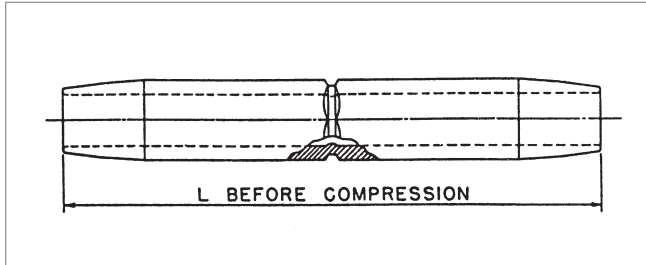


Jumper Connectors—5000 Series for ACSR Conductors



Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Example:

For 795 Drake conductor, the complete catalog number is:

5030.116

The 5000 Series Jumper Connector is designed for ACSR conductors. The jumper connector is fabricated from AFL seamless drawn aluminum. All jumper connectors are designed for limited tension use, maintaining a minimum of 40% of the ASTM rated strength of the conductor on which it is being used.

For die size sections 30AH and above, the end tapers of the compression portions of all compression accessories are supplied with a high voltage finish.

JUMPER CONNECTOR CATALOG NUMBER	CODE NAME	CONDUCTOR			DIE SIZE ALUMINUM HEX DIES	TOTAL WEIGHT		DIMENSION L	
		SIZE	STRANDING	DIA.		LBS	KG	IN	MM
		KCMIL	AL/ST	IN					
5074.438	Raven	1/0	6/1	0.398	74AH	0.3	0.11	7.0	178
5074.484	Quail	2/0	6/1	0.447	74AH	0.2	0.10	7.0	178
5075.547	Pigeon	3/0	6/1	0.502	75AH	0.4	0.20	8.0	203
5075.609	Penguin	4/0	6/1	0.563	75AH	0.4	0.18	8.0	203
5076.656	Waxwing	266.8	18/1	0.609	76AH	0.7	0.31	9.0	229
5076.688	Owl	266.8	6/7	0.633	76AH	0.7	0.29	9.0	229
5076.688	Partridge	266.8	26/7	0.642	76AH	0.7	0.29	9.0	229
5076.719	Ostrich	300.0	26/7	0.680	76AH	0.6	0.28	9.0	229
5076.719	Merlin	336.4	18/1	0.684	76AH	0.6	0.28	9.0	229
5076.781	Linnet	336.4	26/7	0.720	76AH	0.6	0.27	9.0	229
5076.781	Chickadee	397.5	18/1	0.743	76AH	0.6	0.27	9.0	229
5020.781	Linnet	336.4	26/7	0.720	20AH	0.7	0.33	10.0	254
5020.781	Oriole	336.4	30/7	0.741	20AH	0.7	0.33	10.0	254
5020.781	Chickadee	397.5	18/1	0.743	20AH	0.7	0.33	10.0	254
5020.812	Brant	397.5	24/7	0.772	20AH	0.7	0.31	10.0	254
5020.844	Ibis	397.5	26/7	0.783	20AH	0.6	0.29	10.0	254
5020.844	Lark	397.5	30/7	0.806	20AH	0.6	0.29	10.0	254
5024.875	Pelican	477.0	18/1	0.814	24AH	1.2	0.54	11.0	279

Notes:

1. AFL Filler Compound (AFC) Requirements are on page 115.
2. Installation Instructions for Jumper Connectors are on page 143.

Jumper Connectors—5000 Series for ACSR Conductors (cont.)

JUMPER CONNECTOR CATALOG NUMBER	CODE NAME	CONDUCTOR			DIE SIZE	TOTAL WEIGHT		DIMENSION L	
		SIZE	STRANDING	DIA.		ALUMINUM HEX DIES	LBS	KG	IN
		KCMIL	AL/ST	IN					
5024.938	Flicker	477.0	24/7	0.846	24AH	1.1	0.50	11.0	279
5024.938	Hawk	477.0	26/7	0.858	24AH	1.1	0.50	11.0	279
5024.938	Hen	477.0	30/7	0.883	24AH	1.1	0.50	11.0	279
5024.938	Osprey	556.5	18/1	0.879	24AH	1.1	0.50	11.0	279
5024.969	Parakeet	556.5	24/7	0.914	24AH	1.0	0.45	11.0	279
5024.969	Dove	556.5	26/7	0.927	24AH	1.0	0.45	11.0	279
5027.100	Eagle	556.5	30/7	0.953	27AH	1.6	0.73	12.0	305
5027.100	Peacock	605.0	24/7	0.953	27AH	1.6	0.73	12.0	305
5027.100	Squab	605.0	26/7	0.966	27AH	1.6	0.73	12.0	305
5027.100	Swift	636.0	36/1	0.930	27AH	1.6	0.73	12.0	305
5027.100	Kingbird	636.0	18/1	0.940	27AH	1.6	0.73	12.0	305
5027.106	Teal	605.0	30/19	0.994	27AH	1.5	0.68	12.0	305
5027.106	Rook	636.0	24/7	0.977	27AH	1.5	0.68	12.0	305
5027.106	Grosbeak	636.0	26/7	0.990	27AH	1.5	0.68	12.0	305
5027.106	Egret	636.0	30/19	1.019	27AH	1.5	0.68	12.0	305
5027.106	Flamingo	666.6	24/7	1.000	27AH	1.5	0.68	12.0	305
5030.109	Stilt	715.5	24/7	1.036	30AH	2.1	0.95	13.0	330
5030.109	Starling	715.5	26/7	1.051	30AH	2.1	0.95	13.0	330
5030.116	Redwing	715.5	30/19	1.081	30AH	2.0	0.91	13.0	330
5030.109	Coot	795.0	36/1	1.040	30AH	2.1	0.95	13.0	330
5030.116	Tern	795.0	45/7	1.063	30AH	2.0	0.91	13.0	330
5030.116	Condor	795.0	54/7	1.093	30AH	2.0	0.91	13.0	330
5030.116	Drake	795.0	26/7	1.108	30AH	2.0	0.91	13.0	330
5030.122	Mallard	795.0	30/19	1.140	30AH	1.8	0.82	13.0	330
5030.116	Cuckoo	795.0	24/7	1.092	30AH	2.0	0.91	13.0	330
5030.122	Ruddy	900.0	45/7	1.131	30AH	1.8	0.82	13.0	330
5030.122	Canary	900.0	54/7	1.162	30AH	1.8	0.82	13.0	330
5030.122	Catbird	954.0	36/1	1.140	30AH	1.8	0.82	13.0	330
5030.122	Rail	954.0	45/7	1.165	30AH	1.8	0.82	13.0	330
5030.125	Cardinal	954.0	54/7	1.196	30AH	1.8	0.82	13.0	330
5030.125	Tanager	1033.5	36/1	1.186	30AH	1.8	0.82	13.0	330
5034.128	Ortolan	1033.5	45/7	1.212	34AH	2.8	1.27	14.0	356
5034.134	Curllew	1033.5	54/7	1.244	34AH	2.6	1.18	14.0	356
5034.134	Bluejay	1113.0	45/7	1.259	34AH	2.6	1.18	14.0	356
5034.138	Bunting	1192.5	45/7	1.302	34AH	2.5	1.13	14.0	356
5036.144	Bittern	1272.0	45/7	1.345	36AH	3.2	1.45	15.0	381
5036.147	Pheasant	1272.0	54/19	1.382	36AH	3.1	1.41	15.0	381
5036.147	Dipper	1351.5	45/7	1.386	36AH	3.1	1.41	15.0	381
5038.150	Martin	1351.5	54/19	1.424	38AH	4.0	1.81	16.0	406
5038.150	Bobolink	1431.0	45/7	1.427	38AH	4.0	1.81	16.0	406
5038.156	Plover	1431.0	54/19	1.465	38AH	3.8	1.72	16.0	406
5038.156	Nuthatch	1510.5	45/7	1.466	38AH	3.8	1.72	16.0	406

Jumper Connectors—5000 Series for ACSR Conductors (cont.)

JUMPER CONNECTOR CATALOG NUMBER	CODE NAME	CONDUCTOR			DIE SIZE	TOTAL WEIGHT		DIMENSION L	
		SIZE	STRANDING	DIA.	ALUMINUM HEX DIES	LBS	KG	IN	MM
		KCMIL	AL/ST	IN					
5040.162	Parrot	1510.5	54/19	1.506	40AH	4.5	2.04	17.0	432
5040.162	Lapwing	1590.0	45/7	1.504	40AH	4.5	2.04	17.0	432
5040.162	Falcon	1590.0	54/19	1.545	40AH	4.5	2.04	17.0	432
5042.178	Chukar	1780.0	84/19	1.602	42AH	4.6	2.09	17.0	432
5042.178	—	2034.0	72/7	1.681	42AH	4.6	2.09	17.0	432
5044.184	Bluebird	2156.0	84/19	1.762	44AH	5.4	2.45	17.0	432
5044.181	Kiwi	2167.0	72/7	1.737	44AH	5.4	2.45	17.0	432
5044.188	Thrasher	2312.0	76/19	1.802	44AH	5.0	2.27	17.0	432
5048.197	Joree	2515.0	76/19	1.880	48AH	7.3	3.31	19.0	483