

## CONDUCTORS - ALUMINIUM STEEL REINFORCED (ACSR)

Code	Name	Diameters		Stranding Number and Wire Diameters				Cross Section (mm <sup>2</sup> )			Breaking Load		Weight (kg/mt)	Current Rating Amps
		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
Wren		3.99	1.33	6	1.33	1	1.30	8.37	1.39	9.76	340	3.335	0.034	75
Warbler		4.48	1.49	6	1.49	1	1.49	10.50	1.75	12.25	420	4.120	0.042	87
Mole		4.49	1.49	6	1.49	1	1.49	10.57	1.76	12.33	415	4.071	0.042	87
		4.80	1.60	6	1.60	1	1.60	12.06	2.10	14.07	435	4.267	0.049	
Turkey		5.02	1.67	6	1.67	1	1.67	15.48	2.20	17.68	530	5.200	0.054	100
		5.10	1.70	6	1.70	1	1.70	13.62	2.27	15.89	491	4.816	0.055	
		5.40		6	1.80	1	1.80	15.24	2.54	17.78	550	5.395	0.061	
Colibri		5.52	1.84	6	1.84	1	1.84	15.95	2.66	18.61	630	6.180	0.064	
Thrush		5.67	1.89	6	1.89	1	1.89	16.77	2.81	19.58	660	6.474	0.068	120
		5.70	1.90	6	1.90	1	1.90	16.98	2.83	19.81	605	5.935	0.096	
		6.00	2.00	6	2.00	1	2.00	18.84	3.14	21.98	670	6.572	0.076	
		6.32	2.10	6	2.10	1	2.10	20.77	3.46	23.87	780	7.653	0.084	
Squirrel		6.33	2.11	6	2.11	1	2.11	21.06	3.51	24.56	780	7.651	0.085	130
Magpie		6.35	-	3	2.10	4	2.10	10.46	13.95	24.42	1889	18.534	0.094	92
Swan		6.35	2.11	6	2.11	1	2.11	21.16	3.52	24.68	830	8.143	0.085	130
Swanate		6.52	2.61	7	1.96	1	2.61	21.16	5.36	26.51	1038	10.184	0.099	
		6.75	2.25	6	2.25	1	2.25	23.88	3.98	27.86	848	8.319	0.096	
Rondine		6.96	2.32	6	2.32	1	2.32	25.36	4.23	29.59	965	9.467	0.102	
		7.05	2.35	6	2.35	1	2.35	26.04	4.34	30.38	926	9.084	0.105	
Gopher		7.08	2.36	6	2.36	1	2.36	26.45	3.87	30.32	957	9.390	0.105	150
Swallow		7.14	2.38	6	2.36	1	2.36	26.67	4.44	31.11	1015	9.957	0.108	150
		7.50	2.50	6	2.50	1	2.50	29.46	4.91	34.37	1048	10.280	0.119	
Weasel		7.77	2.59	6	2.59	1	2.59	31.61	5.26	36.54	1153	11.313	0.127	170
Shrike		8.02	-	3	2.66	4	2.66	16.75	22.33	39.08	2907	28.523	0.221	122
Sparrow		8.02	2.67	6	2.67	1	2.67	33.61	5.60	39.21	1265	12.412	0.135	180
		8.10	2.70	6	2.70	1	2.70	34.26	5.71	39.97	1222	11.988	0.138	
Sparate		8.25	3.29	7	2.47	1	3.29	33.61	8.54	42.12	1599	15.689	0.158	
Fox		8.38	2.79	6	2.79	1	2.79	36.77	6.13	42.90	1350	13.246	0.148	190
		8.40	2.80	6	2.80	1	2.80	36.96	6.16	43.12	1314	12.890	0.149	
Fringuello		8.70	2.90	6	2.90	1	2.90	39.63	6.61	46.23	1470	14.421	0.160	
Ferret		8.99	2.99	6	2.99	1	2.99	42.27	7.04	49.03	1546	15.169	0.171	210
Robin		9.01	3.00	6	3.00	1	3.00	42.38	7.07	49.48	1578	15.483	0.171	210
Grouse		9.32	4.24	8	2.54	1	4.24	40.51	14.11	54.62	2358	23.136	0.221	195
		9.45	3.15	6	3.15	1	3.15	46.80	7.80	54.60	1600	15.696	0.189	
		9.60	3.20	6	3.20	1	3.20	48.60	8.05	56.65	1624	15.931	0.196	
Rabbit		10.05	3.35	6	3.35	1	3.35	52.97	8.83	61.80	2057	20.183	0.214	240
		10.08	3.36	1	3.36	1	3.36	53.22	8.87	62.09	1890	18.541	0.215	
Raven		10.10	3.37	6	3.37	1	3.37	53.50	8.91	62.38	1941	19.045	0.216	240
Snipe		10.10	-	3	3.35	4	3.35	26.47	35.29	61.76	4486	44.016	0.354	162
Corvo		10.32	3.44	6	3.44	1	3.44	55.76	9.29	65.05	2005	19.669	0.225	
Gufo		10.44	3.84	26	1.65	7	1.28	55.60	9.03	64.72	2144	21.036	0.235	
		10.50	4.50	30	1.50	7	1.50	53.01	12.37	65.38	2416	23.701	0.245	
Shoebill		10.54	-	3	3.50	4	3.50	28.93	38.57	67.50	4867	47.843	0.259	
Savo		10.60	6.36	12	2.12	7	2.12	42.36	24.71	67.07	3770	36.991	0.317	
		10.65	3.55	6	3.55	1	3.55	59.40	99.00	69.30	2040	20.100	6.750	
		10.75	6.75	13	2.00	7	2.25	40.84	27.83	68.87	3700	36.297	0.335	
Merlo		10.78	4.62	30	1.54	7	1.54	55.74	13.01	68.75	2608	25.589	0.245	
		10.95	3.65	6	3.65	1	3.65	62.82	10.47	73.29	2216	21.739	0.254	
Mink		10.98	3.66	6	3.66	1	3.66	63.03	10.51	73.54	2250	22.077	0.254	260
		11.20	4.80	30	1.60	7	1.60	60.32	14.07	74.39	2619	25.692	0.278	
Quail		11.35	3.78	6	3.78	1	3.78	67.41	11.24	78.64	2454	23.784	0.272	270
		11.40	4.20	26	1.80	7	1.40	66.16	10.78	76.94	2456	24.093	0.269	
		11.50	6.90	12	2.30	7	2.30	49.86	29.09	78.95	4290	42.085	0.367	
		11.55	4.35	26	1.80	7	1.45	66.16	11.56	77.72	2578	25.290	0.277	
		11.70	5.40	8	3.15	7	1.80	62.30	17.80	80.10	2880	28.253	0.314	

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		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
Petrel		11.70	7.02	12	2.34	7	2.34	51.61	30.10	81.71	4472	43.879	0.254	232
		11.80	7.08	12	2.36	7	2.36	52.49	30.61	83.10	4750	46.595	0.386	
		11.90	7.14	12	2.38	7	2.38	53.38	31.14	84.52	4535	44.488	0.392	
		11.90	5.10	30	1.70	7	1.70	68.09	15.89	83.98	3104	30.450	0.314	
Beaver		11.96	3.98	6	3.98	1	3.98	74.90	12.48	87.41	2601	25.521	0.302	290
		12.00	4.00	6	4.00	1	4.00	75.30	12.55	87.85	2530	24.819	0.304	
Minorca		12.20	7.32	12	2.44	7	2.44	56.14	32.76	88.90	4876	47.775	0.410	244
Raccoon		12.26	4.09	6	4.09	1	4.09	78.73	12.90	91.03	2738	26.865	0.318	300
Quaglia		12.33	4.11	6	4.11	1	4.11	79.60	13.27	92.86	2820	27.664	0.321	
Fagiano		12.33	4.11	6	4.11	7	1.37	79.59	10.29	89.88	2503	24.559	0.306	
Colombo		12.47	4.59	26	1.97	7	1.53	79.17	12.87	92.04	2971	29.151	0.324	
		12.60	6.30	9	3.15	7	2.10	70.10	24.20	94.30	3680	36.100	0.386	
		12.60	5.40	30	1.80	7	1.80	76.34	17.81	94.15	3315	32.520	0.353	
		12.60	7.56	12	2.52	7	2.52	59.85	34.91	94.76	5320	52.189	0.440	
Otter		12.64	4.21	6	4.21	1	4.21	83.73	13.54	97.74	2909	28.543	0.338	310
		12.65	7.59	12	2.53	7	2.53	60.32	35.19	95.51	6100	59.841	0.444	
		12.68	4.68	26	2.00	7	1.56	81.68	13.38	95.06	2879	28.243	0.333	
Pigeon		12.75	4.24	6	4.24	1	4.24	85.03	14.15	99.22	3027	29.700	0.343	320
		12.81	5.49	30	1.83	7	1.83	78.91	18.41	97.32	3505	34.384	0.364	
Cincia		12.88	5.52	30	1.84	7	1.84	79.74	18.61	93.35	3694	36.245	0.372	
Skunk		12.95	7.77	12	2.59	7	2.59	63.12	36.82	99.94	5280	51.807	0.464	270
		13.00	7.80	12	2.60	7	2.60	63.71	37.16	100.87	5510	54.053	0.468	
		13.30	5.70	30	1.90	7	1.90	85.06	19.85	104.91	3836	37.631	0.393	
		13.32	4.92	26	2.10	7	1.64	90.05	14.79	104.84	3314	32.510	0.368	
Leghorn		13.45	8.07	12	2.69	7	2.69	68.20	39.80	108.00	5860	57.498	0.499	275
Cat		13.48	4.49	6	4.29	1	4.49	95.19	15.96	111.86	3275	32.134	0.385	340
		13.50	9.00	15	2.25	19	1.80	59.60	48.30	107.90	6050	59.350	0.539	
		13.60	5.01	26	2.15	7	1.67	94.39	15.33	109.72	3570	35.022	0.383	
Horse		13.95	8.37	12	2.79	7	2.79	73.29	42.90	116.20	6100	59.853	0.540	300
		14.00	10.00	18	2.00	19	2.00	56.50	59.70	116.20	7300	71.613	0.634	
		14.00	6.00	30	2.00	7	2.00	94.25	21.99	116.24	4046	39.691	0.435	
Hare		14.16	4.72	6	4.72	1	4.72	105.20	17.50	122.70	3815	37.425	0.424	360
Dog		14.17	4.72	6	4.72	7	1.57	105.16	13.57	118.80	3311	32.487	0.395	360
		14.21	6.09	30	2.03	7	2.03	97.10	22.66	119.70	3696	36.265	0.425	
Penguin		14.30	4.77	6	4.77	1	4.77	107.10	17.86	125.10	3819	37.472	0.433	370
		14.50	8.70	12	2.90	7	2.90	79.29	46.24	125.50	6820	66.094	0.482	
		14.50	5.34	26	2.29	7	1.78	107.06	17.41	124.47	4250	41.692	0.435	
Hyena		14.57	5.79	7	4.39	7	1.93	106.20	20.51	126.70	4152	40.739	0.467	360
Sparviero		14.58	4.86	6	4.86	7	1.62	111.20	14.45	125.70	3504	34.381	0.426	
Canarino		14.58	4.86	6	4.86	1	4.86	111.30	18.55	129.85	3550	34.825	0.592	
Guinea		14.60	8.76	12	2.92	7	2.92	80.56	46.98	127.54	6894	67.643	0.589	304
		14.60	5.40	26	2.30	7	1.80	107.90	17.78	125.68	3600	35.316	0.441	
		14.70	6.30	30	2.10	7	2.10	103.90	24.25	128.15	4589	45.018	0.480	
Pernice		14.75	5.43	26	2.33	7	1.85	110.70	18.02	128.70	4091	40.140	0.454	
Auk		14.85	6.75	8	4.05	7	2.25	102.86	27.78	130.64	5035	49.403	0.511	346
		15.00	9.00	12	3.00	7	3.00	84.82	49.48	134.30	7090	69.553	0.624	
Civetta		15.19	6.51	30	2.17	7	2.17	110.90	25.88	136.70	4890	47.980	0.518	
Dotterel		15.40	9.24	12	3.08	7	3.08	89.90	52.13	141.93	7457	73.168	0.656	325
Waxwing		15.46	3.09	18	3.09	1	3.09	135.10	7.50	142.60	3225	31.643	0.431	420
		15.65	5.85	26	2.45	7	1.95	122.60	20.90	143.50	4716	46.264	0.508	
		15.75	11.25	18	2.25	19	2.25	71.60	75.54	147.10	9100	89.271	0.802	
Porjus		15.75	6.75	30	2.25	7	2.25	119.20	27.82	147.00	5445	53.426	0.557	
Leopard		15.81	5.25	6	5.28	7	1.75	131.40	16.87	148.38	4143	40.651	0.494	410
		15.85	5.85	26	2.50	7	1.95	127.60	20.91	148.51	4630	45.420	0.520	
Coyote		15.87	5.71	26	2.54	7	1.90	131.40	19.99	151.60	4835	47.441	0.520	420

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		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
		15.89	6.81	30	2.27	7	2.27	121.41	28.33	149.74	5335	52.336	0.560	
Dorking		16.00	9.60	12	3.20	7	3.20	96.68	56.41	153.90	8042	79.908	0.708	339
Owl		16.08	5.36	6	5.36	7	1.70	135.20	17.50	152.70	4374	42.917	0.508	420
		16.10	6.90	30	2.30	7	2.30	124.60	29.10	153.70	5161	50.629	0.576	
		16.10	11.50	18	2.30	19	2.30	74.78	78.94	153.72	10432	102.338	0.838	
Partridge		16.28	6.00	26	2.57	7	2.00	135.20	22.00	156.77	5100	50.041	0.546	420
		16.40	6.00	26	2.60	7	2.00	138.00	21.99	159.99	4810	47.186	0.558	
		16.45	7.05	30	2.35	7	2.35	130.11	30.36	160.47	5747	56.378	0.600	
Tiger		16.53	7.08	30	2.36	7	2.36	131.61	30.64	161.93	5761	56.526	0.605	420
		16.66	7.14	30	2.38	7	2.38	133.44	31.13	164.57	5920	58.075	0.616	
		16.68	6.12	26	2.64	7	2.04	142.20	22.82	165.02	5140	50.423	0.577	
		16.73	4.89	22	2.96	7	1.63	151.38	14.60	165.88	4270	41.888	0.555	
Junco		16.80	7.20	30	2.40	7	2.40	135.70	31.66	167.36	5600	54.936	0.627	
		16.80	12.00	18	2.40	19	2.40	81.43	85.95	167.38	12360	121.251	0.913	
Cochin		16.85	10.11	12	3.37	7	3.37	107.09	62.48	169.03	8908	87.405	0.784	356
		17.10	6.30	26	2.70	7	2.10	148.90	24.20	173.10	5700	55.917	0.605	
Struzzo		17.24	6.36	26	2.72	7	2.12	150.96	24.74	175.48	5348	52.474	0.621	
		17.25	6.45	26	2.70	7	2.15	148.90	25.41	174.30	5580	54.740	0.617	
Ostrich		17.28	6.36	26	2.73	7	2.12	151.61	24.71	176.77	5737	56.291	0.613	460
Merlin		17.37	3.47	18	3.47	1	3.47	170.32	9.46	179.35	3912	38.384	0.543	480
		17.50	7.50	30	2.50	7	2.50	147.25	34.35	181.60	5960	58.467	0.680	
		17.50	10.50	12	3.50	7	3.50	115.50	67.35	182.85	5990	58.762	0.849	
		17.54	12.00	16	2.77	19	2.40	96.50	86.30	182.80	12500	122.625	0.945	
Oden		17.60	10.56	12	3.52	7	3.52	116.77	68.12	185.16	9652	94.705	0.574	
		17.60	6.60	26	2.75	7	2.20	154.42	26.60	181.03	5900	57.879	0.642	
		17.64	7.56	30	2.52	7	2.52	149.63	34.91	184.54	6575	64.500	0.690	
Gru		17.71	7.59	30	2.53	7	2.53	150.32	35.18	185.80	6536	64.131	0.705	
		17.74	6.54	26	2.80	7	2.18	160.10	26.13	186.23	5633	55.259	0.651	
Piper		17.78	7.62	30	2.54	7	2.54	151.61	35.50	187.09	6895	67.653	0.711	460
Brahma		18.12	12.40	16	2.86	19	2.48	102.58	91.87	194.83	12475	122.404	1.005	
Wolf		18.13	7.77	30	2.59	7	2.59	158.06	36.90	194.83	6880	67.506	0.729	470
		18.20	7.80	30	2.60	7	2.60	159.28	37.16	196.44	6838	67.080	0.735	
		18.27	13.05	18	2.61	19	2.61	96.30	101.65	197.65	15800	154.998	1.080	
Linnet		18.31	6.75	26	2.89	7	2.25	170.32	27.74	198.06	6373	62.531	0.688	490
		18.35	6.75	26	2.90	7	2.25	171.74	27.83	199.57	6020	59.056	0.697	
		18.80	7.20	26	2.90	7	2.40	171.74	31.70	203.44	6500	63.765	0.732	
Oriole		18.83	8.07	30	2.69	7	2.69	170.32	39.80	209.67	7729	75.836	0.784	490
Chickadee		18.87	3.77	18	3.77	1	3.77	201.29	11.18	212.25	4554	44.683	0.641	530
		18.90	8.10	30	2.70	7	2.70	171.80	40.10	211.90	6959	68.267	0.793	
		18.90	6.30	54	2.10	7	2.10	187.00	24.25	211.25	5842	57.310	0.708	
		18.99	14.77	24	2.11	37	2.11	83.90	129.30	213.00	16000	156.960	1.270	
		19.02	7.02	26	3.00	7	2.34	183.80	30.10	213.90	6460	63.372	0.748	
		19.20	7.20	26	3.00	7	2.40	183.80	31.70	215.50	6926	67.944	0.762	
		19.20	11.50	12	3.85	19	2.30	139.69	78.94	218.63	11300	110.853	1.015	
		19.24	10.35	10	4.44	7	3.45	154.83	65.44	220.27	10050	98.590	0.950	
		19.35	10.75	42	2.15	19	2.15	152.46	68.97	221.43	11400	111.834	0.970	
Zigolo		19.38	7.14	26	3.06	7	2.38	190.96	31.16	221.93	6677	65.514	0.785	
Lynx		19.56	8.38	30	2.79	7	2.70	182.58	42.90	227.07	7951	78.015	0.848	520
		19.60	8.40	30	2.80	7	2.80	184.70	43.10	227.80	7360	72.201	0.854	
Brant		19.60	6.53	24	3.26	7	2.17	201.29	26.09	227.09	6663	65.377	0.761	
		19.74	15.00	22	2.37	19	3.00	101.17	134.29	235.46	20500	201.105	1.350	
Ibis		19.88	7.32	26	3.14	7	2.44	201.29	32.80	234.19	7343	72.049	0.813	540
Ghiandaia		19.95	8.55	30	2.85	7	2.85	190.96	44.60	235.48	8522	80.998	0.895	
		20.02	8.58	30	2.96	7	2.86	192.72	44.97	237.69	7690	75.439	0.891	
		20.09	8.01	30	2.87	7	2.87	194.08	45.28	239.36	8530	83.679	0.896	

## CONDUCTORS - ALUMINIUM STEEL REINFORCED (ACSR)

Code	Name	Diameters		Stranding Number and Wire Diameters				Cross Section (mm <sup>2</sup> )			Breaking Load		Weight (kg/mt)	Current Rating Amps
		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
		20.25	6.75	54	2.75	7	2.25	214.71	27.83	242.54	6757	66.286	0.813	
		20.27	7.47	26	3.20	7	2.49	209.10	34.09	243.19	7331	71.917	0.852	
		20.30	7.50	26	3.20	7	2.50	209.10	34.36	243.46	7240	71.024	0.855	
		20.30	8.70	30	2.90	7	2.90	198.20	46.24	244.44	8620	84.562	0.916	
Lark		20.44	8.76	30	2.92	7	2.92	201.29	47.00	248.38	9063	88.926	0.925	550
		20.45	7.65	26	3.20	7	2.55	209.10	35.75	244.85	7845	76.959	0.865	
		20.55	8.19	28	3.09	7	2.73	211.30	41.60	252.90	7200	70.632	0.895	
Pelican		20.67	4.13	18	4.13	1	4.13	241.29	13.41	254.83	5384	52.827	0.770	600
		20.70	6.90	54	2.30	7	2.30	224.40	29.08	253.50	7008	68.748	0.850	
		20.90	10.60	36	2.56	12	2.56	185.40	61.80	247.20	9520	93.391	1.015	
Panther		21.00	9.00	30	3.00	7	3.00	211.61	49.40	261.29	9165	89.926	0.976	560
		21.00	15.00	18	3.00	19	3.00	127.20	134.20	261.40	17500	171.675	1.425	
Flicker		21.49	7.16	24	3.58	7	2.38	241.29	31.03	272.90	7801	76.543	0.913	610
		21.52	7.92	26	3.40	7	2.64	236.06	38.32	274.38	8051	78.980	0.960	
		21.60	16.80	24	2.40	37	2.40	108.57	167.38	275.95	26000	255.060	1.645	
Rigogolo		21.66	7.98	26	3.42	7	2.66	238.71	38.88	277.41	8774	86.090	0.980	
		21.70	8.10	26	3.40	7	2.70	236.06	40.08	276.06	8822	86.543	0.975	
Hawk		21.80	8.04	26	3.44	7	2.68	241.29	39.35	280.64	8813	86.473	0.976	610
Groningen		21.80	6.12	48	2.62	7	2.04	258.76	22.87	281.65	7330	71.907	0.900	
		22.05	9.45	30	3.15	7	3.15	233.80	54.55	288.35	9220	90.448	1.078	
		22.10	8.10	26	3.50	7	2.70	250.10	40.08	290.18	8590	84.267	1.010	
		22.20	11.30	36	2.72	12	2.72	209.20	69.70	278.90	10800	105.948	1.194	
Lion		22.22	9.52	30	3.17	7	3.17	237.41	55.93	292.90	10215	100.229	1.095	610
Fanello		22.26	9.54	30	3.18	7	3.18	238.06	55.59	293.54	10206	100.141	1.114	
Osprey		22.32	4.46	18	4.46	1	4.46	281.93	15.64	297.41	6282	61.638	0.898	660
Hen		22.40	9.60	30	3.20	7	3.20	241.29	56.38	298.06	10570	103.712	1.111	610
		22.45	11.25	36	2.80	19	2.25	222.00	75.00	297.00	13600	133.416	1.211	
		22.50	12.50	42	2.50	19	2.50	205.80	93.10	298.90	18200	179.542	1.310	
		22.50	7.50	54	2.50	7	2.50	265.07	34.36	299.43	8430	82.698	1.005	
		22.54	9.66	30	3.22	7	3.22	244.30	57.00	301.30	10625	104.231	1.130	
		22.70	11.50	36	2.80	19	2.30	221.67	78.94	300.61	14000	137.340	1.225	
		22.80	8.40	26	3.60	7	2.80	264.60	43.10	307.70	9148	89.741	1.075	
Heron		22.96	9.84	30	3.28	7	3.28	252.90	59.10	312.25	11045	108.373	1.185	630
		23.10	9.90	30	3.30	7	3.30	256.60	59.90	316.50	10000	98.100	1.187	
Parakeet		23.21	7.73	24	3.87	7	2.58	281.93	36.58	318.06	9003	88.337	1.066	670
		23.40	7.80	54	2.60	7	2.60	286.70	37.17	323.87	8826	86.583	1.085	
Bear		23.47	10.06	30	3.35	7	3.35	264.51	61.80	326.45	11326	111.130	1.218	650
		23.54	10.10	30	3.36	19	2.02	266.01	60.89	326.90	11200	109.872	1.230	
Dove		23.55	8.67	26	3.72	7	2.89	281.93	45.90	327.74	10160	99.689	1.123	670
Swift		23.62	3.37	36	3.37	1	3.37	321.93	8.94	330.96	6100	59.853	0.958	
Picchio		23.67	7.89	54	2.63	7	2.63	292.90	37.98	390.96	9267	90.927	1.125	
		23.70	12.03	36	2.90	12	2.90	237.66	79.22	316.88	12200	119.692	1.297	
		23.80	10.20	30	3.40	19	2.04	272.38	62.09	334.47	11265	110.509	1.260	
Kingbird		23.87	4.77	18	4.77	1	4.77	321.93	17.89	340.00	7180	70.450	1.028	
Rawang		23.91	5.19	42	3.12	7	1.73	321.10	16.45	337.55	7340	72.005	1.100	
Allodola		24.08	8.88	26	3.80	7	2.96	294.83	48.14	342.58	10170	99.778	1.212	
		24.13	6.75	48	2.09	7	2.25	315.97	27.92	343.89	8932	87.622	1.100	
		24.14	5.03	18	4.77	7	1.67	321.66	15.33	336.99	6986	68.532	1.100	
Peacock		24.20	8.07	24	4.03	7	2.69	306.45	39.74	345.80	9752	95.686	1.159	700
		24.20	9.00	26	3.80	7	3.00	294.90	49.48	344.38	10950	107.419	1.213	
Duck		24.21	8.07	54	2.69	7	2.69	306.45	39.74	345.80	10160	99.689	1.177	700
		24.21	13.45	42	2.69	19	2.69	238.46	107.86	346.32	18000	176.580	1.520	
Eagle		24.22	10.38	30	3.46	7	3.46	281.93	65.80	347.74	12338	121.060	1.297	670
		24.30	8.10	54	2.70	7	2.70	309.18	40.08	349.26	9731	95.461	1.170	
		24.40	9.00	26	3.85	19	1.80	302.68	48.35	351.03	10088	98.963	1.220	

## CONDUCTORS - ALUMINIUM STEEL REINFORCED (ACSR)

Code	Name	Diameters		Stranding Number and Wire Diameters				Cross Section (mm <sup>2</sup> )			Breaking Load		Weight (kg/mt)	Current Rating Amps
		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
		24.50	10.50	30	3.50	7	3.50	288.60	67.35	355.95	12170	119.387	1.332	
Squab		24.53	9.04	26	3.87	7	3.01	306.45	49.80	356.12	10931	107.254	1.239	700
Usignolo		24.71	10.59	30	3.53	7	3.53	293.54	68.51	361.93	12501	122.659	1.373	
Rook		24.80	8.27	24	4.13	7	2.75	321.93	41.81	363.87	10251	100.582	1.218	720
Goose		24.84	8.28	54	2.76	7	2.76	321.93	41.81	366.87	10615	104.154	1.223	720
		24.85	10.65	30	3.55	7	3.55	296.94	69.28	366.22	11700	114.777	1.370	
		25.04	9.24	26	3.95	7	3.08	318.60	52.15	370.75	10830	106.242	1.297	
		25.11	13.95	42	2.79	19	2.79	256.77	116.15	382.92	18600	182.466	1.680	
Grosbeak		25.15	9.27	26	3.97	7	3.09	321.93	52.40	374.19	11340	111.268	1.302	730
Teal		25.25	10.82	30	3.60	19	2.16	306.45	69.61	376.12	13607	133.511	1.398	710
		25.30	9.30	26	4.00	7	3.10	326.80	52.84	379.64	10930	107.223	1.326	
Gull		25.38	8.46	54	2.82	7	2.82	337.42	43.80	381.29	11110	109.011	1.297	740
Flamingo		25.40	8.46	24	4.23	7	2.82	337.42	43.80	381.29	10750	105.479	1.278	740
		25.40	14.10	42	2.82	19	2.82	264.70	118.80	381.50	18500	181.485	1.675	
		25.40	15.40	24	2.20	37	2.20	245.16	140.64	385.80	27000	264.870	1.800	
		25.40	15.40	25	2.80	37	2.20	245.16	140.64	385.80	27000	264.870	1.800	
Gannet		25.75	15.46	26	4.06	7	3.16	337.42	54.95	392.25	11884	116.605	1.365	
		25.80	11.00	30	3.70	19	2.20	322.60	72.20	394.80	12750	125.077	1.449	
		25.90	11.10	30	3.70	7	3.70	322.56	75.26	397.82	12500	122.625	1.490	
Egret		25.69	11.10	30	3.70	19	2.22	283.22	73.30	395.48	14288	140.193	1.470	730
Goat		25.96	11.12	30	3.71	7	3.71	323.87	75.60	399.35	13780	135.209	1.491	730
		26.01	5.61	42	3.40	7	1.87	380.94	19.18	400.12	8200	80.442	1.308	
		26.10	8.70	54	2.90	7	2.90	356.68	46.24	402.92	10981	107.723	1.350	
		26.20	14.55	42	2.91	19	2.91	279.30	126.35	405.65	20350	199.633	1.780	
Crow		26.28	8.76	54	2.92	7	2.92	362.58	47.00	409.03	11929	117.047	1.392	780
Stilt		26.31	8.76	24	4.38	7	2.92	362.58	49.96	409.03	11566	113.485	1.370	
		26.40	12.00	32	3.60	19	2.40	325.72	85.95	411.67	15500	152.055	1.585	
Coot		26.41	3.77	36	3.77	1	3.77	402.58	11.18	413.54	7502	73.609	1.197	
		26.58	13.20	78	2.23	1	2.92	305.00	100.07	405.20	15789	154.890	1.668	
		26.58	13.20	78	2.23	18	2.57	305.00	100.07	405.20	15789	154.890	1.668	
		26.60	9.80	26	4.20	19	1.96	360.21	57.33	417.54	11982	117.543	1.450	
Starling		26.68	9.84	26	4.21	7	3.28	362.58	59.10	421.29	12745	125.053	1.465	780
Antelope		26.74	8.91	54	2.97	7	2.97	374.83	48.45	423.22	12192	119.267	1.421	790
		26.79	5.82	42	3.49	7	1.94	401.50	26.65	422.10	9548	93.666	1.380	
		26.90	11.50	30	3.85	19	2.30	349.25	78.94	428.19	14632	143.540	1.575	
Bison		26.97	8.99	54	3.00	7	3.00	381.29	49.42	430.32	11884	116.605	0.651	800
Tern		27.00	6.75	45	3.37	7	2.25	402.58	27.83	430.32	10387	101.917	1.333	830
Gazza		27.00	9.00	54	3.00	7	3.00	381.29	49.45	430.32	11916	116.919	1.465	
Falcone		27.36	10.08	26	4.32	7	3.36	380.64	62.10	442.58	13109	128.625	1.566	
Redwing		27.43	11.75	30	3.92	19	2.35	362.58	82.41	445.16	15694	153.989	1.653	790
Cuckoo		27.72	9.24	24	4.62	7	3.08	402.58	52.16	454.83	12655	124.170	1.523	
Condor		27.72	9.24	54	3.08	7	3.08	402.58	53.30	454.83	12925	126.820	1.523	830
		27.82	11.90	30	3.98	19	2.38	373.20	84.36	457.56	16000	156.960	1.680	
		27.90	9.30	54	3.10	7	3.10	407.60	52.84	460.44	12270	120.368	1.541	
Sheep		27.91	11.96	30	3.99	7	3.99	374.83	87.48	461.93	15690	153.950	1.727	800
		27.94	7.82	48	3.35	7	2.60	422.88	37.16	460.04	11810	115.856	1.470	
		28.00	12.00	30	4.00	19	2.40	377.00	86.30	463.30	15000	147.150	1.704	
		28.06	13.90	78	2.36	1	3.10	341.20	110.60	451.80	17582	172.479	1.862	
		28.06	13.90	78	2.36	18	2.70	341.20	110.60	451.80	17582	172.479	1.862	
Drake		28.11	10.35	26	4.44	7	3.45	402.58	65.60	468.38	14152	138.831	1.627	830
Airone		28.13	12.05	30	4.02	19	2.41	380.64	86.67	467.09	15907	156.079	1.764	
		28.50	10.50	26	4.50	7	3.50	413.40	67.35	480.75	13890	136.260	1.680	
		28.50	10.50	26	4.50	19	2.10	413.50	65.81	479.31	13919	136.545	1.668	
Zebra		28.62	9.54	54	3.18	7	3.18	427.48	55.42	482.90	13267	130.149	1.617	860
Ruddy		28.72	7.18	45	3.59	7	2.39	455.48	31.52	487.09	11521	113.044	1.510	

## CONDUCTORS - ALUMINIUM STEEL REINFORCED (ACSR)

Code	Name	Diameters		Stranding Number and Wire Diameters				Cross Section (mm <sup>2</sup> )			Breaking Load		Weight (kg/mt)	Current Rating Amps
		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
		28.80	9.60	54	3.20	7	3.20	434.30	56.30	490.60	12950	127.039	1.642	
Mallard		28.95	12.40	30	4.14	19	2.48	402.58	91.90	494.19	17418	170.905	1.837	840
Catbird		28.95	4.11	36	4.11	1	4.11	481.93	13.39	494.83	8854	86.875	1.437	
		28.98	8.10	48	3.48	7	2.70	456.50	40.07	496.62	12675	124.341	1.590	
Crane		29.07	9.69	54	3.23	7	3.23	442.58	57.50	487.09	14242	139.742	1.702	880
		29.30	12.50	30	4.20	19	2.50	415.60	93.26	508.87	17137	168.114	1.870	
		29.40	12.30	66	2.85	19	2.46	421.04	90.30	511.34	17480	171.478	1.872	
Canary		29.52	9.84	54	3.28	7	3.28	455.48	59.10	514.83	14651	143.755	1.724	900
Rail		29.58	7.39	45	3.70	7	2.47	483.22	33.42	516.77	12201	119.716	1.599	920
Deer		29.87	12.80	30	4.27	7	4.27	429.03	100.10	529.03	18193	178.509	1.979	870
Tanager		30.12	4.30	36	4.30	1	4.30	523.22	14.53	538.06	9570	93.900	1.556	
Storno		30.15	10.05	54	3.35	7	3.35	475.48	61.63	537.42	14724	144.471	1.827	
Camel		30.17	10.58	54	3.35	7	3.35	476.12	61.80	538.06	14764	144.864	1.807	920
		30.20	10.00	54	3.37	19	2.00	431.70	59.70	491.40	15400	151.074	1.645	
Cardinal		30.42	10.14	54	3.38	7	3.38	483.22	62.60	545.80	15512	152.203	1.828	930
		30.50	13.85	72	2.77	19	2.77	434.00	144.50	548.50	20000	196.200	2.120	
		30.60	10.20	54	3.40	7	3.40	490.30	63.60	553.90	16600	162.846	1.857	
Ortolan		30.80	7.70	45	3.85	7	2.57	523.22	36.19	559.35	13108	128.615	1.733	970
Elk		31.47	13.48	30	4.49	7	4.49	476.12	111.20	587.74	20193	198.133	2.192	930
		31.50	13.50	30	4.50	19	2.70	477.13	108.80	585.93	20160	197.769	2.153	
		31.50	10.50	54	3.50	7	3.50	519.53	67.32	586.85	15600	153.036	1.965	
		31.50	10.50	54	3.50	19	2.10	519.53	65.81	585.34	16570	162.551	1.960	
		31.50	17.50	42	3.50	19	2.10	404.04	181.18	585.22	31250	306.562	2.565	
		31.50	17.50	42	3.50	12	3.50	404.04	181.18	585.22	31250	306.562	2.565	
		31.54	13.44	42	2.70	37	1.92	480.82	106.93	587.75	24600	241.326	2.186	
		31.54	13.44	23	3.65	37	1.92	280.82	106.93	587.75	24600	241.326	2.186	
Curlew		31.68	10.56	54	3.52	7	3.52	523.22	67.87	590.96	16828	165.116	1.980	980
		31.70	13.30	42	2.70	37	1.90	489.72	104.90	594.62	22000	215.820	2.185	
		31.70	13.30	22	3.80	37	1.90	489.72	104.90	594.62	22000	215.820	2.185	
		31.70	13.30	50	2.10	37	1.90	487.33	104.90	592.23	22000	215.820	2.170	
		31.70	13.30	64	2.50	37	1.90	487.33	104.90	592.23	22000	215.820	2.170	
Moose		31.77	10.59	54	3.53	7	3.53	528.38	68.45	596.77	16465	161.554	2.004	980
		31.80	6.96	42	4.14	7	2.32	565.37	29.59	594.96	12400	121.644	1.945	
Bluejay		31.96	7.99	45	3.99	7	2.66	863.87	39.03	602.58	14016	137.524	1.867	1000
		32.10	13.30	64	2.50	37	1.90	487.33	104.90	592.23	22700	222.687	2.170	
		32.10	13.30	50	2.10	37	1.90	487.33	104.90	592.23	22700	222.687	2.170	
		32.13	17.85	42	3.57	2.55	420.41	188.96	609.37	292.00	29200	286.452	2.670	
		32.20	12.10	60	3.35	19	2.42	528.84	87.38	616.22	20000	196.200	2.155	
		32.29	13.25	42	2.65	19	2.65	511.02	104.69	615.71	22590	221.607	2.245	
		32.29	13.25	20	4.22	19	2.65	511.02	104.69	615.71	22590	221.607	2.245	
Finch		32.85	10.95	54	3.65	19	2.19	863.87	71.48	634.83	18234	178.192	2.129	1000
Bunting		33.07	8.27	45	4.13	7	2.75	603.87	41.55	645.80	15059	147.758	1.999	1100
Grackle		33.85	11.33	54	3.77	19	2.26	603.87	76.51	680.64	19549	191.815	2.281	1100
		33.90	7.37	42	4.42	7	2.46	644.44	33.26	677.70	14750	144.697	2.215	
Bittern		34.16	8.55	45	4.27	7	2.85	644.41	44.51	689.03	16057	157.551	2.133	1100
		34.20	11.40	54	3.80	7	3.80	612.40	79.38	691.78	18150	178.150	2.315	
		34.60	11.50	54	3.85	19	2.30	628.64	78.94	707.58	18492	181.406	2.370	
Beccaccia		34.82	11.60	54	3.87	19	2.32	634.19	80.29	714.84	19241	188.792	2.421	
Pheasant		35.10	11.70	54	3.90	19	2.34	644.51	81.68	725.80	20320	199.379	2.432	1100
Dipper		35.20	8.78	45	4.40	7	2.93	685.16	47.10	732.25	17025	167.343	2.264	1100
		35.56	11.85	54	3.95	19	2.36	656.77	83.71	744.51	20884	204.913	2.486	
		35.56	9.96	48	4.27	7	3.32	686.40	60.50	746.90	18414	180.641	2.370	
		36.00	12.00	54	4.00	19	2.40	678.80	85.96	764.76	20310	199.241	2.565	
Martin		36.17	12.05	54	4.02	19	2.41	684.51	86.71	770.96	21591	211.850	2.584	1100
		36.18	12.06	54	4.02	7	4.02	684.83	89.39	774.22	21100	206.991	2.593	

## CONDUCTORS - ALUMINIUM STEEL REINFORCED (ACSR)

Code	Name	Diameters		Stranding Number and Wire Diameters				Cross Section (mm <sup>2</sup> )			Breaking Load		Weight (kg/mt)	Current Rating Amps
		O. Dia (mm)	Core (mm)	Alum.		Steel		Alum. (mm <sup>2</sup> )	Steel	Total (mm <sup>2</sup> )	(kg)	(kN)		
				No.	(mm)	No.	(mm)							
Boblink		36.23	9.06	45	4.53	7	3.02	725.16	57.32	775.48	18053	177.136	2.400	1200
Plover		37.21	12.40	54	4.14	19	2.48	725.16	91.80	816.77	22861	224.312	2.737	1200
Nuthatch		37.23	9.30	45	4.65	7	3.10	765.16	52.90	818.06	18869	185.142	2.532	1200
Lapwing		38.16	9.55	45	4.77	7	3.18	805.60	55.59	861.29	19867	194.935	2.666	1300
Parrot		38.25	12.75	54	4.25	19	2.55	765.16	97.16	861.93	24131	236.773	2.889	1200
Aquila		38.98	13.00	54	4.33	19	2.60	794.84	101.00	896.13	24090	236.371	3.037	
Falcon		39.26	13.10	54	4.36	19	2.62	805.80	102.10	907.74	25401	249.234	3.041	1300
		40.50	13.50	54	4.50	19	2.70	858.60	108.60	967.40	25710	252.215	3.240	
Chukar		40.70	11.10	84	3.70	19	2.22	901.93	73.54	975.48	24312	238.548	3.086	1300
		40.70	11.10	50	3.94	19	2.22	646.06	73.54	719.59	19055	186.929	2.410	
		40.70	11.10	4	3.46	19	2.22	646.06	73.54	719.59	19055	186.929	2.410	
		41.90	11.10	66	3.22	19	2.22	519.07	73.54	592.61	19323	189.558	2.015	
		41.90	11.10	4	4.48	19	2.22	519.07	73.54	592.61	19323	189.558	2.015	
Kiwi		44.11	8.81	72	4.40	7	2.93	1098.06	47.45	1145.80	23087	226.529	3.428	
Bluebird		44.75	12.21	84	4.06	19	2.44	1092.26	88.79	1179.35	28757	282.163	3.737	