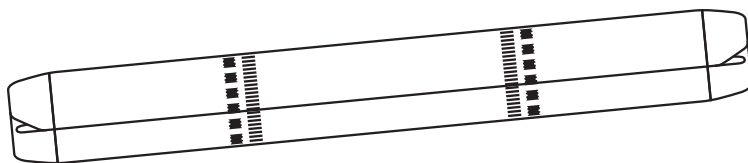
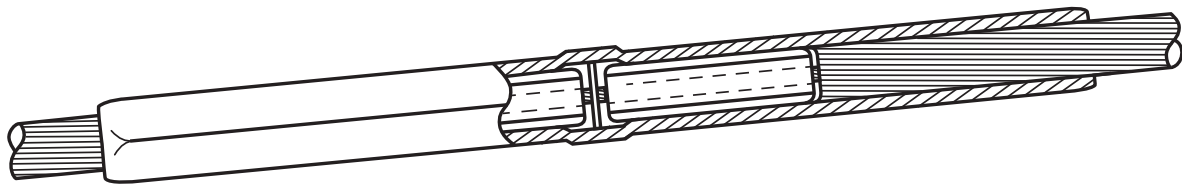


Splices & Sleeves



power



Splices & Sleeves Index

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Splices — Compression

Uni-Grip® (One Die) Full-Tension ACSR Conductors

ALUMINUM

A15

A splice assembly for ACSR consists of a prefilled aluminum body and two core wire gripping units.

Splices are prefilled with inhibitor and barrel ends plugged.

Material: Body – seamless extruded aluminum alloy tube
Gripping Unit – aluminum alloy

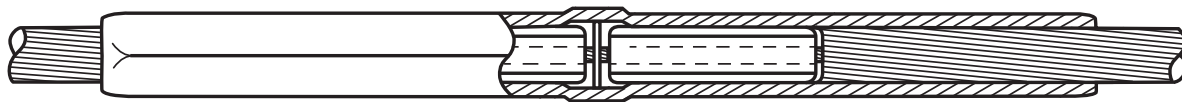
IDENTIFICATION:

SPLICE BODY:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code

CORE GRIPPING UNIT:

Conductor Type, Size & Stranding



Product Data and Conductor Size

Catalog Number	Kcmil	Stranding AL/ST	Code Word	Outside Diameter Inches	Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Approx Wt lb (kg)
A150709	266.8	6/7	Owl	0.633	12.6 (320)	07CD	12	.60 (.27)
A150710	266.8	26/7	Partridge	0.642	12.6 (320)	07CD	12	.60 (.27)
A150811	300.0	26/7	Ostrich	0.680	14.4 (365)	08CD	12	.89 (.40)
A150812	336.4	18/1	Merlin	0.684	14.4 (365)	08CD	12	.89 (.40)
A150813	336.4	26/7	Linnet	0.721	14.4 (365)	08CD	12	.89 (.40)
A150914	336.4	30/7	Oriole	0.741	14.4 (365)	09CD	12	.89 (.40)
A150815	397.5	18/1	Chickadee	0.743	14.4 (365)	08CD	12	.89 (.40)
A150916	397.5	24/7	Brant	0.772	16.2 (411)	09CD	12	1.3 (.58)
A150917	397.5	26/7	Ibis	0.783	16.2 (411)	09CD	12	1.3 (.58)

NOTE: For Extra Length repair splice, add “XL” suffix and repair cutoff length in inches. Example A151021XL24. For Self-Dampening (SD) and Trapezoidal (TW) and metric ACSR conductors consult factory. Splices are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger.

Splices — Compression

Product Data and Conductor Size (continued)

Catalog Number	Kcmil	Stranding AL/ST	Code Word	Outside Diameter Inches	Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Approx Wt lb (kg)
A150919	477.0	18/1	Pelican	0.814	16.2 (411)	09CD	12	1.3 (.58)
A150920	477.0	24/7	Flicker	0.846	16.2 (411)	09CD	12	1.3 (.58)
A1510211	477.0	26/7	Hawk	0.858	18.0 (457)	10CD	60	1.7 (.77)
A151122	477.0	30/7	Hen	0.883	19.8 (502)	11CD	60	2.4 (1.0)
A151023	556.5	18/1	Osprey	0.879	18.0 (457)	10CD	60	1.7 (.77)
A151024	556.5	24/7	Parakeet	0.914	18.0 (457)	10CD	60	1.7 (.77)
A151025	556.5	26/7	Dove	0.927	16.2 (411)	10CD	60	1.7 (.77)
A151126	556.5	30/7	Eagle	0.953	19.8 (502)	11CD	60	2.4 (1.0)
A151127	605.0	24/7	Peacock	0.953	19.8 (502)	11CD	60	2.4 (1.0)
A151128	605.0	26/7	Squab	0.966	19.8 (502)	11CD	60	2.4 (1.0)
A151229	605.0	30/19	Teal	0.994	21.6 (548)	12CD	60	3.0 (1.3)
A151030	636.0	36/1	Swift	0.930	18.0 (457)	10CD	60	1.7 (.77)
A151031	636.0	18/1	Kingbird	0.940	18.0 (457)	10CD	60	1.7 (.77)
A151132	636.0	24/7	Rook	0.977	19.8 (502)	11CD	60	2.4 (1.0)
A151133	636.0	26/7	Grosbeak	0.990	19.8 (502)	11CD	60	2.4 (1.0)
A151234	636.0	30/19	Egret	1.019	21.6 (548)	12CD	60	3.0 (1.3)
A151136	666.6	24/7	Flamingo	1.000	19.8 (502)	11CD	60	2.4 (1.0)
A151137	666.6	26/7	Gannett	1.014	19.8 (502)	11CD	60	2.4 (1.0)
A151138	715.5	24/7	Stilt	1.036	19.8 (502)	11CD	60	2.4 (1.0)
A151239	715.5	26/7	Starling	1.051	21.6 (548)	12CD	60	3.0 (1.3)
A151141	795.0	36/1	Coot	1.040	19.8 (502)	11CD	60	2.4 (1.0)
A151242	795.0	45/7	Tern	1.063	21.6 (548)	12CD	60	3.0 (1.3)
A151243	795.0	24/7	Cuckoo	1.092	21.6 (548)	12CD	60	3.0 (1.3)
A1512441	795.0	54/7	Condor	1.093	21.6 (548)	12CD	60	3.0 (1.3)
A1512451	795.0	26/7	Drake	1.108	21.6 (548)	12CD	60	3.0 (1.3)
A151346	795.0	30/19	Mallard	1.140	23.4 (594)	13CD	60	3.7 (1.6)
A151247	900.0	45/7	Ruddy	1.131	21.6 (548)	12CD	60	3.0 (1.3)
A151348	900.0	54/7	Canary	1.162	23.4 (594)	13CD	60	3.7 (1.6)
A151249	954.0	36/1	Catbird	1.140	21.6 (548)	12CD	60	3.0 (1.3)

Splices — Compression

Product Data and Conductor Size (continued)

Catalog Number	Kcmil	Stranding AL/ST	Code Word	Outside Diameter Inches	Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Approx Wt lb (kg)
A151350	954.0	45/7	Rail	1.165	23.4 (594)	13CD	60	3.7 (1.6)
A1513511	954.0	54/7	Cardinal	1.196	23.4 (594)	13CD	60	3.7 (1.6)
A151353	1033.5	45/7	Ortolan	1.213	23.4 (594)	13CD	60	3.7 (1.6)
A151454	1033.5	54/7	Curlew	1.246	25.2 (640)	14CD	60	4.8 (2.1)
A151455	1113.0	45/7	Bluejay	1.259	25.2 (640)	14CD	60	4.8 (2.1)
A151456	1113.0	54/19	Finch	1.293	25.2 (640)	14CD	60	4.8 (2.1)
A151457	1192.5	45/7	Bunting	1.302	25.2 (640)	14CD	60	4.8 (2.1)
A151558	1192.5	54/19	Grackle	1.333	27.0 (685)	15CD	60	5.9 (2.6)
A1515591	1272.0	45/7	Bittern	1.345	27.0 (685)	15CD	60	5.9 (2.6)
A151560	1272.0	54/19	Pheasant	1.382	27.0 (685)	15CD	60	5.9 (2.6)
A151561	1351.5	45/7	Dipper	1.386	27.0 (685)	15CD	60	5.9 (2.6)
A151562	1351.5	54/19	Martin	1.424	27.0 (685)	15CD	60	5.9 (2.6)
A151663	1431.0	45/7	Bobolink	1.427	28.8 (731)	16CD	60	7.2 (3.2)
A151667	1590.0	45/7	Lapwing	1.502	28.8 (731)	16CD	60	7.2 (3.2)
A1517681	1590.0	54/19	Falcon	1.545	30.6 (777)	17CD	60	8.5 (3.8)
A151769	1780.0	84/19	Chukar	1.602	30.6 (777)	17CD	60	8.5 (3.8)
A151770	1869.0	68/7	Seahawk	1.603	30.6 (777)	17CD	60	8.5 (3.8)
A151871	2034.5	72/7	Mockingbird	1.681	32.4 (822)	18CD	100	10.0 (4.5)
A151972	2156.0	84/19	Bluebird	1.762	34.2 (868)	19CD	100	11.9 (5.3)
A151973	2167.0	72/7	Kiwi	1.735	34.2 (868)	19CD	100	11.9 (5.3)
A151974	2312.0	76/19	Thrasher	1.802	34.2 (868)	19CD	100	11.9 (5.3)
A152075	2515.0	76/19	Joree	1.880	36.0 (914)	20CD	100	14.0 (6.3)

Splices — Compression

Uni-Grip® (One Die) Full-Tension AAAC and ACAR Conductors

ALUMINUM

AB15

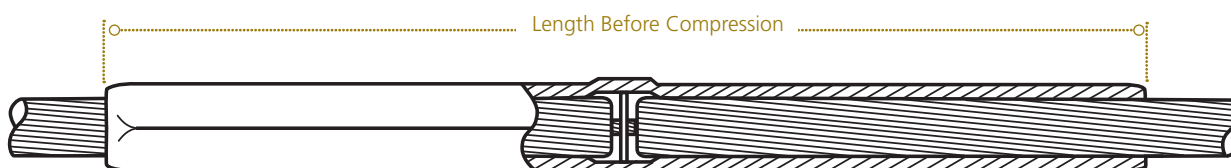
A splice assembly for alloy consists of a prefilled aluminum body.

Splices are prefilled with inhibitor and barrel ends plugged.

Material: Body – seamless extruded aluminum alloy tube

IDENTIFICATION:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code



Product Data and Conductor Size

Catalog Number	Conductor Outside Diameter Range Inches	AAAC /ACAR Kcmil Range	Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons
AB150707	0.595-0.680	281.4-312.8	12.6 (320)	07CD	12
AB150808	0.681-0.765	394.5-419.6	14.4 (365)	08CD	12
AB150909	0.772-0.855	465.4-503.6	16.2 (411)	09CD	12
AB151010	0.856-0.950	545.0-657.3	19.8 (502)	10CD	60
AB151111	0.940-1.036	739.8-740.8	21.6 (548)	11CD	60
AB151212	1.026-1.131	833.6-932.6	23.4 (594)	12CD	60
AB151313	1.140-1.235	1000-1127	25.2 (640)	13CD	60
AB151414	1.236-1.330	1172-1300	27.0 (685)	14CD	60
AB151515	1.331-1.425	1361-1500	28.8 (731)	15CD	60
AB151616	1.426-1.520	1534-1703	30.6 (777)	16CD	60
AB151717	1.521-1.615	1750-1933	32.4 (822)	17CD	100
AB151919	1.630-1.805	2000-2300	34.2 (868)	19CD	100
AB152020	1.806-1.900	2493-2500	36.0 (914)	20CD	100

NOTE: For Extra Length repair splice, add "XL" suffix and repair cutoff length in inches Example A15 1021 XL 24. Splices are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger.

Splices — Compression

Uni-Grip® (One Die) Full-Tension AAC Conductors

ALUMINUM

C15

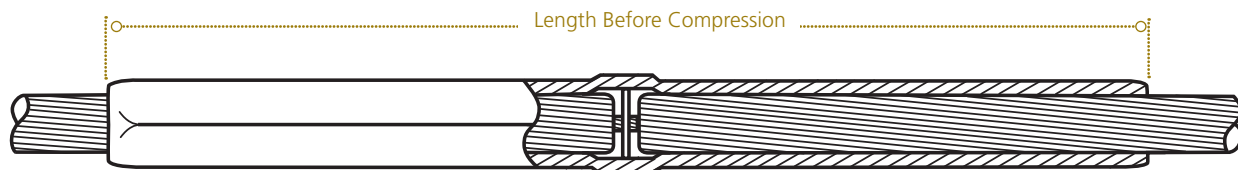
A splice assembly for alloy consists of a prefilled aluminum body.

Splices are prefilled with inhibitor and barrel ends plugged.

Material: Body – seamless extruded aluminum alloy tube

IDENTIFICATION:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code



Product Data and Conductor Size

Catalog Number	Kcmil	Strands	Code Word	Outside Diameter Inches	Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Approx Wt lb (kg)
C150707	300.0	19	Peony	0.629	8.4 (213)	07CD	12	.40 (.18)
C150707	336.4	19	Tulip	0.666	8.4 (213)	07CD	12	.40 (.18)
C150707	350.0	19	Daffodil	0.679	8.4 (213)	07CD	12	.40 (.18)
C150808	397.5	19	Canna	0.724	9.6 (243)	08CD	12	.59 (.26)
C150808	400.0	19	Four-O'Clock	0.726	9.6 (243)	08CD	12	.59 (.26)
C150909	450.0	19	Goldentuft	0.770	10.8 (274)	09CD	12	.85 (.38)
C150909	450.0	37	Yarrow	0.772	10.8 (274)	09CD	12	.85 (.38)
C150909	477.0	19	Cosmos	0.792	10.8 (274)	09CD	12	.85 (.38)
C150909	477.0	37	Syringa	0.795	10.8 (274)	09CD	12	.85 (.38)
C150909	500.0	19	Zinnia	0.811	10.8 (274)	09CD	12	.85 (.38)
C150909	500.0	37	Hyacinth	0.813	10.8 (274)	09CD	12	.85 (.38)
C150909	550.0	37	Ganzania	0.853	10.8 (274)	09CD	12	.85 (.38)
C151010	556.5	19	Dahlia	0.856	12.0 (304)	10CD	60	1.1 (.49)
C151010	556.5	37	Mistletoe	0.858	12.0 (304)	10CD	60	1.1 (.49)
C151010	600.0	37	Meadowsweet	0.891	12.0 (304)	10CD	60	1.1 (.49)
C151010	636.0	37	Orchid	0.918	12.0 (304)	10CD	60	1.1 (.49)
C151010	650.0	37	Heuchera	0.928	12.0 (304)	10CD	60	1.1 (.49)
C151111	700.0	37	Verbena	0.963	13.2 (335)	11CD	60	1.5 (.68)

Splices — Compression

Product Data and Conductor Size (continued)

Catalog Number	Kcmil	Strands	Code Word	Outside Diameter Inches	Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Approx Wt lb (kg)
C151111	700.0	61	Flag	0.964	13.2 (335)	11CD	60	1.5 (.68)
C151111	715.5	37	Violet	0.974	13.2 (335)	11CD	60	1.5 (.68)
C151111	715.5	61	Nasturtium	0.975	13.2 (335)	11CD	60	1.5 (.68)
C151111	750.0	37	Petunia	0.997	13.2 (335)	11CD	60	1.5 (.68)
C151111	750.0	61	Cattail	0.998	13.2 (335)	11CD	60	1.5 (.68)
C151111	795.0	37	Arbutus	1.026	13.2 (335)	11CD	60	1.5 (.68)
C151111	795.0	61	Lilac	1.028	13.2 (335)	11CD	60	1.5 (.68)
C151111	800.0	37	Fuchsia	1.029	13.2 (335)	11CD	60	1.5 (.68)
C151111	800.0	61	Heliotrope	1.031	13.2 (335)	11CD	60	1.5 (.68)
C151212	874.5	37	Anemone	1.077	14.4 (365)	12CD	60	2.0 (.90)
C151212	874.5	61	Crocus	1.078	14.4 (365)	12CD	60	2.0 (.90)
C151212	900.0	37	Cockscomb	1.092	14.4 (365)	12CD	60	2.0 (.90)
C151212	900.0	61	Snapdragon	1.094	14.4 (365)	12CD	60	2.0 (.90)
C151212	954.0	37	Magnolia	1.124	14.4 (365)	12CD	60	2.0 (.90)
C151212	954.0	61	Goldenrod	1.126	14.4 (365)	12CD	60	2.0 (.90)
C151313	1000.0	37	Hawkweed	1.151	15.6 (396)	13CD	60	2.5 (1.1)
C151313	1000.0	61	Camellia	1.152	15.6 (396)	13CD	60	2.5 (1.1)
C151313	1033.5	37	Bluebell	1.170	15.6 (396)	13CD	60	2.5 (1.1)
C151313	1033.5	61	Larkspur	1.172	15.6 (396)	13CD	60	2.5 (1.1)
C151313	1113.0	61	Marigold	1.216	15.6 (396)	13CD	60	2.5 (1.1)
C151414	1192.5	61	Hawthorn	1.258	16.8 (426)	14CD	60	3.2 (1.4)
C151414	1272.0	61	Narcissus	1.300	16.8 (426)	14CD	60	3.2 (1.4)
AC151515	1351.5	61	Columbine	1.340	18.0 (457)	15CD	60	3.9 (1.7)
AC151515	1431.0	61	Carnation	1.379	18.0 (457)	15CD	60	3.9 (1.7)
AC151515	1510.5	61	Gladiolus	1.417	18.0 (457)	15CD	60	3.9 (1.7)
C151616	1590.0	61	Coreopsis	1.454	19.2 (487)	16CD	60	4.8 (2.1)
C151616	1590.0	91	Dogwood	1.454	19.2 (487)	16CD	60	4.8 (2.1)
C151717	1750.0	61	Jessamine	1.525	20.4 (518)	17CD	60	5.7 (2.5)
C151818	2000.0	91	Cowslip	1.630	21.6 (548)	18CD	100	6.6 (2.9)
C151919	2250.0	91	Sagebrush	1.729	22.8 (579)	19CD	100	7.9 (3.5)
C151919	2300.0	61	Pigweed	1.748	22.8 (579)	19CD	100	7.9 (3.5)
AC152020	2500.0	91	Lupine	1.823	24.0 (609)	20CD	100	9.3 (4.2)
AC152020	2750.0	91	Bitterroot	1.912	24.0 (609)	20CD	100	9.3 (4.2)

NOTE: For extra length repair splice, add "XL" suffix and repair cutoff length in inches. Example A15 1021 XL 24. Splices are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger.

Splices — Compression

Jumper Loop Limited Tension AAC, AAC, ACAR and ACSR Conductor Splice

ALUMINUM

JLS

Jumper Loop Splices are prefilled with inhibitor and barrel ends are plugged.

Material: Body – seamless extruded aluminum alloy tube

IDENTIFICATION:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code



Product Data and Conductor Size

Catalog Number	Conductor Range ^{(1) (2)}			Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Approx Wt lb (kg)
	Outside Diameter Inches	AAC Size Kcmil	ACSR Size Kcmil (Str)				
JLS0707	0.595 - 0.680	300, 336.4, 350	266.8 (18/1) (6/7) (26/7) 300 (26/7)	7.0 (178)	07CD	12	.33 (.15)
JLS0808	0.681 - 0.765	350, 397.5, 400	336.4 (18/1) (26/7) (30/7) 395.5 (18/1)	8.0 (203)	08CD	12	.49 (.22)
JLS0909	0.772 - 0.855	450, 477, 500, 550	397.5 (24/7) (26/7) (30/7), 477 (18/1) (24/7)	9.0 (229)	09CD	12	.69 (.32)
JLS1010	0.856 - 0.950	556.5, 600, 636, 650	477 (26/7) (30/7), 556.5 (18/1) (24/7) (26/7), 636 (18/1) (36/1)	10.0 (254)	10CD	60	.95 (.44)
JLS1111	0.940 - 1.036	700, 715, 750, 795, 800	556.5 (30/7) 605 (24/7) (26/7) (30/19), 636 (18/1) - (30/19), 666 (24/7) (26/7), 715.5 (24/7), 795 (36/1)	11.0 (279)	11CD	60	1.3 (.56)
JLS1212	1.026 - 1.131	874.5, 900, 954	715.5 (26/7) (30/19), 795 (24/7) (26/7) (45/7), 795 (54/7) 900 (45/7)	12.0 (305)	12CD	60	1.7 (.77)
JLS1313	1.140 - 1.235	1000, 1033.5, 1100, 1113	795 (30/19), 900 (54/7), 954 (45/7) (54/7), 1033.5 (36/1) (45/7)	13.0 (333)	13CD	60	2.1 (.96)
JLS1414	1.236 - 1.330	1192.5, 1200, 1250, 1272, 1300	954 (30/19), 1113 (45/7) (54/19), 1192.5 (45/7) 1272 (36/1)	14.0 (356)	14CD	60	2.7 (1.2)
JLS1515	1.331 - 1.425	1351.5, 1400, 1431, 1500, 1510.5	1192.5 (54/19), 1272 (45/7) (54/19), 1351.5 (45/7) (54/19)	15.0 (381)	15CD	60	3.1 (1.4)
JLS1616	1.426 - 1.520	1590, 1600, 1700	1431 (45/7) (54/19), 1510.5 (45/7) (54/19), 1590 (45/7)	16.0 (406)	16CD	60	3.8 (1.7)
JLS1717	1.521 - 1.615	1750, 1800, 1900	1590 (54/19), 1780 (84/19), 1869 (68/7)	17.0 (432)	17CD	60	4.7 (2.1)
JLS1818	1.616 - 1.710	2000	2034.5 (72/7)	18.0 (457)	18CD	100	5.6 (2.5)
JLS1919	1.711 - 1.805	2250, 2300	2167 (72/7), 2156 (84/19), 2312 (76/19)	19.0 (483)	19CD	100	6.5 (3.0)
JLS2020	1.806 - 1.900	2500	2515 (76/19)	20.0 (508)	20CD	100	7.6 (3.4)

(1) These splices also approved for minimum tension applications on AAAC and ACAR conductors within the diameter ranges listed.

(2) Repair sleeves are EHV rated where conductor is 1.0 (25.4 mm) O.D. or larger.

Splices — Compression

Conventional (Two Die) Full-Tension ACSR Conductors

ALUMINUM

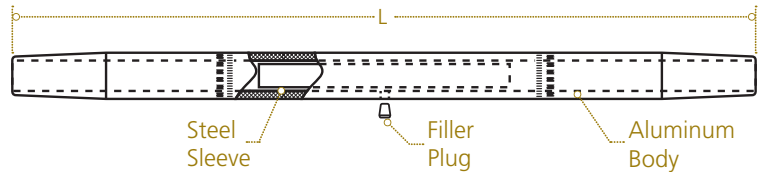
TJA

Splice assemblies for ACSR conductors consist of an aluminum splice body and steel sleeve.

Material: Body – seamless extruded aluminum tube
Steel Sleeve – plated steel

IDENTIFICATION:

Conductor Size, Stranding & Type
Die Size, Minimum Press Size
Fargo® Component, Part Number
Date Code



Product Data and Conductor Size

Full Tension Splice Assembly Catalog Number	ACSR Conductor ⁽¹⁾			Component Catalog Number		Jumper Loop Splice ⁽²⁾	Length Before Compression Inches		Die Size ⁽³⁾	
	Code Word	Kcmil	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA7829	Pigeon	3/0	6/1	10546	113517	40546	16.2	5.8	75AH	75SH
TJA7929	Penguin	4/0	6/1	10609	114520	40609	16.8	5.8	75AH	75SH
TJA1102	Waxwing	266.8	18/1	10657	11141	40657	19.0	6.3	76AH	74SH
TJA1109	Partridge	266.8	26/7	10688	11265	40688	19.0	6.3	76AH	76SH
TJA1302	Merlin	336.4	18/1	10740	11152	40740	21.3	6.5	20AH	74SH
TJA1309	Linnet	336.4	26/7	10800	11296	40800	21.7	7.0	20AH	10SH
TJA1313	Oriole	336.4	30/7	10800	11343	40800	21.7	7.0	20AH	10SH
TJA1502	Chickadee	397.5	18/1	10800	11173	40800	21.7	7.0	20AH	74SH
TJA1508	Brant	397.5	24/7	10845	11281	40845	22.9	7.3	20AH	10SH
TJA1509	Ibis	397.5	26/7	10845	11313	40845	22.9	7.3	20AH	10SH
TJA1513	Lark	397.5	30/7	10845	11368	40845	22.9	7.3	20AH	12SH
TJA1802	Pelican	477.0	18/1	10883	11177	40883	21.0	7.5	24AH	75SH
TJA1808	Flicker	477.0	24/7	10922	11313	40922	24.6	8.0	24AH	10SH
TJA1809	Hawk	477.0	26/7	10922	11344	40922	24.6	8.0	24AH	12SH
TJA1813	Hen	477.0	30/7	10950	11405	40950	24.6	8.0	24AH	12SH
TJA2202	Osprey	556.5	18/1	10950	11218	40950	24.6	8.0	24AH	75SH
TJA2208	Parakeet	556.5	24/7	10990	11328	40990	25.2	8.0	24AH	10SH
TJA2209	Dove	556.5	26/7	10990	11368	40990	25.2	8.0	24AH	12SH
TJA2213	Eagle	556.5	30/7	10107	11436	40107	27.9	9.0	27AH	14SH
TJA2408	Peacock	605.0	24/7	10102	11344	40102	27.9	9.0	27AH	12SH
TJA2409	Squab	605.0	26/7	10102	11390	40102	27.9	9.0	27AH	12SH

Splices — Compression

Product Data and Conductor Size (continued)

Full Tension Splice Assembly Catalog Number	ACSR Conductor ⁽¹⁾			Component Catalog Number		Jumper Loop Splice ⁽²⁾	Length Before Compression Inches		Die Size ⁽³⁾	
	Code Word	Kcmil	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA2413	Wood Duck	605.0	30/7	10107	11452	40107	27.9	9.0	27AH	14SH
TJA2417	Teal	605.0	30/19	10107	11452	40107	27.9	9.0	27AH	14SH
TJA2508	Rook	636.0	24/7	10107	11359	40107	27.9	9.0	27AH	12SH
TJA2509	Grosbeak	636.0	26/7	10107	11390	40107	27.9	9.0	27AH	12SH
TJA2513	Scoter	636.0	30/7	10107	11454	40107	27.9	9.0	27AH	14SH
TJA2517	Egret	636.0	30/19	10107	11454	40107	27.9	9.0	27AH	14SH
TJA2808	Flamingo	666.6	24/7	10107	11359	40107	27.9	9.0	27AH	12SH
TJA2809	Gannet	666.6	26/7	10107	11405	40107	27.9	9.0	27AH	12SH
TJA3008	Stilt	715.5	24/7	10110	11368	40110	30.9	10.0	30AH	12SH
TJA3009	Starling	715.5	26/7	10110	11407	40110	30.9	10.0	30AH	14SH
TJA3017	Redwing	715.5	30/19	10110	11500	40110	30.9	10.0	30AH	16SH
TJA3318	Tern	795.0	45/7	10114	11296	40114	30.9	10.0	30AH	10SH
TJA3308	Cuckoo	795.0	24/7	10117	11390	40117	30.9	10.0	30AH	12SH
TJA3321	Condor	795.0	54/7	10117	11390	40117	30.9	10.0	30AH	12SH
TJA3309	Drake	795.0	26/7	10117	11452	40117	30.9	10.0	30AH	14SH
TJA3317	Mallard	795.0	30/19	10122	11515	40122	31.4	10.5	30AH	16SH
TJA3721	Crane	874.5	54/7	10122	11405	40122	31.4	10.5	30AH	12SH
TJA3818	Ruddy	900.0	45/7	10122	11313	40122	31.4	10.5	30AH	10SH
TJA3821	Canary	900.0	54/7	10122	11407	40122	31.4	10.5	30AH	14SH
TJA4118	Rail	954.0	45/7	10122	11328	40122	31.4	10.5	30AH	10SH
TJA4119	Towhee	954.0	48/7	10126	11359	40126	31.4	10.5	30AH	14SH
TJA4121	Cardinal	954.0	54/7	10126	11452	40126	31.4	10.5	30AH	14SH
TJA4117	Canvasback	954.0	30/19	10132	11563	40132	32.8	11.3	34AH	18SH
TJA4418	Ortolan	1033.5	45/7	10127	11328	40127	32.8	11.3	34AH	10SH
TJA4421	Curlew	1033.5	54/7	10127	11436	40127	32.8	11.3	34AH	14SH
TJA4718	Bluejay	1113.0	45/7	10132	11344	40132	32.8	11.3	34AH	12SH
TJA4724	Finch	1113.0	54/19	10136	11454	40136	34.9	11.9	34AH	14SH
TJA4918	Bunting	1192.5	45/7	10136	11359	40136	34.9	11.9	34AH	12SH
TJA4924	Grackle	1192.5	54/19	10141	11454	40141	35.1	12.5	36AH	14SH
TJA5118	Bittern	1272.0	45/7	10141	11359	40141	36.3	12.5	36AH	12SH

Splices — Compression

Product Data and Conductor Size (continued)

Full Tension Splice Assembly Catalog Number	ACSR Conductor ⁽¹⁾			Component Catalog Number		Jumper Loop Splice ⁽²⁾	Length Before Compression Inches		Die Size ⁽³⁾	
	Code Word	Kcmil	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA5124	Pheasant	1272.0	54/19	10145	11500	40145	36.3	12.5	36AH	16SH
TJA5218	Dipper	1351.5	45/7	10145	11374	40145	36.3	12.5	36AH	12SH
TJA5224	Martin	1351.5	54/19	10149	11500	40149	36.3	13.3	38AH	16SH
TJA5418	Bobolink	1431.0	45/7	10145	11390	40145	35.1	12.5	36AH	12SH
TJA5424	Plover	1431.0	54/19	10149	11515	40149	36.3	13.3	38AH	16SH
TJA5618	Nuthatch	1510.5	45/7	10149	11390	40149	36.3	13.3	38AH	14SH
TJA5624	Parrot	1510.5	54/19	10157	11531	40157	36.3	13.3	40AH	16SH
TJA5718	Lapwing	1590.0	45/7	10157	11405	40157	36.3	13.3	40AH	12SH
TJA5724	Falcon	1590.0	54/19	10157	11546	40157	36.3	13.3	40AH	18SH
TJA6028	Chukar	1780.0	84/19	10167	11454	40167	37.6	14.5	42AH	14SH
TJA6105	Seahawk	1869.0	68/7	10167	11297	40167	37.6	14.5	42AH	12SH
TJA6205	Mockingbird	2034.5	72/7	10175	11360	40175	37.6	14.5	42AH	14SH
TJA6210	Roadrunner	2057.0	76/19	10175	11421	40175	37.6	14.5	42AH	12SH
TJA6328	Bluebird	2156.0	84/19	10184	11515	40184	40.0	15.3	44AH	16SH
TJA6425	Kiwi	2167.0	72/7	10181	11374	40181	40.0	15.3	44AH	12SH
TJA6610	Thrasher	2312.0	76/19	10188	11436	40188	40.7	15.7	44AH	14SH

NOTE: Splices are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger. Joint compound: use Fargo® UJC16 Joint compound. Or, for lowest resistance connection, install with Fargo HTJC-16 compound. See table below for number of 16 oz tubes required per component.

- (1) TJA splice assemblies are full-tension rated for conductors with standard strength steel cores.
- (2) Loop splice is minimum tension connector (no steel sleeve component required).
- (3) Compression press minimum size:
 20AH and smaller — 12 ton
 24AH through 40AH — 60 ton
 42AH and larger — 100 ton
 10SH and smaller — 12 ton
 12SH and larger — 60 ton

Fargo Type UJC16 or HTJC16 Joint Compound Required (Cartridges per Fitting)

Component	Catalog Series	Die Size												
		74AH	75AH	76AH	20AH	24AH	27AH	30AH	34AH	36AH	38AH	40AH	42AH	44AH
FT Splice Body	10	0.04	0.05	0.10	0.20	0.32	0.44	0.60	0.94	0.98	1.10	1.10	1.40	1.52
Loop Splice	40	0.04	0.05	0.06	0.08	0.10	0.13	0.20	0.26	0.30	0.35	0.40	0.54	0.68

Splices — Compression

Conventional (Two Die) Full-Tension ACSS Conductors

ALUMINUM

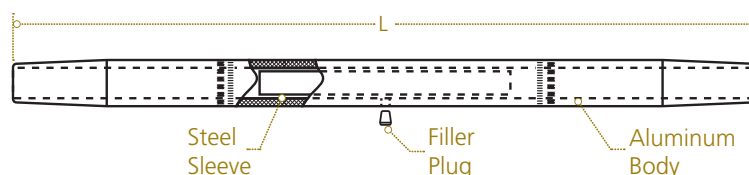
TJA-SSAC

Splice assemblies for ACSS conductors consist of an aluminum splice body and steel sleeve.

Material: Body – seamless extruded aluminum alloy tube
Steel Sleeve – plated steel

IDENTIFICATION:

Conductor Size, Stranding &
Type Die Size, Minimum Press Size
Fargo® Component, Part Number
Date Code



Product Data and Conductor Size

Full Tension Splice Assembly Catalog Number	ACSS Conductor ⁽¹⁾			Component Catalog Number		Jumper Loop Splice ⁽²⁾	Length Before Compression Inches		Die Size ⁽³⁾	
	Code Word	Kcmil	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA1113SSAC	Junco	266.8	30/7	10740SSAC	11313	40740SSAC	24.5	16.5	20AH	10SH
TJA1109SSAC	Partridge	266.8	26/7	10734SSAC	11266	40734SSAC	23.2	15.2	76AH	10SH
TJA1309SSAC	Linnet	336.4	26/7	10800SSAC	11297	40800SSAC	26.5	16.5	20AH	12SH
TJA1313SSAC	Oriole	336.4	30/7	10800SSAC	11344	40800SSAC	26.5	16.5	20AH	12SH
TJA1508SSAC	Brant	397.5	24/7	10845SSAC	11281	40845SSAC	28.9	18.5	20AH	10SH
TJA1509SSAC	Ibis	397.5	26/7	10845SSAC	11312	40845SSAC	28.9	18.5	20AH	12SH
TJA1513SSAC	Lark	397.5	30/7	10845SSAC	11368	40845SSAC	28.9	18.5	20AH	12SH
TJA1808SSAC	Flicker	477.0	24/7	10922SSAC	11312	40922SSAC	32.1	20.5	24AH	12SH
TJA1809SSAC	Hawk	477.0	26/7	10922SSAC	11344	40922SSAC	32.1	20.5	24AH	12SH
TJA1813SSAC	Hen	477.0	30/7	10922SSAC	11406	40922SSAC	32.1	20.5	24AH	14SH
TJA2209SSAC	Dove	556.5	26/7	10102SSAC	11368	40102SSAC	35.8	23.1	27AH	12SH
TJA2213SSAC	Eagle	556.5	30/7	10102SSAC	11452	40102SSAC	35.8	23.1	27AH	14SH
TJA2408SSAC	Peacock	605.0	24/7	10102SSAC	11344	40102SSAC	35.8	23.1	27AH	12SH
TJA2408SSAC	Peacock	605.0	24/7	10102SSAC	11344	40102SSAC	35.8	23.1	27AH	12SH
TJA2409SSAC	Squab	605.0	26/7	10102SSAC	11391	40102SSAC	35.8	23.1	27AH	14SH
TJA2417SSAC	Teal	605.0	30/19	10102SSAC	11453	40102SSAC	35.8	23.1	27AH	16SH
TJA2413SSAC	Wood Duck	605.0	30/7	10102SSAC	11453	40102SSAC	35.8	23.1	27AH	16SH
TJA2517SSAC	Egret	636.0	30/19	10102SSAC	11469	40102SSAC	35.8	23.1	27AH	16SH
TJA2509SSAC	Grosbeak	636.0	26/7	10102SSAC	11406	40102SSAC	35.8	23.1	27AH	14SH
TJA2508SSAC	Rook	636.0	24/7	10107SSAC	11359	40107SSAC	35.8	23.1	27AH	12SH
TJA2513SSAC	Scoter	636.0	30/7	10102SSAC	11469	40102SSAC	35.8	23.1	27AH	16SH
TJA2808SSAC	Flamingo	666.6	24/7	10107SSAC	11359	40107SSAC	35.8	23.1	27AH	12SH

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Splices — Compression

Product Data and Conductor Size (continued)

Full Tension Splice Assembly Catalog Number	ACSS Conductor ⁽¹⁾			Component Catalog Number		Jumper Loop Splice ⁽²⁾	Length Before Compression Inches		Die Size ⁽³⁾	
	Code Word	Kcmil	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA2809SSAC	Gannet	666.6	26/7	10107SSAC	11406	40107SSAC	35.8	23.1	27AH	14SH
TJA3017SSAC	Redwing	715.5	30/19	10110SSAC	11500	40110SSAC	38.7	25.8	30AH	16SH
TJA3009SSAC	Starling	715.5	26/7	10110SSAC	11407	40110SSAC	38.7	25.8	30AH	14SH
TJA3008SSAC	Stilt	715.5	24/7	10110SSAC	11375	40110SSAC	38.7	25.8	30AH	14SH
TJA3321SSAC	Condor	795.0	54/7	10117SSAC	11421	40117SSAC	38.7	25.8	30AH	14SH
TJA3308SSAC	Cuckoo	795.0	24/7	10110SSAC	11421	40110SSAC	38.7	25.8	30AH	14SH
TJA3309SSAC	Drake	795.0	26/7	10122SSAC	11453	40122SSAC	40.6	27.1	30AH	16SH
TJA3317SSAC	Mallard	795.0	30/19	10102SSAC	11516	40122SSAC	40.6	27.1	30AH	18SH
TJA3318SSAC	Tern	795.0	45/7	10110SSAC	11297	40110SSAC	40.6	25.8	30AH	12SH
TJA3821SSAC	Canary	900.0	54/7	10126SSAC	11407	40126SSAC	40.6	27.1	30AH	14SH
TJA3818SSAC	Ruddy	900.0	45/7	10126SSAC	11312	40126SSAC	40.6	27.1	30AH	12SH
TJA4117SSAC	Canvasback	954.0	30/19	10134SSAC	11563	40132SSAC	42.6	29.0	34AH	18SH
TJA4121SSAC	Cardinal	954.0	54/7	10126SSAC	11453	40126SSAC	40.6	27.1	30AH	16SH
TJA4118SSAC	Rail	954.0	45/7	10126SSAC	11329	40126SSAC	40.6	27.1	30AH	12SH
TJA4119SSAC	Towhee	954.0	48/7	10126SSAC	11360	40126SSAC	40.6	27.1	30AH	14SH
TJA4421SSAC	Curlew	1033.5	54/7	10132SSAC	11453	40132SSAC	42.6	29.0	34AH	16SH
TJA4418SSAC	Ortolan	1033.5	45/7	10132SSAC	11329	40132SSAC	42.6	29.0	34AH	12SH
TJA4718SSAC	Bluejay	1113.0	45/7	10132SSAC	11329	40132SSAC	42.6	29.0	34AH	12SH
TJA4724SSAC	Finch	1113.0	54/19	10136SSAC	11469	40136SSAC	44.4	30.6	34AH	16SH
TJA4918SSAC	Bunting	1192.5	45/7	10136SSAC	11360	40136SSAC	44.4	30.6	34AH	14SH
TJA4924SSAC	Grackle	1192.5	54/19	10136SSAC	11484	40145SSAC	45.5	32.3	36AH	16SH
TJA5118SSAC	Bittern	1272.0	45/7	10145SSAC	11360	40145SSAC	45.5	32.3	36AH	14SH
TJA5124SSAC	Pheasant	1272.0	54/19	10145SSAC	11501	40145SSAC	45.5	32.3	36AH	18SH
TJA5218SSAC	Dipper	1351.5	45/7	10145SSAC	11375	40145SSAC	45.5	32.3	36AH	14SH
TJA5224SSAC	Martin	1351.5	54/19	10149SSAC	11501	40149SSAC	46.3	34.0	38AH	18SH
TJA5418SSAC	Bobolink	1431.0	45/7	10149SSAC	11391	40149SSAC	46.3	34.0	38AH	14SH
TJA5424SSAC	Plover	1431.0	54/19	10149SSAC	11516	40149SSAC	46.3	34.0	38AH	18SH
TJA5618SSAC	Nuthatch	1510.5	45/7	10149SSAC	11392	40149SSAC	46.3	34.0	38AH	16SH
TJA5624SSAC	Parrot	1510.5	54/19	10157SSAC	11532	40157SSAC	47.0	35.4	40AH	18SH
TJA5724SSAC	Falcon	1590.0	54/19	10157SSAC	11546	40157SSAC	47.0	35.4	40AH	18SH

Splices — Compression

Product Data and Conductor Size (continued)

Full Tension Splice Assembly Catalog Number	ACSS Conductor ⁽¹⁾			Component Catalog Number		Jumper Loop Splice ⁽²⁾	Length Before Compression Inches		Die Size ⁽³⁾	
	Code Word	Kcmil	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA5718SSAC	Lapwing	1590.0	45/7	10157SSAC	11506	40157SSAC	47.0	35.4	40AH	16SH
TJA6028SSAC	Chukar	1780.5	84/19	10167SSAC	11569	40167SSAC	48.8	37.5	42AH	18SH
TJA6210SSAC	Roadrunner	2057.0	76/19	10167SSAC	11438	40167SSAC	48.8	37.5	42AH	16SH
TJA6328SSAC	Bluebird	2156.0	84/19	10184SSAC	11516	40184SSAC	50.7	39.1	44AH	18SH
TJA6610SSAC	Thrasher	2312.0	76/19	10184SSAC	11438	40184SSAC	52.0	40.8	44AH	18SH

NOTE: Splices are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger. Joint compound: Fittings are ACSS-rated when installed with Fargo® HTJC16 joint compound — see table below for number of 16 oz tubes required for deadend body and terminal components.

(1) TJA splice assemblies are full-tension rated for ACSS conductors with standard high-strength (HS) and extra high-strength (EHS/UHS) steel cores.

(2) Loop splice is minimum tension connector (no steel sleeve component required).

(3) Compression press minimum size:
 20AH and smaller — 12 ton
 24AH through 40AH — 60 ton
 42AH and larger — 100 ton
 10SH and smaller — 12 ton
 12SH and larger — 60 ton

Fargo Type HTJC16 Joint Compound Required (Cartridges Per Fitting)

Component	Catalog Series	Die Size										
		76AH	20AH	24AH	27AH	30AH	34AH	36AH	38AH	40AH	42AH	44AH
FT Splice Body	10	0.10	0.20	0.32	0.44	0.60	0.94	0.98	1.10	1.10	1.40	1.52
Loop Splice	40	0.06	0.08	0.10	0.13	0.20	0.26	0.30	0.35	0.40	0.54	0.68

Splices—Compression

Conventional (Two Die) Full-Tension ACSS/TW Conductors

ALUMINUM

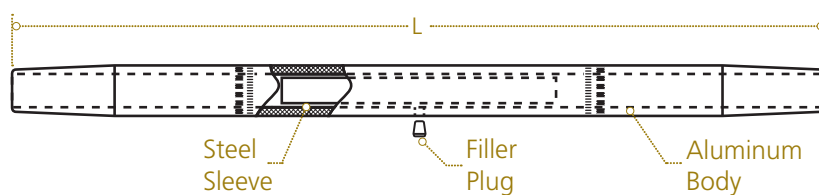
TJA-STW

Splice assemblies for ACSS/TW conductors consist of an aluminum splice body and steel sleeve.

Material: Body – seamless extruded aluminum alloy tube
Steel Sleeve – plated steel

IDENTIFICATION:

Conductor Size, Stranding &
Type Die Size, Minimum Press Size
Fargo® Component, Part Number
Date Code



Product Data and Conductor Size

Full Tension Splice ⁽¹⁾ Assembly Catalog Number	ACSS/TW Conductor ⁽²⁾				Component Catalog Number		Jumper Loop Splice ⁽³⁾	Length Before Compression Inches		Die Size	
	Code Word	Kcmil	Type	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA1323STW	Oriole/TW	336.4	23	16/7	10800STW	11344	40800STW	25.0	16.5	20AH	12SH
TJA1813STW	Flicker/TW	477.0	13	18/7	10922STW	11312	40922STW	32.1	20.5	24AH	12SH
TJA1816STW	Hawk/TW	477.0	16	18/7	10922STW	11344	40922STW	32.1	20.5	24AH	12SH
TJA1823STW	Hen/TW	477.0	23	16/7	10922STW	11406	40922STW	32.1	20.5	24AH	14SH
TJA2213STW	Parakeet/TW	556.5	13	18/7	10990STW	11329	40990STW	33.4	23.1	24AH	12SH
TJA2216STW	Dove/TW	556.5	16	20/7	10102STW	11368	40102STW	35.8	23.1	27AH	12SH
TJA0216STW	Calumet	565.3	16	20/7	10102STW	11368	40102STW	35.8	23.1	27AH	12SH
TJA0113STW	Mohawk	571.7	13	18/7	10102STW	11344	40102STW	35.8	23.1	27AH	12SH
TJA2513STW	Rook/TW	636.0	13	18/7	10107STW	11359	40107STW	35.8	23.1	27AH	12SH
TJA2516STW	Grosbeak/TW	636.0	16	20/7	10102STW	11406	40102STW	35.8	23.1	27AH	14SH
TJA0416STW	Oswego	664.6	16	20/7	10102STW	11406	40102STW	35.8	23.1	27AH	14SH
TJA0313STW	Mystic	666.6	13	20/7	10107STW	11359	40107STW	35.8	23.1	27AH	12SH
TJA0513STW	Maumee	768.2	13	20/7	10110STW	11391	40110STW	38.7	25.8	30AH	14SH
TJA0616STW	Wabash	762.8	16	20/7	10110STW	11452	40110STW	38.7	25.8	30AH	14SH
TJA3307STW	Tern/TW	795.0	7	17/7	10110STW	11297	40110STW	38.7	25.8	30AH	12SH
TJA3313STW	Condor/TW	795.0	13	20/7	10110STW	11421	40110STW	38.7	25.8	30AH	14SH
TJA3316STW	Drake/TW	795.0	16	20/7	10122STW	11453	40122STW	40.6	27.0	30AH	16SH
TJA3323STW	Mallard/TW	795.0	23	22/19	10122STW	11516	40122STW	40.6	27.0	30AH	18SH
TJA3813STW	Canary/TW	900.0	13	30/7	10122STW	11407	40122STW	40.6	27.0	30AH	14SH
TJA0810STW	Frasier	946.7	10	35/7	10126STW	11391	40126STW	40.6	27.0	30AH	14SH

Splices — Compression

Product Data and Conductor Size (continued)

Full Tension Splice ⁽¹⁾ Assembly Catalog Number	ACSS/TW Conductor ⁽²⁾				Component Catalog Number		Jumper Loop Splice ⁽³⁾	Length Before Compression Inches		Die Size	
	Code Word	Kcmil	Type	Strand AL / STL	Aluminum Body	Steel Sleeve		Full Tension	Loop Splice	Alum	Steel
TJA4107STW	Rail/TW	954.0	7	32/7	10126STW	11329	40126STW	40.6	27.0	30AH	12SH
TJA4113STW	Cardinal/TW	954.0	13	20/7	10126STW	11453	40126STW	40.6	27.0	30AH	16SH
TJA0707STW	Kettle	957.2	7	32/7	10126STW	11312	40126STW	40.6	27.0	30AH	12SH
TJA1016STW	Suwanee	959.6	16	22/7	10126STW	11484	40126STW	40.6	27.0	30AH	16SH
TJA0913STW	Columbia	966.2	13	21/7	10126STW	11469	40126STW	40.6	27.0	30AH	16SH
TJA4407STW	Ortolan/TW	1033.5	7	32/7	10132STW	11329	40132STW	42.6	29.0	34AH	12SH
TJA4413STW	Curlew/TW	1033.5	13	22/7	10132STW	11453	40132STW	42.6	29.0	34AH	16SH
TJA4707STW	Bluejay/TW	1113.0	7	33/7	10132STW	11329	40132STW	42.6	29.0	34AH	12SH
TJA4713STW	Finch/TW	1113.0	13	38/19	10132STW	11469	40132STW	44.4	30.6	34AH	16SH
TJA1407STW	Genesee	1158.0	7	33/7	10132STW	11391	40132STW	44.4	30.6	34AH	14SH
TJA4813STWT	Hudson	1158.4	13	25/7	10132STW	11469	40132STW	44.4	30.6	34AH	16SH
TJA4907STW	Bunting/TW	1192.5	7	33/7	10132STW	11360	40132STW	44.4	30.6	34AH	14SH
TJA4913STW	Grackle/TW	1192.5	13	38/19	10145STW	11484	40145STW	45.5	32.3	36AH	16SH
TJA1913STW	Yukon	1233.6	13	38/19	10145STW	11484	40145STW	45.5	32.3	36AH	16SH
TJA1707STW	Nelson	1257.1	7	35/7	10136STW	11360	40136STW	44.4	30.6	34AH	14SH
TJA5107STW	Bittern/TW	1272.0	7	35/7	10145STW	11360	40145STW	45.5	32.3	36AH	14SH
TJA5113STW	Pheasant/TW	1272.0	13	39/19	10141STW	11501	40141STW	45.5	32.3	36AH	18SH
TJA2313STW	Thames	1334.6	13	39/19	10141STW	11501	40141STW	45.5	32.3	36AH	18SH
TJA5207STW	Dipper/TW	1351.5	7	35/7	10145STW	11375	40145STW	45.5	32.3	36AH	14SH
TJA5213STW	Martin/TW	1351.5	13	39/19	10149STW	11501	40149STW	46.3	34.0	38AH	18SH
TJA5407STW	Bobolink/TW	1431.0	7	36/7	10149STW	11391	40149STW	46.3	34.0	38AH	14SH
TJA5413STW	Plover/TW	1431.0	13	39/19	10149STW	11516	40149STW	46.3	34.0	38AH	18SH
TJA2713STW	Merrimack	1433.6	13	39/19	10149STW	11516	40149STW	46.3	34.0	38AH	18SH
TJA3013STW	Rio Grande	1533.3	13	39/19	10149STW	11532	40149STW	46.3	34.0	38AH	18SH
TJA2907STW	Potomac	1557.4	7	36/7	10149STW	11506	40149STW	46.3	34.0	38AH	16SH
TJA5707STW	Lapwing/TW	1590.0	7	36/7	10157STW	11469	40157STW	47.0	35.7	38AH	16SH
TJA5713STW	Falcon/TW	1590.0	13	42/19	10157STW	11546	40157STW	47.0	35.7	40AH	18SH
TJA3107STW	Schukill	1657.4	7	36/7	10157STW	11422	40157STW	47.0	35.7	40AH	16SH
TJA6008STW	Chukar/TW	1780.0	8	37/19	10167STW	11569	40167STW	48.8	37.5	42AH	18SH
TJA3413STW	Cumberland	1926.9	13	42/19	10167STW	11548	40167STW	48.8	37.5	42AH	20SH
TJA3607STW	Athabaska	1949.6	7	42/7	10167STW	11453	40167STW	48.8	37.5	42AH	16SH
TJA6308STW	Bluebird/TW	2156.0	8	64/19	10184STW	11516	40184STW	50.7	39.1	44AH	18SH

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Continued on next page.

Splices — *Compression*

NOTE: Splices are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger. Joint compound: Fittings are ACSS-rated when installed with Fargo® HTJC16 joint compound. See table below for number of 16 oz tubes required for deadend body and terminal connections.

- (1) TJA splice assemblies are full-tension rated for ACSS/TW conductors with standard high-strength (HS) and extra high-strength (EHS/UHS) steel cores.
- (2) Loop splice is minimum tension connector (no steel sleeve component required).
- (3) Compression press minimum size:
 - 20AH and smaller — 12 ton
 - 24AH through 40AH — 60 ton
 - 42AH and larger — 100 ton
 - 10SH and smaller — 12 ton
 - 12SH and larger — 60 ton

Fargo Type HTJC16 Joint Compound Required (Cartridges Per Fitting)

Component	Catalog Series	Die Size										
		76AH	20AH	24AH	27AH	30AH	34AH	36AH	38AH	40AH	42AH	44AH
FT Splice Body	10	0.10	0.20	0.32	0.44	0.60	0.94	0.98	1.10	1.10	1.40	1.52
Loop Splice	40	0.06	0.08	0.10	0.13	0.20	0.26	0.30	0.35	0.40	0.54	0.68

Splices — Compression

Compression Full-Tension Splice Alumoweld® and EHS Steel

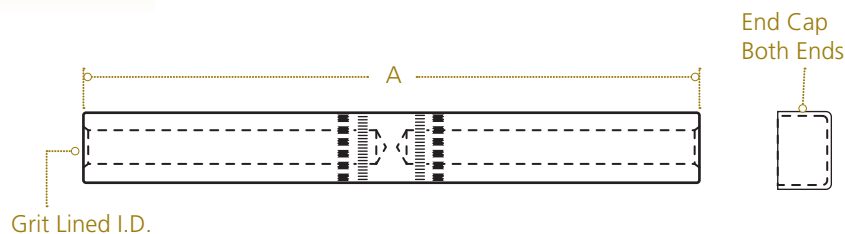
ALUMINUM

81

Material: Body – aluminum alloy (SWS series galvanized steel)

IDENTIFICATION:

Wire Size
Die Size, Minimum Press Size
Part Number, Date Code



Product Data and Conductor Size

Catalog Number	Shield Wire Data		Length Before Compression Inches (mm)	Die Size	Minimum Press Size Tons	Net Wt lb (kg)	
	Outside Diameter Inches	EHS Steel					Alumoweld
811222	0.306 - 0.313	5/16	7 # 10, 3 # 7	8.0 (203)	12SH	60	.20 (.09)
811425	0.343 - 0.375	3/8	7 # 9, 3 # 6	9.9 (251)	14SH	60	.30 (.14)
811427	0.385 - 0.392	—	7 # 8, 3 # 5	10.7 (272)	14SH	60	.30 (.14)
811630	0.417 - 0.438	7/16	7 # 7	12.8 (325)	16SH	60	.40 (.20)
SWS100547	0.486 - 0.500	1/2	7 # 6	10.5 (267)	16SH	60	1.4 (.64)
SWS100578	0.540 - 0.547	—	7 # 5	10.5 (267)	16SH	60	1.3 (.59)
SWS125625	0.564 - 0.572	5/8	19 # 5	11.5 (292)	18SH	60	2.6 (1.2)

NOTE: Add "PC" suffix for factory loaded inhibitor. Example: 811425PC for extra length repair splice, add "XL" suffix and repair cutoff length in inches. Example: 811425XL24.

Repair Sleeves — Compression

One Die Repair Sleeve AAC, AAAC, ACAR and ACSR Conductors

ALUMINUM

RS1700

Two piece repair sleeve is used to restore electrical and mechanical integrity to conductors with damage to strands in the outer layer only.

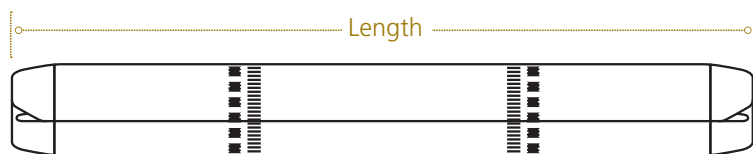
If damage extends to the inner layer of aluminum or alloy strands, a full tension Extra Long XL repair splice should be used.

Material: Body – aluminum alloy



IDENTIFICATION:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code



D
18

Product Data and Conductor Size

Catalog Number	Conductor Range ⁽¹⁾⁽²⁾			Die Size ⁽⁴⁾	Minimum Press Size Tons	Length Before Compression Inches (mm)	Net Wt lb (kg)
	Outside Diameter Inches ⁽³⁾	AAC Size Kcmil	ACSR Size Kcmil (Str)				
RS1707	0.595 - 0.679	300, 336.4, 350	266.8 (18/1) (26/7) (30/7)	07CD	12	8.40 (213)	.40 (.18)
RS1708	0.680 - 0.765	350, 397.5, 400	300 (26/7) 336.4 (18/1) (26/7) (30/7) 397.5 (18/1)	08CD 76AH	12	9.60 (243)	.85 (.38)
RS1709	0.772 - 0.855	450, 477, 500, 550	397.5 (24/7) (26/7) (30/7) 477 (18/1)	09CD	12	10.80 (274)	.95 (.43)
RS1710	0.856 - 0.950	556.5, 600, 636, 650	477 (24/7) (26/7) (30/7) 556.5 (18/1) (24/7) (26/7) 636 (18/1)	10CD 24AH	60	12.00 (304)	1.2 (.38)
RS1711	0.940 - 1.036	700, 715, 795	556.5 (30/7), 605 (24/7) (26/7) (30/7) (30/19), 636 (18/1) – (30/19), 666 (24/7) (26/7), 715.5 (24/7)	11CD	60	13.20 (335)	1.6 (.72)
RS1712	1.026 - 1.131	795, 800, 874.5, 900, 954	715.5 (26/7) (30/19), 795 (24/7) (26/7) (45/7) (54/7) 795 (36/1), 900 (45/7)	12CD	60	14.40 (365)	2.0 (.90)
RS1713	1.140 - 1.235	1000, 1033.5	795 (30/19), 900 (54/7) 954 (45/7) (54/7)	13CD 30AH	60	15.60 (396)	2.5 (1.1)
		1100, 1113	1033.5 (36/1) (45/7) 954 (30/19), 1033.5 (54/7) 1113 (45/7) (54/19) 1192.5 (45/7)	13CD			
RS1714	1.236 - 1.330	1192.5, 1200, 1250, 1272, 1300	1192.5 (54/19) 1272 (45/7) (54/19) 1351.5 (45/7) (54/19)	14CD 34AH	60	16.80 (426)	3.2 (1.4)
RS1715	1.331 - 1.425	1351.5, 1400, 1431, 1500, 1510.5	1431 (45/7) (54/19), 1510.5 (45/7) (54/19) 1590 (45/7)	15CD 36AH	60	18.00 (457)	4.0 (1.8)
RS1716	1.426 - 1.520	1590, 1600, 1700	1590 (45/7)	16CD 38AH	60	19.20 (487)	4.8 (2.2)
RS1717	1.521 - 1.615	1750, 1800, 1900	1780 (84/19), 1869 (68/7)	17CD 40AH	60	20.40 (518)	5.7 (2.6)
RS1719	1.630 - 1.805	2000, 2250, 2300	2034.5 (72/7), 2057 (76/19) 2167 (72/7)	19CD 40AH	100	22.80 (579)	8.0 (3.6)
		—	2156 (84/19), 2312 (76/19)	19CD			

(1) Install with Fargo® type UJC or, for lowest resistance repair, type HTJC inhibitor compound.

(2) Repair sleeves are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger.

(3) Repair sleeves are suitable for EHV applications on conductors over 1 in O.D.

(4) Standard hex dies not available for some sleeve and conductor combinations. If no AH die listed for conductor, use only the CD die shown.

Repair Sleeves — Compression

One Die Repair Sleeve ACSS Conductors

ALUMINUM

RS1700SSAC

Two-piece repair sleeve is used to restore electrical and mechanical integrity to conductors with partial damage to aluminum strands.

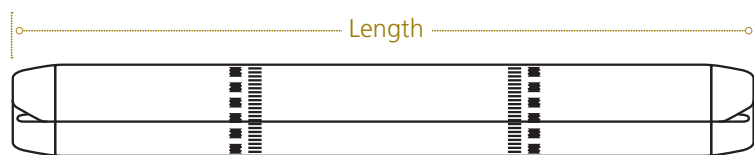
The repair sleeves listed below will restore damaged ACSS cables where the damage section is not longer than 20% of repair splice length before crimping; and at least 50% of the aluminum strand and 100% of the steel core are undamaged.



Material: Body – aluminum alloy

IDENTIFICATION:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code



Product Data and Conductor Size

Catalog Number	ACSS Conductors ⁽¹⁾		Die Size ⁽³⁾	Minimum Press Size Tons	Length Before Compression Inches (mm)	Net Wt lb (kg)
	Outside Diameter Inches ⁽²⁾	Access Size Kcmil (Str)				
RS1707SSAC	0.595 - 0.679	266.8 (26/7) (30/7)	07CD	12	12.6 (307)	0.6 (0.27)
RS1708SSAC	0.680 - 0.765	300 (26/7) 336.4 (22/7) (26/7) (30/7)	08CD 76AH	12	14.4 (351)	1.3 (0.59)
RS1709SSAC	0.772 - 0.855	397.5 (24/7) (26/7) (30/7) 477 (24/7)	09CD	12	16.2 (395)	1.4 (0.64)
RS1710SSAC	0.856 - 0.950	477 (26/7) (30/7) 556.5 (24/7) (26/7)	10CD 24AH	60	18.0 (439)	1.8 (1.00)
RS1711SSAC	0.940 - 1.036	556.5 (30/7), 605 (24/7) (26/7) (30/7) 636 (24/7) (26/7) (30/7) (30/19) 666 (24/7) (26/7), 715.5 (24/7)	11CD	60	19.8 (483)	2.4 (1.09)
RS1712SSAC	1.026 - 1.131	715.5 (26/7) (30/19), 795 (24/7) (26/7) (45/7) (54/7) 900 (45/7)	12CD	60	21.6 (527)	3.0 (1.36)
RS1713SSAC	1.140 - 1.235	795 (30/19)	13CD 30AH	60	23.4 (571)	3.8 (1.73)
		900 (54/7), 954 (45/7) (54/7), 1033.5 (45/7)	13CD			
RS1714SSAC	1.236 - 1.330	954 (30/19), 1033.5 (54/7) 1113 (45/7) (54/19) 1192.5 (45/7)	14CD 34AH	60	25.2 (615)	4.8 (2.18)
RS1715SSAC	1.331 - 1.425	1192.5 (54/19) 1272 (45/7) (54/19) 1351.5 (45/7) (54/19)	15CD 36AH	60	27.0 (659)	6.0 (2.72)
RS1716SSAC	1.426 - 1.520	1431 (45/7) (54/19), 1510.5 (45/7) (54/19) 1590 (45/7)	16CD 38AH	60	28.8 (703)	7.2 (3.27)
RS1717SSAC	1.521 - 1.615	1590 (54/19) 1780 (84/19)	17CD 40AH	60	30.6 (747)	8.6 (3.90)
RS1719SSAC	1.630 - 1.805	2034.5 (72/7), 2057 (76/19)	19CD	100	34.2 (834)	12.0 (5.45)
		2156 (84/19), 2312 (76/19)	19CD			

(1) Install with Fargo® type HTJC inhibitor compound.

(2) Repair sleeves are suitable for EHV applications on conductors over 1.0 in O.D.

(3) Repair sleeves are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger.

Repair Sleeves — Compression

One Die Repair Sleeve ACSS/TW Conductors

ALUMINUM

RS1700STW

Two piece repair sleeve is used to restore electrical and mechanical integrity to conductors with partially damage to aluminum strands.

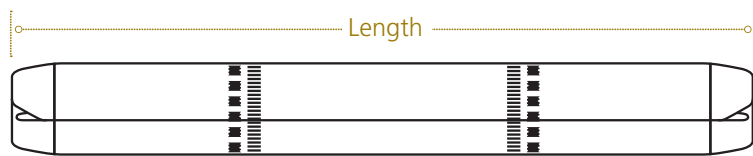
The repair sleeves listed below will restore damaged ACSS/TW cables where the damage section is not longer than 20% of repair splice length before crimping; and at least 50% of the aluminum strand and 100% of the steel core are undamaged.



Material: Body – aluminum alloy

IDENTIFICATION:

Conductor Type & Diameter Range
Die Size, Minimum Press Size
Part Number, Date Code



D
20

Product Data and Conductor Size

Catalog Number	ACSS/TW Conductor ⁽¹⁾		Die Size ⁽³⁾	Minimum Press Size Tons	Length Before Compression Inches (mm)	Net Wt lb (kg)
	Outside Diameter Inches ⁽²⁾	Kcmil Size (Type)				
RS1708STW	0.630 - 0.695	336.4 (18/7) T23	08CD 76AH	12	14.4 (351)	1.3 (0.59)
RS1709STW	0.721 - 0.776	477 (18/7) T13	09CD	12	16.2 (395)	1.4 (0.64)
RS1710STW	0.776 - 0.858	477 (18/7) T16 & T23 556 (18/7) T13 (20/7) T16 565.3 (18/7) T16, 571.7 (18/7) T13	10CD 24AH	60	18.0 (439)	1.8 (1.00)
RS1711STW	0.880 - 0.930	636.0 (19/7) T13 (20/7) T16 795.0 (17/7) T7 (20/7) T13 & T16	11CD	60	19.8 (483)	2.4 (1.09)
RS1712STW	0.960 - 1.010	762.8 (20/7) T13 & T16 795.0 (17/7) T7 (20/7) T13 & T16	12CD	60	21.6 (527)	3.0 (1.36)
RS1713STW	1.046 - 1.108	795.0 T23	13CD 30AH	60	23.4 (571)	3.8 (1.73)
RS1714STW	1.125 - 1.196	954 (32/7) T7 (20/7) T13 959.6 (22/7) T16, 966.2 (21/7) T13 1033.5 (32/7) T7	13CD	60	25.2 (615)	4.8 (2.18)
RS1715STW	1.212 - 1.300	1033.5 (22/7) T13 1113 (32/7) T7, 1113 (38/19) T13 1158.0 (33/7) T7, 1158.4 (26/7) T13 1192.5 (33/7) T7	14CD 34AH	60	27.0 (659)	6.0 (2.72)
RS1716STW	1.301 - 1.382	1192.5 (38/19) T13, 1233.6 (38/19) T13 1272 (35/7) T7 (39/19) T13 1334.6 (39/19) T13, 1351.5 (35/7) T7 1351.5 (39/19) T13, 1431 (36/7) T7	15CD 36AH	60	28.8 (703)	7.2 (3.27)
RS1717STW	1.385 - 1.504	1431 (37/19) T13 1433.6 (39/19) T13, 1533.3 (39/19) T13 1590 (36/7) T7	16CD 38AH	60	30.6 (747)	8.6 (3.90)
RS1719STW	1.504 - 1.608	1590 (42/19) T13 1657.4 (36/7) T7, 1949.6 (42/7) T7	17CD 40AH	100	34.2 (834)	12.0 (5.45)

(1) Install with Fargo® type HTJC inhibitor compound.

(2) Repair sleeves are suitable for EHV applications on conductors over 1.0 in O.D.

(3) Repair sleeves are EHV rated where conductor is 1.0 in (25.4 mm) O.D. or larger.