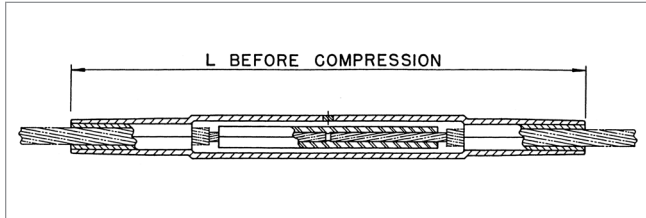


Compression Joints—43000 Series for Extra High Strength ACSR Conductors



Ordering Instructions

Step 1: Assembly Catalog Number

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

Example:

For 203.2 Brahma Conductor, the complete catalog number is:

43008

The 43000 Series Compression Joint Assembly is specifically designed for Extra High Strength ACSR conductors (see page 56 for standard ACSR Compression Joints). The 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. Each compression joint assembly comes with an aluminum joint and a steel sleeve.

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.

JOINT ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM JOINT CATALOG NUMBER	STEEL JOINT CATALOG NUMBER	DIE SIZE		WEIGHT		DIMENSION L	
	CODE NAME	SIZE	STRANDING	DIA.			ALUMINUM HEX DIE	STEEL HEX DIE	LBS	KG	IN	MM
		KCMIL	AL/ST	IN								
43001	Petrel	101.8	12/7	0.461	8420.500	4010.295	20AH	10SH	7.8	6.63	15.3	387
43002	Minorca	110.8	12/7	0.481	8420.531	4010.302	20AH	10SH	1.9	0.82	16.5	419
43003	Leghorn	134.6	12/7	0.530	8424.562	4012.332	24AH	12SH	3.3	1.40	17.5	445
43004	Guinea	159.0	12/7	0.576	8424.625	4012.377	24AH	12SH	3.5	1.45	18.5	470
43005	Dotterel	176.9	12/7	0.607	8424.656	4012.386	24AH	12SH	3.3	1.40	19.3	489
43006	—	183.9	18/12	0.707	8430.750	4016.531	30AH	16SH	6.1	2.64	22.0	559
43007	Dorking	190.8	12/7	0.631	8424.688	4014.406	24AH	14SH	3.3	1.58	19.3	489
43008	Brahma	203.2	16/19	0.714	8430.750	4016.516	30AH	16SH	6.1	2.64	22.0	559
43009	Cochin	211.3	12/7	0.663	8424.719	4014.422	24AH	14SH	3.1	1.49	19.3	489
43010	—	219.9	8/7	0.608	8424.656	4010.295	20AH	10SH	2.2	0.91	16.3	413
43011	—	261.1	12/19	0.738	8430.781	4014.453	30AH	14SH	6.7	2.63	22.0	559

Notes:

1. AFL Filler Compound (AFC) Requirements are on page 115.
2. Installation Instructions for Joints are on page 141.