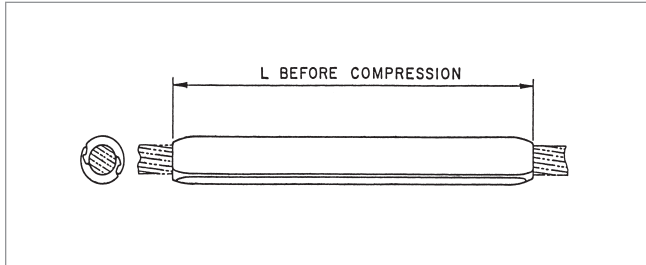


Repair Sleeves—5200 Series for ACSR Conductors



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:

5230.3

The 5200 Series Repair Sleeve is designed for ACSR conductors. The repair sleeve incorporates an improved design of interlocking extrusions, providing a permanent grip on the conductor when compressed.

The repair sleeve will restore 95% of the rated strength of the conductor with up to one-third of the aluminum strands damaged.

REPAIR SLEEVE CATALOG NUMBER	CONDUCTOR				DIE SIZE ALUMINUM HEX DIES	WEIGHT		DIMENSION L	
	CODE NAME	SIZE	STRANDING	DIA.		LBS	KG	IN	MM
		KCMIL	AL/ST	IN					
5274	Raven	1/0	6/1	0.398	74AH	0.2	0.10	7.6	192
5274	Quail	2/0	6/1	0.447	74AH	0.2	0.10	7.6	192
5275	Pigeon	3/0	6/1	0.502	75AH	0.4	0.18	8.6	217
5275	Penguin	4/0	6/1	0.563	75AH	0.4	0.18	8.6	217
5276	Waxwing	266.8	18/1	0.609	76AH	0.7	0.30	10.0	254
5276	Owl	266.8	6/7	0.633	76AH	0.7	0.30	10.0	254
5276	Partridge	266.8	26/7	0.642	76AH	0.7	0.30	10.0	254
5276	Ostrich	300.0	26/7	0.680	76AH	0.7	0.30	10.0	254
5276	Merlin	336.4	18/1	0.684	76AH	0.7	0.30	10.0	254
5276	Linnet	336.4	26/7	0.720	76AH	0.7	0.30	10.0	254
5276	Chickadee	397.5	18/1	0.743	76AH	0.7	0.30	10.0	254
5220.3	Linnet	336.4	26/7	0.720	20AH	1.0	0.45	14.5	368
5220.3	Oriole	336.4	30/7	0.741	20AH	1.0	0.45	14.5	368
5220.3	Chickadee	397.5	18/1	0.743	20AH	1.0	0.45	14.5	368
5220.3	Brant	397.5	24/7	0.772	20AH	1.0	0.45	14.5	368
5220.3	Ibis	397.5	26/7	0.783	20AH	1.0	0.45	14.5	368

Notes:

1. AFL Filler Compound (AFC) Requirements are on page 115.
2. Installation Instructions for Repair Sleeves are on page 142.

Repair Sleeves—5200 Series for ACSR Conductors (cont.)

REPAIR SLEEVE CATALOG NUMBER	CONDUCTOR				DIE SIZE	WEIGHT		DIMENSION L	
	CODE NAME	SIZE	STRANDING	DIA.	ALUMINUM HEX DIES	LBS	KG	IN	MM
		KCMIL	AL/ST	IN					
5220.3	Lark	397.5	30/7	0.806	20AH	1.0	0.45	14.5	368
5224.3	Pelican	477.0	18/1	0.814	24AH	1.7	0.77	15.5	394
5224.3	Flicker	477.0	24/7	0.846	24AH	1.7	0.77	15.5	394
5224.3	Hawk	477.0	26/7	0.858	24AH	1.7	0.77	15.5	394
5224.3	Hen	477.0	30/7	0.883	24AH	1.7	0.77	15.5	394
5224.3	Osprey	556.5	18/1	0.879	24AH	1.7	0.77	15.5	394
5224.3	Parakeet	556.5	24/7	0.914	24AH	1.7	0.77	15.5	394
5224.3	Dove	556.5	26/7	0.927	24AH	1.7	0.77	15.5	394
5227.3	Eagle	556.5	30/7	0.953	27AH	2.6	1.18	18.3	464
5227.3	Peacock	605.0	24/7	0.953	27AH	2.6	1.18	18.3	464
5227.3	Squab	605.0	26/7	0.966	27AH	2.6	1.18	18.3	464
5227.3	Teal	605.0	30/19	0.994	27AH	2.6	1.18	18.3	464
5227.3	Swift	636.0	36/1	0.930	27AH	2.6	1.18	18.3	464
5227.3	Kingbird	636.0	18/1	0.940	27AH	2.6	1.18	18.3	464
5227.3	Rook	636.0	24/7	0.977	27AH	2.6	1.18	18.3	464
5227.3	Grosbeak	636.0	26/7	0.990	27AH	2.6	1.18	18.3	464
5227.3	Egret	636.0	30/19	1.019	27AH	2.6	1.18	18.3	464
5227.3	Flamingo	666.6	24/7	1.000	27AH	2.6	1.18	18.3	464
5230.3	Stilt	715.5	24/7	1.036	30AH	3.0	1.36	19.1	486
5230.3	Starling	715.5	26/7	1.051	30AH	3.0	1.36	19.1	486
5230.3	Redwing	715.5	30/19	1.081	30AH	3.0	1.36	19.1	486
5230.3	Coot	795.0	36/1	1.040	30AH	3.0	1.36	19.1	486
5230.3	Tern	795.0	45/7	1.063	30AH	3.0	1.36	19.1	486
5230.3	Condor	795.0	54/7	1.093	30AH	3.0	1.36	19.1	486
5230.3	Drake	795.0	26/7	1.108	30AH	3.0	1.36	19.1	486
5230.3	Mallard	795.0	30/19	1.140	30AH	3.0	1.36	19.1	486
5230.3	Cuckoo	795.0	24/7	1.092	30AH	3.0	1.36	19.1	486
5230.3	Ruddy	900.0	45/7	1.131	30AH	3.0	1.36	19.1	486
5230.3	Canary	900.0	54/7	1.162	30AH	3.0	1.36	19.1	486
5230.3	Catbird	954.0	36/1	1.140	30AH	3.0	1.36	19.1	486
5230.3	Rail	954.0	45/7	1.165	30AH	3.0	1.36	19.1	486
5230.3	Cardinal	954.0	54/7	1.196	30AH	3.0	1.36	19.1	486
5230.3	Tanager	1033.5	36/1	1.186	30AH	3.0	1.36	19.1	486
5234.3	Ortolan	1033.5	45/7	1.212	34AH	4.2	1.91	20.1	511

Repair Sleeves—5200 Series for ACSR Conductors (cont.)

REPAIR SLEEVE CATALOG NUMBER	CODE NAME	CONDUCTOR			DIE SIZE	WEIGHT		DIMENSION L	
		SIZE	STRANDING	DIA.	ALUMINUM HEX DIES	LBS	KG	IN	MM
		KCMIL	AL/ST	IN					
5234.3	Curlew	1033.5	54/7	1.244	34AH	4.2	1.91	20.1	511
5234.3	Bluejay	1113.0	45/7	1.259	34AH	4.2	1.91	20.1	511
5234.3	Bunting	1192.5	45/7	1.302	34AH	4.2	1.91	20.1	511
5236.3	Bittern	1272.0	45/7	1.345	36AH	4.4	2.00	21.0	533
5236.3	Pheasant	1272.0	54/19	1.382	36AH	4.4	2.00	21.0	533
5236.3	Dipper	1351.5	45/7	1.386	36AH	4.4	2.00	21.0	533
5238.3	Martin	1351.5	54/19	1.424	38AH	5.2	2.36	21.9	556
5238.3	Bobolink	1431.0	45/7	1.427	38AH	5.2	2.36	21.9	556
5238.3	Plover	1431.0	54/19	1.465	38AH	5.2	2.36	21.9	556
5238.3	Nuthatch	1510.5	45/7	1.466	38AH	5.2	2.36	21.9	556
5240.3	Parrot	1510.5	54/19	1.506	40AH	6.1	2.77	22.8	578
5240.3	Lapwing	1590.0	45/7	1.504	40AH	6.1	2.77	22.8	578
5240.3	Falcon	1590.0	54/19	1.545	40AH	6.1	2.77	22.8	578
5242.3	Chukar	1780.0	84/19	1.602	42AH	6.8	3.08	23.6	600
5244.3	—	2034.0	72/7	1.681	44AH	8.7	3.95	24.5	622
5244.3	Bluebird	2156.0	84/19	1.762	44AH	8.7	3.95	24.5	622
5244.3	Kiwi	2167.0	72/7	1.737	44AH	8.7	3.95	24.5	622
5244.3	Thrasher	2312.0	76/19	1.802	44AH	8.7	3.95	24.5	622
5248.3	Joree	2515.0	76/19	1.880	48AH	9.1	4.13	24.5	622