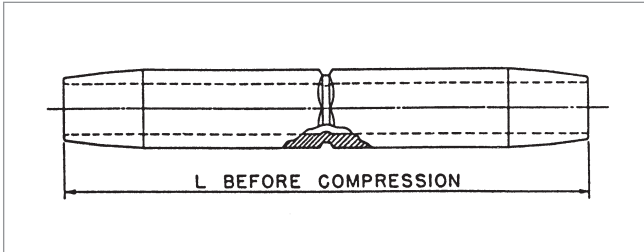


HiTemp Jumper Connector for ACSS/TW Conductor, 5000HT Series



The 5000HT Series Jumper Connector is specifically designed for ACSS and ACSS/TW conductors. The HiTemp Jumper Connector is fabricated from a specially tempered aluminum that will transfer elevated current and dissipate increased heat more efficiently. All HiTemp Jumper Connectors are designed for limited tension use, maintaining a minimum of 40% of the ASTM rated strength of the conductor. For die sizes 30AH and above, end tapers of the compression portions of all compression accessories are supplied with a high voltage finish.

Ordering Instructions

Step 1: Assembly Catalog Number

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

Example:

For 954 Cardinal ACSS/TW Conductor, the complete catalog number is:

5030.125HT

Notes:

1. HiTemp AFL Filler Compound (AFCHT) Requirements are on page 340.
2. Installation Instructions for Jumper Connectors are on page 350.
3. For more information on die selection and ordering instructions, see the Tools and Equipment section of this catalog.

CATALOG NUMBER	CONDUCTOR					DIE SIZE	WEIGHT		TOTAL LENGTH L	
	CODE NAME	SIZE	TYPE	STRANDING	DIAMETER		LBS	KG	IN	MM
		KCMIL		AL/ST	IN					
5020.781HT	Oriole/ACSS/TW	336.4	23	18/7	0.693	20AH	1.0	0.5	17.0	431
5024.938HT	Flicker/ACSS/TW	477.0	13	18/7	0.776	24AH	2.0	0.9	19.0	482
5024.938HT	Hawk/ACSS/TW	477.0	16	18/7	0.789	24AH	2.0	0.9	19.0	482
5024.938HT	Hen/ACSS/TW	477.0	23	18/7	0.825	24AH	2.0	0.9	19.0	482
5024.969HT	Parakeet/ACSS/TW	556.5	13	18/7	0.835	24AH	1.9	0.9	19.0	482
5024.969HT	Dove/ACSS/TW	556.5	16	20/7	0.852	24AH	1.9	0.9	19.0	482
5024.969HT	Calumet/ACSS/TW	565.3	16	18/7	0.858	24AH	1.9	0.9	19.0	482
5024.969HT	Mohawk/ACSS/TW	571.7	13	18/7	0.846	24AH	1.9	0.9	19.0	482
5027.106HT	Rook/ACSS/TW	636.0	13	19/7	0.890	27AH	2.6	1.2	20.0	508
5027.106HT	Grosbeak/ACSS/TW	636.0	16	20/7	0.908	27AH	2.6	1.2	20.0	508
5027.106HT	Scoter/ACSS/TW	636.0	23	18/7	0.953	27AH	2.6	1.2	20.0	508
5027.106HT	Oswego/ACSS/TW	664.8	16	20/7	0.927	27AH	2.6	1.2	20.0	508
5027.106HT	Mystic/ACSS/TW	666.6	13	20/7	0.913	27AH	2.6	1.2	20.0	508
5030.116HT	Wabash/ACSS/TW	762.8	16	20/7	0.990	30AH	3.4	1.6	21.0	533
5030.116HT	Maumee/ACSS/TW	768.2	13	20/7	0.977	30AH	3.4	1.6	21.0	533
5030.116HT	Tern/ACSS/TW	795.0	7	17/7	0.960	30AH	3.4	1.6	21.0	533
5030.116HT	Puffin/ACSS/TW	795.0	10	18/7	0.980	30AH	3.4	1.6	21.0	533
5030.116HT	Condor/ACSS/TW	795.0	13	20/7	0.993	30AH	3.4	1.6	21.0	533
5030.122HT	Drake/ACSS/TW	795.0	16	20/7	1.010	30AH	3.4	1.6	21.0	533
5030.122HT	Canary/ACSS/TW	900.0	13	30/7	1.055	30AH	3.2	1.5	21.0	533
5030.122HT	Fraser/ACSS/TW	946.7	10	35/7	1.077	30AH	3.2	1.5	21.0	533
5030.122HT	Phoenix/ACSS/TW	954.0	5	30/7	1.044	30AH	3.2	1.5	21.0	533
5030.122HT	Rail/ACSS/TW	954.0	7	32/7	1.061	30AH	3.2	1.5	21.0	533
5030.125HT	Cardinal/ACSS/TW	954.0	13	20/7	1.084	30AH	3.0	1.4	21.0	533
5030.122HT	Kettle/ACSS/TW	957.2	7	32/7	1.060	30AH	3.2	1.5	21.0	533

HiTemp Jumper Connector for ACSS/TW Conductor, 5000HT Series (cont.)

ACCESSORIES
ACSS/TW

CATALOG NUMBER	CODE NAME	CONDUCTOR				DIE SIZE	WEIGHT		TOTAL LENGTH L	
		SIZE	TYPE	STRANDING	DIAMETER		LBS	KG	IN	MM
5030.122HT	Suwannee/ACSS/TW	959.6	16	22/7	1.108	30AH	3.2	1.5	21.0	533
5030.122HT	Columbia/ACSS/TW	966.2	13	21/7	1.092	30AH	3.2	1.5	21.0	533
5034.128HT	Snowbird/ACSS/TW	1033.5	5	30/7	1.089	34AH	4.7	2.1	22.0	558
5034.128HT	Ortolan/ACSS/TW	1033.5	7	32/7	1.102	34AH	4.7	2.1	22.0	558
5034.134HT	Curlew/ACSS/TW	1033.5	13	22/7	1.128	34AH	4.3	2.0	22.0	558
5034.128HT	—	1080.0	7	20/7	1.131	34AH	4.7	2.1	22.0	558
5034.128HT	Avocet/ACSS/TW	1113.0	5	30/7	1.129	34AH	4.7	2.1	22.0	558
5034.134HT	Bluejay/ACSS/TW	1113.0	7	33/7	1.143	34AH	4.3	2.0	22.0	558
5034.138HT	Finch/ACSS/TW	1113.0	13	38/19	1.185	34AH	4.3	2.0	22.0	558
5034.134HT	Genesee/ACSS/TW	1158.0	7	33/7	1.165	34AH	4.3	2.0	22.0	558
5034.138HT	Hudson/ACSS/TW	1158.4	13	26/7	1.196	34AH	4.4	2.0	22.0	558
5034.134HT	Cheyenne/ACSS/TW	1168.1	5	30/7	1.155	34AH	4.3	2.0	22.0	558
5034.138HT	Oxbird/ACSS/TW	1192.5	5	30/7	1.167	34AH	4.4	2.0	22.0	558
5034.138HT	Bunting/ACSS/TW	1192.5	7	33/7	1.181	34AH	4.4	2.0	22.0	558
5036.144HT	Grackle/ACSS/TW	1192.5	13	38/19	1.225	36AH	5.1	2.3	23.0	584
5034.138HT	Yukon/ACSS/TW	1233.6	13	38/19	1.245	34AH	4.4	2.0	22.0	558
5034.138HT	Nelson/ACSS/TW	1257.1	7	35/7	1.213	34AH	4.4	2.0	22.0	558
5036.144HT	Scissortail/ACSS/TW	1272.0	5	30/7	1.202	36AH	5.1	2.3	23.0	584
5034.138HT	Catawba/ACSS/TW	1272.0	5	30/7	1.203	34AH	4.4	2.0	22.0	558
5036.144HT	Bittern/ACSS/TW	1272.0	7	35/7	1.220	36AH	5.1	2.3	23.0	584
5036.147HT	Pheasant/ACSS/TW	1272.0	13	39/19	1.264	36AH	5.0	2.3	23.0	584
5036.144HT	Thames/ACSS/TW	1334.6	13	39/19	1.290	36AH	5.1	2.3	23.0	584
5036.147HT	Dipper/ACSS/TW	1351.5	7	35/7	1.256	36AH	5.0	2.3	23.0	584
5038.150HT	Martin/ACSS/TW	1351.5	13	39/19	1.300	38AH	6.0	2.7	24.0	609
5036.144HT	Mackenzie/ACSS/TW	1359.7	7	36/7	1.259	36AH	5.1	2.3	23.0	584
5034.138HT	Truckee/ACSS/TW	1372.5	5	30/7	1.248	34AH	4.4	2.0	22.0	558
5038.150HT	Bobolink/ACSS/TW	1431.0	7	36/7	1.291	38AH	6.0	2.7	24.0	609
5038.156HT	Plover/ACSS/TW	1431.0	13	37/19	1.337	38AH	5.7	2.6	24.0	609
5038.156HT	Merrimack/ACSS/TW	1433.6	13	39/19	1.340	38AH	5.7	2.6	24.0	609
5038.156HT	Miramichi/ACSS/TW	1455.3	7	36/7	1.302	38AH	5.7	2.6	24.0	609
5038.156HT	St. Croix/ACSS/TW	1467.8	5	33/7	1.292	38AH	5.7	2.6	24.0	609
5038.156HT	Rio Grande/ACSS/TW	1533.3	13	39/19	1.382	38AH	5.7	2.6	24.0	609
5038.156HT	Potomac/ACSS/TW	1557.4	7	36/7	1.345	38AH	5.7	2.6	24.0	609
5038.156HT	Platte/ACSS/TW	1569.0	5	33/7	1.334	38AH	5.7	2.6	24.0	609
5040.162HT	Lapwing/ACSS/TW	1590.0	7	36/7	1.358	40AH	6.7	3.1	25.0	635
5040.162HT	Falcon/ACSS/TW	1590.0	13	42/19	1.408	40AH	6.7	3.1	25.0	635
5040.162HT	Pecos/ACSS/TW	1622.0	13	39/19	1.424	40AH	6.7	3.1	25.0	635
5040.162HT	Schuykill/ACSS/TW	1657.4	7	36/7	1.386	40AH	6.7	3.1	25.0	635
5042.168HT	James/ACSS/TW	1730.6	13	34/19	1.470	42AH	7.0	3.2	25.0	635
5040.162HT	Pee Dee/ACSS/TW	1758.6	7	37/7	1.427	40AH	6.7	3.1	25.0	635
5042.178HT	Chukar/ACSS/TW	1780.0	8	37/19	1.445	42AH	7.0	3.2	25.0	635
5042.178HT	Cumberland/ACSS/TW	1926.9	13	42/19	1.545	42AH	7.0	3.2	25.0	635
5042.178HT	Athabaska/ACSS/TW	1949.6	7	42/7	1.504	42AH	7.0	3.2	25.0	635
5044.184HT	Powder/ACSS/TW	2153.8	8	64/19	1.602	44AH	7.8	3.6	25.0	635
5044.184HT	Bluebird/ACSS/TW	2156.0	8	64/19	1.608	44AH	7.8	3.6	25.0	635
5048.191HT	Santee/ACSS/TW	2627.3	8	64/19	1.762	48AH	8.9	4.0	27.0	682