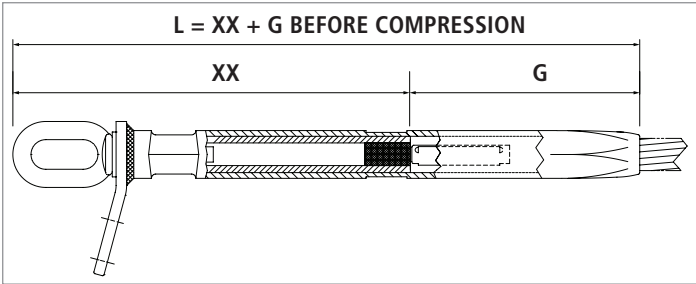


Solo HD Replacement Compression Dead End for ACSR and ACSS Conductors, SDESR Series



The Solo HD Replacement Dead Ends are used to replace damaged conductor and dead ends at the end of a span. They are designed for fast and easy installation, requiring only the AH compression die set. By using a high strength alloy, the compression length has been shortened for less compression bites, while maintaining a minimum 95% of the ASTM rated strength. The replacement dead end does not require filler compound, eliminating an installation step.

The square edges of the bolted pads of the compression accessories could cause Corona. Pads with edges and corners rounded can be supplied by adding the catalog suffix "EHV." Each dead end assembly comes with terminal and aluminum hardware, unless no terminal (NT) is used in the part number. The tongue and terminal pad are constructed with a 15° angle, which permits a terminal connector to be bolted in the straight or 30° position.

The end tapers of all compression accessories are supplied with a high voltage finish for die size sections 30AH and above.

Ordering Instructions

Step 1: Assembly Catalog Number

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

Step 2: Terminal Connector

For an assembly without a terminal connector, use "NT". For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use "EHV". (> 345 kV). For Standard Finish, leave blank. (< 345 kV)

Step 4: Determine Length of Span Removal (XX)

Determine the length of existing dead end and/or conductor (XX) that will be cut out, to the nearest inch (Maximum 60").

Step 5: Assemble Catalog Number

Catalog Number	+	Removed Conductor Length (XX)	+	(No) Terminal Connector	+	EHV Finish
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Example:

A replacement compression dead end for 795 Drake conductor with no terminal, EHV finish and a removed conductor length of 24 inches, the complete catalog number is:

SDES-AS142HTR24NTEHV

Notes:

1. Assembly Catalog Number includes one aluminum body, one terminal, and one eye/core grip.
2. Installation Instructions for Compression Joints (INS-ACA116) are on page 384 in the HT section in this catalog.
3. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR AND ACSS	SIZE	STRANDING		DIAMETER IN		IN	MM
		KCMIL	AL	ST				
SDES-AS109HTRXX	WOODCOCK	336.4	22	7	0.701	20AH	13.2	335
SDES-AS113HTRXX	LINNET	336.4	26	7	0.720	20AH	13.5	343
SDES-AS114HTRXX	ORIOLE	336.4	30	7	0.741	20AH	13.8	351
SDES-AS185HTRXX	CHICKADEE	397.5	18	1	0.743	20AH	13.8	351
SDES-AS115HTRXX	PTARMIGAN	397.5	20	7	0.752	20AH	13.8	351
SDES-AS116HTRXX	BRANT	397.5	24	7	0.772	20AH	13.9	353
SDES-AS117HTRXX	IBIS	397.5	26	7	0.783	20AH	13.9	353
SDES-AS118HTRXX	LARK	397.5	30	7	0.806	20AH	13.9	353
SDES-AS186HTRXX	PELICAN	477.0	18	1	0.814	24AH	14.6	371
SDES-AS119HTRXX	TAILORBIRD	477.0	20	7	0.823	20AH	14.5	368
SDES-AS120HTRXX	FLICKER	477.0	24	7	0.846	24AH	14.3	363
SDES-AS121HTRXX	HAWK	477.0	26	7	0.858	24AH	14.6	371
SDES-AS122HTRXX	HEN	477.0	30	7	0.883	24AH	14.3	363
SDES-AS187HTRXX	OSPREY	556.5	18	1	0.879	24AH	13.4	340

continued →

Solo HD Replacement Compression Dead End for ACSS and ACSR Conductors, SDESR Series

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR AND ACSS	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST	IN			
SDES-AS123HTRXX	SAPSUCKER	556.5	22	7	0.901	24AH	14.1	358
SDES-AS124HTRXX	PARAKEET	556.5	24	7	0.914	24AH	14.6	371
SDES-AS125HTRXX	DOVE	556.5	26	7	0.927	27AH	14.9	378
SDES-AS126HTRXX	EAGLE	556.5	30	7	0.953	27AH	15.1	384
SDES-AS127HTRXX	PEACOCK	605.0	24	7	0.953	27AH	15.1	384
SDES-AS128HTRXX	SQUAB	605.0	26	7	0.966	27AH	15.1	384
SDES-AS130HTRXX	WOOD DUCK	605.0	30	7	0.994	27AH	15.1	384
SDES-AS129HTRXX	TEAL	605.0	30	19	0.994	27AH	15.1	384
SDES-AS188HTRXX	SWIFT	636.0	36	1	0.930	27AH	15.1	384
SDES-AS189HTRXX	KINGBIRD	636.0	18	1	0.940	27AH	15.1	384
SDES-AS131HTRXX	GOLDFINCH	636.0	22	7	0.963	27AH	15.2	386
SDES-AS132HTRXX	ROOK	636.0	24	7	0.977	27AH	15.4	391
SDES-AS133HTRXX	GROSBEAK	636.0	26	7	0.990	27AH	15.9	404
SDES-AS182HTRXX	SCOTER	636.0	30	7	1.019	27AH	15.9	404
SDES-AS134HTRXX	EGRET	636.0	30	19	1.019	27AH	15.9	404
SDES-AS135HTRXX	FLAMINGO	666.6	24	7	1.000	27AH	15.4	391
SDES-AS183HTRXX	GANNET	666.6	26	7	1.014	27AH	16.4	417
SDES-AS136HTRXX	STILT	715.5	24	7	1.036	30AH	16.4	417
SDES-AS137HTRXX	STARLING	715.5	26	7	1.051	30AH	16.4	417
SDES-AS138HTRXX	REDWING	715.5	30	19	1.081	30AH	16.4	417
SDES-AS190HTRXX	COOT	795.0	36	1	1.040	30AH	16.4	417
SDES-AS141HTRXX	CUCKOO	795.0	24	7	1.092	30AH	16.4	417
SDES-AS142HTRXX	DRAKE	795.0	26	7	1.108	30AH	16.5	419
SDES-AS144HTRXX	MACAW	795.0	42	7	1.055	30AH	16.5	419
SDES-AS140HTRXX	TERN	795.0	45	7	1.063	30AH	15.4	391
SDES-AS141HTRXX	CONDOR	795.0	54	7	1.092	30AH	16.4	417
SDES-AS143HTRXX	MALLARD	795.0	30	19	1.140	30AH	17.8	452
SDES-AS145HTRXX	RUDDY	900.0	45	7	1.131	30AH	16.2	411
SDES-AS146HTRXX	CANARY	900.0	54	7	1.162	30AH	16.8	427
SDES-AS191HTRXX	CATBIRD	954.0	36	1	1.140	30AH	16.1	409
SDES-AS147HTRXX	CORNCRAKE	954.0	20	7	1.165	30AH	16.1	409
SDES-AS184HTRXX	REDBIRD	954.0	24	7	1.196	30AH	16.1	409
SDES-AS148HTRXX	RAIL	954.0	45	7	1.165	30AH	16.1	409
SDES-AS149HTRXX	TOWHEE	954.0	48	7	1.175	30AH	19.1	485
SDES-AS150HTRXX	CARDINAL	954.0	54	7	1.196	30AH	20.6	523
SDES-AS151HTRXX	CANVASBACK	954.0	30	19	1.248	34AH	19.1	485
SDES-AS192HTRXX	TANAGER	1033.5	36	1	1.186	30AH	18.2	462
SDES-AS153HTRXX	SNOWBIRD	1033.5	42	7	1.203	34AH	18.2	462
SDES-AS152HTRXX	ORTOLAN	1033.5	45	7	1.212	34AH	17.4	442
SDES-AS154HTRXX	CURLEW	1033.5	54	7	1.245	34AH	18.2	462
SDES-AS155HTRXX	BLUEJAY	1113.0	45	7	1.259	34AH	17.1	434
SDES-AS157HTRXX	FINCH	1113.0	54	19	1.293	34AH	18.1	460
SDES-AS158HTRXX	BUNTING	1192.5	45	7	1.302	34AH	18.1	460
SDES-AS159HTRXX	GRACKLE	1192.5	54	19	1.338	36AH	18.1	460
SDES-AS161HTRXX	BITTERN	1272.0	45	7	1.345	36AH	17.8	452
SDES-AS162HTRXX	DIVER	1272.0	48	7	1.357	36AH	17.8	452
SDES-AS163HTRXX	PHEASANT	1272.0	54	19	1.382	36AH	19.1	485
SDES-AS164HTRXX	DIPPER	1351.5	45	7	1.386	36AH	18.4	467

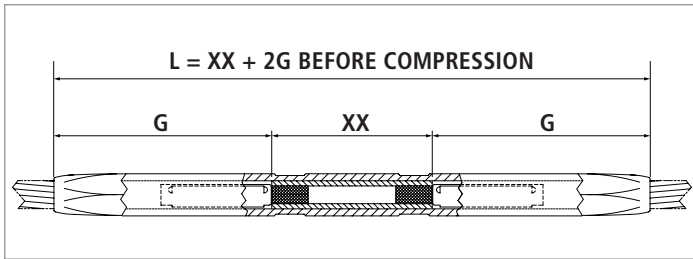
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Solo HD Replacement Compression Dead End for ACSS and ACSR Conductors, SDESR Series

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR AND ACSS	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST	IN			
SDES-AS166HTRXX	MARTIN	1351.5	54	19	1.424	38AH	19.5	495
SDES-AS167HTRXX	BOBOLINK	1431.0	45	7	1.427	38AH	19.5	495
SDES-AS169HTRXX	PLOVER	1431.0	54	19	1.465	38AH	19.5	495
SDES-AS170HTRXX	NUTHATCH	1510.0	45	7	1.466	38AH	19.5	495
SDES-AS172HTRXX	PARROT	1510.0	54	19	1.505	40AH	19.5	495
SDES-AS171HTRXX	RATITE	1590.0	42	7	1.492	40AH	19.5	495
SDES-AS173HTRXX	LAPWING	1590.0	45	7	1.504	40AH	19.5	495
SDES-AS174HTRXX	FALCON	1590.0	54	19	1.544	40AH	20.4	518
SDES-AS175HTRXX	CHUKAR	1780.0	84	19	1.602	42AH	20.1	511
SDES-AS176HTRXX	MOCKINGBIRD	2034.5	72	7	1.681	42AH	20.1	511
SDES-AS177HTRXX	ROADRUNNER	2057.0	76	19	1.700	42AH	20.1	511
SDES-AS178HTRXX	BLUEBIRD	2156.0	84	19	1.762	44AH	21.1	536
SDES-AS179HTRXX	KIWI	2167.0	72	7	1.735	44AH	20.4	518
SDES-AS180HTRXX	THRASHER	2312.0	76	19	1.802	44AH	18.9	480
SDES-AS181HTRXX	JOREE	2515.0	76	19	1.880	48AH	19.1	485

Solo HD Replacement Compression Joint for ACSR and ACSS Conductors, SDCJR Series



The Solo HD Replacement Joints are used to replace damaged conductor and removed splices in midspan. They are designed for fast and easy installation, requiring only the AH compression die set. By using a high strength alloy, the compression length has been shortened for less compression bites, while maintaining a minimum 95% of the ASTM rated strength. The replacement joint does not require filler compound, eliminating an installation step.

The end tapers of all compression accessories are supplied with a high voltage finish for die size sections 30AH and above.

Ordering Instructions

Step 1: Assembly Catalog Number

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

Step 2: Determine Length of Span Removal (XX)

Determine the length of existing splice and/or conductor (XX) that will be cut out, to the nearest inch (Maximum 60").

Step 3: Assemble Catalog Number

Catalog Number + **Removed Conductor Length (XX)**

Example:

A replacement compression joint for 795 Drake conductor with a removed conductor length of 24 inches, the complete catalog number is:

SDCJ-AS142HTR24

Notes:

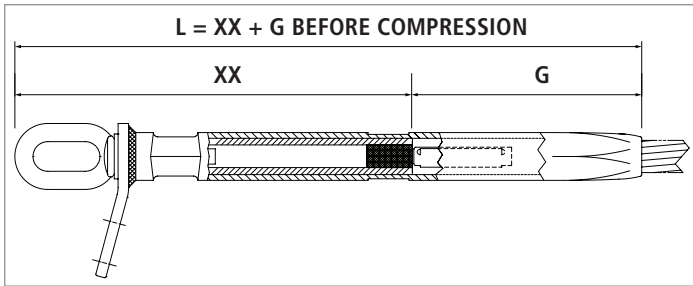
1. Assembly Catalog Number includes one aluminum body and two core grips.
2. Installation Instructions for Compression Joints (INS-ACA117) are on page 400 in the HT section in this catalog.
3. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR AND ACSS	SIZE	STRANDING		DIAMETER IN		IN	MM
		KCMIL	AL	ST				
SDCJ-AS109HTRXX	WOODCOCK	336.4	22	7	0.701	20AH	13.2	335
SDCJ-AS113HTRXX	LINNET	336.4	26	7	0.720	20AH	13.5	343
SDCJ-AS114HTRXX	ORIOLE	336.4	30	7	0.741	20AH	13.8	351
SDCJ-AS185HTRXX	CHICKADEE	397.5	18	1	0.743	20AH	13.8	351
SDCJ-AS115HTRXX	PTARMIGAN	397.5	20	7	0.752	20AH	13.8	351
SDCJ-AS116HTRXX	BRANT	397.5	24	7	0.772	20AH	13.9	353
SDCJ-AS117HTRXX	IBIS	397.5	26	7	0.783	20AH	13.9	353
SDCJ-AS118HTRXX	LARK	397.5	30	7	0.806	20AH	13.9	353
SDCJ-AS186HTRXX	PELICAN	477.0	18	1	0.814	24AH	14.6	371
SDCJ-AS119HTRXX	TAILORBIRD	477.0	20	7	0.823	20AH	14.5	368
SDCJ-AS120HTRXX	FLICKER	477.0	24	7	0.846	24AH	14.3	363
SDCJ-AS121HTRXX	HAWK	477.0	26	7	0.858	24AH	14.6	371
SDCJ-AS122HTRXX	HEN	477.0	30	7	0.883	24AH	14.3	363
SDCJ-AS187HTRXX	OSPREY	556.5	18	1	0.879	24AH	13.4	340
SDCJ-AS123HTRXX	SAPSUCKER	556.5	22	7	0.901	24AH	14.1	358
SDCJ-AS124HTRXX	PARAKEET	556.5	24	7	0.914	24AH	14.6	371
SDCJ-AS125HTRXX	DOVE	556.5	26	7	0.927	27AH	14.9	378
SDCJ-AS126HTRXX	EAGLE	556.5	30	7	0.953	27AH	15.1	384
SDCJ-AS127HTRXX	PEACOCK	605.0	24	7	0.953	27AH	15.1	384
SDCJ-AS128HTRXX	SQUAB	605.0	26	7	0.966	27AH	15.1	384
SDCJ-AS130HTRXX	WOOD DUCK	605.0	30	7	0.994	27AH	15.1	384
SDCJ-AS129HTRXX	TEAL	605.0	30	19	0.994	27AH	15.1	384
SDCJ-AS188HTRXX	SWIFT	636.0	36	1	0.930	27AH	15.1	384
SDCJ-AS189HTRXX	KINGBIRD	636.0	18	1	0.940	27AH	15.1	384
SDCJ-AS131HTRXX	GOLDFINCH	636.0	22	7	0.963	27AH	15.2	386
SDCJ-AS132HTRXX	ROOK	636.0	24	7	0.977	27AH	15.4	391

Solo HD Replacement Compression Joint for ACSS and ACSR Conductors, SDCJR Series

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR AND ACSS	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST	IN			
SDCJ-AS133HTRXX	GROSBEAK	636.0	26	7	0.990	27AH	15.9	404
SDCJ-AS182HTRXX	SCOTER	636.0	30	7	1.019	27AH	15.9	404
SDCJ-AS134HTRXX	EGRET	636.0	30	19	1.019	27AH	15.9	404
SDCJ-AS135HTRXX	FLAMINGO	666.6	24	7	1.000	27AH	15.4	391
SDCJ-AS183HTRXX	GANNET	666.6	26	7	1.014	27AH	16.4	417
SDCJ-AS136HTRXX	STILT	715.5	24	7	1.036	30AH	16.4	417
SDCJ-AS137HTRXX	STARLING	715.5	26	7	1.051	30AH	16.4	417
SDCJ-AS138HTRXX	REDWING	715.5	30	19	1.081	30AH	16.4	417
SDCJ-AS190HTRXX	COOT	795.0	36	1	1.040	30AH	16.4	417
SDCJ-AS141HTRXX	CUCKOO	795.0	24	7	1.092	30AH	16.4	417
SDCJ-AS142HTRXX	DRAKE	795.0	26	7	1.108	30AH	16.5	419
SDCJ-AS144HTRXX	MACAW	795.0	42	7	1.055	30AH	16.5	419
SDCJ-AS140HTRXX	TERN	795.0	45	7	1.063	30AH	15.4	391
SDCJ-AS141HTRXX	CONDOR	795.0	54	7	1.092	30AH	16.4	417
SDCJ-AS143HTRXX	MALLARD	795.0	30	19	1.140	30AH	17.8	452
SDCJ-AS145HTRXX	RUDDY	900.0	45	7	1.131	30AH	16.2	411
SDCJ-AS146HTRXX	CANARY	900.0	54	7	1.162	30AH	16.8	427
SDCJ-AS191HTRXX	CATBIRD	954.0	36	1	1.140	30AH	16.1	409
SDCJ-AS147HTRXX	CORNCRAKE	954.0	20	7	1.165	30AH	16.1	409
SDCJ-AS184HTRXX	REDBIRD	954.0	24	7	1.196	30AH	16.1	409
SDCJ-AS148HTRXX	RAIL	954.0	45	7	1.165	30AH	16.1	409
SDCJ-AS149HTRXX	TOWHEE	954.0	48	7	1.175	30AH	19.1	485
SDCJ-AS150HTRXX	CARDINAL	954.0	54	7	1.196	30AH	20.6	523
SDCJ-AS151HTRXX	CANVASBACK	954.0	30	19	1.248	34AH	19.1	485
SDCJ-AS192HTRXX	TANAGER	1033.5	36	1	1.186	30AH	18.2	462
SDCJ-AS153HTRXX	SNOWBIRD	1033.5	42	7	1.203	34AH	18.2	462
SDCJ-AS152HTRXX	ORTOLAN	1033.5	45	7	1.212	34AH	17.4	442
SDCJ-AS154HTRXX	CURLEW	1033.5	54	7	1.245	34AH	18.2	462
SDCJ-AS155HTRXX	BLUEJAY	1113.0	45	7	1.259	34AH	17.1	434
SDCJ-AS157HTRXX	FINCH	1113.0	54	19	1.293	34AH	18.1	460
SDCJ-AS158HTRXX	BUNTING	1192.5	45	7	1.302	34AH	18.1	460
SDCJ-AS159HTRXX	GRACKLE	1192.5	54	19	1.338	36AH	18.1	460
SDCJ-AS161HTRXX	BITTERN	1272.0	45	7	1.345	36AH	17.8	452
SDCJ-AS162HTRXX	DIVER	1272.0	48	7	1.357	36AH	17.8	452
SDCJ-AS163HTRXX	PHEASANT	1272.0	54	19	1.382	36AH	19.1	485
SDCJ-AS164HTRXX	DIPPER	1351.5	45	7	1.386	36AH	18.4	467
SDCJ-AS166HTRXX	MARTIN	1351.5	54	19	1.424	38AH	19.5	495
SDCJ-AS167HTRXX	BOBOLINK	1431.0	45	7	1.427	38AH	19.5	495
SDCJ-AS169HTRXX	PLOVER	1431.0	54	19	1.465	38AH	19.5	495
SDCJ-AS170HTRXX	NUTHATCH	1510.0	45	7	1.466	38AH	19.5	495
SDCJ-AS172HTRXX	PARROT	1510.0	54	19	1.505	40AH	19.5	495
SDCJ-AS171HTRXX	RATITE	1590.0	42	7	1.492	40AH	19.5	495
SDCJ-AS173HTRXX	LAPWING	1590.0	45	7	1.504	40AH	19.5	495
SDCJ-AS174HTRXX	FALCON	1590.0	54	19	1.544	40AH	20.4	518
SDCJ-AS175HTRXX	CHUKAR	1780.0	84	19	1.602	42AH	20.1	511
SDCJ-AS176HTRXX	MOCKINGBIRD	2034.5	72	7	1.681	42AH	20.1	511
SDCJ-AS177HTRXX	ROADRUNNER	2057.0	76	19	1.700	42AH	20.1	511
SDCJ-AS178HTRXX	BLUEBIRD	2156.0	84	19	1.762	44AH	21.1	536
SDCJ-AS179HTRXX	KIWI	2167.0	72	7	1.735	44AH	20.4	518
SDCJ-AS180HTRXX	THRASHER	2312.0	76	19	1.802	44AH	18.9	480
SDCJ-AS181HTRXX	JOREE	2515.0	76	19	1.880	48AH	19.1	485

Solo HD Replacement Compression Dead End for ACSS/TW and ACSR/TW Conductors, SDESR Series



The Solo HD Replacement Dead Ends are used to replace damaged conductor and dead ends at the structure. They are designed for fast and easy installation, requiring only the AH compression die set. By using a high strength alloy, the compression length has been shortened for less compression bites, while maintaining a minimum 95% of the ASTM rated strength. The replacement dead end does not require filler compound, eliminating an installation step.

The square edges of the bolted pads of the compression accessories could cause Corona. Pads with edges and corners rounded can be supplied by adding the catalog suffix "EHV." Each dead end assembly comes with terminal and aluminum hardware, unless no terminal (NT) is used in the part number. The tongue and terminal pad are constructed with a 15° angle, which permits a terminal connector to be bolted in the straight or 30° position.

The end tapers of all compression accessories are supplied with a high voltage finish for die size sections 30AH and above.

Ordering Instructions

Step 1: Assembly Catalog Number

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

Step 2: Terminal Connector

For an assembly without a terminal connector, use "NT".
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use "EHV". (> 345 kV). For Standard Finish, leave blank. (< 345 kV)

Step 4: Determine Length of Span Removal (XX)

Determine the length of existing dead end and/or conductor (XX) that will be cut out, to the nearest inch (Maximum 60").

Step 5: Assemble Catalog Number



Example:

A replacement compression dead end for 959.6 Suwannee/TW conductor with no terminal, EHV finish and a removed conductor length of 24 inches, the complete catalog number is:

SDES-AS108HTR24NTEHV

Notes:

1. Assembly Catalog Number includes one aluminum body, one terminal, and one eye/core grip.
2. Installation Instructions for Compression Joints (INS-ACA116) are on page 384 in the HT section in this catalog.
3. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

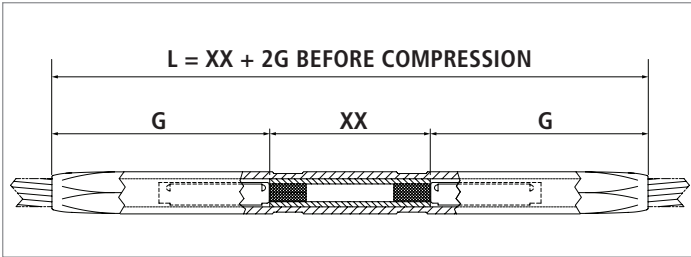
ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR/TW AND ACSS/TW	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST				
SDES-AS114HTRXX	ORIOLE ACSS/TW	336.4	23	18	0.693	20AH	13.8	351
SDES-AS120HTRXX	FLICKER ACSS/TW	447.0	13	18	0.776	24AH	14.3	363
SDES-AS121HTRXX	HAWK ACSS/TW	477.0	16	18	0.798	24AH	14.6	371
SDES-AS122HTRXX	HEN ACSS/TW	477.0	23	18	0.825	24AH	14.3	363
SDES-AS124HTRXX	PARAKEET ACSS/TW	556.5	13	18	0.835	24AH	14.6	371
SDES-AS125HTRXX	DOVE ACSS/TW	556.5	16	20	0.852	24AH	14.9	378
SDES-AS858HTRXX	CALUMET ACSS/TW	565.3	16	18	0.858	24AH	15.2	386
SDES-AS846HTRXX	MOHAWK ACSS/TW	571.7	13	18	0.846	24AH	15.2	386
SDES-AS132HTRXX	ROOK ACSS/TW	636.0	13	19	0.890	27AH	15.4	391
SDES-AS133HTRXX	GROSBEEK ACSS/TW	636.0	16	20	0.908	27AH	15.9	404
SDES-AS182HTRXX	SCOTER ACSS/TW	636.0	23	18	0.953	27AH	15.9	404
SDES-AS927HTRXX	OSWEGO ACSS/TW	664.8	16	20	0.927	27AH	15.9	404
SDES-AS913HTRXX	MYSTIC ACSS/TW	666.6	13	20	0.913	27AH	16.2	411
RXXSDES-AS990HT	WABASH ACSS/TW	762.8	16	20	0.990	30AH	16.2	411

continued
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Solo HD Replacement Compression Dead End for ACSS/TW and ACSR/TW Conductors, SDESR Series

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR/TW AND ACSS/TW	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST	IN			
SDES-AS977HTRXX	MAUMEE ACSS/TW	768.2	13	20	0.977	30AH	17.5	445
SDES-AS140HTRXX	TERN ACSS/TW	795.0	7	17	0.960	30AH	15.4	391
SDES-AS980HTRXX	PUFFIN ACSS/TW	795.0	10	18	0.980	30AH	15.8	401
SDES-AS141HTRXX	CONDOR ACSS/TW	795.0	13	20	0.993	30AH	16.4	417
SDES-AS142HTRXX	DRAKE ACSS/TW	795.0	16	20	1.010	30AH	16.5	419
SDES-AS146HTRXX	CANARY ACSS/TW	900.0	13	30	1.080	30AH	16.8	427
SDES-AS077HTRXX	FRASER ACSS/TW	946.7	10	35	1.077	30AH	16.3	414
SDES-AS044HTRXX	PHOENIX ACSS/TW	954.0	5	30	1.044	30AH	16.3	414
SDES-AS148HTRXX	RAIL ACSS/TW	954.0	7	32	1.061	30AH	16.1	409
SDES-AS150HTRXX	CARDINAL ACSS/TW	954.0	13	20	1.084	30AH	20.6	523
SDES-AS060HTRXX	KETTLE ACSS/TW	957.2	7	32	1.060	30AH	16.7	424
SDES-AS108HTRXX	SUWANNEE ACSS/TW	959.6	16	22	1.108	30AH	17.5	445
SDES-AS092HTRXX	COLUMBIA ACSS/TW	966.2	13	21	1.092	30AH	17.5	445
SDES-AS153HTRXX	SNOWBIRD ACSS/TW	1033.5	5	30	1.089	34AH	18.2	462
SDES-AS152HTRXX	ORTOLAN ACSS/TW	1033.5	7	32	1.102	34AH	17.4	442
SDES-AS154HTRXX	CURLEW ACSS/TW	1033.5	13	22	1.128	34AH	18.2	462
SDES-AS131HTRXX	—	1080.0	7	20	1.131	34AH	17.6	447
SDES-AS129HTRXX	AVOCET ACSS/TW	1113.0	5	30	1.129	34AH	17.7	450
SDES-AS155HTRXX	BLUEJAY ACSS/TW	1113.0	7	33	1.143	34AH	21.1	536
SDES-AS157HTRXX	FINCH ACSS/TW	1113.0	13	38	1.185	34AH	18.1	460
SDES-AS165HTRXX	GENESEE ACSS/TW	1158.0	7	33	1.165	34AH	18.2	462
SDES-AS196HTRXX	HUDSON ACSS/TW	1158.4	13	26	1.196	34AH	18.5	470
SDES-AS155HTRXX	CHEYENNE ACSS/TW	1168.1	5	30	1.155	34AH	18.5	470
SDES-AS167HTRXX	OXBIRD ACSS/TW	1192.5	5	30	1.167	34AH	18.5	470
SDES-AS158HTRXX	BUNTING ACSS/TW	1192.5	7	33	1.191	34AH	18.1	460
SDES-AS159HTRXX	GRACKLE ACSS/TW	1192.5	13	38	1.225	36AH	18.1	460
SDES-AS245HTRXX	YUKON ACSS/TW	1233.6	13	38	1.245	34AH	18.6	472
SDES-AS213HTRXX	NELSON ACSS/TW	1257.1	7	35	1.213	34AH	18.6	472
SDES-AS427HTRXX	PEE DEE ACSS/TW	1758.6	7	37	1.427	40AH	19.9	505
SDES-AS175HTRXX	CHUKAR ACSS/TW	1780.0	8	37	1.445	42AH	20.1	511
SDES-AS545HTRXX	CUMBERLAND ACSS/TW	1926.9	13	42	1.545	42AH	20.8	528
SDES-AS504HTRXX	ATHABASKA ACSS/TW	1949.6	7	42	1.504	42AH	20.8	528
SDES-AS602HTRXX	POWDER ACSS/TW	2153.8	8	64	1.602	44AH	21.1	536
SDES-AS178HTRXX	BLUEBIRD ACSS/TW	2156.0	8	64	1.608	44AH	21.1	536
SDES-AS762HTRXX	SANTEE ACSS/TW	2627.3	8	64	1.762	48AH	21.7	551

Solo HD Replacement Compression Joint for ACSS/TW and ACSR/TW Conductors, SDCJR Series



The Solo HD Replacement Joints are used to replace damaged conductor and removed splices in midspan. They are designed for fast and easy installation, requiring only the AH compression die set. By using a high strength alloy, the compression length has been shortened for less compression bites, while maintaining a minimum 95% of the ASTM rated strength. The replacement joint does not require filler compound, eliminating an installation step.

The end tapers of all compression accessories are supplied with a high voltage finish for die size sections 30AH and above.

Ordering Instructions

Step 1: Assembly Catalog Number

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

Step 2: Determine Length of Span Removal (XX)

Determine the length of existing splice and/or conductor (XX) that will be cut out, to the nearest inch (Maximum 60").

Step 3: Assemble Catalog Number

Catalog Number + **Removed Conductor Length (XX)**

Example:

A replacement compression joint for 959.6 Suwannee/TW conductor with a removed conductor length of 24 inches, the complete catalog number is:

SDCJ-AS108HTR24

Notes:

1. Assembly Catalog Number includes one aluminum body and two core grips.
2. Installation Instructions for Compression Joints (INS-ACA117) are on page 400 in the HT section in this catalog.
3. For more information on die selection and ordering instructions, see Tools and Equipment tab in this catalog.

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR/TW AND ACSS/TW	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST	IN			
SDCJ-AS114HT	ORIOLE ACSS/TW	336.4	23	18	0.693	20AH	13.8	351
SDCJ-AS120HT	FLICKER ACSS/TW	447.0	13	18	0.776	24AH	14.3	363
SDCJ-AS121HT	HAWK ACSS/TW	477.0	16	18	0.798	24AH	14.6	371
SDCJ-AS122HT	HEN ACSS/TW	477.0	23	18	0.825	24AH	14.3	363
SDCJ-AS124HT	PARAKEET ACSS/TW	556.5	13	18	0.835	24AH	14.6	371
SDCJ-AS125HT	DOVE ACSS/TW	556.5	16	20	0.852	24AH	14.9	378
SDCJ-AS858HT	CALUMET ACSS/TW	565.3	16	18	0.858	24AH	15.2	386
SDCJ-AS846HT	MOHAWK ACSS/TW	571.7	13	18	0.846	24AH	15.2	386
SDCJ-AS132HT	ROOK ACSS/TW	636.0	13	19	0.890	27AH	15.4	391
SDCJ-AS133HT	GROSBEAK ACSS/TW	636.0	16	20	0.908	27AH	15.9	404
SDCJ-AS182HT	SCOTER ACSS/TW	636.0	23	18	0.953	27AH	15.9	404
SDCJ-AS927HT	OSWEGO ACSS/TW	664.8	16	20	0.927	27AH	15.9	404
SDCJ-AS913HT	MYSTIC ACSS/TW	666.6	13	20	0.913	27AH	16.2	411
SDCJ-AS990HT	WABASH ACSS/TW	762.8	16	20	0.990	30AH	16.2	411
SDCJ-AS977HT	MAUMEE ACSS/TW	768.2	13	20	0.977	30AH	17.5	445
SDCJ-AS140HT	TERN ACSS/TW	795.0	7	17	0.960	30AH	15.4	391
SDCJ-AS980HT	PUFFIN ACSS/TW	795.0	10	18	0.980	30AH	15.8	401
SDCJ-AS141HT	CONDOR ACSS/TW	795.0	13	20	0.993	30AH	16.4	417
SDCJ-AS142HT	DRAKE ACSS/TW	795.0	16	20	1.010	30AH	16.5	419
SDCJ-AS146HT	CANARY ACSS/TW	900.0	13	30	1.080	30AH	16.8	427
SDCJ-AS077HT	FRASER ACSS/TW	946.7	10	35	1.077	30AH	16.3	414
SDCJ-AS044HT	PHOENIX ACSS/TW	954.0	5	30	1.044	30AH	16.3	414
SDCJ-AS148HT	RAIL ACSS/TW	954.0	7	32	1.061	30AH	16.1	409
SDCJ-AS150HT	CARDINAL ACSS/TW	954.0	13	20	1.084	30AH	20.6	523
SDCJ-AS060HT	KETTLE ACSS/TW	957.2	7	32	1.060	30AH	16.7	424
SDCJ-AS108HT	SUWANNEE ACSS/TW	959.6	16	22	1.108	30AH	17.5	445

Solo HD Replacement Compression Joint for ACSS/TW and ACSR/TW Conductors, SDCJR Series

ASSEMBLY CATALOG NUMBER	CONDUCTOR					ALUMINUM HEX DIES SIZE	DIMENSION G	
	ACSR/TW AND ACSS/TW	SIZE	STRANDING		DIAMETER		IN	MM
		KCMIL	AL	ST	IN			
SDCJ-AS092HT	COLUMBIA ACSS/TW	966.2	13	21	1.092	30AH	17.5	445
SDCJ-AS153HT	SNOWBIRD ACSS/TW	1033.5	5	30	1.089	34AH	18.2	462
SDCJ-AS152HT	ORTOLAN ACSS/TW	1033.5	7	32	1.102	34AH	17.4	442
SDCJ-AS154HT	CURLEW ACSS/TW	1033.5	13	22	1.128	34AH	18.2	462
SDCJ-AS131HT	—	1080.0	7	20	1.131	34AH	17.6	447
SDCJ-AS129HT	AVOCET ACSS/TW	1113.0	5	30	1.129	34AH	17.7	450
SDCJ-AS155HT	BLUEJAY ACSS/TW	1113.0	7	33	1.143	34AH	21.1	536
SDCJ-AS157HT	FINCH ACSS/TW	1113.0	13	38	1.185	34AH	18.1	460
SDCJ-AS165HT	GENESEE ACSS/TW	1158.0	7	33	1.165	34AH	18.2	462
SDCJ-AS196HT	HUDSON ACSS/TW	1158.4	13	26	1.196	34AH	18.5	470
SDCJ-AS155HT	CHEYENNE ACSS/TW	1168.1	5	30	1.155	34AH	18.5	470
SDCJ-AS167HT	OXBIRD ACSS/TW	1192.5	5	30	1.167	34AH	18.5	470
SDCJ-AS158HT	BUNTING ACSS/TW	1192.5	7	33	1.191	34AH	18.1	460
SDCJ-AS159HT	GRACKLE ACSS/TW	1192.5	13	38	1.225	36AH	18.1	460
SDCJ-AS245HT	YUKON ACSS/TW	1233.6	13	38	1.245	34AH	18.6	472
SDCJ-AS213HT	NELSON ACSS/TW	1257.1	7	35	1.213	34AH	18.6	472
SDCJ-AS427HT	PEE DEE ACSS/TW	1758.6	7	37	1.427	40AH	19.9	505
SDCJ-AS175HT	CHUKAR ACSS/TW	1780.0	8	37	1.445	42AH	20.1	511
SDCJ-AS545HT	CUMBERLAND ACSS/TW	1926.9	13	42	1.545	42AH	20.8	528
SDCJ-AS504HT	ATHABASKA ACSS/TW	1949.6	7	42	1.504	42AH	20.8	528
SDCJ-AS602HT	POWDER ACSS/TW	2153.8	8	64	1.602	44AH	21.1	536
SDCJ-AS178HT	BLUEBIRD ACSS/TW	2156.0	8	64	1.608	44AH	21.1	536
SDCJ-AS762HT	SANTEE ACSS/TW	2627.3	8	64	1.762	48AH	21.7	551