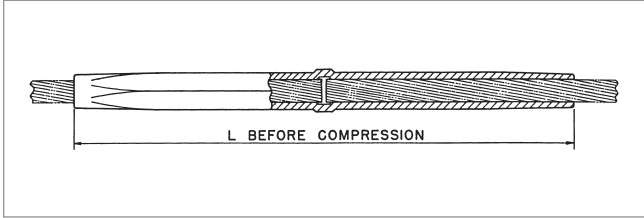


Compression Joints—7000 Series for AAC Conductors



Ordering Instructions

Step 1: Assembly Catalog Number

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

Example:

For 795 Arbutus Conductor, the complete catalog number is:

7030.109

The 7000 Series Compression Joint is specifically designed for AAC conductors. The aluminum joint is fabricated from AFL seamless drawn aluminum.

All compression joints are designed for full tension use, achieving a minimum of 95% of the ASTM rated strength of the conductor on which they are 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.

ALUMINUM JOINT CATALOG NUMBER	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE	WEIGHT		DIMENSION L	
	CODE WORD	AWG OR KCMIL	STRANDING	DIA.		LBS	KG	IN	MM
			AL	IN					
7071.219	Peachbell	6	7	0.184	71AH	0.1	0.02	4.5	114
7071.250	Rose	4	7	0.232	71AH	0.1	0.02	5.0	127
7072.312	Iris	2	7	0.292	72AH	0.1	0.06	6.6	168
7073.391	Poppy	1/0	7	0.368	73AH	0.2	0.07	8.4	213
7074.438	Aster	2/0	7	0.414	74AH	0.4	0.17	10.1	257
7074.484	Phlox	3/0	7	0.464	74AH	0.4	0.16	10.1	257
7075.547	Oxlip	4/0	7	0.522	75AH	0.6	0.29	11.9	302
7075.609	Valerian	250.0	19	0.575	75AH	0.6	0.26	11.9	302
7075.609	Laurel	266.8	19	0.593	75AH	0.6	0.26	11.9	302
7076.656	Peony	300.0	19	0.629	76AH	1.0	0.45	15.1	384
7076.688	Tulip	336.4	19	0.666	76AH	1.0	0.44	15.1	384
7020.719	Daffodil	350.0	19	0.681	20AH	1.2	0.54	15.0	381
7076.750	Canna	397.5	19	0.724	76AH	0.9	0.40	15.1	384
7020.812	Goldentuft	450.0	19	0.772	20AH	1.0	0.45	15.0	381
7020.812	Yarrow	450.0	37	0.772	20AH	1.0	0.45	15.0	381
7020.812	Cosmos	477.0	19	0.793	20AH	1.0	0.45	15.0	381
7024.875	Syringa	477.0	37	0.795	24AH	1.8	0.82	16.0	406
7024.875	Zinna	500.0	19	0.811	24AH	1.8	0.82	16.0	406

Notes:

1. AFL Filler Compound (AFC) Requirements are on page 115.
2. Installation Instructions for Joints are on page 137.

Compression Joints—7000 Series for AAC Conductors (cont.)

ALUMINUM JOINT CATALOG NUMBER	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE	WEIGHT		DIMENSION L	
	CODE WORD	AWG OR KCMIL	STRANDING	DIA.		LBS	KG	IN	MM
			AL	IN					
7024.875	Hyacinth	500.0	37	0.813	24AH	1.8	0.82	16.0	406
7024.938	Dahlia	556.5	19	0.856	24AH	1.6	0.73	16.0	406
7024.938	Mistletoe	556.5	37	0.858	24AH	1.6	0.73	16.0	406
7024.938	Meadowsweet	600.0	37	0.891	24AH	1.6	0.73	16.0	406
7024.969	Orchid	636.0	37	0.918	24AH	1.5	0.68	16.0	406
7024.969	Heuchera	650.0	37	0.928	24AH	1.5	0.68	16.0	406
7027.100	Flag	700.0	61	0.964	27AH	2.7	1.22	20.0	508
7027.106	Violet	715.5	37	0.974	27AH	2.5	1.13	20.0	508
7027.106	Nasurtium	715.5	61	0.975	27AH	2.5	1.13	20.0	508
7027.106	Petunia	750.0	37	0.997	27AH	2.5	1.13	20.0	508
7027.106	Cattail	750.0	61	0.998	27AH	2.5	1.13	20.0	508
7030.109	Arbutus	795.0	37	1.026	30AH	3.5	1.59	20.0	508
7030.109	Lilac	795.0	61	1.028	30AH	3.5	1.59	20.0	508
7030.109	—	800.0	37	1.031	30AH	3.5	1.59	20.0	508
7030.109	Heliotrope	800.0	61	1.031	30AH	3.5	1.59	20.0	508
7030.116	Snapdragon	900.0	61	1.094	30AH	3.4	1.54	22.0	559
7030.122	Magnolia	954.0	37	1.124	30AH	3.5	1.59	24.5	622
7030.122	Goldenrod	954.0	61	1.126	30AH	3.5	1.59	24.5	622
7030.122	Camellia	1000.0	61	1.152	30AH	3.5	1.59	24.5	622
7030.122	Bluebell	1033.5	37	1.170	30AH	3.5	1.59	24.5	622
7030.122	Larkspur	1033.5	61	1.172	30AH	3.5	1.59	24.5	622
7034.128	Marigold	1113.0	61	1.216	34AH	5.4	2.45	24.0	610
7034.134	Hawthorn	1192.5	61	1.258	34AH	5.3	2.40	25.0	635
7034.134	Narcissus	1272.0	61	1.300	34AH	5.3	2.40	25.0	635
7036.144	Columbine	1351.5	61	1.340	36AH	6.0	2.72	27.0	686
7036.144	Carnation	1431.0	61	1.379	36AH	6.0	2.72	27.0	686
7036.147	—	1500.0	91	1.412	36AH	5.8	2.63	27.0	686
7036.147	Gladiolus	1510.5	61	1.417	36AH	5.8	2.63	27.0	686
7038.156	Coreopsis	1590.0	61	1.454	38AH	6.3	2.86	27.0	686
7038.156	Dogwood	1590.0	91	1.454	38AH	6.3	2.86	27.0	686
7040.162	Jessamine	1750.0	61	1.525	40AH	7.3	3.31	27.0	686
7042.178	Cowslip	2000.0	91	1.630	42AH	8.9	4.04	29.0	737
7044.181	Sagebrush	2250.0	91	1.729	44AH	8.9	4.04	28.4	721
7044.181	—	2300.0	61	1.750	44AH	8.9	4.04	28.4	721
7044.181	—	2300.0	91	1.750	44AH	8.9	4.04	28.4	721
7044.188	Lupine	2500.0	91	1.823	44AH	8.4	3.81	28.4	721
7048.197	Bitterroot	2750.0	91	1.912	48AH	12.7	5.76	33.5	851

AAC ACCESSORIES