

HS285® Ultra-High Strength ACSS Conductor



Aluminum Conductor Steel Supported (ACSS) (HS285) Round Wire Construction

Code Word	Conductor Size (kcmil)	Stranding (Al/St)	Cross Sectional Area Sq In		Layers of Alum.	Diameter				Weight per 1000 feet			Rated Breaking Strength		
			Alum.	Total		No. of Alum. Wires	No. & Dia. Indv. Steel Wire	Steel Core in	Complete Conductor in	Alum. lb	Steel lb	Total lb	Standard Strength lb	High Strength lb	HS285 Strength lb
Partridge/ACSS	266.8	26/7	0.2095	0.2436	2	0.1013	0.0788	0.2364	0.642	251.3	115.6	366.9	8,880	9,730	11,400
Junco/ACSS	266.8	30/7	0.2095	0.2584	2	0.0943	0.0943	0.2829	0.660	251.3	165.5	416.8	11,700	13,000	15,200
Ostrich/ACSS	300.0	26/7	0.2355	0.2738	2	0.1074	0.0835	0.2505	0.680	282.5	129.8	412.3	10,000	10,900	12,800
WoodCock/ACSS	336.4	22/7	0.2644	0.2903	2	0.1237	0.0687	0.2061	0.701	317.1	87.8	404.9	7,610	8,260	9,560
Linnet/ACSS	336.4	26/7	0.2640	0.3070	2	0.1137	0.0884	0.2652	0.720	316.6	145.5	462.1	11,200	12,300	14,400
Oriole/ACSS	336.4	30/7	0.2642	0.3259	2	0.1059	0.1059	0.3177	0.741	317.7	208.7	526.4	14,800	16,300	19,100
Ptarmigan/ACSS	397.5	20/7	0.3123	0.3339	2	0.1410	0.0627	0.1881	0.752	374.5	73.2	447.7	7,090	7,630	8,710
Brant/ACSS	397.5	24/7	0.3122	0.3527	2	0.1287	0.0858	0.2574	0.772	374.4	137.0	511.4	11,000	12,100	14,100
Ibis/ACSS	397.5	26/7	0.3120	0.3628	2	0.1236	0.0961	0.2883	0.783	374.1	171.9	546.0	13,000	14,200	16,500
Lark/ACSS	397.5	30/7	0.3121	0.3849	2	0.1151	0.1151	0.3453	0.806	375.3	246.6	621.9	17,500	19,300	22,600
Tailorbird/ACSS	477.0	20/7	0.3745	0.4004	2	0.1544	0.0686	0.2058	0.824	449.1	87.6	536.7	8,490	9,140	10,400
Flicker/ACSS	477.0	24/7	0.3747	0.4233	2	0.1410	0.0940	0.2820	0.846	449.4	164.5	613.9	13,000	14,200	16,400
Hawk/ACSS	477.0	26/7	0.3744	0.4354	2	0.1354	0.1053	0.3159	0.858	449.0	206.4	655.4	15,600	17,100	19,800
Hen/ACSS	477.0	30/7	0.3747	0.4621	2	0.1261	0.1261	0.3783	0.883	450.4	296.0	746.4	21,000	22,700	26,700
Sapsucker/ACSS	556.5	22/7	0.4368	0.4797	2	0.1590	0.0883	0.2649	0.901	523.9	145.1	669.0	12,600	13,600	15,800
Parakeet/ACSS	556.5	24/7	0.4372	0.4938	2	0.1523	0.1015	0.3045	0.914	524.3	191.8	716.1	15,200	16,600	19,200
Dove/ACSS	556.5	26/7	0.4371	0.5083	2	0.1463	0.1138	0.3414	0.927	524.2	241.0	765.2	18,200	19,900	23,200
Eagle/ACSS	556.5	30/7	0.4371	0.5391	2	0.1362	0.1362	0.4086	0.953	525.5	345.3	870.8	24,500	26,500	31,100
Peacock/ACSS	605.0	24/7	0.4753	0.5370	2	0.1588	0.1059	0.3177	0.953	570.0	208.7	778.7	16,500	18,100	20,800
Squab/ACSS	605.0	26/7	0.4749	0.5522	2	0.1525	0.1186	0.3558	0.966	569.5	261.8	831.3	19,700	21,700	25,200
Wood Duck/ACSS	605.0	30/7	0.4751	0.5860	2	0.1420	0.1420	0.4260	0.994	571.2	375.3	946.5	26,000	28,300	33,300
Teal/ACSS	605.0	30/19	0.4751	0.5834	2	0.1420	0.0852	0.4260	0.994	571.2	367.5	938.7	26,600	29,300	34,800
Goldfinch/ACSS	636.0	22/7	0.4994	0.5484	2	0.1700	0.0944	0.2832	0.963	598.9	165.9	764.8	14,100	15,300	17,500
Rook/ACSS	636.0	24/7	0.4996	0.5643	2	0.1628	0.1085	0.3255	0.977	599.1	219.1	818.2	17,300	19,000	21,900
Grosbeak/ACSS	636.0	26/7	0.4995	0.5808	2	0.1564	0.1216	0.3648	0.991	599.0	275.2	874.2	20,700	22,400	26,000
Scoter/ACSS	636.0	30/7	0.4995	0.6160	2	0.1456	0.1456	0.4368	1.019	600.5	394.6	995.1	27,400	29,700	35,000
Egret/ACSS	636.0	30/19	0.4995	0.6135	2	0.1456	0.0874	0.4370	1.019	600.5	386.7	987.2	28,000	30,900	36,600
Flamingo/ACSS	666.6	24/7	0.5238	0.5917	2	0.1667	0.1111	0.3333	1.000	628.2	229.7	857.9	18,200	19,900	22,900
Gannet/ACSS	666.6	26/7	0.5234	0.6086	2	0.1601	0.1245	0.3735	1.014	627.7	288.5	916.2	21,700	23,400	27,300
Stilt/ACSS	715.5	24/7	0.5622	0.6350	2	0.1727	0.1151	0.3453	1.036	674.2	246.6	920.8	19,500	21,300	24,600
Starling/ACSS	715.5	26/7	0.5620	0.6535	2	0.1659	0.1290	0.3870	1.051	674.0	309.7	983.7	23,300	25,200	29,800
Redwing/ACSS	715.5	30/19	0.5617	0.6897	2	0.1544	0.0926	0.4630	1.081	675.3	434.1	1109.4	30,800	34,000	39,800
Puffin/ACSS	795.0	22/7	0.6244	0.6857	2	0.1901	0.1056	0.3168	1.077	748.8	207.6	956.4	17,700	19,200	22,000
Cuckoo/ACSS	795.0	24/7	0.6244	0.7053	2	0.1820	0.1213	0.3639	1.092	748.8	273.9	1022.7	21,700	23,300	26,900
Drake/ACSS	795.0	26/7	0.6247	0.7264	2	0.1749	0.1360	0.4080	1.108	749.1	344.3	1093.4	25,900	28,000	32,600
Macaw/ACSS	795.0	42/7	0.6246	0.6567	3	0.1376	0.0764	0.2292	1.055	749.0	108.6	857.6	11,800	12,600	14,300
Tern/ACSS	795.0	45/7	0.6242	0.6674	3	0.1329	0.0886	0.2658	1.063	748.6	146.1	894.7	14,200	15,200	17,400
Condor/ACSS	795.0	54/7	0.6240	0.7049	3	0.1213	0.1213	0.3639	1.092	748.4	273.9	1022.3	21,700	23,300	26,900
Mallard/ACSS	795.0	30/19	0.6245	0.7669	2	0.1628	0.0977	0.4885	1.140	750.7	483.2	1233.9	34,300	37,900	44,300

- Notes:
- Rated strengths for standard core based on Class A Galvan coated steel core wire in accordance with ASTM B 802.7.
 - Rated Strength for high strength core based on Class A Galvan coated high strength steel core wire in accordance with ASTM B 803.
 - The final design of a shaped wire compact conductor is contingent upon several factors such as: layer diameter, wire width and wire thickness. The actual configuration of a given size may vary between manufacturers. This may result in a slight variation in the number of wires, number of layers and dimensions of individual wires from that shown in the chart.
 - Data based on a nominal cable manufactured in accordance with ASTM B 856.



HS285® Ultra-High Strength ACSS Conductor



Aluminum Conductor Steel Supported (ACSS) (HS285) Round Wire Construction

Code Word	Conductor Size (kcmil)	Stranding (Al/St)	Cross Sectional Area Sq In		Layers of Alum.	Diameter				Weight per 1000 feet			Rated Breaking Strength		
			Alum.	Total		No. of Alum. Wires	No. & Dia. Indv. Steel Wire	Steel Core in	Complete Conductor in	Alum. lb	Steel lb	Total lb	Standard Strength lb	High Strength lb	HS285 Strength lb
Ruddy/ACSS	900.0	45/7	0.7066	0.7555	3	0.1414	0.0943	0.2829	1.131	847.4	165.5	1012.9	15,800	17,000	19,200
Canary/ACSS	900.0	54/7	0.7069	0.7985	3	0.1291	0.1291	0.3873	1.162	847.7	310.2	1157.9	24,600	26,400	30,500
Cornrake/ACSS	954.0	20/7	0.7492	0.8010	2	0.2184	0.0971	0.2913	1.165	898.5	175.5	1074.0	16,700	18,000	20,400
Redbird/ACSS	954.0	24/7	0.7495	0.8466	2	0.1994	0.1329	0.3987	1.196	898.8	328.7	1227.5	26,000	28,000	32,300
Rail/ACSS	954.0	45/7	0.7492	0.8010	3	0.1456	0.0971	0.2913	1.165	898.5	175.5	1074.0	16,700	18,000	20,400
Towhee/ACSS	954.0	48/7	0.7495	0.8157	3	0.1410	0.1097	0.3291	1.175	898.8	224.0	1122.8	19,700	21,300	24,300
Cardinal/ACSS	954.0	54/7	0.7491	0.8462	3	0.1329	0.1329	0.3987	1.196	898.3	328.7	1227.0	26,000	28,000	32,300
Canvasback/ACSS	954.0	30/19	0.7491	0.9199	2	0.1783	0.1070	0.5350	1.248	900.5	579.6	1480.1	41,100	45,400	53,100
Snowbird/ACSS	1033.5	42/7	0.8121	0.8539	3	0.1569	0.0872	0.2616	1.203	973.9	141.5	1115.4	15,400	16,500	18,500
Ortolan/ACSS	1033.5	45/7	0.8112	0.8673	3	0.1515	0.1010	0.3030	1.212	972.8	189.9	1162.7	18,100	19,500	22,000
Curlew/ACSS	1033.5	54/7	0.8112	0.9164	3	0.1383	0.1383	0.4149	1.245	972.8	356.0	1328.8	28,200	30,300	35,000
Bluejay/ACSS	1113.0	45/7	0.8745	0.9350	3	0.1573	0.1049	0.3147	1.258	1048	204.8	1253.5	19,500	21,100	23,800
Finch/ACSS	1113.0	54/19	0.8746	0.9855	3	0.1436	0.0862	0.4310	1.292	1053	376.1	1430.0	30,400	33,200	38,700
Bunting/ACSS	1192.5	45/7	0.9367	1.001	3	0.1628	0.1085	0.3255	1.302	1123	219.1	1342.5	21,400	23,500	25,400
Grackle/ACSS	1192.5	54/19	0.9365	1.055	3	0.1486	0.0892	0.4460	1.337	1128	402.8	1531.4	32,600	35,500	41,500
Bittern/ACSS	1272.0	45/7	0.9987	1.067	3	0.1681	0.1121	0.3363	1.345	1197	233.9	1431.6	22,300	24,000	27,200
Diver/ACSS	1272.0	48/7	0.9992	1.087	3	0.1628	0.1266	0.3798	1.357	1198	298.3	1496.6	26,200	28,000	31,900
Pheasant/ACSS	1272.0	54/19	0.9993	1.125	3	0.1535	0.0921	0.4605	1.381	1204	429.4	1633.7	34,100	37,300	43,000
Dipper/ACSS	1351.5	45/7	1.061	1.134	3	0.1733	0.1155	0.3465	1.386	1272	248.3	1521.2	23,700	25,500	28,800
Martin/ACSS	1351.5	54/19	1.061	1.195	3	0.1582	0.0949	0.4745	1.424	1279	455.9	1735.0	36,200	39,600	45,600
Bobolink/ACSS	1431.0	45/7	1.123	1.201	3	0.1783	0.1189	0.3567	1.427	1347	263.1	1610.6	25,100	27,000	30,500
Plover/ACSS	1431.0	54/19	1.124	1.266	3	0.1628	0.0977	0.4885	1.465	1354	483.2	1837.8	38,400	41,900	48,300
Nuthatch/ACSS	1510.5	45/7	1.186	1.268	3	0.1832	0.1221	0.3663	1.466	1422	277.5	1700.0	26,500	28,100	31,800
Parrot/ACSS	1510.5	54/19	1.185	1.335	3	0.1672	0.1003	0.5015	1.505	1428	509.2	1938.0	40,400	44,200	51,000
Ratite/ACSS	1590.0	42/7	1.249	1.313	3	0.1946	0.1081	0.3243	1.492	1498	217.5	1715.6	23,400	25,000	27,900
Lapwing/ACSS	1590.0	45/7	1.249	1.335	3	0.1880	0.1253	0.3759	1.504	1498	292.2	1790.3	27,900	29,600	33,500
Falcon/ACSS	1590.0	54/19	1.248	1.407	3	0.1716	0.1030	0.5150	1.544	1505	537.0	2042.0	42,600	46,600	53,700
Chukar/ACSS	1780.0	84/19	1.398	1.512	4	0.1456	0.0874	0.4370	1.601	1685	386.7	2072.1	35,400	38,200	43,900
Mockingbird/ACSS	2034.5	72/7	1.597	1.66	4	0.1681	0.1121	0.3363	1.681	1925	233.9	2159.6	27,200	28,900	32,000
Roadrunner/ACSS	2057.0	76/19	1.615	1.703	4	0.1645	0.0768	0.3840	1.700	1946	298.6	2245.1	31,700	33,900	38,300
Bluebird/ACSS	2156.0	84/19	1.693	1.830	4	0.1602	0.0961	0.4805	1.762	2040	467.5	2507.9	42,100	45,500	51,700
Kiwi/ACSS	2167.0	72/7	1.702	1.775	4	0.1735	0.1157	0.3471	1.735	2051	249.2	2300.6	29,000	30,800	34,100
Thrasher/ACSS	2312.0	76/19	1.815	1.914	4	0.1744	0.0814	0.4070	1.802	2187	335.4	2523.3	35,600	38,100	43,000
Joree/ACSS	2515.0	76/19	1.975	2.082	4	0.1819	0.0849	0.4245	1.880	2380	364.9	2745.0	38,700	41,400	46,800

- Notes:
- Rated strengths for standard core based on Class A Galvan coated steel core wire in accordance with ASTM B 802.7.
 - Rated Strength for high strength core based on Class A Galvan coated high strength steel core wire in accordance with ASTM B 803.
 - The final design of a shaped wire compact conductor is contingent upon several factors such as: layer diameter, wire width and wire thickness. The actual configuration of a given size may vary between manufacturers. This may result in a slight variation in the number of wires, number of layers and dimensions of individual wires from that shown in the chart.
 - Data based on a nominal cable manufactured in accordance with ASTM B 856.



HS285® Ultra-High Strength ACSS Conductor



Aluminum Conductor Steel Supported (ACSS) (HS285) Round Wire Construction

Code Word	Conductor Size (kcmil)	Stranding (Al/St)	Resistance				Resistance @ 1 ft Spacing 60 HZ			Ampacity				
			dc @ 20°C, Ω/mile	ac-60 Hz			GMR feet Ω/mile	Inductive X _a , MΩ-mile	Capacitive X _a , MΩ-mile	@ 75°C, amp	@ 100°C, amp	@ 150°C, amp	@ 200°C, amp	@ 250°C, amp
				@ 25°C, Ω/mile	@ 50°C, Ω/mile	@ 75°C, Ω/mile								
Partridge/ACSS	266.8	26/7	0.3270	0.3343	0.3681	0.4019	0.0217	0.465	0.1074	463	564	707	813	901
Junco/ACSS	266.8	30/7	0.3249	0.3320	0.3655	0.3991	0.0227	0.459	0.1066	468	571	715	823	913
Ostrich/ACSS	300.0	26/7	0.2908	0.2974	0.3275	0.3575	0.0230	0.458	0.1057	498	608	763	877	974
WoodCock/ACSS	336.4	22/7	0.2615	0.2677	0.2947	0.3218	0.0232	0.457	0.1048	529	646	811	933	1036
Linnet/ACSS	336.4	26/7	0.2594	0.2654	0.2922	0.3190	0.0243	0.451	0.1040	535	654	821	961	1050
Oriole/ACSS	336.4	30/7	0.2577	0.2635	0.2901	0.3167	0.0255	0.445	0.1031	541	662	831	958	1064
Ptarmigan/ACSS	397.5	20/7	0.2221	0.2277	0.2507	0.2737	0.0246	0.450	0.1027	584	715	898	1035	1150
Brant/ACSS	397.5	24/7	0.2204	0.2258	0.2486	0.2714	0.0259	0.444	0.1019	591	723	909	1048	1165
Ibis/ACSS	397.5	26/7	0.2195	0.2248	0.2474	0.2701	0.0265	0.441	0.1015	594	727	915	1055	1173
Lark/ACSS	397.5	30/7	0.2181	0.2232	0.2457	0.2681	0.0277	0.435	0.1007	601	736	926	1069	1188
Tailorbird/ACSS	477.0	20/7	0.1851	0.1901	0.2093	0.2284	0.0270	0.439	0.1000	655	803	1011	1166	1297
Flicker/ACSS	477.0	24/7	0.1837	0.1885	0.2074	0.2264	0.0283	0.433	0.0992	663	812	1023	1181	1314
Hawk/ACSS	477.0	26/7	0.1829	0.1876	0.2064	0.2253	0.0290	0.430	0.0988	667	817	1030	1189	1323
Hen/ACSS	477.0	30/7	0.1817	0.1862	0.2049	0.2236	0.0304	0.424	0.0980	674	827	1043	1204	1341
Sapsucker/ACSS	556.5	22/7	0.1581	0.1626	0.1789	0.1952	0.0298	0.426	0.0974	725	890	1123	1298	1445
Parakeet/ACSS	556.5	24/7	0.1574	0.1618	0.1780	0.1943	0.0306	0.423	0.0969	730	896	1131	1307	1456
Dove/ACSS	556.5	26/7	0.1568	0.1610	0.1772	0.1933	0.0313	0.420	0.0965	734	902	1138	1316	1466
Eagle/ACSS	556.5	30/7	0.1558	0.1598	0.1758	0.1919	0.0328	0.415	0.0957	743	912	1152	1332	1485
Peacock/ACSS	605.0	24/7	0.1448	0.1490	0.1639	0.1789	0.0319	0.418	0.0957	769	945	1194	1380	1539
Squab/ACSS	605.0	26/7	0.1442	0.1483	0.1631	0.1780	0.0327	0.415	0.0953	774	951	1201	1390	1549
Wood Duck/ACSS	605.0	30/7	0.1433	0.1471	0.1619	0.1766	0.0342	0.410	0.0944	783	962	1217	1408	1570
Teal/ACSS	605.0	30/19	0.1434	0.1472	0.1620	0.1767	0.0342	0.410	0.0945	782	962	1216	1407	1570
Goldfinch/ACSS	636.0	22/7	0.1383	0.1426	0.1568	0.1711	0.0319	0.418	0.0954	789	969	1225	1416	1579
Rook/ACSS	636.0	24/7	0.1378	0.1419	0.1561	0.1702	0.0327	0.415	0.0950	793	975	1233	1426	1590
Grosbeak/ACSS	636.0	26/7	0.1372	0.1412	0.1553	0.1694	0.0335	0.412	0.0946	798	982	1241	1436	1602
Scoter/ACSS	636.0	30/7	0.1363	0.1401	0.1541	0.1681	0.0351	0.407	0.0937	807	993	1257	1455	1623
Egret/ACSS	636.0	30/19	0.1364	0.1402	0.1542	0.1682	0.0351	0.407	0.0937	807	993	1256	1454	1623
Flamingo/ACSS	666.6	24/7	0.1314	0.1355	0.1490	0.1625	0.0335	0.412	0.0943	817	1005	1271	1471	1641
Gannet/ACSS	666.6	26/7	0.1309	0.1348	0.1482	0.1617	0.0343	0.409	0.0939	822	1011	1279	1481	1652
Stilt/ACSS	715.5	24/7	0.1225	0.1264	0.1390	0.1516	0.0347	0.408	0.0932	854	1051	1330	1541	1719
Starling/ACSS	715.5	26/7	0.1219	0.1258	0.1383	0.1508	0.0355	0.405	0.0928	859	1058	1340	1552	1732
Redwing/ACSS	715.5	30/19	0.1212	0.1248	0.1372	0.1497	0.0372	0.399	0.0920	869	1070	1356	1571	1755
Puffin/ACSS	795.0	22/7	0.1107	0.1147	0.1260	0.1374	0.0357	0.405	0.0921	906	1116	1415	1640	1831
Cuckoo/ACSS	795.0	24/7	0.1102	0.1141	0.1254	0.1367	0.0365	0.402	0.0917	912	1124	1424	1651	1844
Drake/ACSS	795.0	26/7	0.1097	0.1135	0.1247	0.1359	0.0375	0.399	0.0912	918	1131	1434	1663	1858
Macaw/ACSS	795.0	42/7	0.1113	0.1157	0.1271	0.1395	0.0346	0.408	0.0927	895	1101	1394	1614	1800
Tern/ACSS	795.0	45/7	0.1111	0.1153	0.1273	0.1390	0.0352	0.406	0.0925	898	1105	1399	1620	1808
Condor/ACSS	795.0	54/7	0.1102	0.1141	0.1284	0.1406	0.0368	0.401	0.0917	900	1107	1400	1620	1807
Mallard/ACSS	795.0	30/19	0.1091	0.1125	0.1237	0.1349	0.0392	0.393	0.0904	928	1145	1452	1684	1882

Notes:

- Resistance and ampacity based on an aluminum conductivity of 63% IACS at 20°C and a steel conductivity of 8% IACS at 20°C.
- Ampacity based on reference conductor temperature, 25°C ambient temperature, 2 ft/sec wind, in sun, with an emissivity of .5 and a coefficient of solar absorption of .5, at sea level.



HS285® Ultra-High Strength ACSS Conductor



Aluminum Conductor Steel Supported (ACSS) (HS285) Round Wire Construction

Code Word	Conductor Size (kcmil)	Stranding (Al/St)	Resistance				Resistance @ 1 ft Spacing 60 HZ			Ampacity				
			dc @ 20°C, Ω/mile	ac-60 Hz			GMR feet Ω/mile	Inductive X _a , MΩ-mile	Capacitive X _a , MΩ-mile	@ 75°C, amp	@ 100°C, amp	@ 150°C, amp	@ 200°C, amp	@ 250°C, amp
				@ 25°C, Ω/mile	@ 50°C, Ω/mile	@ 75°C, Ω/mile								
Ruddy/ACSS	900.0	45/7	0.0981	0.1023	0.1129	0.1232	0.0374	0.399	0.0906	970	1196	1516	1757	1963
Canary/ACSS	900.0	54/7	0.0974	0.1012	0.1137	0.1245	0.0392	0.393	0.0898	972	1198	1518	1759	1964
Corncrake/ACSS	954.0	20/7	0.0926	0.0968	0.1062	0.1156	0.0381	0.396	0.0897	1008	1245	1581	1835	2052
Redbird/ACSS	954.0	24/7	0.0918	0.0956	0.1050	0.1144	0.0400	0.391	0.0890	1021	1261	1602	1860	2081
Rail/ACSS	954.0	45/7	0.0926	0.0968	0.1067	0.1164	0.0385	0.395	0.0897	1006	1241	1574	1826	2041
Towhee/ACSS	954.0	48/7	0.0923	0.0964	0.1058	0.1152	0.0391	0.393	0.0895	1010	1246	1581	1834	2050
Cardinal/ACSS	954.0	54/7	0.0918	0.0956	0.1074	0.1176	0.0404	0.390	0.0890	1008	1243	1576	1827	2041
Canvasback/ACSS	954.0	30/19	0.0909	0.0942	0.1035	0.1128	0.0430	0.382	0.0877	1040	1285	1634	1898	2125
Snowbird/ACSS	1033.5	42/7	0.0856	0.0901	0.0988	0.1074	0.0395	0.392	0.0888	1052	1299	1651	1916	2143
Ortolan/ACSS	1033.5	45/7	0.0854	0.0897	0.0988	0.1077	0.0401	0.390	0.0886	1056	1304	1657	1924	2152
Curlew/ACSS	1033.5	54/7	0.0848	0.0886	0.0994	0.1087	0.0420	0.385	0.0878	1059	1308	1660	1926	2153
Bluejay/ACSS	1113.0	45/7	0.0793	0.0837	0.0921	0.1003	0.0416	0.386	0.0874	1105	1367	1738	2019	2260
Finch/ACSS	1113.0	54/19	0.0791	0.0830	0.0930	0.1017	0.0436	0.380	0.0867	1106	1367	1737	2017	2257
Bunting/ACSS	1192.5	45/7	0.0740	0.0785	0.0863	0.0939	0.0431	0.382	0.0864	1153	1427	1817	2112	2366
Grackle/ACSS	1192.5	54/19	0.0739	0.0777	0.0870	0.0951	0.0451	0.376	0.0856	1154	1427	1816	2111	2363
Bittern/ACSS	1272.0	45/7	0.0694	0.0739	0.0812	0.0884	0.0448	0.378	0.0855	1199	1485	1893	2203	2469
Diver/ACSS	1272.0	48/7	0.0692	0.0736	0.0808	0.0880	0.0452	0.376	0.0852	1204	1492	1902	2214	2481
Pheasant/ACSS	1272.0	54/19	0.0692	0.0732	0.0818	0.0894	0.0466	0.372	0.0847	1201	1487	1893	2202	2466
Dipper/ACSS	1351.5	45/7	0.0653	0.0699	0.0768	0.0835	0.0459	0.374	0.0846	1243	1542	1968	2291	2569
Martin/ACSS	1351.5	54/19	0.06520	.0692	0.0773	0.0844	0.0480	0.368	0.0838	1246	1544	1969	2291	2568
Bobolink/ACSS	1431.0	45/7	0.0617	0.0664	0.0728	0.0791	0.0472	0.371	0.0837	1287	1597	2041	2378	2669
Plover/ACSS	1431.0	54/19	0.0615	0.0656	0.0732	0.0799	0.0494	0.365	0.0829	1290	1600	2042	2378	2667
Nuthatch/ACSS	1510.5	45/7	0.0585	0.0633	0.0693	0.0752	0.0485	0.367	0.0829	1329	1651	2112	2463	2765
Parrot/ACSS	1510.5	54/19	0.0583	0.0624	0.0696	0.0759	0.0508	0.362	0.0821	1333	1655	2114	2464	2764
Ratite/ACSS	1590.0	42/7	0.0557	0.0608	0.0663	0.0718	0.0490	0.366	0.0824	1364	1696	2171	2534	2847
Lapwing/ACSS	1590.0	45/7	0.0555	0.0605	0.0662	0.0718	0.0497	0.364	0.0822	1370	1704	2181	2546	2860
Falcon/ACSS	1590.0	54/19	0.0554	0.0596	0.0664	0.0724	0.0521	0.359	0.0814	1375	1708	2184	2547	2860
Chukar/ACSS	1780.0	84/19	0.0498	0.0547	0.0596	0.0645	0.0534	0.355	0.0803	1469	1832	2353	2752	3097
Mockingbird/ACSS	2034.5	72/7	0.0438	0.0498	0.0539	0.0581	0.0553	0.351	0.0789	1568	1960	2526	2962	3340
Roadrunner/ACSS	2057.0	76/19	0.0432	0.0490	0.0531	0.0573	0.0562	0.349	0.0785	1584	1980	2553	2994	3376
Bluebird/ACSS	2156.0	84/19	0.0411	0.0466	0.0505	0.0544	0.0588	0.344	0.0775	1640	2053	2649	3108	3507
Kiwi/ACSS	2167.0	72/7	0.0411	0.0473	0.0512	0.0551	0.0570	0.348	0.0779	1624	2033	2625	3082	3478
Thrasher/ACSS	2312.0	76/19	0.0385	0.0447	0.0483	0.0519	0.0595	0.342	0.0768	1690	2119	2740	3221	3638
Joree/ACSS	2515.0	76/19	0.0353	0.0419	0.0451	0.0484	0.0621	0.337	0.0755	1770	2223	2882	3393	3838

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