

## PRODUCT CATALOG – ACSR/TWD

<b>TABLE I - ACSR/TWD - PHYSICAL CHARACTERISTICS</b>									
Code Word	Type	Cross Section			Stranding			Complete Cond	Steel Core
		Aluminum		Total	Aluminum Trapezoidal		Steel Wires Number		
		Cmils	Inches	Inches	Number Wires	Diameter Inches			
Partridge/TWD	16	318000	0.2498	0.2905	12/8	7 x 0.0861	0.642	0.2583	
Merlinr/TWD	5	409400	0.3215	0.3394	9/5	1 x 0.1508	0.684	0.1508	
Linne/TWD	16	404200	0.3175	0.3691	12/8	7 x 0.0969	0.720	0.2907	
Oriole/TWD	23	399000	0.3133	0.3864	13/9	7 x 0.1153	0.741	0.3459	
Brant/TWD	13	483300	0.3796	0.4288	12/8	7 x 0.0946	0.772	0.2838	
Ibis/TWD	16	480500	0.3774	0.4388	12/8	7 x 0.1057	0.783	0.3171	
Lark/TWD	23	475200	0.3732	0.4605	13/9	7 x 0.1260	0.807	0.3780	
Pelican/TWD	5	589900	0.4633	0.4890	9/5	1 x 0.1810	0.814	0.1810	
Flicker/TVID	13	569700	0.4475	0.5056	12/8	7 x 0.1028	0.846	0.3084	
Hawkf/TWD	16	565600	0.4442	0.5165	12/8	7 x 0.1147	0.858	0.3441	
Hen/TWD	23	558200	0.4384	0.5407	13/9	7 x 0.1364	0.883	0.4092	
Parakeetf/TWD	13	670200	0.5264	0.5946	12/8	7 x 0.1114	0.914	0.3342	
Dove/TWD	16	665000	0.5223	0.6074	12/8	7 x 0.1244	0.927	0.3732	
Eagle/TWD	23	655100	0.5145	0.6346	13/9	7 x 0.1478	0.953	0.4434	
Peacock/TWD	13	730600	0.5738	0.6483	12/8	7 x 0.1164	0.953	0.3492	
Squab/TWD	16	726100	0.5703	0.6632	12/8	7 x 0.1300	0.966	0.3900	
Teal/TWD	23	714900	0.5615	0.6895	13/9	19 x 0.0926	0.994	0.4630	
Rook/TWD	13	770200	0.6049	0.6833	12/8	7 x 0.1194	0.977	0.3582	
Grosbeak/TWD	16	762800	0.5994	0.6969	12/8	7 x 0.1332	0.988	0.3996	
Egre/TWD	23	753000	0.5914	0.7264	13/9	19 x 0.0951	1.019	0.4755	
Flamingo/TWD	13	808100	0.6346	0.7170	12/8	7 x 0.1224	1.000	0.3672	
Ganne/TWD	16	803200	0.6308	0.7335	12/8	7 x 0.1367	1.014	0.4101	
Starling/TWD	16	864800	0.6792	0.7897	12/8	7 x 0.1418	1.051	0.4254	
Redwing/TWD	23	851400	0.6687	0.8209	13/9	19 x 0.1010	1.081	0.5050	
Macaw/TWD	5	970200	0.7620	0.8013	14/10/6	7 x 0.0845	1.055	0.2535	
Tern/TWD	7	945100	0.7423	0.8039	15/11/7	7 x 0.1059	1.063	0.3177	
Puffin/TWD	10	974200	0.7651	0.8403	13/8	7 x 0.1169	1.077	0.3507	
Cuckoo/TWD	13	970000	0.7618	0.8605	13/8	7 x 0.1340	1.093	0.4020	
Drake/TWD	16	959000	0.7538	0.8767	13/9	7 x 0.1495	1.107	0.4485	
Mallard/TWD	23	950200	0.7463	0.9162	13/9	19 x 0.1067	1.140	0.5335	
Ruddy/TWD	7	1094100	0.8593	0.9188	15/11/7	7 x 0.1040	1.131	0.3120	
Canary/TWD	13	1075000	0.8443	0.9539	17/13/9	7 x 0.1412	1.162	0.4236	
Phoenix/TWD	5	1171500	0.9201	0.9674	14/10/6	7 x 0.0928	1.155	0.2784	
Rail/TWD	7	1160000	0.9111	0.9742	16/17/8	7 x 0.1071	1.165	0.3213	
Cardina/TWD	13	1143000	0.8987	1.014	17/13/9	7 x 0.1455	1.196	0.4365	
Snowbird/TWD	5	1275200	1.002	1.053	14/10/6	7 x 0.0968	1.203	0.2904	
O-olan/TWD	7	1265000	0.9935	1.062	15/11/7	7 x 0.1117	1.212	0.3351	

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		Cmils	Inches	Inches	Number Wires				
Curlew/TWD	13	1240200	0.9741	1.100	17/13/9	7 x 0.1515	1.244	0.4545	
Avoce/TWD	5	1378100	1.082	1.138	14/10/6	7 x 0.1006	1.248	0.3018	
Bluejay/TWD	7	1368700	1.075	1.149	15/11/7	7 x 0.1163	1.259	0.3489	
Finch/TWD	13	1339000	1.052	1.185	18/14/10	19 x 0.0945	1.293	0.4725	
Oxbird/TWD	5	1475200	1.159	1.218	15/11/7	7 x 0.1041	1.292	0.3123	
Bunting/TWD	7	1468200	1.153	1.233	15/11/7	7 x 0.1204	1.302	0.3612	
Grackle/TWD	13	1427000	1.121	1.263	18/14/10	19 x 0.0976	1.333	0.4835	
ScissMail/TWD	5	1575400	1.237	1.301	16/11/7	7 x 0.1076	1.334	0.3228	
Biftern/TWD	7	1565000	1.229	1.315	16/12/8	7 x 0.1244	1.345	0.3732	
Pheasant/TWD	13	1540000	1.210	1.363	18/14/10	19 x 0.1013	1.382	0.5065	
Ringdove/TWD	5	1670900	1.312	1.380	17/12/8	7 x 0.1109	1.375	0.3327	
Dipper/TWD	7	1634700	1.284	1.373	20/16/12/8	7 x 0.1271	1.386	0.3813	
Matn/TWD	13	1643200	1.290	1.453	17/13/9	19 x 0.1045	1.424	0.5225	
Popinjay/TWD	5	1770700	1.391	1.462	18/13/8	7 x 0.1141	1.415	0.3423	
Bobolink/TWD	7	1740000	1.366	1.460	20/16/12/8	7 x 0.1311	1.427	0.3933	
Plover/TWD	13	1737000	1.364	1.537	18/14/10	19 x 0.1076	1.465	0.5380	
Nuthatch/TWD	7	1840300	1.445	1.545	20/16/12/8	7 x 0.1348	1.466	0.4044	
Ratitef/TWD	5	1955100	1.536	1.615	20/16/12/8	7 x 0.1199	1.495	0.3597	
Lapwing/TWD	7	1942600	1.526	1.631	20/16/12/8	7 x 0.1382	1.504	0.4146	
Falcon/TWD	13	1939000	1.523	1.716	18/14/10	19 x 0.1137	1.545	0.5685	
Chukar/TWD	8	2170200	1.704	1.843	21/17/13/9	19 x 0.0965	1.602	0.4825	
Seahawk/TWD	3	2315500	1.819	1.877	20/16/12/7	7 x 0.1025	1.603	0.3075	
Bluebird/TWD	8	2647300	2.079	2.248	21/17/13/9	19 x 0.1064	1.762	0.5320	
Kiwi/TWD	4	2681800	1.106	1.200	22/18/13/9	7 x 0.1304	1.737	0.3912	
ThrasherfTWD	5	2860400	2.247	2.368	22/18/13/9	19 x 0.0904	1.802	0.4520	
Joree/TWD	5	3113000	2.445	2.578	23/19/14/9	19 x 0.0945	1.880	0.4725	

**TABLE I - ACSR/TWD - PHYSICAL CHARACTERISTICS**

Code Word	Nominal Weight Pounds <sup>1</sup>								Rated Strength Pounds <sup>2</sup>	
	Total	Per 1000 It			Per Mile			Percent Total Weight		
		Al	Steel	Total	Al	Steel	Al	Steel		
<b>Partridge/TWD</b>	438.0	300.0	138.0	2313	1584	729	68.5	31.5	13400	
<b>Merlin/TWD</b>	445.2	385.0	60.2	2351	2033	318	86.5	13.5	10200	
<b>Linnet/TWD</b>	556.1	381.4	174.7	2936	2014	922	68.6	31.4	16600	
<b>Oriole/TWD</b>	624.0	376.6	247.4	3295	1988	1306	60.4	39.6	20400	
<b>BranVTWD</b>	622.4	455.8	166.6	3286	2407	880	73.2	26.8	17400	
<b>Ibis/TWD</b>	661.3	453.4	207.9	3492	2394	1098	68.6	31.4	19500	
<b>Lark/TWD</b>	744.1	448.6	295.5	3929	2369	1560	60.3	39.7	23800	
<b>Pelican/TWD</b>	641.4	554.6	86.8	3387	2928	458	86.5	13.5	14800	
<b>Flicker/TWD</b>	733.9	537.2	196.7	3875	2836	1039	73.2	26.8	20500	
<b>Hawk/TWD</b>	776.3	531.4	244.9	4099	2806	1293	68.5	31.5	23000	
<b>Hen/TWD</b>	873.5	527.2	346.3	4612	2784	1828	60.3	39.7	27700	
<b>Parakeet/TWD</b>	863	632	231	4557	3337	1220	73.2	26.8	24100	
<b>Dove/TWD</b>	915.4	627.4	288	4833	3313	1521	68.5	31.5	26600	
<b>Eagle/TWD</b>	1025	618	407	5412	3265	2147	60.3	39.7	31300	
<b>Peacock/TWD</b>	941.1	688.9	252.2	4969	3637	1332	73.2	16.8	26300	
<b>Squab/FWD</b>	999.7	685.1	314.6	5278	3617	1661	68.5	31.5	29100	
<b>Teal/FWD</b>	1109	675	434	5856	3564	2292	60.9	39.1	34800	
<b>Rook/TWD</b>	991.6	726.3	265.3	5236	3835	1400	73.2	26.8	27700	
<b>Grosbeak/TWD</b>	1049	718	330	5536	3793	1743	68.5	31.5	30500	
<b>Egret/TWD</b>	1169	711	458	6172	3754	2418	60.8	39.2	36700	
<b>Flamingo/TWD</b>	1041	762	279	5496	4023	1473	73.2	26.8	28700	
<b>Gannet/TWD</b>	1106	758	348	5840	4002	1837	68.5	31.5	32100	
<b>Starling/TWD</b>	1190	816	374	6283	4308	1975	68.6	31.4	33500	
<b>Redwing/TWD</b>	1320	804	516	6970	4245	2724	60.9	39.1	41400	
<b>Macaw/TWD</b>	1048	915	133	5533	4831	702	87.3	12.7	24200	
<b>Tern/TWD</b>	1100	891	209	5808	4706	1102	81.0	19.0	27500	
<b>Puffin/TWD</b>	1173	919	254	6193	4852	1341	78.3	21.7	30400	
<b>Cuckoo/TWD</b>	1249	915	334	6595	4831	1764	73.3	26.7	34100	
<b>Drake/TWD</b>	1322	906	416	6980	4784	2196	68.5	31.5	37000	
<b>Mallard/M</b>	1473	897	576	7777	4736	3041	60.9	39.1	46200	
<b>Ruddy/TWD</b>	1233	1032	201	6510	5449	1061	83.7	16.3	29700	
<b>Canary/TWD</b>	1386	1015	371	7318	5359	1959	73.2	26.8	36700	
<b>Phoenix/TWD</b>	1265	1105	160	6679	5834	845	87.4	12.6	28900	
<b>Rail/TWD</b>	1307	1094	213	6901	5776	1125	83.7	16.3	31500	
<b>Cardinal/M</b>	1473	1079	394	7777	5697	2080	73.2	26.8	39000	
<b>Snowbird/TWD</b>	1378	1203	175	7276	6352	924	87.3	12.7	31500	
<b>Ogolan/TWD</b>	1425	1193	232	7524	6299	1225	83.7	16.3	34400	
<b>Curlew/TWD</b>	1598	1171	427	8437	6183	2255	73.3	26.7	42300	
<b>Avocet/TWD</b>	1489	1300	189	7862	6864	998	87.3	12.7	33500	
<b>Bluejay/TWD</b>	1542	1290	252	8142	6811	1331	83.7	16.3	37200	

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Code Word	Nominal Weight Pounds <sup>1</sup>								Rated Strength Pounds <sup>2</sup>
	Per 1000 ft			Per Mile			Percent Total Weight		
	Total	Al	Steel	Total	Al	Steel	Al	Steel	
<b>Finch/TWD</b>	1716	1264	452	9060	6674	2387	73.7	26.3	46400
<b>Oxbird/TWD</b>	1593	1391	202	8411	7344	1067	86.3	12.7	36000
<b>Bunting/TWD</b>	1654	1384	270	8733	7308	1426	83.7	16.3	39100
<b>Grackle/TWD</b>	1829	1347	482	9657	7112	2545	73.6	26.4	49500
<b>Sdssor1aiVTWD</b>	1701	1486	215	8981	7846	1135	87.3	12.7	38300
<b>Bitern/TWD</b>	1764	1476	288	9314	7793	1521	83.7	16.3	41900
<b>PheasantfTWD</b>	1974	1454	520	10423	7677	2746	73.7	26.3	53300
<b>Ringdove/TWD</b>	1805	1576	229	9530	8321	1209	87.3	12.7	40800
<b>Dipper/TWD</b>	1842	1541	301	9726	8136	1589	83.7	16.3	43400
<b>Ma6n1T)ND</b>	2104	1551	553	11109	8189	2920	73.7	26.3	56800
<b>Popinjay/TWD</b>	1912	1670	242	10095	8818	1278	87.3	12.7	43200
<b>Bobolink/M</b>	1961	1641	320	10354	8864	1690	83.7	16.3	46200
<b>Plover/M</b>	2226	1640	586	11753	8659	3094	73.7	26.3	60200
<b>Nuthatch/TWD</b>	2073	1735	338	10945	9161	1785	83.7	16.3	48800
<b>Ratite/TWD</b>	2112	1845	267	11151	9742	1410	87.4	12.6	47600
<b>Lapwing/TWD</b>	2187	1832	355	11547	9673	1874	83.8	16.2	51400
<b>Falcon/TWD</b>	2484	1830	654	13116	9662	3453	73.7	26.3	66500
<b>ChukarrWD</b>	2519	2048	471	13300	10813	2487	81.3	18.7	61100
<b>Seahawk/TWD</b>	2381	2185	196	12572	11537	1035	91.8	8.2	50000
<b>BluebirdrFWD</b>	3072	2499	573	16220	13195	3025	81.4	18.6	73900
<b>Kiwi/TWD</b>	2849	2532	317	15043	13369	1674	88.9	11.1	61800
<b>Thrasher/TWD</b>	3115	2701	414	16447	14261	2186	86.7	13.3	69200
<b>Joree/TWD</b>	3392	2940	452	17910	15523	2387	86.7	13.3	75200

<sup>1</sup>. Nominal conductor weights are based on nominal lay lengths. Actual weights will vary within standard wire tolerances and lay lengths, Invoicing will be based on actual weights

<sup>2</sup>. Rated strength with standard weight zinc coated steel core