

# CONDUCTORS - STEEL

Diameters (mm)	Stranding Number and Wire Diameters		Cross Section (mm <sup>2</sup> )	Breaking Load		Weight (kg/mt)	Current Rating Amps
	No.	(mm)		(kg)	(kN)		
4.19	1	4.19	13.78	1920	18.835	0.108	
4.87	7	1.62	14.42	1980	19.423	0.115	
5.10	7	1.70	15.88	2280	22.367	0.127	
5.40	7	1.80	17.78	2490	24.426	0.142	
5.58	3	2.60	15.92	2220	21.778	0.127	
6.00	7	2.00	22.00	3065	30.067	0.176	
6.09	7	2.03	22.61	3150	30.901	0.181	
6.30	7	2.10	24.22	3378	33.138	0.194	
6.36	7	2.12	24.70	3310	32.471	0.197	
6.50	7	2.17	25.83	3600	35.316	0.206	
7.00	7	2.33	29.82	4150	40.711	0.249	
7.08	7	2.36	30.62	4260	41.790	0.245	
7.50	7	2.50	34.35	4791	46.999	0.275	
7.77	7	2.59	36.87	5120	50.227	0.295	
7.80	7	2.60	37.20	5185	50.864	0.299	
7.92	7	2.64	38.29	5341	52.395	0.306	
8.00	19	1.60	38.20	5272	51.718	0.305	
8.04	7	2.68	39.50	5290	51.895	0.316	
8.07	7	2.69	39.76	5546	54.406	0.318	
8.40	7	2.80	43.10	6013	58.987	0.344	
8.75	3	4.06	38.89	5425	52.230	0.311	
8.76	7	2.92	46.87	6650	65.237	0.375	
8.84	7	2.95	47.84	6800	66.708	0.383	
9.00	19	1.80	48.30	6676	65.492	0.387	
9.00	7	3.00	49.48	6902	67.709	0.395	
9.15	7	3.05	51.14	7100	69.651	0.409	
9.24	7	3.08	52.20	6990	68.572	0.417	
9.30	7	3.10	52.83	7150	70.142	0.422	
9.51	7	3.17	55.23	7704	75.576	0.442	
9.54	7	3.18	55.58	7753	76.057	0.445	
9.60	7	3.20	56.28	7851	77.018	0.450	
9.69	7	3.23	57.35	8000	78.480	0.459	
9.75	7	3.25	58.07	8100	79.461	0.465	
10.00	19	2.00	59.70	8237	80.805	0.477	
10.50	19	2.10	65.14	9072	88.996	0.521	
10.56	7	3.52	68.10	9130	89.565	0.544	
10.80	7	3.60	71.19	10310	101.141	0.570	
10.97	7	3.66	73.64	9850	96.628	0.589	
11.00	19	2.20	72.20	9967	97.776	0.577	
11.04	7	3.68	74.71	10380	101.827	0.595	
11.50	19	2.30	78.94	10893	106.860	0.631	
11.68	19	2.34	81.70	11300	110.853	0.654	
11.81	19	2.36	83.11	11450	112.324	0.665	
12.00	19	2.40	85.88	11862	116.366	0.686	
12.18	7	4.06	90.62	12650	124.096	0.725	
12.34	7	4.13	93.77	12700	124.587	0.750	
12.50	19	2.50	93.27	12871	126.264	0.745	
12.57	7	4.19	96.46	13320	130.669	0.771	
12.70	19	2.54	96.27	13300	130.473	0.770	
13.00	19	2.60	100.00	14730	144.501	0.800	
13.20	19	2.64	104.00		140.773	0.832	
13.40	19	2.68	107.00	14360	140.872	0.856	
13.53	27	2.20	102.60	14158	138.889	0.820	
14.00	19	2.80	116.85	15400	151.074	0.934	
14.25	19	2.85	120.00	17670	173.342	0.960	
14.36	19	2.87	122.91	18080	177.364	0.984	
14.40	37	2.05	122.10	17920	175.795	0.978	
14.75	19	2.95	130.00	19140	187.763	1.039	
15.00	19	3.00	134.29	18532	181.799	1.073	
15.57	7	5.19	148.08	20700	203.067	1.185	
15.75	19	3.15	148.10	21810	213.956	1.185	
16.30	19	3.26	158.59	22200	217.782	1.270	
16.80	19	3.36	168.80	23500	230.535	1.350	
18.32	19	3.66	199.89	28000	274.680	1.600	
19.05	19	3.81	216.61	30200	296.262	1.732	
20.57	19	4.11	250.07	35000	343.350	2.003	