	10.50	0.413	19/083	12.8	0.415
37/1.75	12.25	0.484	37/072		0.504
19/2.75	13.75	0.541		14.7	
19/3.00	15.00	0.591	19/116	16.5	0.58
37/2.50	17.50	0.689	37/093	18.3	0.651
37/2.75	19.25	0.758	37/103	21	0.721
37/3.00	21.00	0.827	37/118	26	0.826
61/2.75	24.75	0.974	91/093		1.023

**AUSTRALIAN STANDARD METRIC CONDUCTORS**

**SC/GZ – STEEL CONDUCTOR/GALVANISED – AUSTRALIAN STANDARD – AS1222**

**PART 1**

Strands/Wire Diameter/mm	Overall Diameter (approx) mm	Calculated Equivalent Aluminium Area mm <sup>2</sup>	Sectional Area mm <sup>2</sup>	Calculated Minimum Breaking Load kN	Approximate Mass per Km kg
3/2.00	4.31	1.56	9.425	11.7	75.5
3/2.75	5.93	2.95	17.82	22.2	139
7/2.00	6	3.62	21.99	27.4	177
7/2.75	8.25	6.85	41.58	51.8	326
7/3.25	9.75	9.56	58.07	72.3	460
7/3.75	11.3	12.7	77.31	96.2	609
19/2.00	10	9.79	59.69	74.4	483
19/2.75	13.8	18.5	112.9	141	888
19/3.25	16.3	25.8	157.6	196	1250