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DISTRIBUTION CONNECTORS

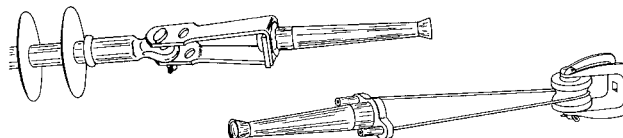
SECTION DA

DEADENDS AUTOMATIC COPPER

COPPER
GD500/GD100

DA
1

- Fastest method of deadending Copper and Copperweld® conductor.
- Flared mouth of gripping unit permits easy conductor installation.
- Four segment jaw is precision machined and automatically adjusts to the contour of the wire.
- High strength alloy copper tube for gripping Copperweld® conductors
- Available with galvanized steel stirrup clevis or stainless steel Z bail for primary applications.



Material: Shell – High strength Copper Alloy
 Jaws – Copper Alloy
 Clevis Bail – Galvanized steel
 Z Bail – Stainless Steel, formed wire
 Flex Bail – Braided stainless steel
 Semi-flex Bail – Stainless Steel, formed wire



Z Bail



Flex Bail



Clevis Bail



Semi-flex Bail

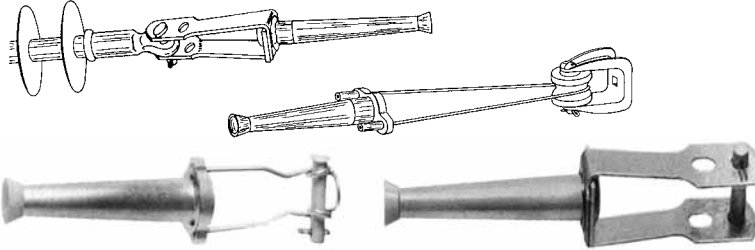
CATALOG NUMBER				CONDUCTOR RANGE			APPROXIMATE CONDUCTOR O.D. INCHES (MM)
CLEVIS BAIL	Z BAIL	FLEX BAIL	SEMI-FLEX BAIL	COPPER		COPPERWELD	
				SOLID ASTM- B258	STRAND ASTM-B8	STRAND	
-	-	GD110	GD110R	8	-	-	.12-.13 (3.1-3.3)
GD511	GD111Z	GD111	GD111R	6	-	-	.16-.17 (4.0-4.4)
GD512	GD112Z	GD112	GD112R	4	-	8A	.19-.20 (4.9-5.2)
GD513	GD113Z	GD113	GD113R	3	4	6A	.22-.23 (5.7-5.9)
GD514	GD114Z	GD114	GD114R	2	3	5A	.25-.26 (6.3-6.6)
GD515	GD115Z	GD115	GD115R	1	2	4A	.28-.29 (7.2-7.4)
GD516	GD116Z	GD116	GD116R	1/0	1	3A	.32-.33 (8.1-8.3)
GD517	GD117Z	GD117	GD117R	2/0	1/0	2A	.36-.37 (9.1-9.3)
GD518	GD118Z	GD118	GD118R	3/0	2/0	-	.40-.41 (10.2-10.5)
GD519	GD119Z	GD119	GD119R	4/0	3/0	-	.45-.46 (11.5-11.8)
GD520	GD120Z	GD120	GD120R	-	4/0	-	.52-.53 (13.2-13.4)
GD521	GD121Z	GD121	GD121R	-	250 KCMIL	-	.57-.58 (14.4-14.7)
GD523	-	-	-	-	300 KCMIL	-	.62-.63 (15.8-16.1)

DA
2

ALUMINUM
GD400

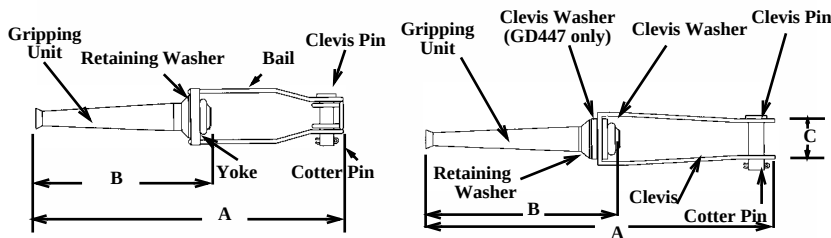
DEADENDS
AUTOMATIC
ALUMINUM

- Fastest method of deadending ACSR, AAAC, and AAC conductor.
- Color coded funnel guide for easy identification. Flared conductor funnel guides ease installation.
- Aluminum alloy shell and inhibitor protected aluminum jaws assure corrosion resistance.
- Available with galvanized steel stirrup clevis or stainless steel Z bail for primary applications. Flexible or semiflexible stainless steel bails can be used on secondary applications.
- See GDW Series for range-taking automatic deadends.



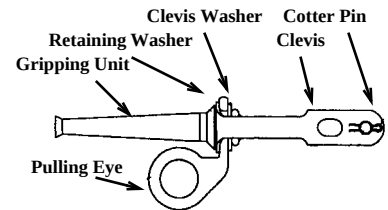
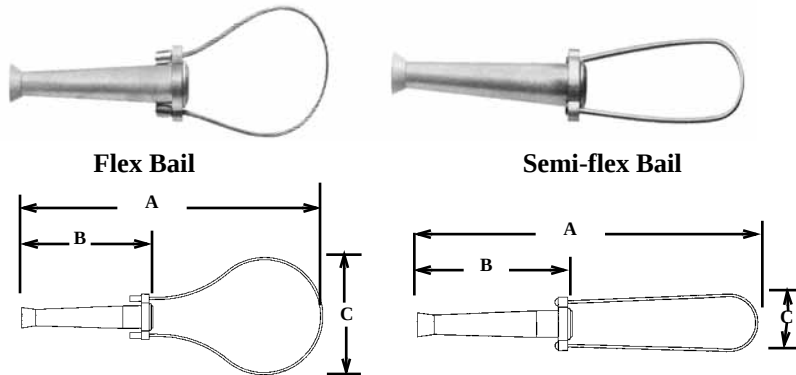
Z Bail

Clevis Bail



Note: For neoprene covered Flex or Semi-flex bail add suffix "N". Example GD402AN
Add suffix "TA" for pulling eye.
Example GD4442ATA (Fig #1)

Material: Shell – High Strength Aluminum Alloy
Jaws – Aluminum Alloy
Clevis Bail – Aluminum Alloy or Galvanized Steel
Z Bail – Stainless Steel, formed wire
Flex Bail – Braided stainless steel
Semi-flex Bail – Stainless Steel, formed wire
Pulling Eye – Aluminum Alloy



Fig#1

CATALOG NUMBER	BAIL TYPE	STD. COND. SIZES	DIMENSIONS			OTHER INFORMATION		APPROX. WT. EACH LBS. (KG)
			A	B	C	DIA. RANGE IN. (MM)	COLOR CODE	
GD442A	CLEVIS	#4 ACSR (6/1) #4 AAAC #4 AAC	11.0	5.0	-	.225-.250 (5.59-6.35)	ORANGE	0.56 (.25)
GD402AZ	SS Z		10.4	5.0	-			0.43 (.19)
GD402A	SS FLEX		12.8	5.0	2.0			0.20 (.09)
GD462A	SEMI-FLEX		12.0	5.0	2.2			0.24 (.10)
GD4442A	CLEVIS	#2 & #4 ACSR #2 & #4 AAAC #2 & #4 AAC	12.9	7.0	-	.220-.320 (5.59-8.13)	RED-ORANGE	0.63 (.29)
GD4042AZ	SS Z		12.0	7.0	-			1.00 (.45)
GD4042A	SS FLEX		13.7	7.0	2.0			0.34 (.15)
GD4642A	SEMI-FLEX		14.4	7.0	2.2			0.38 (.17)



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS AUTOMATIC ALUMINUM (CONTINUED)

ALUMINUM
GD400

DA
3

CATALOG NUMBER	BAIL TYPE	STD. COND. SIZES	DIMENSIONS			OTHER INFORMATION		APPROX. WT. EACH LBS. (KG)
			A	B	C	DIA. RANGE IN. (MM)	COLOR CODE	
GD446A	CLEVIS	1/0 ACSR 1/0 AAAC 1/0 AAC	12.3	6.4	-	.355-.400 (9.02-10.16)	YELLOW	1.02 (.46)
GD406AZ	SS Z		14.2	6.4	-			0.20 (.09)
GD406A	SS FLEX		15.3	6.4	2.0			0.40 (.18)
GD466A	SEMI-FLEX		15.8	6.4	2.2			0.30 (.14)
GD447	CLEVIS	2/0 ACSR 2/0 AAAC 2/0 AAC	17.8	9.3	-	.400-.470 (10.15-11.94)	GRAY	2.50 (1.13)
GD407Z	SS Z		17.6	9.3	-			1.40 (.64)
GD407	SS FLEX		15.5	9.3	2.0			0.76 (.35)
GD467	SEMI-FLEX		18.4	9.3	2.2			1.10 (.49)
GD448	CLEVIS	3/0 ACSR 3/0 AAAC 3/0 AAC	18.9	10.0	-	.450-.530 (11.43-13.46)	BLACK	2.40 (1.09)
GD408Z	SS Z		18.0	10.0	-			1.40 (.63)
GD408	SS FLEX		17.6	10.0	2.0			1.16 (.53)
GD468	SEMI-FLEX		19.0	10.0	2.2			1.10 (.50)
GD449A	CLEVIS	4/0 ACSR 4/0 AAC 4/0 AAAC	17.5	9.0	-	.505-.595 (12.83-15.11)	PINK	2.43 (1.10)
GD409AZ	SS Z		17.2	9.0	-			1.40 (.63)
GD409A	SS FLEX		17.6	9.0	2.0			1.00 (.45)
GD469A	SEMI-FLEX		18.0	9.0	2.2			1.00 (.45)
GD5205A	CLEVIS	266.8 AAC	11.6	4.6	-	.518-.595 (13.16-15.11)	-	1.32 (.59)
GD1205AZ	SS Z		12.8	4.6	-			1.00 (.45)
GD1205A	SS FLEX		13.6	4.6	2.0			0.64 (.29)
GD1205AR	SEMI-FLEX		14.4	4.6	2.2			0.66 (.29)
GD450*	CLEVIS	266.8 (18/1) ACSR 312.8 AAAC 336.4 AAC(1)	18.5	9.6	-	.603-.666 (15.32-16.92)	BROWN	2.70 (1.22)
GD410Z*	SS Z		20.4	9.6	-			1.80 (.82)
GD410*	SS FLEX		16.9	9.6	2.0			1.20 (.54)
GD470*	SEMI-FLEX		17.8	9.6	1.9			1.40 (.64)
GD451*	CLEVIS	336.4 (18/1) ACSR 394.5 AAAC 397.5 AAC(1)	18.9	10.5	-	.659-.724 (16.74-18.39)	GREEN	2.0 (.90)
GD411Z*	SS Z		20.8	10.5	-			2.10 (.95)
GD411*	SS FLEX		17.7	10.5	2.0			1.80 (.82)
GD471*	SEMI-FLEX		18.6	10.5	1.9			1.70 (.77)
-	CLEVIS	397.5 (18/1) ACSR 465.4 AAAC 477 AAC (1)	-	-	-	.722-.795 (18.34-20.19)	BLUE	-
GD412Z*	SS Z		19.6	11.3	-			2.40 (1.08)
GD412*	SS FLEX		19.0	11.3	2.0			2.00 (.91)
GD472*	SEMI-FLEX		19.3	11.3	1.9			2.00 (.91)
-	CLEVIS	477 (18/1) ACSR 559.5 AAAC 500 AAC 556 AAC(1)	-	-	-	.780-.858 (19.81-21.79)	WHITE	-
GD413Z*	SS Z		20.3	12.0	-			2.60 (1.18)
GD413*	SS FLEX		20.0	12.0	2.0			2.20 (.99)
-	SEMI-FLEX		-	-	-			-

*Maximum design rating 10,000 Lb./4535 kg.

(1) Includes compact conductor of each size

(2) For neoprene covered bail add suffix "N" Ex. GD406AN.

DA-3



**DEADENDS
AUTOMATIC
OVERHEAD SIDE-OPENING WEDGE
ALUMINUM**

DA
4

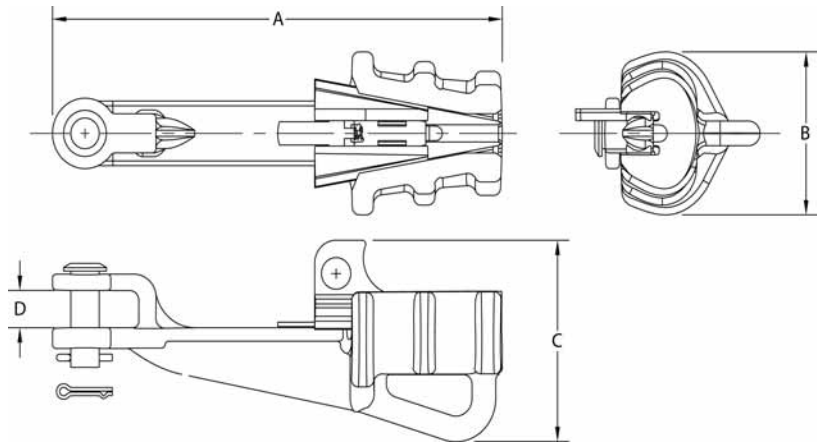
ALUMINUM
GDW



- Fastest method of deadending ACSR, AAAC, and AAC conductor.
- Accepts wide range of conductor sizes. High Strength Aluminum Alloy body and jaws.
- Requires no wrenches or special tools.
- Can be repositioned on conductor during installation.
- Rotated clevis eases placement of conductor.
- Plated jaws available to accommodate copper conductors.

Note: For plated jaws remove "A" suffix.
Example: GDW440

Material: Body and Jaws – High Strength Aluminum Alloy
Clevis Pin – Galvanized Steel
Cotter Pin – Stainless Steel



CATALOG NUMBER	CONDUCTOR RANGE		DECIMAL RANGE INCHES (MM)		ULTIMATE STRENGTH (LBS)		DIMENSIONS INCHES (MM)			
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	BODY	SAG EYE	A	B	C	D
GDW420A *GDW420	#4 str AAC #4 AAAC #4 ACSR #4 str CU	2/0 str AAC 2/0 AAAC 2/0 ACSR 2/0 str CU	.23 (5.8)	.45 (11.4)	6,000 (2,727)	4,000 (1,818)	9.45 (240.1)	296 (75.1)	3.97 (100.8)	0.75 (19.2)
GDW440A *GDW440	#4 str AAC #4 AAAC #4 ACSR #4 str CU	4/0 str AAC 4/0 AAAC 4/0 ACSR 3/0 str CU	.23 (5.8)	.57 (14.5)	9,000 (4,090)	6,000 (2,727)	9.84 (249.8)	3.31 (84)	4.08 (103.6)	0.76 (19.2)
GDW556A** *GDW556**	4/0 AAC 4/0 AAAC 4/0 ACSR 4/0 str CU	600 AAC 559.5 AAAC 556.5 ACSR 600 str CU	.52 (13.2)	.90 (22.8)	10,000 (4,545)	6,000 (2,727)	16.2 (335.3)	5.67 (144)	5.25 (133.4)	0.81 (20.6)
GDW795A	4/0 AAC 4/0 AAAC 4/0 ACSR	900 AAC 927.2 AAAC 795 ACSR	.52 (13.2)	1.11 (28.1)	15,000 (6,818)	6,000 (2,727)	20.2 (513)	5.90 (150)	5.78 (146.8)	0.71 (18)

* Plated aluminum jaws provided to accommodate copper conductors.

** RUS Listed



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS AUTOMATIC OVERHEAD SIDE-OPENING WEDGE ALUMINUM GDW2000 SERIES

ALUMINUM
GDW2000

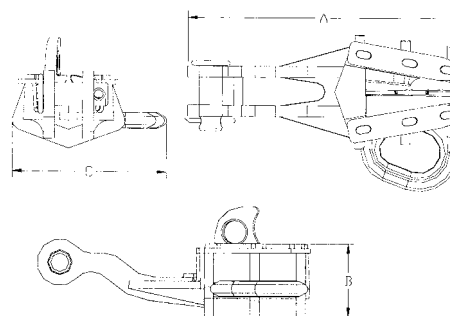
DA
5

- Redesigned GDW2000 Series
- Fastest method of deadending ACSR, AAAC, and AAC conductor.
- Accepts wide range of conductor sizes. High strength Aluminum alloy body and jaws.
- Requires no wrenches or special tools.
- Can be repositioned on conductor during installation.
- Plated jaws available to accommodate copper conductors.



Note: For plated jaws remove "A" suffix.
Example: GDW2010

Material: Body and Jaws – High strength
Aluminum Alloy
Clevis Pin – Galvanized Steel
Cotter Pin – Stainless Steel



GDW2000 DEADEND DESIGN IMPROVEMENTS

- To remove space bar, add Suffix "NSB"
- Parallel Legs: This improvement allows for easy conductor passage and installation of larger conductors. Conductor is quickly cradled within the deadend.
- Pulling Eye: Moved on the body side for easier access and sagging of conductor.
- Permanent Mold Body Casting: Higher strength with tighter tolerance control.
- Staked Jaw Keepers: Hold jaws in place. Permanently captivates jaw set. Jaws accept a wide conductor range so inventory is minimized.
- Interlocking Die Cast Jaws: Redesigned for improved positive locking action and movement. Helps eliminate tightening errors. Aluminum or plated jaws accommodate aluminum and copper conductors.

CATALOG NUMBER	CONDUCTOR RANGE		DECIMAL RANGE INCHES (MM)		ULTIMATE STRENGTH (LBS)		DIMENSIONS INCHES (MM)			APPROX. WEIGHT EA LBS (KG)
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	BODY	SAG EYE	A	B	C	
GDW2010A** *GDW2010**	#4 str AAC #4 AAAC #4 ACSR #4 str CU	2/0 str AAC 2/0 AAAC 2/0 ACSR 2/0 str CU	.23 (5.8)	.45 (11.4)	6,000	4,000	7.5 (190.5)	2.0 (50.8)	4.5 (114.3)	1.5 (.07)
GDW2040A** *GDW2040**	#4 str AAC #4 AAAC #4 ACSR #4 str CU	4/0 str AAC 4/0 AAAC 4/0 ACSR 3/0 str CU	.23 (5.8)	.57 (14.5)	8,000	6,000	8.0 (203.2)	2.0 (50.8)	4.9 (124.5)	2.0 (0.9)

* Plated aluminum jaws provided to accommodate copper conductors.
** RUS Listed



DEADENDS
AUTOMATIC
GUY WIRE

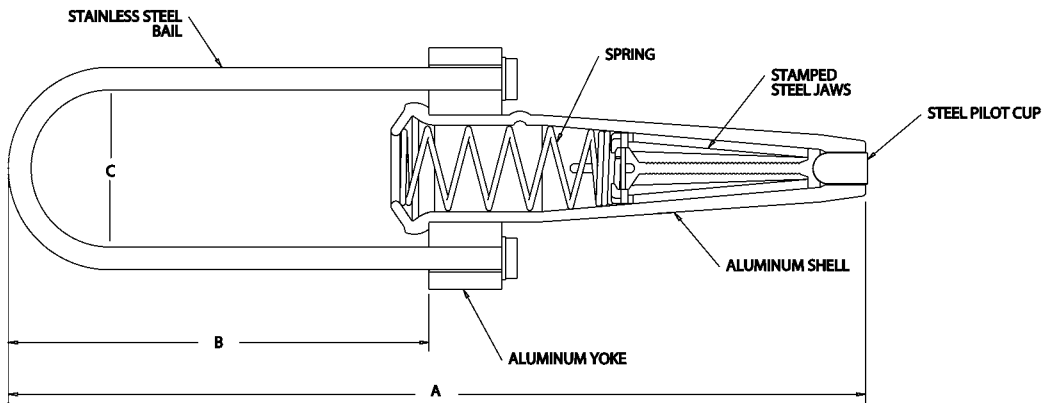
DA
6

ALUMINUM
GDE5100

Fargo GDE5100 Series Automatic deadends are designed for use on High Strength, Common, Siemens-Martin, Utilities and Bell System Strand.

Note: Consult factory for information on other applications.

Material: Gripping Unit —Stainless Steel
Yoke —Aluminum Alloy
Bail— Stainless Steel



CATALOG NUMBER	PRIMARY STRAND APPLICATION	RANGE (IN.)	RANGE (MM)	DIMENSIONS		
				A	B	C
GDE5100	1/4"	0.240-0.253	6.11-6.44	9.2	5.7	1.4
GDE5101	5/16"	0.310-0.335	7.89-8.53	9.25	5.6	1.5
GDE5101L	5/16"	0.310-0.335	7.89-8.53	13.1	9.5	1.5
GDE5102	3/8"	0.360-0.405	9.16-10.31	11.9	7.1	1.7
GDE5102L	3/8"	0.360-0.405	9.16-10.31	17.0	12.5	1.7

NOTE: Suffix "L" Denoted Extended Bail.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS AUTOMATIC GUY WIRE

Fargo GDE5200 Series Automatic deadends are designed for use on all grades of galvanized steel wire strand . . . High Strength, Extra High Strength, Alu-moWeld, Aluminized, Common, Siemens-Martin, Utilities and Bell System Strand.

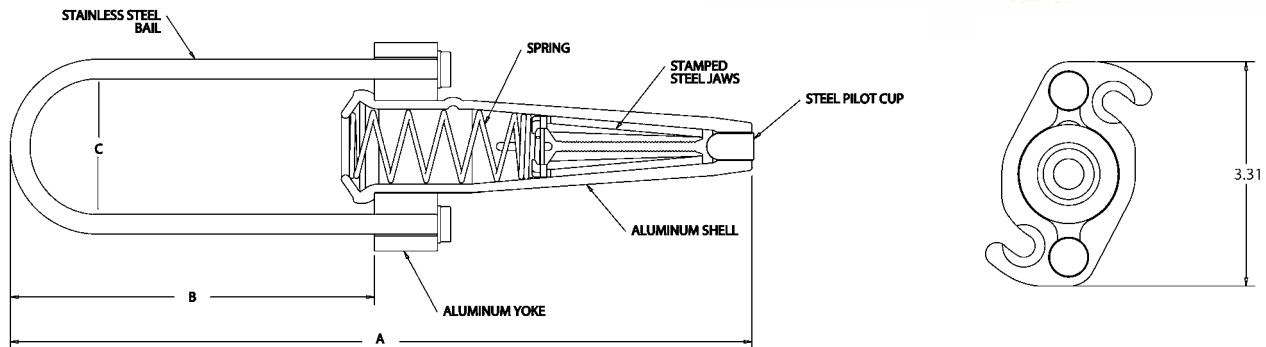
Innovative yoke design allows for installation without use of a gripping hook.

Note: Consult factory for information on other applications.

Material: Gripping Unit —Stainless Steel

ALUMINUM
GDE5200

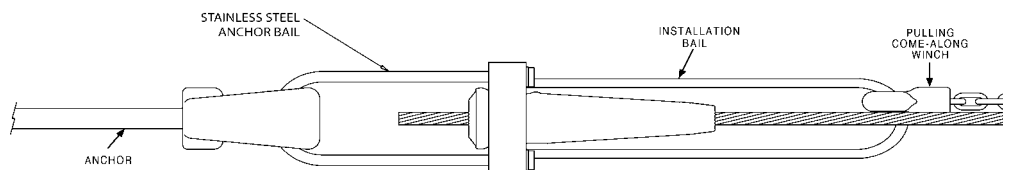
DA
7



CATALOG NUMBER	PRIMARY STRAND APPLICATION	RANGE (IN.)	RANGE (MM)	DIMENSIONS		
				A	B	C
GDE5200	1/4" EHS 7#12 (6M) AW	0.215-0.270	5.46-6.86	10.0	5.4	1.6
GDE5200L	1/4" EHS 7#12 (6M) AW	0.215-0.270	5.46-6.86	13.7	9.1	1.6
GDE5201	5/16" EHS 7#10 (10M), 7#11 (8M) AW	0.270-0.315	6.86-8.00	10.0	5.3	1.8
GDE5201L	5/16" EHS 7#10 (10M), 7#11 (8M) AW	0.270-0.315	6.86-8.00	15.3	10.5	1.8
GDE5202	3/8" EHS 3#5, 7#8, 7#9, 12.5M, 14M, 16M AW #4-2/5, #2-3/4, #1-5/2 AWAC	0.325-0.392	8.26-9.96	11.8	5.7	2.2
GDE5202L	3/8" EHS 3#5, 7#8, 7#9, 12.5M, 14M, 16M AW #4-2/5, #2-3/4, #1-5/2 AWAC	0.325-0.392	8.26-9.96	17.2	11.2	2.2
GDE5203	7/16" EHS 7#7 (20M), 18M AW #2-2/5, #1-3/4, #1/0-5/2 AWAC	0.392-0.458	9.96-11.63	14.6	8.5	2.4
GDE5203L	7/16" EHS 7#7 (20M), 18M AW #2-2/5, #1-3/4, #1/0-5/2 AWAC	0.392-0.458	9.96-11.63	18.4	12.4	2.4

Note: Suffix "L" denotes extended bail.

INSTALLATION BAIL	PART NO.
Bail for GDE5200 / GDE5200L	PS3005200
Bail for GDE5201 / GDE5201L	PS3005521
Bail for GDE5202 / GDE5202L	3005152
Bail for GDE5203 / GDE5203L	3005527



Typical Installation with 2nd Bail



GALVANIZED STEEL

FWDE

DEADENDS FORMED WIRE GUY WIRE

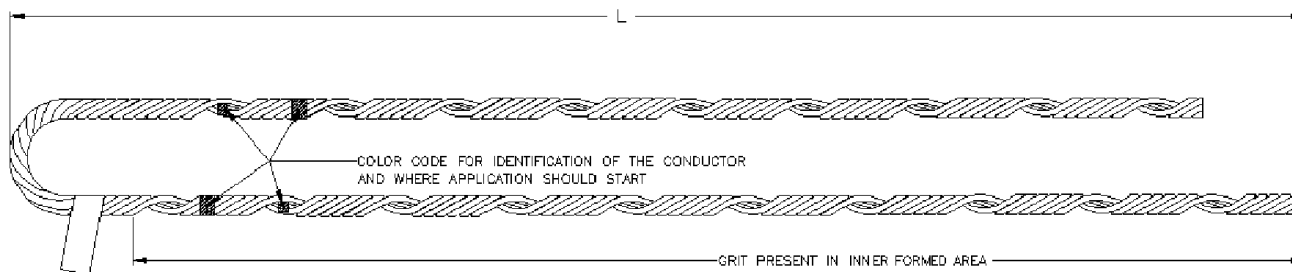
For deadend applications of support guy wires.

Fargo FWDE series formed wire deadends are designed for use on all types of galvanized guy wire (EHS, High Strength, Common, Siemens-Martin, Utilities and Bell System Strand).

FWDE will hold a minimum of 100% of the guy wire rated breaking strength.

Note: Consult factory for information on other applications.
Left hand lay standard.

Materials: Wire — EHS Steel, Zinc-plated to cover Class “B” coating per ASTM A641.



CATALOG NUMBER	NOMINAL SIZE	MAXIMUM RBS (LBS)	NOMINAL LENGTH (L)		COLOR CODE	PACKAGING PER BOX	
			IN	MM		UNITS	WEIGHT (LBS)
FWDE1104 **	1/4"	6,650	25	636	Yellow	50	36
FWDE1106 **	5/16"	11,200	31	789	Black	50	49
FWDE1107 **	3/8"	15,400	35	891	Orange	50	43
FWDE1108 **	7/16"	20,800	37	942	Green	25	43
FWDE2115	1/2"	26,900	49	1247	Blue	20	60
FWDE2116	9/16"	35,000	56	1422	Yellow	10	48

Notes: *Rated at 100% of guy strand RBS for EHS, HS, Siemens-Martin, Common and Utility Grades.
** RUS Technically Accepted.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS FORMED WIRE GUY WIRE ALUMOWELD®

ALUMINUM/STEEL

AWDE

DA
9

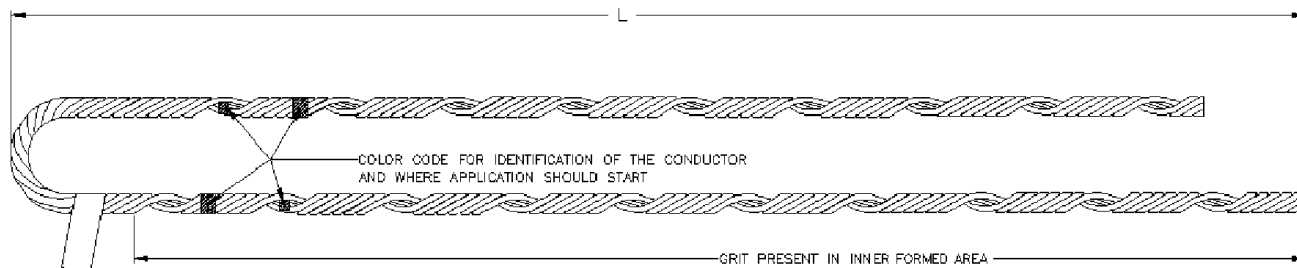
For deadend applications of support guy wires.

Fargo AWDE series formed wire deadends are designed for use on Alumoweld® type guy wire.

AWDE will hold a minimum of 100% of the guy wire rated breaking strength.

Note: Consult factory for information on other applications.
Left hand lay standard.

Materials: Aluminum coated steel wire



CATALOG NUMBER	NOMINAL SIZE	MAXIMUM RBS (LBS)	NOMINAL LENGTH (L)		COLOR CODE	PACKAGING PER BOX	
			IN	MM		UNITS	WEIGHT (LBS)
AWDE4110 **	6M	6,000	24	610	Yellow	50	20
AWDE4113 **	8M	8,050	24	610	Blue	50	20
AWDE4116 **	10M, 7#10	10,000	26	662	Black	50	30
AWDE4119 **	12.5M, 7#9	12,500	29	738	Yellow	50	32
AWDE4120 **	14M	14,000	33	838	Blue	50	53
AWDE4122 **	16M	16,000	32	813	Orange	50	55
AWDE4124	18M	18,000	34	865	Black	25	28
AWDE4125	7#7	19,060	36	916	Green	25	32
AWDE4126 **	20M	20,000	38	965	Yellow	10	22
AWDE4128	7#6	22,730	39	991	Blue	10	23
AWDE4130	25M	25,000	39	991	Red	10	31
AWDE4131	7#5	27,030	44	1118	Yellow	10	32

Notes: *Rated at 100% of guy strand RBS for Alumoweld®
** RUS Technically Accepted.



ALUMINUM COATED STEEL
SGFW

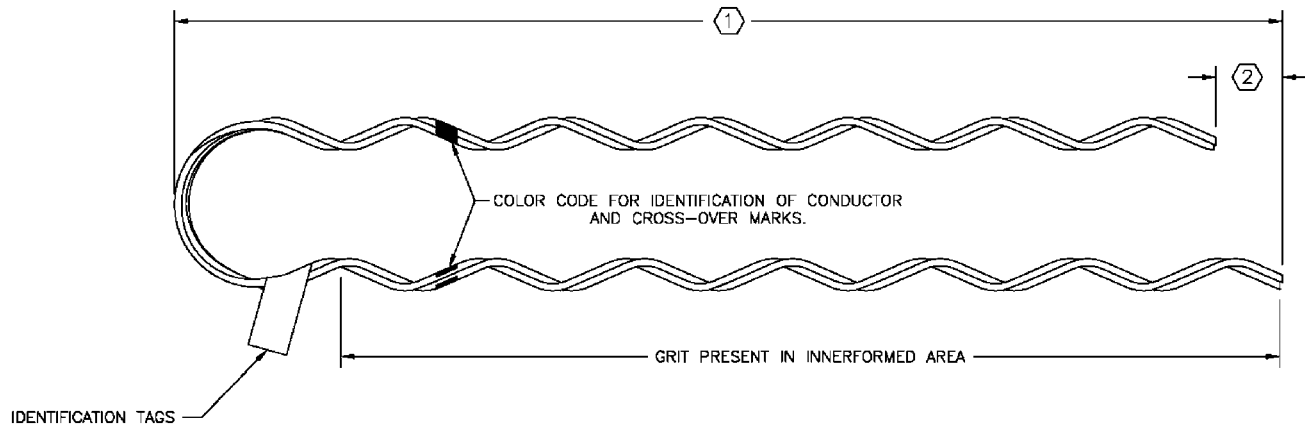
DEADENDS FORMED WIRE SERVICE GRIP

For deadend applications of neutral messengers used in making service drops.

Fargo SGFW series formed wire deadends are designed for use on self supporting cables (ACSR, AAC, AAAC).

SGFW deadends are partial tension devices and will hold a minimum of 50% of the cable (RBS) rated breaking strength.

Note: Consult factory for information on other applications.
Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE				DIAMETER RANGE		NOMINAL DIMENSIONS			PACKAGING PER BOX		COLOR CODE
	ACSR	AAC	AAAC	COMP.	MIN	MAX	DIM 1	DIM 2	NECK DIA.	UNITS	WEIGHT LBS (KG)	
SGFW4500	#6 (6/1)	#6 (7str)	#6 (7str)	#6 (6/1) #6 (7str) #5 (sol)	0.169 (4.29)	0.198 (5.04)	11 (280)	0.40 (10.2)	2.0 (50)	300	24 (10.9)	BLUE
SGFW4501	#5 (6/1)	#4 (sol)	#5 (7str)	#4 (7str) #4 (sol)	0.199 (5.05)	0.224 (5.70)	12 (305)	0.40 (10.2)	2.0 (50)	300	25 (11.4)	WHITE
SGFW4502 **	#4 (6/1) #4 (7/1)	#4 (7w)	#4 (7str)	#4 (6/1) #4 (7/1)	0.225 (5.71)	0.257 (6.54)	13 (330)	0.40 (10.2)	2.0 (50)	300	32 (14.5)	ORANGE
SGFW4503	#3 (6/1)	#3 (7str)	#3 (7str)	#3 (6/1) #2 (7str) #2 (sol) #1 (sol)	0.258 (6.55)	0.289 (7.35)	14 (355)	0.40 (10.2)	2.0 (50)	200	24 (10.9)	BLACK
SGFW4504 **	#2 (6/1) #2 (7/1)	#2 (7str)	#2 (7str)	#2 (7str)	0.290 (7.35)	0.325 (8.27)	15 (381)	0.40 (10.2)	2.0 (50)	200	32 (14.5)	RED
SGFW4505	#1 (6/1)	#1 (7str)	#1 (7str)	#1 (6/1) 1/0 (7str) 1/0 (19str)	0.326 (8.28)	0.360 (9.15)	17 (432)	0.40 (10.2)	2.0 (50)	200	28 (12.7)	GREEN
SGFW4506 **	1/0 (6/1)	1/0 (7str)	1/0 (7str)	1/0 (7str)	0.361 (9.16)	0.400 (10.17)	19 (483)	0.40 (10.2)	2.0 (50)	100	29 (13.2)	YELLOW
SGFW4507 **	2/0 (6/1)	2/0 (7str)	2/0 (7str)	2/0 (7str)	0.401 (10.18)	0.450 (11.44)	21 (533)	0.40 (10.2)	2.0 (50)	100	34 (15.5)	BLUE
SGFW4508	3/0 (6/1)	3/0 (7str)	3/0 (7str)	3/0 (6/1) 4/0 (7str) 4/0 (19str)	0.451 (11.45)	0.511 (12.97)	12 (585)	0.40 (10.2)	2.0 (50)	100	31 (14.1)	ORANGE
SGFW4509 **	4/0 (6/1)	4/0 (7str)	4/0 (7str)	4/0 (6/1)	0.511 (12.97)	0.580 (14.74)	26 (660)	0.40 (10.2)	2.0 (50)	100	41 (18.6)	RED

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

** RUS Technically Accepted.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS FORMED WIRE DISTRIBUTION GRIP

ALUMINUM COATED STEEL
DGFW

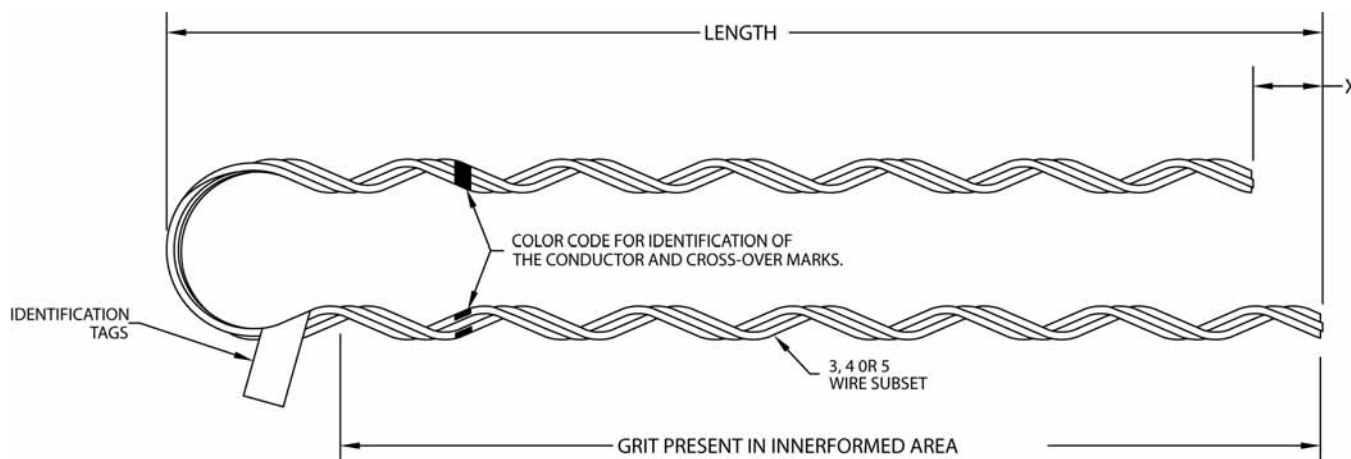
DA
11

For deadending bare or plastic jacketed conductor on primaries, secondaries, and substation feeder applications.

Fargo DGFW series formed wire deadends are designed for use with ACSR, AAC, AAAC, Compacted ACSR, & AWAC®.

DGFW deadends are partial tension devices.

Note: Consult factory for information on other applications.
Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE					DIAMETER RANGE		PACKAGING PER BOX		LENGTH	COLOR
	ACSR	AAC	AAAC	COMP ACSR	AWAC®	MIN	MAX	UNITS	WT LBS (KG)		
DGFW4554	#6 (6/1)	#6, 7W	#6, 7W	#6 (6/1)		0.182 (4.62)	0.203 (5.15)	100	13.4 (6.1)	16 (406)	BLUE
DGFW4541	#4 (6/1), #4 (7/1)	#4, 7W	#4, 7W	#4 (6/1)	#4 (6/1)	0.229 (5.81)	0.257 (6.53)	100	17.9 (8.1)	16.9 (430)	ORANGE
DGFW4542	#2 (6/1), #2 (7/1)	#2, 7W	#2, 7W	#2 (6/1)	#2 (6/1), #3 (5/2)	0.290 (7.36)	0.325 (8.27)	100	30.6 (13.9)	24 (610)	RED
DGFW4544	1/0 (6/1)	1/0, 7W	1/0, 7W	1/0 (6/1)	1/0 (6/1), #1 (5/2)	0.365 (9.27)	0.409 (10.40)	50	27.2 (12.4)	26.4 (671)	YELLOW
DGFW4545	2/0 (6/1)	2/0, 7W	2/0, 7W	2/0 (6/1)	2/0 (6/1), 1/0 (5/2)	0.410 (10.41)	0.460 (11.69)	50	29.2 (13.3)	27.9 (710)	BLUE
DGFW4546	3/0 (6/1)	3/0, 7W	3/0, 7W	2/0 (6/1)	3/0 (6/1), 2/0 (5/2)	0.461 (11.70)	0.516 (13.12)	25	21.0 (9.5)	32.5 (825)	ORANGE
DGFW4547	4/0 (6/1)	4/0, 7W	4/0, 7W	2/0 (6/1)	4/0 (6/1), 3/0 (5/2)	0.517 (13.13)	0.577 (14.67)	25	60.0 (27.3)	34.0 (865)	RED
DGFW4549	300 (26/7), 300 (30/7), 336.4 (18/1), 336.4 (36/1), 336.4 (26/7), 397.5 (36/1)	336.4 19 W, 336.4 37W, 350 19W, 350 37W, 397.5 19W, 397.5 37W, 400 19W, 400 37W	336.4, 7W	397.5 (18/1)	336.4 (18/1)	0.654 (16.61)	0.739 (18.77)	25	52.7 (24.0)	38.6 (980)	GREEN

Notes: All dimensions: inches (mm) unless otherwise noted.
Dimension "X" equals 1.0" (25.4mm) in all cases.
Neck (open helix loop) diameter equals 2" (50mm) in all cases.
AWAC is a registered trademark of Copperweld Co.

DA-11

DISTRIBUTION CONNECTORS



DGFW: RATED HOLDING STRENGTH

Holding capacity in percent of conductor ultimate strength shown in parentheses.

ALUMINUM COATED STEEL

DGFW

CATALOG PAGE	SIZE	ACSR	AAC	AAAC	COMP ACSR	AWAC®
DGFW4554	#6	#4 (6/1), 1,647 lbs (90%) #4 (7/1) (100%)	#4 (7W) (100%)	#4 (7W) (100%)	#4 (6/1) Consult Factory	
DGFW4541	#4	#4 (6/1), 1,647 lbs (90%) #4 (7/1) (100%)	#4 (7W) (100%)	#4 (7W) (100%)	#4 (6/1) Consult Factory	#4 (6/1) Consult Factory
DGFW4542	#2	#4 (6/1), (100%) #4 (7/1) 3,350 lbs (95%)	#2 (7W) (100%)	#2 (7W) (100%)	#2 (6/1) Consult Factory	#2 (6/1) Consult Factory
	#3					#3 (5/2) Consult Factory
DGFW4544	1/0	1/0 (6/1) 4,066 lbs (95%)	1/0 (7W) (100%)	1/0 (7W) Consult Factory	1/0 (6/1) Consult Factory	1/0 (6/1) Consult Factory
	#1					#1 (5/2) Consult Factory
DGFW4545	2/0	2/0 (6/1) 4,543 lbs (85%)	2/0 (7W) (100%)	2/0 (7W) Consult Factory	2/0 (6/1) Consult Factory	2/0 (6/1) Consult Factory
	1/0					#1 (5/2) Consult Factory
DGFW4546	3/0	2/0 (6/1) 5,673 lbs (85%)	3/0 (7W) (100%)	3/0 (7W) Consult Factory	3/0 (6/1) Consult Factory	3/0 (6/1) Consult Factory
	2/0					2/0 (5/2) Consult Factory
DGFW4547	4/0	4/0 (6/1)	4/0 (7W)	4/0 (7W) (100%)	3/0 (6/1) Consult Factory	4/0 (6/1) Consult Factory
	3/0					3/0 (5/2) Consult Factory
DGFW4549	300MCM					
	336.4 MCM	336.4 (18/1) (100%)				
	350 MCM					
	397.5 MCM					
	400 MCM					

AWAC is a registered trademark of Copperweld Co.



DISTRIBUTION CONNECTORS

SECTION DA

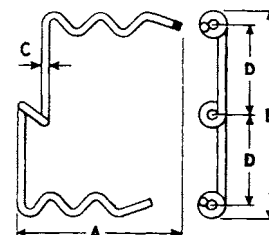
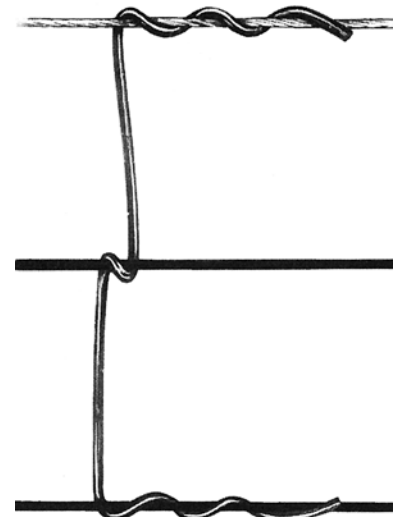
FORMED WIRE COMPOSITE SPACER TIE

Designed to maintain the between conductor spacing on long spans, compensate for lines where sag has been lost, and hold conductors apart protecting them from flashovers due to contacts caused by wind or ice where the conductor covering is worn or loose. The one piece factory formed design provides ease of installation and neat appearance with a firm positive grip on the conductor.

- Rigid black poly-vinyl chloride is completely non-conductive.
- Non-conductive to provide a safely installed, track-resistant spacer.
- Dielectric strength of 100 volts/mil assures long life as a spacer on all secondary construction.
- Tensile strength of 5800 psi to provide positive mechanical spacing under all but the most extreme conditions.
- No tools required for installation.
- The one piece, light weight design provides for easy handling by construction and repair crews.

Material: Rigid PVC

COMPOSITE TIE
GS900



CATALOG NUMBER	DECIMAL RANGE INCHES (MM)	CONDUCTOR SPACING INCHES (MM)	COLOR CODE	APPROX. DIMENSIONS INCHES (MM)				WT LB (KG)
				A	B	C	D	
GS921	.162 - .398 (3.21 - 10.13)	6" (152.70)	White	8 1/2 (216.33)	12 3/4 (324.49)	3/8 (9.54)	6" (152.70)	.20 (.09)
GS922	.257 - .523 (6.54 - 13.31)	6" (152.70)	Black	8 1/2 (216.33)	12 7/8 (327.80)	3/8 (9.54)	6" (152.70)	.22 (.10)
GS923	.414 - .644 (10.54 - 16.39)	6" (152.70)	Red	8 1/2 (216.33)	13 (330.85)	3/8 (9.54)	6" (152.70)	.24 (.11)
GS931	.162 - .398 (3.21 - 10.13)	8" (203.60)	White	8 1/2 (216.33)	16 3/4 (426.29)	3/8 (9.54)	8" (203.60)	.23 (.10)
GS932	.257 - .523 (6.54 - 13.31)	8" (203.60)	Black	8 1/2 (216.33)	16 7/8 (429.60)	3/8 (9.54)	8" (203.60)	.23 (.10)
GS933	.414 - .644 (10.54 - 16.39)	8" (203.60)	Red	8 1/2 (216.33)	17 (432.65)	3/8 (9.54)	8" (203.60)	.26 (.12)
GS934	.522 - .770 (13.28 - 19.60)	8" (203.60)	Green	9 (229.05)	17 1/4 (439.01)	1/2 (12.73)	8" (203.60)	.28 (.13)
GS935	.724 - 1.030 (18.43 - 26.21)	8" (203.60)	Yellow	9 (229.05)	17 1/2 (445.38)	1/2 (12.73)	8" (203.60)	.28 (.13)
GS936	.997 - 12.75 (25.37 - 32.45)	8" (203.60)	Orange	9 (229.05)	17 3/4 (451.74)	1/2 (12.73)	8" (203.60)	.28 (.13)
GS951	.162 - .398 (3.21 - 10.13)	12" (305.40)	White	8 1/2 (216.33)	24 3/4 (629.89)	3/8 (9.54)	12" (305.40)	.30 (.14)
GS952	.257 - .523 (6.54 - 13.31)	12" (305.40)	Black	8 1/2 (216.33)	24 7/8 (533.20)	3/8 (9.54)	12" (305.40)	.30 (.14)
GS953	.414 - .644 (10.54 - 16.39)	12" (305.40)	Red	8 1/2 (216.33)	25 (636.25)	3/8 (9.54)	12" (305.40)	.30 (.14)

DA
13



FORMED WIRE COMPOSITE SIDE TIE

DA
14

COMPOSITE TIE

GJ600/700



Figure 2



Figure 1

- For attachment of covered connections to pin or spool type.
- Semi-conductive tie surface provides uniform electric field around attachment point, elimination voltage concentrations, preventing TV/Radio interference.
- Long tie design provides vibration dampening effect.

Material: Non-conductive rigid PVC cone
Semi-conductive composite covering

CATALOG NUMBER	DIMENSIONS INCHES (MM)		COLOR CODE	WT LB (KG)	FIG.
	INSULATOR THROAT DIAMETER	CABLE RANGE O.D. INCHES			
GJ651FC	"C" Neck 2 1/8 - 2 3/4 (54.08 - 69.99)	.250 - .406 (6.36 - 10.33)	White	.28 (.13)	1
GJ652FC		.407 - .561 (10.36 - 14.28)	Green	.28 (.13)	1
GJ653FC		.562 - .717 (14.30 - 18.25)	Blue	.30 (.14)	1
GJ654FC		.718 - .919 (18.27 - 23.39)	Orange	.32 (.15)	1
GJ655FC		.920 - 1.125 (23.41 - 28.63)	Red	.34 (.16)	1
GJ662FC		.407 - .561 (10.36 - 14.28)	Green	.29 (.13)	1
GJ663FC	"F" Neck 2 3/4 - 3 3/8 (69.99 - 85.89)	.562 - .717 (14.30 - 18.25)	Blue	.32 (.15)	1
GJ664FC		.718 - .919 (18.27 - 23.39)	Orange	.34 (.16)	1
GJ665FC		.920 - 1.125 (23.41 - 28.63)	Red	.39 (.18)	1
GJ666FC		1.26 - 1.500 (28.66 - 38.18)	Black	.39 (.18)	1
GJ672FC	"J" Neck 3 3/8 - 4 (85.89 - 101.80)	.407 - .561 (10.36 - 14.28)	Green	.30 (.14)	1
GJ682FC	4 - 4 5/8 (101.80 - 117.71)	.407 - .561 (10.36 - 14.28)	Green	.34 (.16)	1
GJ683FC		.552 - .717 (14.30 - 18.25)	Blue	.36 (.16)	1
GJ684FC		.718 - .919 (18.27 - 23.39)	Orange	.39 (.18)	1
GJ685FC		.920 - 1.125 (23.41 - 28.63)	Red	.36 (.16)	1
GJ686FC		1.26 - 1.500 (28.66 - 38.18)	Black	.43 (.20)	1

CATALOG NUMBER	DIMENSIONS INCHES (MM)		COLOR CODE	WT LB (KG)	FIG.
	INSULATOR THROAT DIAMETER	CABLE RANGE O.D. INCHES			
GJ751FC	"C" Neck 2 1/8 - 2 3/4	.250 - .406 (6.36 - 10.33)	White	.28 (.13)	2
GJ753FC		.562 - .717 (14.30 - 18.25)	Blue	.28 (.13)	2
GJ754FC		.718 - .919 (18.27 - 23.39)	Orange	.30 (.14)	2
GJ762FC		.407 - .561 (10.36 - 14.28)	Green	.32 (.15)	2
GJ763FC		.562 - .717 (14.30 - 18.25)	Blue	.34 (.16)	2
GJ764FC		.718 - .919 (18.27 - 23.39)	Orange	.29 (.13)	2
GJ765FC		.920 - 1.125 (23.41 - 28.63)	Red	.32 (.15)	2
GJ766FC		1.26 - 1.500 (28.66 - 38.18)	Black	.34 (.16)	2
GJ784FC		.718 - .919 (18.27 - 23.39)	Orange	.39 (.18)	2
GJ785FC		.920 - 1.125 (23.41 - 28.63)	Red	.39 (.18)	2

Overall length - 25 Inches



DISTRIBUTION CONNECTORS

SECTION DA

FORMED WIRE COMPOSITE TOP TIE

Designed for uniform, resistive conductive attachment of covered conductors to pin or spool type insulators.

- Factory formed from composite rod with a resistive conductive outer layer over a rigid PVC core, the installed ties prevent generation of radio and television interference.
- Uniform holding power is provided at each attachment.
- Ties are designed for installation directly on covered conductors eliminating the need for skinning.
- Long bearing area on conductor provides a vibration dampening effect.

Material: Non-conductive rigid PVC cone
Semi-conductive composite cover

COMPOSITE TIE

GJ600

DA
15



CATALOG NUMBER	DIMENSIONS INCHES (MM)		COLOR CODE	WT LB (KG)
	INSULATOR THROAT DIAMETER	CABLE RANGE O.D. INCHES		
GJ601FC	"C" Neck 2 1/8 - 2 3/4 (54.08 - 69.99)	.250 - .406 (6.36 - 10.33)	White	.31 (.14)
GJ602FC		.407 - .561 (10.36 - 14.28)	Green	.32 (.15)
GJ603FC		.562 - .717 (14.30 - 18.25)	Blue	.33 (.15)
GJ604FC		.718 - .919 (18.27 - 23.39)	Orange	.38 (.17)
GJ605FC		.920 - 1.125 (23.41 - 28.63)	Red	.40 (.18)
GJ611FC		.250 - .406 (6.36 - 10.33)	White	.33 (.15)
GJ612FC	"F" Neck 2 3/4 - 3 3/8 (69.99 - 85.89)	.407 - .561 (10.36 - 14.28)	Green	.37 (.17)
GJ613FC		.562 - .717 (14.30 - 18.25)	Blue	.37 (.17)
GJ614FC		.718 - .919 (18.27 - 23.39)	Orange	.37 (.17)
GJ615FC		.920 - 1.125 (23.41 - 28.63)	Red	.46 (.21)
GJ616FC		1.26 - 1.500 (28.66 - 38.18)	Black	.48 (.22)

CATALOG NUMBER	DIMENSIONS INCHES (MM)		COLOR CODE	WT LB (KG)
	INSULATOR THROAT DIAMETER	CABLE RANGE O.D. INCHES		
GJ621FC	"J" Neck 3 3/8 - 4 (85.89 - 101.80)	.250 - .406 (6.36 - 10.33)	White	.32 (.15)
GJ623FC		.562 - .717 (14.30 - 18.25)	Blue	.33 (.14)
GJ624FC		.718 - .919 (18.27 - 23.39)	Orange	.38 (.17)
GJ625FC		.920 - 1.125 (23.41 - 28.63)	Red	.40 (.18)
GJ632FC		.407 - .561 (10.36 - 14.28)	Green	.33 (.15)
GJ633FC	4 - 4 5/8 (101.80 - 117.71)	.562 - .717 (14.30 - 18.25)	Blue	.38 (.17)
GJ634FC		.718 - .919 (18.27 - 23.39)	Orange	.44 (.20)
GJ635FC		.920 - 1.125 (23.41 - 28.63)	Red	.48 (.22)
GJ636FC		1.26 - 1.500 (28.66 - 38.18)	Black	.56 (.25)

Overall length - 26 inches

Note: Yellow color coded end identifies composite ties.

DISTRIBUTION CONNECTORS

FORMED WIRE
COMPOSITE DOUBLE PIN TIEDA
16

COMPOSITE TIE

GJ800/810



- Designed for use at intersections or slight angles where space or double arm construction does not permit use of the straight tie.
- Secures the conductor in position to the insulator for through or continuous run applications.
- Recommended for use with non-radio-free insulators for all system voltages, particularly above 5kV.
- Semi-conductive surface provides uniform electric field around attachment point, eliminating voltage concentrations and preventing TV/Radio interference.
- Long tie design provides a vibration dampening effect.

Material: Non-conductive rigid PVC cone
Semi-conductive composite cover

CATALOG NUMBER	INSULATOR THROAT DIA. INCHES	CABLE RANGE O.D. INCHES	OVERALL LENGTH INCHES	COLOR CODE	WT LB (KG)
GJ801FC	"C" Neck 2 1/8 - 2 3/4 (54.08 - 69.99)	.250 - .406 (6.36 - 10.33)	13 (330.85)	White	.31 (.14)
GJ802FC		.407 - .561 (10.36 - 14.28)		Green	.33 (.15)
GJ804FC		.718 - .919 (18.27 - 23.39)		Orange	.37 (.17)
GJ811FC	"F" Neck 2 3/4 - 3 3/8 (69.99 - 85.89)	.250 - .406 (6.36 - 10.33)	13 1/4 (337.21)	White	.34 (.15)
GJ812FC		.407 - .561 (10.36 - 14.28)		Green	.35 (.16)
GJ813FC		.562 - .717 (14.30 - 18.25)		Blue	.36 (.16)
GJ814FC		.718 - .919 (18.27 - 23.39)		Orange	.40 (.18)
GJ815FC		.920 - 1.125 (23.41 - 28.63)		Red	.43 (.20)
GJ816FC		1.26 - 1.500 (28.66 - 38.18)		Black	.50 (.23)

Note: Yellow color coded end identifies Composite Ties



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED GUY WIRE

GUY CLAMP

Parallel grooves trap guy strand tightly without mar-ring. Plate halves align evenly for easy application. Each has a shoulder to prevent turning while tightening. Hot dip galvanized

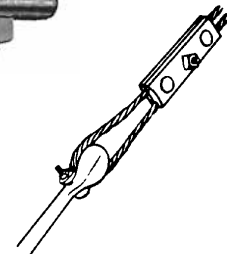
Material: Body–Hot Dip Galvanized Steel
Hardware– Galvanized Steel



No. 6461

STEEL
6400

DA
17

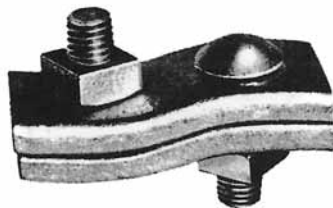


5/8" Clamp Bolts

CATALOG NUMBER	DIMENSIONS INCHES				SHIP WT LBS PER 100 PCS
	NO. OF BOLTS	LENGTH	WIDTH	ACCEPTS STRAND SIZE	
6460	3	6	2 1/8	3/8 thru 5/8	390
*6461**	3	6	1 21/32	5/16 thru 1/2	252
6462	2	4	1 21/32	5/16 thru 1/2	178

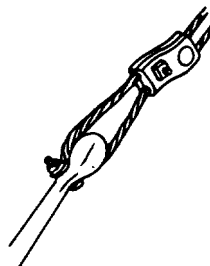
1/2" Clamp Bolts

CATALOG NUMBER	DIMENSIONS INCHES				SHIP WT LBS PER 100 PCS
	NO. OF BOLTS	LENGTH	WIDTH	ACCEPTS STRAND SIZE	
6448	2	3 3/8	1 9/16	1/4 thru 7/16	132
6449	3	4	1 9/16	1/4 thru 7/16	162
*6450**	3	6	1 9/16	1/4 thru 7/16	228



No. 6409

GUY OFFSET CLAMP:



This two-bolt guy clamp with curved clamping member provides a more positive hold on the guy strand. Available with 1/2" or 5/8" bolts. Hot dip galvanized.

Material: Body– Hot dipped galvanized steel
Hardware– Galvanized steel

CATALOG NUMBER	DIMENSIONS INCHES				SHIP WT LBS PER 100 PCS
	BOLT SIZE	LENGTH	WIDTH	ACCEPTS STRAND SIZE	
6409**	1/2	3 1/4	1 1/2	3/16 thru 5/16	135
6410**	5/8	4	1 5/8	5/16 thru 1/2	172

**RUS Listed

DA-17



ALUMINUM

ASOD

DEADENDS
BOLTED
STRAIGHT-LINE SPRING-LOADED—SIDE OPENING
ALUMINUM

For distribution and light transmission construction with AAC, AAAC and ACSR conductors. The vertical spring-loaded keeper provides the easiest installation of any current bolted strain clamp.

Material: Body and Keeper — 356-T6 aluminum alloy
Hardware — galvanized steel
Sockets and Clevises — ductile iron, galvanized
Spring and Cotter Pin — stainless steel

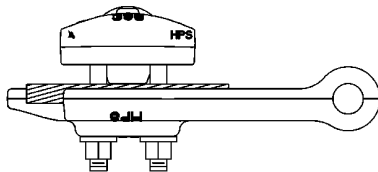
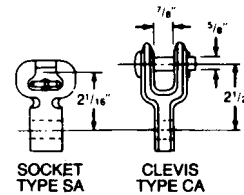
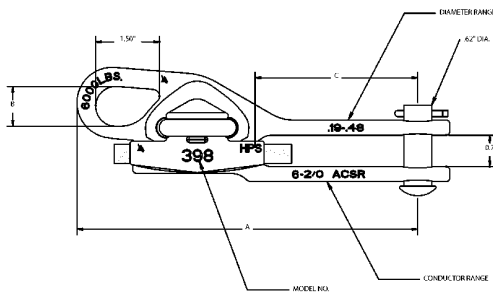


Fig. 1

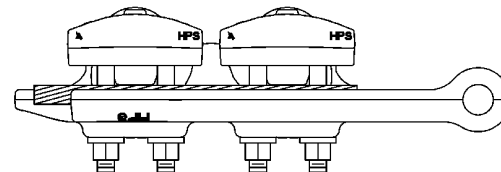


Fig. 2

CAT. NO.	U-BOLTS		CLAMPING RANGE						ULT. STR. (LBS)		DIMENSIONS IN INCHES		
	NO.	SIZE	ACSR		ALUMINUM		INCHES		BODY	SAG EYE	A	B	C
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.					
ASOD3981N	1	3/8	#6 (6/1)	2/0 (6/1)	#4 (7)	2/0 (19)	0.19	0.48	6000	6000	8.00	1.00	3.62
ASOD5701N	1	1/2	#6 (6/1)	4/0 (6/1)	#4 (7)	4/0 (19)	0.19	0.57	8000	8000	8.62	1.00	3.75
ASOD6841N	1	1/2	#4 (6/1)	336.4 (18/1)	#4 (7)	350 (37)	0.25	0.69	8000	8000	9.00	1.00	4.50
ASOD8581N	1	1/2	#4 (6/1)	556.5 (18/1)	#2 (7)	556.5 (37)	0.25	0.89	8000	6000	9.75	1.00	4.75
ASOD8582N	2	1/2	3/0 (6/1)	556.5 (18/1)	4/0 (7)	556.5 (37)	0.50	0.89	12000	9000	13.50	1.00	6.00
ASOD11602N	2	1/2	336.4 (18/1)	900 (54/7)	397.5 (19)	954 (61)	0.69	1.16	12000	9000	16.75	1.50	7.75

NOTE: (1) Recommended torque on U-bolts: 3/8"—25 lb.-ft., 1/2"—45 lb.-ft.
(2) Add Suffix "C" for Clevis Fitting (Type CA)
(3) Add Suffix "S" for Socket Eye Fitting (Type SA)



DISTRIBUTION CONNECTORS

SECTION DA

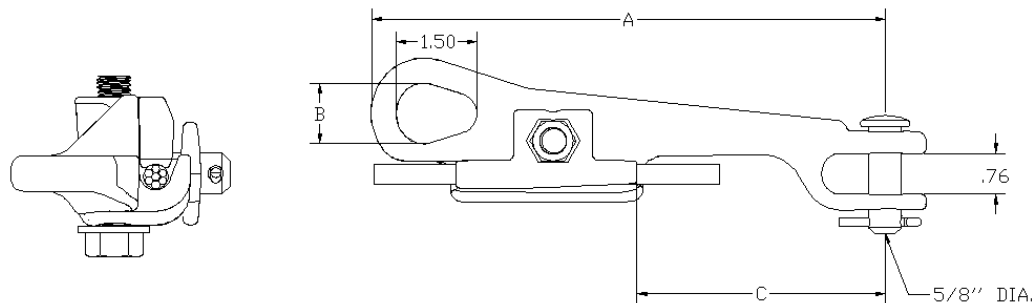
DEADENDS SINGLE BOLT STRAIGHT-LINE SPRING-LOADED – SIDE-OPENING ALUMINUM

For distribution construction using AAC, AAAC and ACSR conductors. The spring-loaded design holds the keeper out of the way for easier conductor installation. The heavy-duty single $\frac{1}{2}$ " bolt allows installation by hand or hydraulic.

Material: Body and Keeper – 356 T6 Aluminum
Hardware – Galvanized Steel
Spring and Cotter – Stainless Steel

ALUMINUM
ADSB

DA
19



CAT NO.	BOLT		CLAMPING RANGE						ULT STR (LBS)		DIMENSIONS IN INCHES		
	NO	SIZE	ACSR		ALUMINUM		INCHES		BODY	SAG EYE	A	B	C
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.					
ADSB48N	1	1/2	#6 (6/1)	2/0 (6/1)	#4 (7 STR)	2/0 (19 STR)	0.19	0.48	6,000	6,000	9.6	1.13	4.63

NOTE: (1) Recommended Torque on Bolt: 45 lb-ft (540 lb-in)
(2) For optional stainless steel lifting eye, add "E" to catalog number
Example: ADSB48EN



ALUMINUM

ADEZ / ADSO

DEADENDS BOLTED STRAIGHT LINE SPRING-LOADED—SIDE-OPENING ALUMINUM

For distribution and light transmission construction with all aluminum, ACSR or aluminum alloy conductor. The spring loaded keeper permits easy conductor insertion and lower installation cost.

Captive nuts prevent disassembly and loss of hardware during installation on energized or de-energized lines.

The pivotal keeper design avoids friction between body and keeper during installation.

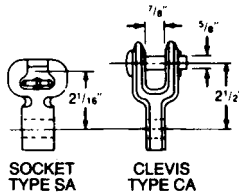
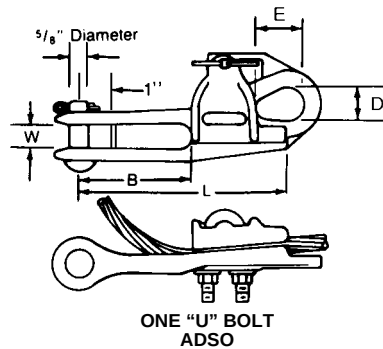
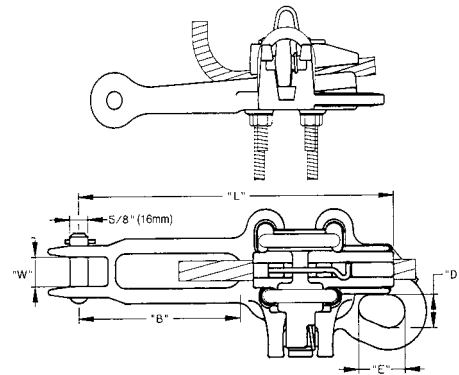
Material: Body and Keeper—356-T6 aluminum alloy
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Spring & Cotter Pin—#302 stainless steel



ADSO



ADEZ

SOCKET
TYPE SACLEVIS
TYPE CAONE "U" BOLT
ADSOTWO "U" BOLTS
ADEZ

CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS INCHES (MM)					APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	ACSR	ALUMINUM	INCHES (MM)		NO.	SIZE INCHES (MM)	L	B	W	D	E	
ADSO46N ADSO46S ADSO46C	None Socket Clevis	- SA04 CA04	#6 (6/1) To 2/0 (6/1)	#4 To 3/0	.18-.46 (4.57-11.68)	6,000 (2,722)	1	3/8 (9.53)	6-5/8 (168.4)	3-5/8 (92.2)	3/4 (19.05)	1 25.4	1-1/2 38.1	1.2 (.54) 2.4 (1.09) 2.8 (1.27)
ADEZ47N ADEZ47S ADEZ47C	None Socket Clevis	- SA04 CA04	#6 (6/1) To 2/0 (6/1)	#4 (7) To 3/0 (9)	.18-.47 (4.57-11.98)	7,000 (3,175)	2	3/8 (9.53)	6-5/8 (168.4)	3-5/8 (92.2)	3/4 (19.05)	1 25.4	1-1/2 38.1	1.3 (.59) 2.5 (1.13) 2.9 (1.31)
ADEZ57N ADEZ57S ADEZ57C	None Socket Clevis	- SA04 CA04	#4 (6/1) To 4/0 (6/1)	#4 (7) To 4/0 (19)	.23-.57 (5.84-14.48)	8,000 (3,629)	2	3/8 (9.53)	7-7/8 (123.8)	4-1/8 (104.8)	3/4 (19.05)	1 25.4	1-1/2 38.1	1.5 (.68) 1.7 (.77) 2.1 (.95)
ADEZ88N ADEZ88S ADEZ88C	None Socket Clevis	- SA06 CA06	2/0 (6/1) To 556 (18/1)	3/0 (7) To 556 (37)	.44-.88 (11.18-22.25)	10,000 (4,536)	2	1/2 (12.70)	9-5/16 (236.54)	4-23/32 (119.83)	15/16 (23.81)	1-1/8 25.58	1-5/8 41.28	3.0 (1.36) 4.3 (1.95) 4.7 (2.13)
ADEZ116N ADEZ116S ADEZ116C	None Socket Clevis	- SA06 CA06	336.4 (18/1) To 954 (36/1)	350 (37) To 1000 (61)	.68-1.16 (17.27-29.46)	12,000 (5,443)	2	1/2 (12.70)	10-13/16 (274.63)	5-5/8 (142.90)	1 (25.40)	1-5/8 41.28	1-5/8 41.28	3.7 (1.66) 5.0 (2.27) 5.4 (2.45)

NOTES: (1) Recommended torque on bolts; 3/8"—240 in. lbs., 1/2"—480 in. lbs.

(2) For optional stainless steel lifting eye add "E" to catalog number.

Example: ADSO46EN



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED STRAIGHT LINE DEADEND STRAIN CLAMP SWING AWAY ALUMINUM

ALUMINUM
GD900

DA
21

For distribution and light transmission construction. The angle beam pressure pad effectively converts torque to maximum pressure and spreads this force over the total contact area.

The compressive forces are combined with the modified parabolic “V” groove of the body to provide maximum conductor encirclement and increased holding ability.

The large pulling eye makes it convenient to connect and disconnect the “come-along” hook.

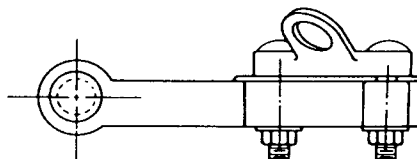
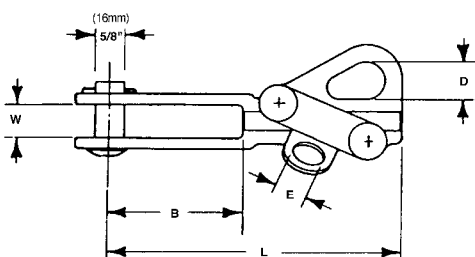
SWING AWAY DESIGN

The pressure pad is easily lifted and swung clear of the cable groove permitting convenient top loading of the conductor without disassembly.

Material: Body and Keeper—356-T6 aluminum alloy

Hardware—galvanized steel

Cotter Pin—#302 stainless steel



CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KN)	BOLT SIZE INCHES (MM)	DIMENSIONS APPROXIMATE INCHES (MM)					APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	ACSR	ALUMINUM	INCHES (MM)			L	B	W	D	E	
GD961A**	None Socket Clevis	— SA04 CA04	#6 (6/1) to 2/0 (6/1)	#6 (7) to 3/0 (7)	.18-.47 (4.57-11.94)	7,000 (31.1)	3/8 (9.53)	6 5/8	3	3/4	7/8	—	1.1 (0.5)
GD963A	None Socket Clevis	— SA04 CA04	#4 (6/1) to 397.5 (30/7)	#4 (7) to 477 (37)	.25-.81 (6.35-20.57)	10,000 (44.5)	1/2 (12.70)	10	5	3/4	1	7/8	2.0 (0.9)
GD965A	None Socket Clevis	— SA04 CA04	3/0 (6/1) to 556.5 (18/1)	4/0 (7) to 556.5 (37)	.50-.88 (12.7-22.35)	10,000 (44.5)	1/2 (12.70)	10 1/8	5 1/4	3/4	1	7/8	3.3 (1.5)
GD967A	None Socket Clevis	— SA10 CA101	300 (26/7) to 954 (36/1)	336.4 (19) to 954 (61)	.68-1.15 (17.27-29.21)	10,000 (44.5)	1/2 (12.70)	16 1/2	10	1 1/4	1 1/8	7/8	3.8 (1.7)

NOTES: (1) Recommended torque on bolts; 3/8"—240 in.-lbs., 1/2"—480 in.-lbs.

(2) To obtain spring loaded pressure pad, add “S” to catalog number

Example GD961AS

** RUS Listed



ALUMINUM

ADS

DEADENDS BOLTED STRAIGHT LINE STRAIN CLAMP ALUMINUM

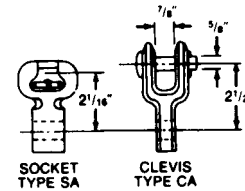
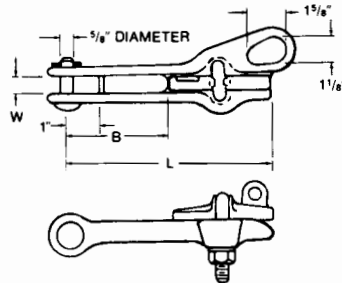
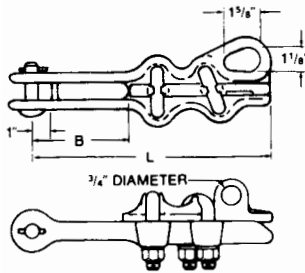
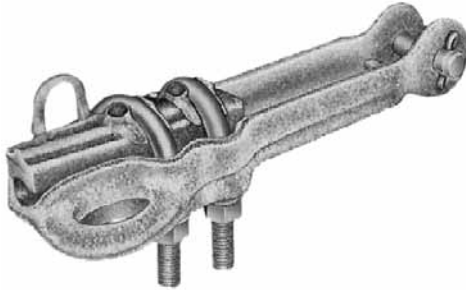
For distribution and light transmission construction with all aluminum, ACSR or aluminum alloy conductor. These clamps have high holding power and large range taking ability. (Straight Contoured Groove)

Material: Body and Keeper—356-T6 aluminum alloy

Hardware—galvanized steel

Sockets and Clevises—ductile iron, galvanized

Cotter Pin—#302 stainless steel



CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	ACSR	ALUMINUM	INCHES (MM)		NO.	SIZE INCHES (MM)	L	B	W	
ADS47N ADS47S ADS47C	None Socket Clevis	- SA04 CA04	#6 (6/1) To 2/0 (6/1)	#6-7 Str. To 3/0-19 Str.	.18-.47 (4.57-11.94)	7,000 (3,175)	1	1/2 (12.70)	5-3/8 (136.52)	2-1/8 (53.98)	11/16 (17.46)	1.1 (.50) 2.4 (1.09) 2.7 (1.22)
*ADS47LN *ADS47LS *ADS47LC	None Socket Clevis	- SA04 CA04	#6 (6/1) To 2/0 (6/1)	#6-7 Str. To 3/0-19 Str.	.18-.47 (4.57-11.94)	7,000 (3,175)	1	1/2 (12.70)	6-3/4 (171.45)	3-1/2 (88.90)	11/16 (17.46)	1.3 (.59) 2.6 (1.15) 2.9 (1.32)
ADS48N** ADS48S ADS48C	None Socket Clevis	- SA04 CA04	#6 (6/1) To 3/0 (6/1)	#6-7 Str. To 3/0-19 Str.	.18-.502 (4.57-12.75)	7,000 (3,175)	2	3/8 (9.53)	7-5/8 (190.50)	3-7/8 (98.43)	11/16 (17.46)	1.6 (.73) 2.9 (1.32) 3.2 (1.46)
ADS60N** ADS60S ADS60C	None Socket Clevis	- SA04 CA04	#6 (6/1) To 266.8 (18/1)	#4-7 Str. To 266.8-19 Str.	.19-.60 (4.83-15.24)	8,000 (3,629)	2	1/2 (12.70)	8-1/4 (209.55)	4 (101.60)	3/4 (19.05)	2.0 (.91) 3.2 (1.45) 3.6 (1.63)
*ADS60LN *ADS60LS *ADS60LC	None Socket Clevis	- SA04 CA04	#6 (6/1) To 266.8 (18/1)	#4-7 Str. To 266.8-19 Str.	.19-.60 (4.83-15.24)	8,000 (3,629)	2	1/2 (12.70)	10-5/8 (269.88)	6 (152.40)	3/4 (19.05)	2.2 (1.00) 3.4 (1.54) 3.8 (1.72)
ADS88N ADS88S ADS88C	None Socket Clevis	- SA06 CA06	#2 (6/1) To 556.5 (18/1)	#1-7 Str. To 556.5-37 Str.	.31-.88 (7.87-22.35)	10,000 (4,536)	2	1/2 (12.70)	9 (228.60)	4-1/2 (114.30)	15/16 (23.81)	2.2 (1.00) 3.5 (1.59) 3.9 (1.77)
*ADS88LN *ADS88LS *ADS88LC	None Socket Clevis	- SA06 CA06	#2 (6/1) To 556.5 (18/1)	#1-7 Str. To 556.5-37 Str.	.31-.88 (7.87-22.35)	10,000 (4,536)	2	1/2 (12.70)	12 (304.80)	7-1/2 (190.50)	15/16 (23.81)	2.4 (1.09) 3.7 (1.68) 4.1 (1.86)
ADS116N ADS116S ADS116C	None Socket Clevis	- SA07 CA06	#2 (6/1) To 954 (36/1)	#1-7 Str. To 1000-61 Str.	.31-1.16 (7.87-29.46)	15,000 (6,804)	2	1/2 (12.70)	10-1/2 (266.70)	5-1/2 (139.70)	1 (25.40)	2.9 (1.32) 4.2 (1.91) 4.6 (2.09)
ADS130N ADS130S ADS130C	None Socket Clevis	- SA07 CA06	266.8 (26/7) To 1192.5 (45/7)	336.4 19 Str. To 1272 61 Str.	.64-1.30 (16.26-33.02)	15,000 (6,804)	2	1/2 (12.70)	10-1/2 (266.70)	5-1/2 (139.70)	1 (25.40)	3.0 (1.36) 4.3 (1.95) 4.7 (2.13)
ADS155N ADS155S ADS155C	None Socket Clevis	- SA07 CA06	336.4 (26/7) To 1590.5 (54/19)	397.5 19 Str. To 1800 127 Str.	.72-1.55 (18.3-39.9)	15,000 (6,804)	2	5/8 (15.9)	11-3/4 (298.5)	6 (152.4)	1 (25.4)	4.4 (2.0) 5.8 (2.6) 6.1 (2.8)

NOTES: (1) Recommended torque on U-bolts; 3/8"—240 in.-lbs., 1/2"—480 in.-lbs., 5/8"—720 in.-lbs.

(2) Lifting eye is standard on keeper for hot line work.

*Extra length clamps for greater insulator clearance.

** RUS Listed



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED STRAIGHT LINE STIRRUP CLAMP ALUMINUM

ALUMINUM
ADES

DA
23

For distribution construction with all aluminum, ACSR or aluminum alloy conductor. This clamp is a combination deadend and stirrup or tap clamp. The stirrup permits tapping energized conductors without arching damage to the conductor

Material and installation costs are less with the ADES combination clamp than with other equivalent methods of dead-ending and tapping a conductor.

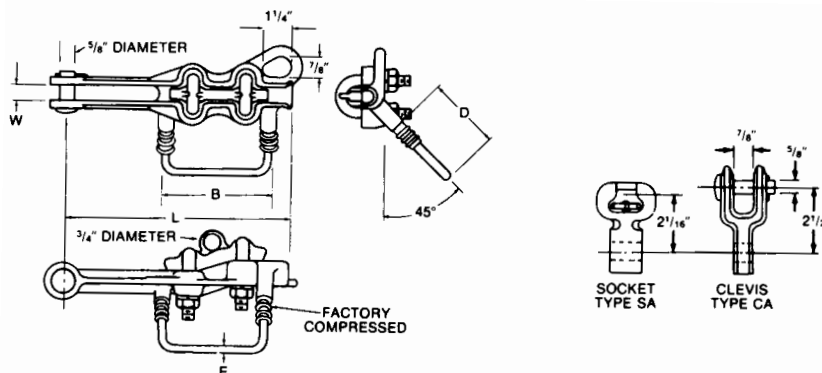
Material: Body and Keeper—356-T6 aluminum alloy

Hardware—galvanized steel

Sockets and Clevises—ductile iron, galvanized

Cotter Pin—#302 stainless steel

Stirrup—copper



CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		LOOP DIA.	DIMENSIONS INCHES (MM)					APPROX. WT. EA. LBS. (KG)
	TYPE	CAT. NO.	ACSR	ALUMINUM	INCHES (MM)		NO.	SIZE INCHES (MM)		E	L	B	W	D	
ADES46N ADES46S ADES46C	None Socket Clevis	- SA04 CA04	#6(6/1) To 2/0(6/1)	#6-7 Str. To 2/0-19 Str.	.18-.46 (4.57-11.68)	6,000 (2,722)	2	3/8 (9.53)	.289 (7.3) #1	7-1/2 (190.50)	4 (101.60)	3/4 (19.05)	2 (50.80)	1.8 (0.82) 3.0 (1.36) 3.4 (1.54)	
ADES60N ADES60S ADES60C	None Socket Clevis	- SA04 CA04	1/0(6/1) To 159(12/7)	1/0-7 Str. To 266.8-19 Str.	.36-.60 (9.14-15.24)	8,000 (3,629)	2	1/2 (12.70)	.325 (8.3) 1/0	9-5/8 (244.48)	4 (101.60)	3/4 (19.05)	3-1/16 (77.79)	2.8 (1.3) 4.0 (1.81) 4.4 (2.00)	
ADES70N ADES70S ADES70C	None Socket Clevis	- SA04 CA04	3/0(6/1) To 336.4(18/1)	3/0-7 Str. To 350-37 Str.	.46-.70 (11.68-17.78)	8,000 (3,629)	2	1/2 (12.70)	.325 (8.3) 1/0	10-3/4 (273.05)	4-31/32 (126.21)	3/4 (19.05)	2-1/8 53.98	3.0 (1.40) 4.2 (1.91) 4.7 (2.13)	

NOTES: (1) Recommended torque on U-bolts 3/8"—240 in. lbs. 1/2"—480 in. lbs.
(2) Lifting eye is standard on keeper for hot line work.



DEADENDS BOLTED QUADRANT STRAIN CLAMP ALUMINUM

DA
24

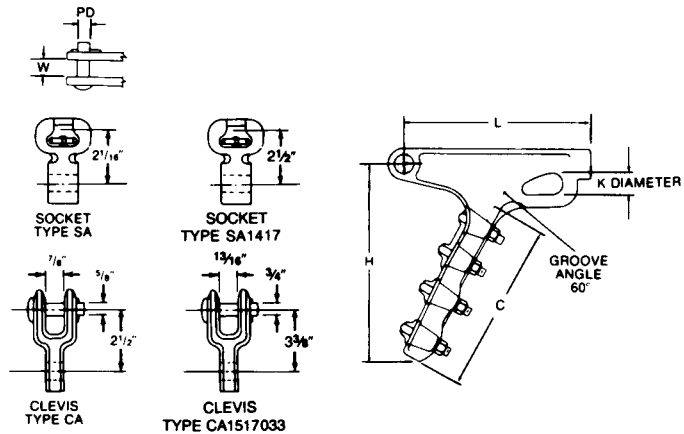
ALUMINUM
SD



For high tension transmission line construction with all aluminum, ACSR or aluminum alloy conductor.

Material: Body and Keeper—356-T6 aluminum alloy
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 stainless steel

CATALOG NUMBER	DIMENSIONS INCHES (MM)					
	L	W	H	C	K	PD
SD57	9-1/16 (230.19)	3/4 (19.05)	6-3/4 (171.45)	5-1/8 (130.18)	1-1/4 (31.75)	5/8 (15.88)
SD70	10-1/4 (260.35)	15/16 (23.81)	8-3/8 (212.73)	6-1/2 (165.10)	1-1/4 (31.75)	5/8 (15.88)
SD86	11-1/4 (285.75)	1-1/16 (26.99)	9-5/8 (244.48)	7-3/8 (187.33)	1-1/4 (31.75)	5/8 (15.88)
SD112	13-1/8 (333.38)	1-3/8 (34.93)	11-1/2 (292.1)	8-1/4 (209.6)	1-3/8 (34.33)	3/4 (19.05)
SD130	14 (355.6)	1-7/16 (36.51)	13-1/8 (333.38)	9-1/2 (241.3)	1-1/2 (38.10)	3/4 (19.05)
SD155	15-1/2 (393.70)	2 (50.8)	15-3/4 (400.05)	12-3/8 (314.32)	1-1/2 (38.10)	3/4 (19.05)
SD185	17 (431.80)	1-7/8 (47.63)	18 (457.20)	12-3/8 (314.32)	1-1/2 (38.10)	1 (25.40)



CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	ACSR	ALUMINUM	INCHES (MM)		NO.	SIZE INCHES (MM)	
SD57N SD57S SD57C	None Socket Clevis	-- SA04 CA04	#4-6/1 To 266.8-26/7	#4-7 Str. To 300-37 Str.	.20-.64 (5.08-16.26)	15,000 (6,804)	3	1/2 (12.70)	3.2 (1.45) 4.4 (2.00) 4.8 (2.63)
SD70N SD70S SD70C	None Socket Clevis	-- SA06 CA06	#2-7/1 To 397.5-18/1	#1-7 Str. To 397.5-37 Str.	.30-.75 (7.62-19.05)	20,000 (9,072)	4	1/2 (12.70)	4.7 (2.14) 6.0 (2.72) 6.4 (2.90)
SD86N SD86S SD86C	None Socket Clevis	-- SA07 CA06	#3/0-6/1 To 556-26/7	3/0-19 Str. To 650-61 Str.	.46-.94 (10.16-23.88)	25,000 (11,340)	4	1/2 (12.70)	5.4 (2.45) 6.8 (3.09) 7.1 (3.22)
SD112N SD112S SD112C	None Socket Clevis	-- SA1013 CA1013	#3/0-6/1 To 954-54/7	40-19 Str. To 1033.5-61 Str.	.50-1.20 (12.80-30.48)	30,000 (13,608) 30,000 (13,608) 25,000 (11,340)	5	1/2 (12.70)	8.4 (3.81) 9.9 (4.5) 10.4 (4.73)
SD130N SD130S SD130C	None Socket Clevis	-- SA1013 CA1013	336.4-26/7 To 1272-54/19	397.5-19 Str. To 1431-61 Str.	.70-1.39 (17.78-35.30)	35,000 (15,876) 30,000 (13,608) 25,000 (11,340)	5	5/8 (15.88)	13.2 (6.00) 15.3 (6.95) 15.5 (7.04)
SD155N SD155S SD155C	None Socket Clevis	-- SA1613 CA1613	1,033.5 (36/1) To 1510.5 (54/19)	1,100-91 Str. To 1,700-127 Str.	1.18-1.52 (29.97-38.61)	35,000 (15,876) 30,000 (13,608) 25,000 (11,340)	5	5/8 (15.88)	15.5 (7.00) 17.3 (7.85) 17.3 (7.85)
SD185N SD185S SD185C	None Socket Clevis	-- SA1417 CA1517033	1,192.5 (45/7) To 2,156 (84/19)	1,272-61 Str. To 2,500-127 Str.	1.30-1.85 (33.02-46.99)	50,000 (22,680) 30,000 (13,608) 30,000 (13,608)	5	5/8 (15.88)	21.0 (9.53) 22.7 (10.30) 22.3 (10.11)

- NOTES: (1) Recommended torque on U-bolts; 1/2"—480 in.-lbs., 5/8"—720 in.-lbs.
(2) For corona free application, add suffix "CRF." Example, SD57NCRF.
(This includes spherical or acorn type nuts or a combination of both.)
(3) Clamp may be furnished with bolt, nut and cotter pin by adding "BNK" suffix to catalog number.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED DOUBLE GROOVE ALUMINUM

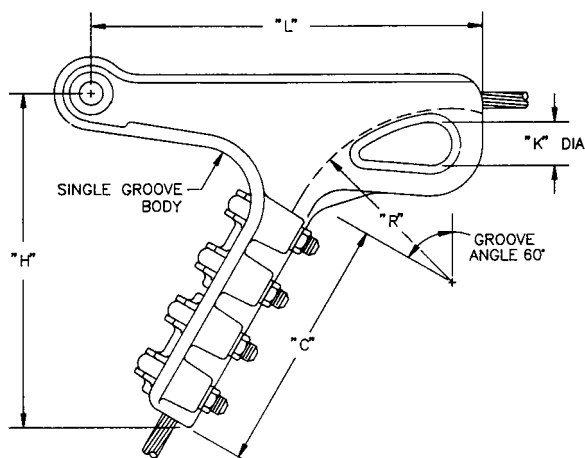
Made with double groove keeper to accommodate twin conductor. For high tension transmission line construction with all aluminum, ACSR or aluminum alloy conductor.

Material: Body and Keeper—356-T6 aluminum alloy.
Hardware—galvanized steel
Sockets and clevises—ductile iron, galvanized
Cotter Pin—stainless steel

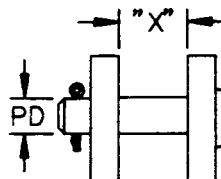
ALUMINUM

SDT2

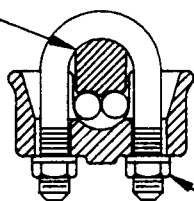
DA
25



"N" DESIGNATION



DOUBLE GROOVE
KEEPER



TIGHTEN TO RECOMMENDED
TORQUE

CATALOG NUMBER	CLAMP RANGE			ULT. BODY STR. LBS.	U-BOLTS NO.	DIMENSIONS								APPROX. WT. EACH LBS.
	ACSR	ALUMINUM	INCHES			SIZE	L	H	C	K	PD	R	X	
SDT286N SDT286S SDT286C	1/0-6/1 To 2/0-6/1	2/0-7 STR. To 2/0-19 STR	.398 To .447	25,000 25,000	4	1/2	11 1/4	9 5/8	7 3/8	1 1/4	5/8	5	1 1/16	5.4 6.0 6.4
SDT2112N SDT2112S SDT2112C	3/0-6/1 To 4/0-6/1	4/0-7 STR To 4/0-19 STR	.502 To .562	30,000 30,000 25,000	5	1/2	13 1/8	11 1/2	8 1/4	1 3/8	3/4	6 1/2	1 3/8	8.4 9.9 10.0
SDT2185N SDT2185S SDT2185C	226.8-26/7 To 556.5-18/1	336.4-19 STR To 556.5-37 STR	.642 To .879	50,000 30,000 30,000	5	5/8	17	18	12 3/8	1 1/2	1	12	1 7/8	21.0 22.7 22.3

Notes: (1) Catalog number suffixes indicate N=no fitting; s=socket; and c=clevis.
(2) Clamp may be furnished with bolt, nut and cotter pin by adding "BNK" suffix to catalog number.



**DEADENDS
BOLTED
QUADRANT STRAIN CLAMP
ALUMINUM**

For distribution and light transmission construction with all aluminum, ACSR or aluminum alloy conductor.

Material: Body and Keeper—356-T6 aluminum alloy

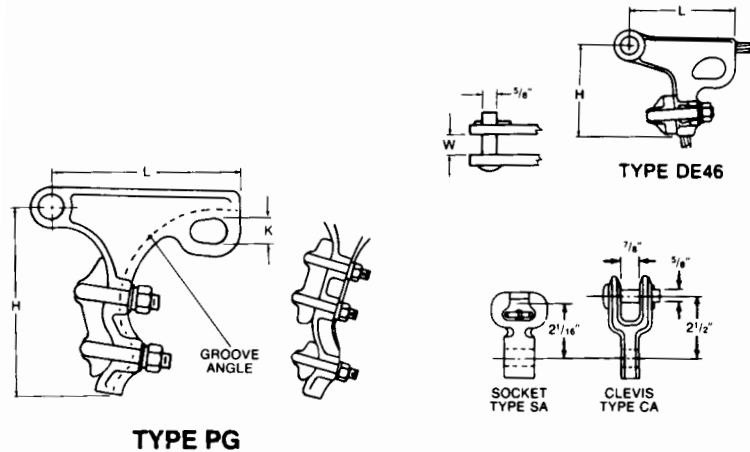
Hardware—galvanized steel

Sockets and Clevises—ductile iron, galvanized

Cotter Pin—#302 stainless steel



CATALOG NUMBER	DIMENSIONS INCHES (MM)			
	L	W	H	K
DE46	3-7/8 (98.30)	11/16 (17.46)	3-13/16 (96.84)	7/8 (22.10)
PG46	4-1/16 (103.18)	11/16 (17.46)	4-3/4 (120.65)	1 (25.40)
PG57	5-1/2 (139.7)	11/16 (17.46)	5-5/16 (134.87)	1 (25.40)
PG70	6-7/16 (163.51)	25/32 (19.84)	7 (177.80)	1-1/8 (28.58)
PG86	12-5/16 (312.74)	1-1/16 (26.99)	11 (279.40)	1-1/4 (31.75)
PG86L	6-9/16 (166.69)	1-1/16 (26.99)	7-7/16 (188.91)	1 (25.40)
PG100L	9-7/8 (250.83)	1-3/16 (30.16)	9-5/16 (236.54)	1-1/4 (31.75)



CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		GROOVE ANGLE	APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	ACSR	ALUMINUM	INCHES (MM)		NO.	SIZE INCHES (MM)		
DE46N DE46S DE46C	None Socket Clevis	-- SA04 CA04	#6 (6/1) To 3/0 (6/1)	#6 -7 Str. To 3/0-19 Str.	.18-.52 (4.57-13.21)	8,000 (3,629)	1	1/2 (12.70)	85°	1.2 (.54) 2.2 (1.00) 2.2 (1.00)
PG46N** PG46S PG46C	None Socket Clevis	-- SA04 CA04	#6 (6/1) To 3/0 (6/1)	#6 -7 Str. To 3/0-19 Str.	.18-.52 (4.57-13.21)	8,000 (3,629)	2	3/8 (9.53)	90°	1.1 (.50) 2.4 (1.08) 2.7 (1.22)
PG57N** PG57S PG57C	None Socket Clevis	-- SA04 CA04	#4 (6/1) To 4/0 (6/1)	#3-7 Str. To 4/0-19 Str.	.25-.57 (6.35-14.48)	10,000 (4,536)	2	1/2 (12.70)	90°	2.0 (.91) 3.2 (1.45) 3.6 (1.63)
PG70N PG70S PG70C	None Socket Clevis	-- SA04 CA04	101.8 (12/7) To 336.4 (26/7)	3/0-7 Str. To 400-37 Str.	.46-.73 (11.68-18.54)	15,000 (6,804)	2	1/2 (12.70)	85°	2.5 (1.13) 3.8 (1.72) 4.1 (1.86)
PG86LN PG86LS PG86LC	None Socket Clevis	-- SA07 CA06	134.6 (12/7) To 556.5 (18/1)	4/0-7 Str. To 556.5-37 Str.	.52-.88 (13.21-22.35)	15,000 (6,804)	2	1/2 (12.70)	70°	2.9 (1.32) 4.2 (1.91) 4.6 (2.09)
PG100LN PG100LS PG100LC	None Socket Clevis	-- SA10 CA101	3/0 (6/1) To 666.6 (24/7)	4/0-7 Str. To 750-61 Str.	.50-1.00 (12.70-25.40)	18,000 (8,165)	2	1/2 (12.70)	60°	4.5 (2.04) 5.9 (2.68) 6.2 (2.81)

NOTE: Recommended torque on U-bolts; 3/8"—240 in. lbs., 1/2"—480 in. lbs.

**RUS Listed



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED QUADRANT DEADEND STRAIN CLAMP ALUMINUM

These clamps are used primarily for deadending aluminum substation cable bus.

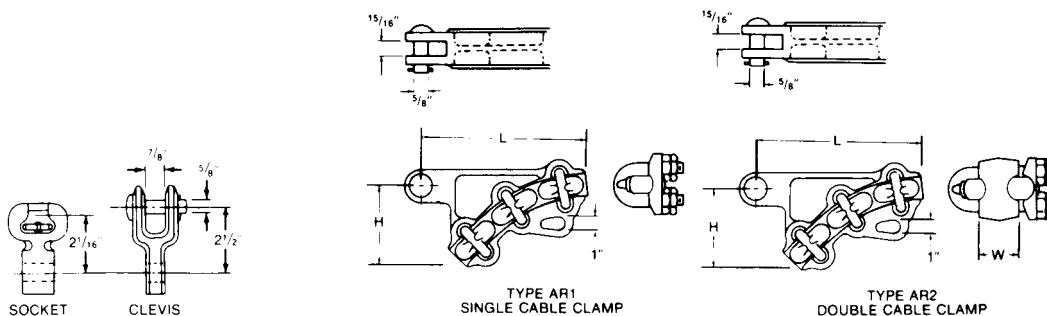
During installation the cable will slide free under the U-bolts, or if preferred, U-bolts may be removed and cable laid in clamp grooves from the side.

These clamps are compact for greatest phase clearance.

Material: Body and Keeper—356-T6 aluminum alloy
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 stainless steel

ALUMINUM
AR1/AR2

DA
27



CATALOG NUMBER	FITTING		CLAMPING RANGE			ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO	ACSR	ALUMINUM	INCHES (MM)		NO.	SIZE INCHES (MM)	L	W	H	
AR1100N AR1100S AR1100C	None Socket Clevis	-- SA06 CA06	477 (18/1) To 874.5 (54/7)	500 To 1000 MCM	.811-1.152 (20.60-29.26)	15,000 (6,804)	3	1/2 (12.70)	9-1/8 (231.78)	--	3-7/8 (98.43)	3.5 (1.59) 4.8 (2.18) 5.2 (2.36)
AR1150N AR1150S AR1150C	None Socket Clevis	-- SA06 CA06	900 (54/7) To 1351.5 (45/7)	1000 To 1500 MCM	1.150-1.412 (29.21-35.86)	15,000 (6,804)	3	5/8 (15.88)	10-1/2 (266.70)	--	4-3/8 (111.13)	5.2 (2.36) 6.5 (2.95) 6.9 (3.13)
AR1200N AR1200S AR1200C	None Socket Clevis	-- SA06 CA06	1351.5 (45/7) To 1780 (84/19)	1500 To 2000 MCM	1.411-1.632 (35.84-41.45)	15,000 (6,804)	3	5/8 (15.88)	12-3/4 (323.85)	--	5 (127)	6.0 (2.72) 7.3 (3.31) 7.7 (3.49)
AR2025N AR2025S AR2025C	None Socket Clevis	-- SA06 CA06	1/0 (6/1) To 4/0 (6/1)	1/0 To 250-19 Str.	.365-.574 (9.27-14.58)	8,000 (3,629)	3	3/8 (9.53)	8-1/16 (204.7)	21/32 (16.67)	3-5/32 (80.17)	2.7 (1.22) 4.0 (1.81) 4.4 (2.00)
AR2050N AR2050S AR2050C	None Socket Clevis	-- SA06 CA06	159 (12/7) To 477 (36/1)	250 To 500 MCM	.574-.813 (14.58-20.65)	10,000 (4,536)	3	1/2 (12.70)	8-3/4 (222.25)	7/8 (22.23)	3-1/4 (82.55)	3.5 (1.59) 4.8 (2.18) 5.2 (2.36)
AR2100N AR2100S AR2100C	None Socket Clevis	-- SA06 CA06	477 (18/1) To 874.5 (54/7)	500 To 1000 MCM	.811-1.152 (20.60-29.26)	15,000 (6,804)	3	1/2 (12.70)	9-1/8 (231.78)	1-3/16 (30.16)	3-7/8 (98.43)	4.2 (1.91) 5.5 (2.49) 5.9 (2.68)
AR2150N AR2150S AR2150C	None Socket Clevis	-- SA06 CA06	900 (54/7) To 1351.5 (45/7)	1000 To 1500 MCM	1.150-1.412 (29.21-35.86)	15,000 (6,804)	3	5/8 (15.88)	10-1/2 (266.70)	1-21/32 (42.06)	4-3/8 (111.13)	7.5 (3.40) 8.8 (3.99) 9.2 (4.17)
AR2200N AR2200S AR2200C	None Socket Clevis	-- SA06 CA06	1351.5 (54/19) To 1780 (84/19)	1500 To 2000 MCM	1.411-1.630 (35.84-41.40)	15,000 (6,804)	3	5/8 (15.88)	12-3/4 (323.85)	2-3/32 (53.18)	5 (127)	8.5 (3.86) 9.8 (4.45) 10.2 (4.63)

NOTE: Recommended torque on U-bolts; 3/8"—240 in. lbs., 1/2"—480 in. lbs., 5/8"—720 in. lbs.

DA-27



DUCTILE IRON

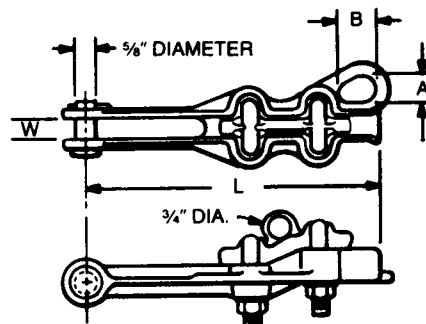
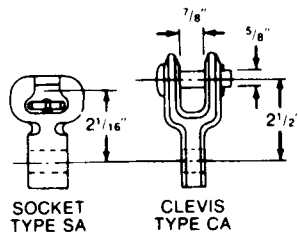
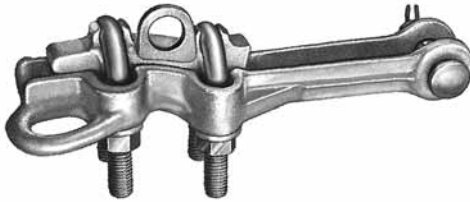
MDE

DEADENDS BOLTED STRAIGHT LINE STRAIN CLAMP FERROUS

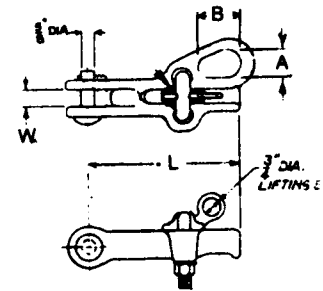
For deadending static wires.

May be used to deadend copper or Copperweld® phase conductors. Magnetic induction heating will occur.

Material: Body and Keeper—galvanized ductile iron
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 stainless steel



(TYPES MDE 46 & 60 ONLY)



TYPE MDE 40

CATALOG NUMBER	FITTING		CLAMPING RANGE INCHES (MM)	ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.			NO.	SIZE INCHES (MM)	L	W	A X B	
MDE40N MDE40S MDE40C	None Socket Clevis	— SA04 CA04	.16-.40 (4.06-10.16)	5,000 (2,268)	1	1/2 (12.70)	6-3/16 (157.16)	13/16 (20.6)	7/8 x 1-1/4 (22.2 x 31.8)	2.1 (.95) 3.4 (1.54) 3.7 (1.68)
MDE46N MDE46S MDE46C	None Socket Clevis	— SA04 CA04	.18-.46 (4.57-11.68)	6,000 (2,722)	2	3/8 (9.53)	7-1/2 (190.5)	3/4 (19.05)	7/8 x 1-1/4 (22.2 x 31.8)	2.5 (1.13) 3.8 (1.72) 4.1 (1.86)
MDE60N MDE60S MDE60C	None Socket Clevis	— SA04 CA04	.36-.60 (9.14-15.24)	8,000 (3,629)	2	1/2 (12.70)	8-15/16 (227.01)	3/4 (19.05)	7/8 x 1-1/4 (22.2 x 31.8)	3.8 (1.72) 5.0 (2.27) 5.4 (2.45)
876722000	None	—	.46-.86 (11.68-21.84)	10,000 (4,536)	2	1/2 (12.70)	9-1/4 (234.95)	3/4 (19.05)	1 x 1-7/16 (25.4 x 36.5)	3.8 (1.72)
876822000	None	—	.65-1.25 (16.51-31.75)	10,000 (4,536)	2	1/2 (12.70)	11 (279.40)	3/4 (19.05)	1 x 1-13/16 (25.4 x 36.5)	5.5 (2.49)
876922000	None	—	.86-1.55 (21.84-39.37)	10,000 (4,536)	2	3/8 (9.53)	12.5 (317.50)	3/4 (19.05)	1-1/18 x 1-1/8 (27.0 x 54.0)	7.9 (3.58)

NOTES: (1) Recommended torque on U-bolts; 3/8"—240 ins. lbs., 1/2"—480 in. lbs., 5/8"—720 in. lbs.

(2) Lifting eye is standard on MDE type clamps.

(3) 87600 series without lifting eye.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED QUADRANT STRAIN CLAMP FERROUS

For deadending static wires.

May be used to deadend copper or Copperweld® phase conductors. Magnetic induction heating will occur.

Material: Body and Keeper—galvanized ductile iron
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 stainless steel

DUCTILE IRON
SWDE/MD

DA
29

CATALOG NUMBER	DIMENSIONS INCHES (MM)			
	L	H	C	W
MD52N MD52S MD52C	2-25/32 (70.61)	4-3/32 (103.89)	2-1/8 (54.10)	5/8 (15.88)
SWDE46N SWDE46S SWDE46C	6 (152.40)	5-1/2 (139.70)	4-3/8 (111.12)	5/8 (15.88)
SWDE55N SWDE55S SWDE55C	8 (203.20)	8-5/8 (219.08)	7-3/8 (187.33)	11/16 (17.46)
SWDE84N SWDE84S SWDE84C	10-3/4 (273.05)	10-5/8 (270.00)	8-7/16 (214.38)	15/16 (23.88)

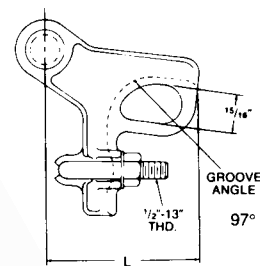


FIGURE 4

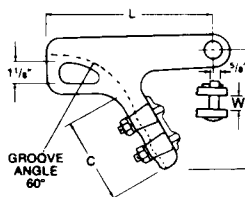
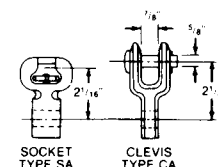


FIGURE 1

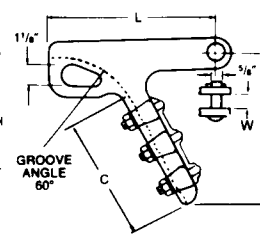


FIGURE 2

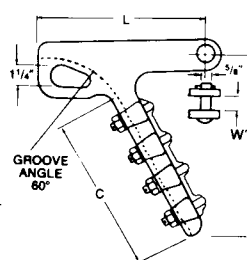


FIGURE 3

CATALOG NUMBER	FITTING		FIGURE NUMBER	CLAMPING RANGE				INCHES (MM)	ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.		GALV. STEEL			COPPER					
				DIA.	NO. STR.	GRADE						
MD52N MD52S MD52C	None Socket Clevis	— SA04 CA04	4	ACSR #6 (6/1) 4/0 (6/1)	—	—	#6 Sol. To 4/0 Str.	.160-.563 (4.06-14.30)	12,000 (5,443)	1	1/2 (12.70)	1.9 (.86) 3.2 (1.45) 3.5 (1.59)
SWDE46N SWDE46S SWDE46C	None Socket Clevis	— SA04 CA04	1	3/8 (9.53) 7/16 (11.11) 3/16 (4.76)	7 7 7	Utilities High Str. Utilities	#6 Str. To 4/0 Sol.	.18-.46 (4.57-11.68)	15,000 (6,804) 15,000 (6,804) 15,000 (6,804)	2	1/2 (12.70)	4.1 (1.86) 5.4 (2.45) 5.7 (2.49)
SWDE55N SWDE55S SWDE55C	None Socket Clevis	— SA04 CA04	2	1/4 (6.35) 9/32 (7.14) 5/16 (7.94) 3/8 (9.53) 7/16 (11.11) 1/2 (12.70)	7 7 7 7	All Grades Within Clamping And Strength Rating	#4 (7) To 4/0 (19)	.22-.55 (5.59-13.97)	19,000 (8,618) 18,000 (8,165) 18,000 (8,165)	3	1/2 (12.70)	6.0 (3.08) 8.0 (3.63) 8.4 (3.81)
SWDE84N SWDE84S SWDE84C	None Socket Clevis	— SA07 CA06	3	3/8 (9.53) thru 3/4 (19.05)	7 7 7		2/0 Sol. To 500 Str.	.36-.84 (8.89-21.34)	30,000 (13,608) 30,000 (13,608) 25,000 (11,340)	4	1/2 (12.70)	11.0 (4.99) 12.35 (5.60) 12.7 (5.76)

NOTE: Recommended torque on U-bolts; 1/2"—480 in. lbs.



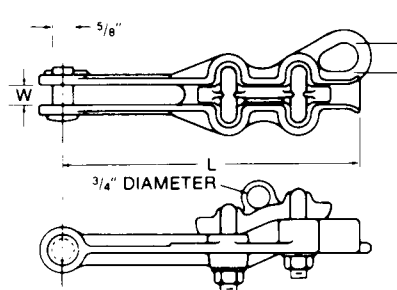
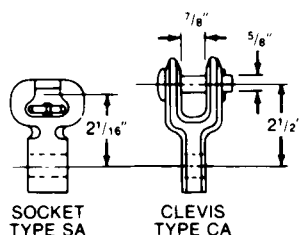
**DEADENDS
BOLTED
STRAIGHT LINE STRAIN CLAMP
BRONZE**

BRONZE

BDE

For distribution and light transmission construction with copper or Copperweld® conductor. Power loss, corrosion and heat rise are all reduced to a minimum due to the non-ferrous construction

Material: Body—high strength aluminum bronze alloy or red brass
Keeper—electrical bronze
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 Stainless steel



CATALOG NUMBER	FITTING		CLAMPING RANGE		ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS (INCHES (MM))			APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	COPPER	INCHES (MM)		NO.	SIZE INCHES (MM)	L	W	K	
BDE46N BDE46S BDE46C	None Socket Clevis	-- SA04 CA04	#6 Sol. To 4/0 Sol.	.16-.46 (4.06-11.68)	6,000 (2,722)	2	3/8 (9.53)	7-1/4 (184.15)	3/4 (19.05)	7/8 (22.23)	3.2 (1.45) 4.4 (2.00) 4.8 (2.18)
BDE60N BDE60S BDE60C	None Socket Clevis	-- SA04 CA04	2/0 Sol. To 250 MCM	.36-.60 (9.14-15.24)	8,000 (3,629)	2	1/2 (12.70)	8-3/4 (222.25)	3/4 (19.05)	7/8 (22.23)	5.6 (2.54) 6.9 (3.13) 7.2 (3.27)
BDE70N BDE70S BDE70C	None Socket Clevis	-- SA04 CA04	4/0 Sol. To 350 MCM	.46-.70 (11.68-17.78)	8,000 (3,629)	2	1/2 (12.70)	10-3/4 (273.05)	3/4 (19.05)	15/16 (23.81)	6.5 (2.95) 7.8 (3.54) 8.1 (3.67)
BDE86N BDE86S BDE86C	None Socket Clevis	-- SA06 CA06	4/0-7 Str. To 550 MCM	.52-.86 (13.21-21.84)	8,000 (3,629)	2	1/2 (12.70)	11 (279.40)	15/16 (23.81)	15/16 (23.81)	7.0 (3.18) 8.3 (3.76) 8.7 (3.95)
BDE98N BDE98S BDE98C	None Socket Clevis	-- SA06 CA06	350-37 Str. To 700 MCM	.68-.98 (17.27-24.89)	9,000 (4,082)	2	1/2 (12.70)	11-5/8 (295.28)	1-1/16 (26.99)	15/16 (23.81)	7.4 (3.36) 8.7 (3.95) 9.1 (4.13)

NOTE: (1) Recommended torque on U-bolts; 3/8"—240 in. lbs., 1/2"—480 in. lbs.
(2) Lifting eye is standard on keeper for hot line work.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED STRAIGHT LINE STRAIN CLAMP BRONZE

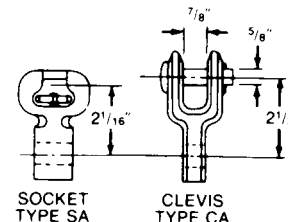
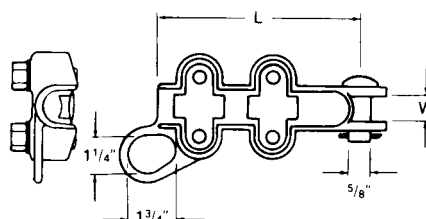
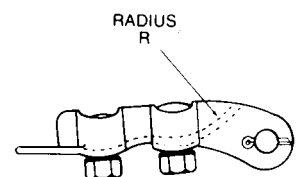
BRONZE
BSG

DA
31

These compact strain clamps are ideal for pole type substations and other short span deadending requirements with copper or copperweld conductor.

Because of non-ferrous construction, corrosion and heat rise on heavy current secondary circuits are reduced to a minimum. The threads do not protrude and all surfaces are rounded for quick, efficient taping.

Material: Body and Keeper—high strength aluminum bronze alloy
Hex Head Bolts and Lock Washers—silicon bronze
Sockets and Clevises—ductile iron, galvanized
Clevis Pin—galvanized steel
Cotter Pin—#302 stainless steel



CATALOG NUMBER	FITTING		CLAMPING RANGE		ULTIMATE BODY STRENGTH LBS. (KG)	HEX-HEAD BOLTS		DIMENSIONS (INCHES (MM))			APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	COPPER	INCHES (MM)		NO.	SIZE INCHES (MM)	L	W	R	
BSG050N BSG050S BSG050C	None Socket Clevis	-- SA04 CA04	2/0 Sol. To 550 MCM	.36-.875 (9.14-22.23)	5,500 (2,495)	4	1/2 (12.70)	6-1/2 (165.1)	11/16 (17.46)	4 (101.60)	3.5 (1.59) 4.8 (2.18) 4.8 (2.18)
BSG100N BSG100S BSG100C	None Socket Clevis	-- SA04 CA04	500 To 1000 MCM	.81-1.25 (20.57-31.75)	7,500 (3,402)	4	1/2 (12.70)	7-1/2 (190.5)	11/16 (17.46)	6 (152.40)	4.7 (2.13) 6.0 (2.72) 6.3 (2.86)

NOTE: Recommended torque on bolts; 1/2"—480 in. lbs.



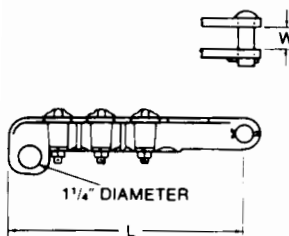
BRONZE

BSC/BSCG

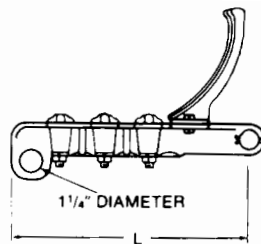
DEADENDS BOLTED STRAIGHT LINE STRAIN CLAMP BRONZE

These clamps are recommended for copper or Copperweld® conductor. Type BSCG is supplied with a stand-off guide to assure clearance between conductor and insulator disc when clamps are used as a through type deadend or strain.

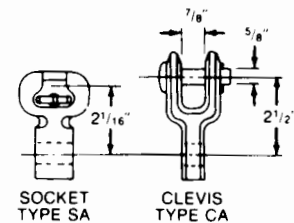
Material: Body—high strength aluminum bronze alloy
Keeper and Guide—electrical bronze
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 stainless steel



TYPE BSC
WITHOUT GUIDE



TYPE BSCG
WITH GUIDE



CATALOG NUMBER	FITTING		CLAMPING RANGE		ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS INCHES (MM)		APPROX. WT. EACH LBS. (KG)
	TYPE	CAT.NO.	COPPER	INCHES (MM)		NO.	SIZE INCHES (MM)	L	W	
BSC024N BSC024S BSC024C	None Socket Clevis	-- SA04 CA04	#2 Sol. To 4/0 Str.	.258-.528 (6.55-13.41)	8,000 (3,629)	2	1/2 (12.70)	9-1/8 (231.78)	11/16 (17.46)	3.1 (1.41) 4.4 (2.00) 4.4 (2.00)
BSC050N BSC050S BSC050C	None Socket Clevis	-- SA04 CA04	4/0 Str. To 550 MCM	.52-.875 (13.21-22.23)	8,000 (3,629)	2	1/2 (12.70)	9-5/8 (244.48)	11/16 (17.46)	3.8 (1.72) 5.1 (2.31) 5.1 (2.31)
BSC100N BSC100S BSC100C	None Socket Clevis	-- SA04 CA04	500 To 1000 MCM	.81-1.25 (20.57-31.75)	10,000 (4,536)	3	1/2 (12.70)	13-1/8 (333.38)	13/16 (20.64)	6.9 (3.13) 8.2 (3.72) 8.2 (3.72)
BSCG024S BSCG024C	Socket Clevis	SA04 CA04	#2 Sol. To 4/0 Str.	.258-.528 (6.55-13.41)	8,000 (3,629)	2 1	1/2 (12.70) 3/8 (9.53)	9-1/8 (231.78)	11/16 (17.46)	5.2 (2.36) 5.2 (2.36)
BSCG050S BSCG050C	Socket Clevis	SA04 CA04	4/0 Str. To 550 MCM	.52-.875 (13.21-22.23)	8,000 (3,629)	2 1	1/2 (12.70) 3/8 (9.53)	9-5/8 (244.48)	11/16 (17.46)	6.8 (3.08) 6.8 (3.08)
BSCG100S BSCG100C	Socket Clevis	SA04 CA04	500 To 1000 MCM	.81-1.25 (20.57-31.75)	10,000 (4,536)	3 1	1/2 (12.70) 1/2 (12.70)	13-1/8 (333.38)	13/16 (20.64)	11.0 (4.99) 11.0 (4.99)

NOTES: (1) Socket or clevis is necessary for Type BSCG to provide clearance for cable guide.
(2) Recommended torque on U-bolts; 3/8"—240 in. lbs., 1/2"—480 in. lbs.
(3) To obtain silicon bronze hardware add suffix—"ED". Example, BSC024NED.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED QUADRANT STRAIN CLAMP BRONZE

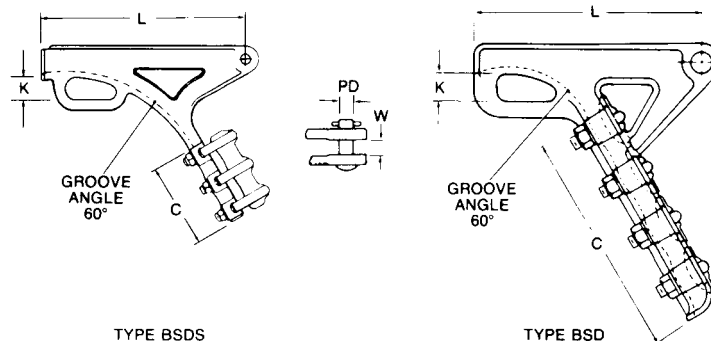
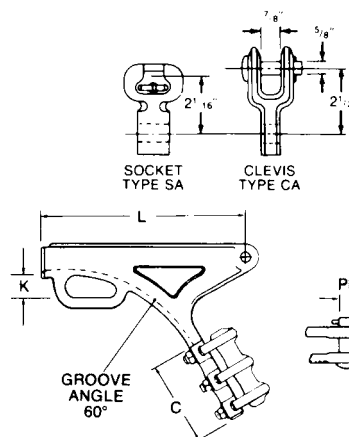
For heavy duty application using copper or Copperweld® conductor.

Material: Body—high strength aluminum bronze alloy
Keeper—electrical bronze
Hardware—galvanized steel
Sockets and Clevises—ductile iron, galvanized
Cotter Pin—#302 stainless steel

BRONZE
BSD/BSDS

DA
33

CATALOG NUMBER	DIMENSION INCHES (MM)				
	L	W	C	K	PD
BSD55	10 (254)	11/16 (17.46)	7-1/2 (190.50)	1-1/4 (31.75)	5/8 (15.88)
BSD68	11 (279.40)	3/4 (19.05)	9-1/2 (241.30)	1-5/16 (33.34)	5/8 (15.88)
BSD84	12 (304.80)	1 (25.40)	12 (304.80)	1-1/4 (31.75)	5/8 (15.88)
BSD112	13-1/8 (333.38)	1-3/8 (34.93)	8-1/4 (209.60)	1-1/2 (38.10)	3/4 (19.05)
BSD130	14 (355.60)	1-7/16 (36.51)	9-1/2 (241.30)	1-23/32 (43.7)	3/4 (19.05)
BSD163	14 (355.60)	1-23/32 (43.66)	5-3/4 (146.05)	1-1/2 (38.10)	5/8 (15.88)



CATALOG NUMBER	FITTING		CLAMPING RANGE		ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		APPROX. WT. EACH LBS (KG)
	TYPE	CAT. NO.	COPPER	INCHES (MM)		NO.	SIZE INCHES (MM)	
BSD55N BSD55S BSD55C	None Socket Clevis	-- SA04 CA04	#4 Sol.-4/0 Str.	.200-.500 (5.08-13.97)	18,000 (8,165)	3	1/2 (12.70)	6.4 (2.90) 7.7 (3.49) 7.2 (3.27)
BSD68N BSD68S BSD68C	None Socket Clevis	-- SA04 CA04	1/0 Sol.-350-19 Str.	.300-.680 (7.62-17.27)	25,000 (11,340) 20,000 (9,072) 18,000 (8,165)	4	1/2 (12.70)	8.7 (3.95) 10.0 (4.54) 10.0 (4.54)
BSD84N BSD84S BSD84C	None Socket Clevis	-- SA06 CA06	4/0 Str.-500 MCM	.475-.840 (12.07-21.34)	25,000 (11,340) 25,000 (11,340) 25,000 (11,340)	4	1/2 (12.70)	12.7 (5.76) 14.0 (6.35) 14.4 (6.53)
BSD112N BSD112S BSD112C	None Socket Clevis	-- SA1013 CA1013	400-1000 MCM	.710-1.15 (18.03-29.21)	35,000 (15,876) 30,000 (13,608) 25,000 (11,340)	5	1/2 (12.70)	14.8 (6.71) 16.3 (7.39) 16.8 (7.62)
BSD130N BSD130S BSD130C	None Socket Clevis	-- SA1113 CA1013	400-1500 MCM	.710-1.42 (18.03-36.07)	35,000 (15,876) 30,000 (13,608) 25,000 (11,340)	5	5/8 (15.88)	24.5 (11.11) 26.0 (11.79) 26.5 (12.02)
BSDS163N BSDS163S BSDS163C	None Socket Clevis	-- SA13 CA13	1250-2000 MCM	1.18-1.63 (29.97-41.40)	27,000 (12,247) 27,000 (12,247) 25,000 (11,340)	3	5/8 (15.88)	18.4 (8.35) 20.1 (9.12) 20.2 (9.16)

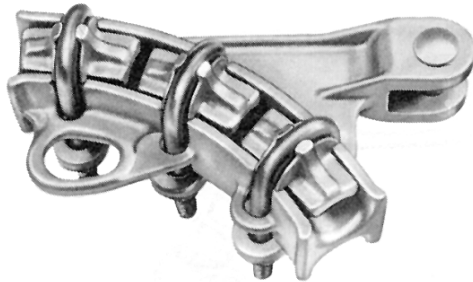
Notes: (1) Recommended torque on U-bolts; 1/2"—480 in. lbs., 5/8"—720 in. lbs.
(2) To obtain silicon bronze hardware, add suffix "ED".
Example: BSD55NED.



DEADENDS BOLTED QUADRANT STRAIN CLAMP BRONZE

BRONZE

BR1/BR2

DA
34

These clamps are used primarily for deadending copper substation cable bus.

When installing, cable will slide freely under the U-bolts. If preferred, U-bolts may be removed and cable laid in clamp grooves from the side.

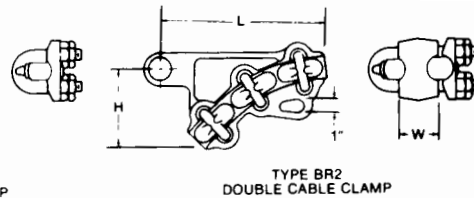
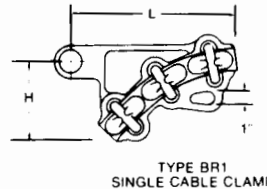
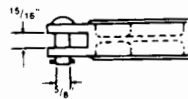
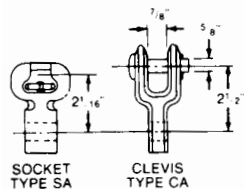
These clamps are compact for greatest phase clearance.

Material: Body and Keeper—high strength bronze

Hardware—galvanized steel

Sockets and Clevises—ductile iron, galvanized

Cotter Pin—#302 stainless steel



CATALOG NUMBER	FITTING		CLAMPING RANGE		ULTIMATE BODY STRENGTH LBS. (KG)	U-BOLTS		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (MM)
	TYPE	CAT. NO.	COPPER	INCHES (MM)		NO.	SIZE INCHES (MM)	L	W	H	
BR1025N BR1025S BR1025C	None Socket Clevis	-- SA06 CA06	2/0 Sol. To 250-19 Str.	.365-.574 (9.27-14.58)	8,000 (3,629)	3	3/8 (9.53)	8-1/16 (204.79)	---	3-5/32 (80.17)	5.4 (2.45) 6.7 (3.04) 7.1 (3.22)
BR1050N BR1050S BR1050C	None Socket Clevis	-- SA06 CA06	250-19 Str. To 500 MCM	.574-.813 (14.58-20.65)	10,000 (4,536)	3	1/2 (12.70)	8-7/8 (225.43)	---	33/8 (85.73)	7.0 (3.18) 8.3 (3.76) 8.7 (3.95)
BR1100N BR1100S BR1100C	None Socket Clevis	-- SA06 CA06	500 To 1000 MCM	.811-1.152 (20.60-29.26)	15,000 (6,804)	3	1/2 (12.70)	9-1/8 (231.78)	---	3-7/8 (98.43)	9.2 (4.17) 10.5 (4.76) 10.9 (4.95)
BR1150N BR1150S BR1150C	None Socket Clevis	-- SA06 CA06	1000 To 1500 MCM	1.150-1.412 (29.21-35.86)	15,000 (6,804)	3	5/8 (15.88)	10-1/2 (266.70)	---	4-3/8 (111.13)	13.4 (6.08) 14.7 (6.67) 16.1 (7.30)
BR1200N BR1200S BR1200C	None Socket Clevis	-- SA06 CA06	1500 MCM To 2000-Str.	1.411-1.632 (35.84-41.40)	15,000 (6,804)	3	5/8 (15.88)	12-3/4 (323.85)	---	5 (127)	15.0 (6.80) 16.3 (7.39) 16.7 (7.58)
BR2025N BR2025S BR2025C	None Socket Clevis	-- SA06 CA06	2/0 Sol. To 250-19 Str.	.365-.574 (9.27-14.58)	8,000 (3,629)	3	3/8 (9.53)	8-1/16 (204.79)	21/32 (16.67)	3-5/32 (80.17)	5.7 (2.59) 7.0 (3.18) 7.4 (3.36)
BR2050N BR2050S BR2050C	None Socket Clevis	-- SA06 CA06	250-19 Str. To 500 MCM	.574-.813 (14.58-20.65)	10,000 (4,536)	3	1/2 (12.70)	8-3/4 (222.25)	7/8 (22.23)	3-1/4 (82.55)	10.0 (4.54) 11.3 (5.13) 11.7 (5.31)
BR2100N BR2100S BR2100C	None Socket Clevis	-- SA06 CA06	500 To 1000 MCM	.811-1.152 (20.60-29.26)	15,000 (6,804)	3	1/2 (12.70)	9-1/8 (231.78)	1-3/16 (30.16)	3-7/8 (98.43)	14.0 (6.35) 15.3 (6.95) 15.7 (7.12)

NOTE: Recommended torque on U-bolts; 3/8"—240 in.-lbs., 1/2"—480 in.-lbs., 5/8"—720 in.-lbs.



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED CIRCULAR DEADEND CLAMP FERROUS

DUCTILE IRON

DDC

DA
35

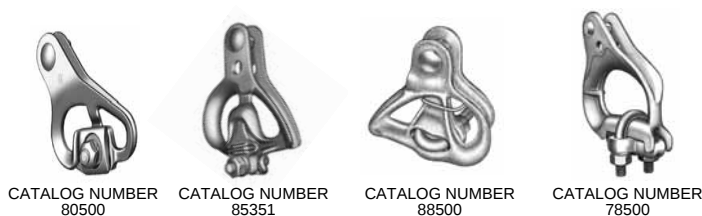
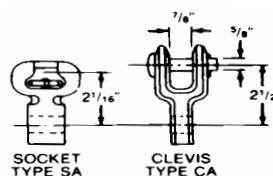
For deadending static wires.

May be used to deadend copper or Copperweld® phase conductors. Magnetic induction heating will occur.

Material: Body and Keeper—ductile iron, galvanized
Bolts and Washers—galvanized steel (lubricated)
Grommet—neoprene
Clevis Pin—galvanized steel
Sockets and Clevises—ductile iron, hot dip galvanized
Cotter Pin—#302 stainless steel
Spring Clip—zinc plated steel



TYPE DDC

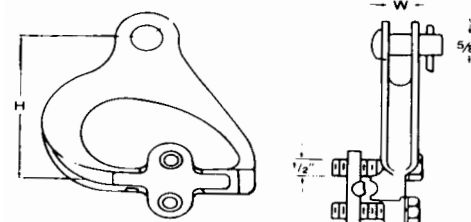


CATALOG NUMBER
80500

CATALOG NUMBER
85351

CATALOG NUMBER
88500

CATALOG NUMBER
78500



CATALOG NUMBER	FITTING		CLAMPING RANGE INCHES (MM)	ULTIMATE BODY STRENGTH LBS. (KG)	DIMENSIONS INCHES (MM)		APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.			W	H	
DDC55N DDC55S DDC55C	None Socket Clevis	— SA05 CA05	.16-.55 (4.06-13.97)	16,000 (7,258)	13/16 (20.64)	5-3/16 (131.76)	3.5 (1.59) 4.8 (2.18) 5.1 (3.09)

CATALOG NUMBER	FITTING		CLAMPING RANGE INCHES (MM)		ULTIMATE BODY STRENGTH LBS. (KG)	DIMENSIONS INCHES (MM)		APPROX. WT. EACH LBS. (KG)
	TYPE	CAT. NO.	SMALL GROOVE	LARGE GROOVE		W	H	
805002000	None	—	.12-.19 (3.05-4.83)	.19-.38 (4.83-9.65)	8,000 (3,628)	11/16 (17.46)	2-7/16 (61.91)	1.5 (.68)
853512000	Socket	— SA04	.16-.25 (4.06-6.35)	.25-.44 (6.35-11.18)	10,000 (4,536)	11/16 (17.46)	4-3/4 (120.65)	2.3 (1.04) 3.8 (1.72)
885002000	None	—	.20-.50 (5.08-12.70)		10,000 (4,536)	11/16 (17.46)	4-5/16 (109.54)	2.4 (1.09)
785002000 785012000	None Socket	— SA04	.16-.33 (4.06-8.38)	.33-.55 (8.38-13.97)	14,000 (6,350)	3/4 (19.05)	4-1/4 (107.95)	3.9 (1.77) 5.4 (2.45)

NOTE: Recommended torque on bolts; 1/2"—480 in.-lbs.

DA-35



DUCTILE DEADEND THIMBLE TYPE DDT

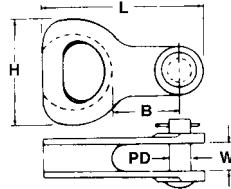
DA
36

DUCTILE IRON

DDT

Provides a convenient and efficient means for loop dead-ending of steel static wire and bare or insulated aluminum or copper phase wires. Magnetic induction heating will occur.

Material: Body – ductile iron, galvanized
Clevis Pin – galvanized steel
Cotter Pin – #302 stainless steel



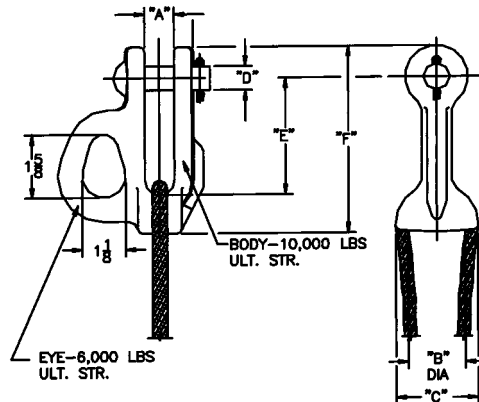
CATALOG NUMBER	CONDUCTOR RANGE INCHES (MM)	ULTIMATE BODY STRENGTH LBS. (KG)	DIMENSIONS INCHES (MM)					APPROX. WT. EACH LBS. (KG)
			L	B	W	H	PD	
DDT07	0-.875 (0.22.23)	40,000 (18,144)	5 3/8 (136.53)	2 5/16 (58.74)	7/8 (22.23)	3 1/4 (82.55)	3/4 (19)	2.5 (1.13)
DDT12*	0-1.0 (0-25.40)	60,000 (27.216)	7 13/16 (45.97)	3 3/4 (95.25)	1 5/16 (33.27)	3 3/4 (95.25)	1 (25)*	5.7 (2.5)

*Bolt, Nut & Cotter Pin are standard.

DEADENDS ALUMINUM DEADEND THIMBLE TYPE ADET

ALUMINUM

ADET



Provides a convenient and efficient means for loop dead-ending of steel static wire and bare or insulated aluminum phase wires. Generous pulling eye for easy installation.

Material: Body – high strength aluminum alloy
Clevis Pin – galvanized steel
Cotter Pin – #302 stainless steel

CATALOG NUMBER	CONDUCTOR RANGE INCHES (MM)		RATED STRENGTH LBS.		DIMENSIONS INCHES (MM)					
	ACSR	GUY WIRE	THIMBLE	EYE	A	B	C	D	E	F
ADET75	#6 – 336.4	3/16 – 5/16	10,000	6,000	0.75 (19)	1.5 (38.1)	2.12 (53.8)	0.63 (16)	3 (76.2)	4.81 (122.2)
ADET88	#6 – 477	3/16 – 3/8	12,000	7,000	0.88 (22.4)	1.5 (38.1)	2.12 (53.8)	0.63 (16)	3 (76.2)	4.81 (122.2)



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED MIDSPAN CLAMPS AND DEADENDS ALUMINUM

DA
37

Fargo Mid Span Clamps and Deadends may be used on open wire or triplex secondaries for single or multiple service connectors away from the pole. Cast, high strength aluminum provides corrosion resistance and conductor compatibility.

The Fargo GM104A is designed for neutral deadend connections. Service deadends may be attached through the side loops permitting installation at any angle. The long contact surfaces protect the neutral against corrosion and damage from the pull of the service. Fitted grooves are provided to protect covered phase wire when installed on triplex secondaries.

The Fargo GM1091A is easily installed by swiveling the keepers over the run conductor. Double clamping of the run provides parallel current paths. Side opening keepers permit easy insertion and quick connections. Either tap can be installed or removed without unclamping the run conductor and installation is made without disassembly.

The Fargo GM124A combination connector and deadend provides both electrical and mechanical neutral connections for secondary service drops. Service deadends of either rigid or flexible bail types may be easily installed on the projecting hooks of the body of the clamp. The design of the hook retains the bail in position during vibration or shock loading of either the secondary neutral or the service.

The aluminum 4 tap connector block provides a compact terminal for electrically joining the neutrals of one through four services. Each service is an individual connection permitting convenient installation or removal of service.

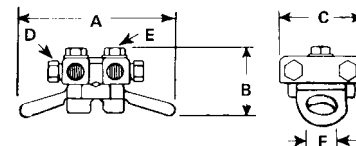
The Fargo GM125A utilizes the aluminum 4 tap connector block and an aluminum base or body with side loops for attachment of service deadends. The use of high strength aluminum washer head bolts permits ease of installation on either open wire or triplex secondary neutrals away from the poles.

Material: Casting—High strength aluminum alloy
Hardware – Stainless steel (GM1091A)
High Strength AL Alloy (GM104, GM124, GM125)

Note: Add suffix "L" to catalog number for inhibitor protection and individual packaging



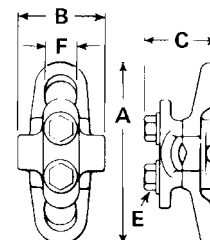
GM125A



GM125A



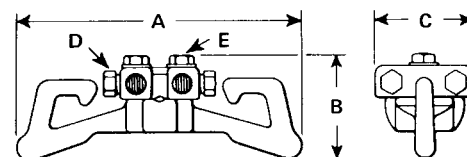
GM104A



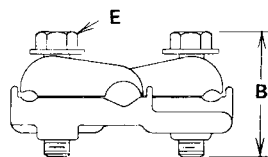
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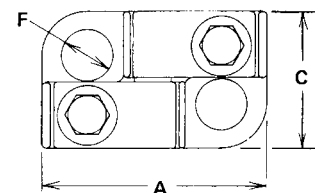
GM124A



GM124A



GM1091A



GM1091A

CATALOG NUMBER	CONDUCTOR RANGE, ACSR				APPROX. DIMENSIONS INCHES					
	RUN		TAP		A	B	C	D	E	F
	MAX.	MIN.	MAX.	MIN.						
GM104A	336.4	4	-	-	4 1/8	2	2 1/8	-	3/8	5/8
GM1091A	4/0	2	1/0	6	3 3/8	1 7/8	2 1/16	-	3/8	5/8
GM124A	4/0	4	2/0	6	7	2 5/8	2 7/8	1/2	3/8	-
GM125A	4/0	4	2/0	6	4 1/8	2 1/4	2 7/8	1/2	3/8	5/8

DISTRIBUTION CONNECTORS



IN-SPAN PHASE CONNECTOR AND HOUSING

DA
38

ALUMINUM
GM128

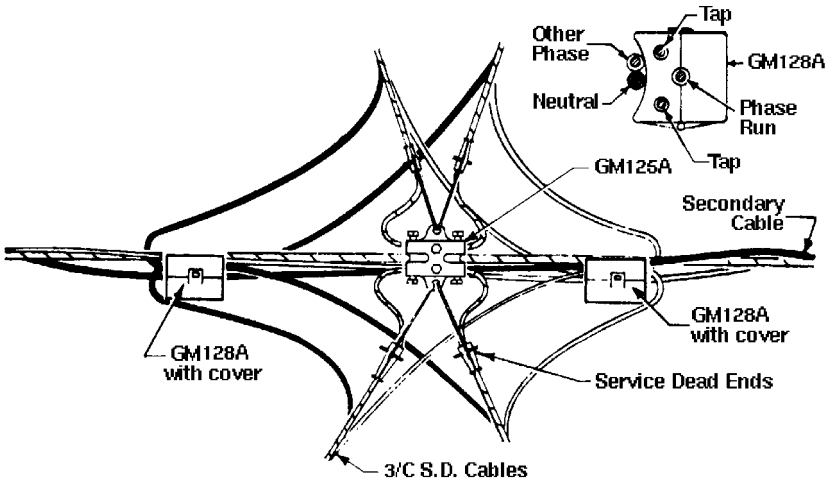
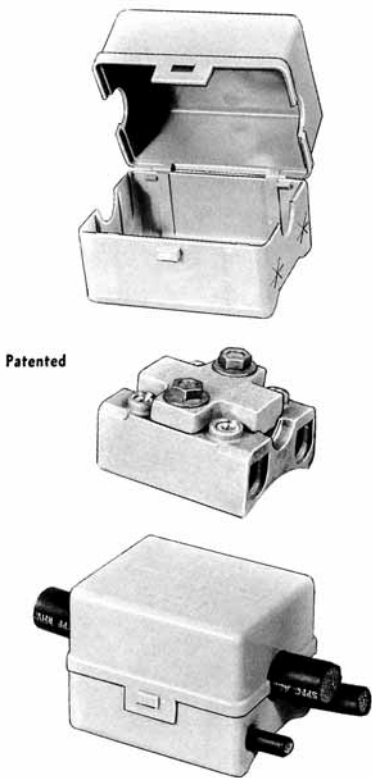
This in-span phase connector is designed for use on open wire or multiple cable secondaries to permit aesthetic readily accessible service connections.

The connector body is constructed of high strength aluminum for optimum corrosion resistance and light weight. The Fargo housing or case provides protective insulation from adjacent conductors and is formed for accessibility and ease of application. Secondary run and service tap openings are pre-cut for alignment and tap conductor insertion or removal.

The connector locks in position inside the case providing one piece for assembly.

For best performance, the connectors are supplied with Fargolene® inhibitor protected grooves and are individually packaged in plastic bags.

The Fargo GM128AKL makes an insulated phase connector system for up to four service taps and may be used with the Fargo neutral span clamps.



CATALOG NUMBER	RANGE		APPROX. OVERALL DIMENSIONS INCHES			WEIGHT LBS (KG)
	RUN	TAP	LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)	
GM128AL (Connector Only)	2 Str. – 350 kcmil	4 Sol. – 3/0 Str.	3 5/16 (84.03)	2 5/8 (66.81)	2 (50.90)	1.04 (.47)
GM128AKL (Connector and Housing)	2 Str. – 350 kcmil	4 Sol. – 3/0 Str.	3 13/16 (97.03)	3 1/4 (82.71)	3 (76.35)	1.20 (.54)



DISTRIBUTION CONNECTORS

SECTION DA

DEADENDS BOLTED IN-SPAN NEUTRAL TAPS ALUMINUM

ALUMINUM
GM100

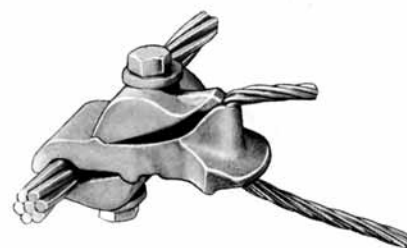
DA
39

Fargo in-span taps offer a wide range of neutral connections on open wire or multiple cable secondaries.

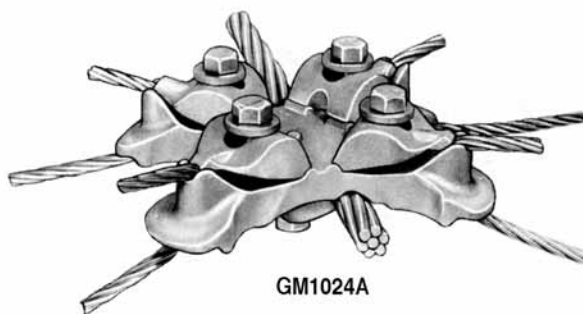
- A wide angle bell mouth opening permits tap offs up to 45° in either direction from the center line of the clamp.
- Constructed of high strength aluminum alloy these clamps provide a minimum holding power of 1250 pounds.
- Long contoured contact surfaces protect the neutral from the pull of the service.
- Using less parts than conventional units, these taps are available for one, two or four service dead end connections.

Material: Body Casing – Aluminum Alloy
Hardware – Stainless Steel

Note: Add suffix “L” to catalog number for inhibitor protection and individual packs. Ex. – GM102AL



GM102A



GM1024A

CATALOG NUMBER	RUN		TAP		NO. OF TAPS	APPROX. OVERALL DIMENSIONS INCHES		
	MAX.	MIN.	MAX.	MIN.		LENGTH	WIDTH	HEIGHT
GM102A	4/0 ACSR	1/0 ACSR	2 ACSR	6 ACSR	1	3 3/8	1 1/2	2 3/4
GM1024A	4/0 ACSR	1/0 ACSR	2 ACSR	6 ACSR	4	5 3/4	5	2 3/4

DISTRIBUTION CONNECTORS

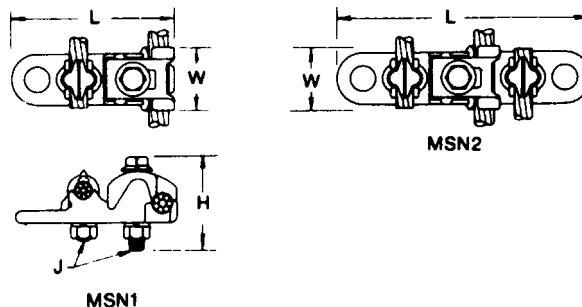
ALUMINUM MID-SPAN CONNECTOR
TYPE MSNDA
40

ALUMINUM

MSN

For aluminum or ACSR triplex conductor.
Eyebolt provides positive bonding of neutrals.

Material: Body—Aluminum alloy
Eyebolt—Aluminum bronze
Hardware—Galvanized steel



CATALOG NUMBER	CONDUCTOR RANGE (AWG)		DIMENSIONS—INCHES (MM)				APPROX. WT. EACH LBS. (KG)
	AAC	ACSR	L	H	W	H	
MSN1	#2-2/0	#4-2/0	4-5/32 (105.57)	2-5/16 (58.74)	1-5/8 (41.28)	3/8 (9.52)	.46 (.21)
MSN2	#2-2/0	#4-2/0	6-11/32 (161.13)	2-5/16 (58.74)	1-5/8 (41.28)	3/8 (9.52)	.64 (.29)

ALUMINUM MID-SPAN CONNECTOR
TYPE MSNT

ALUMINUM

MSNT

For aluminum or ACSR triplex conductor.
Has a double take-off loop.
Bolts are peened to make nut captive.

Material: Body—Top Member-Aluminum alloy
Bottom Member—Bronze alloy-tin plated
Hardware—Galvanized steel



CATALOG NUMBER	CONDUCTOR RANGE (AWG)		DIMENSIONS—INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	NEUTRAL	PHASE	L	J	DIA.	
MSNT2	1/0-4/0 ACSR	#6-1/0 AAC OR ACSR	4-11/16 (119.09)	3/8 (9.52)	7/8 (22.22)	.64 (.29)



DISTRIBUTION CONNECTORS

SECTION DA

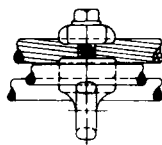
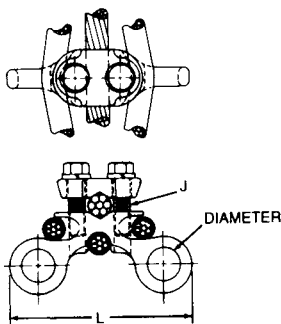
ALUMINUM MID-SPAN CONNECTOR TYPE MSE

For aluminum and ACSR triplex or quadruplex conductor.

Material: Body—Aluminum alloy
Hardware—Plated steel

ALUMINUM
MSE

DA
41



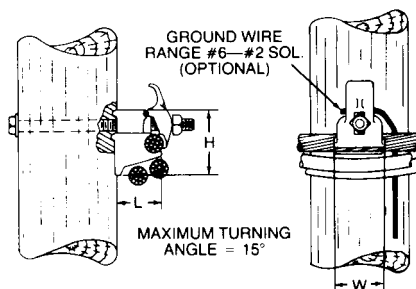
CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS—INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	NEUTRAL	PHASE	L	J	DIA.	
MSE416981	#4-4/0 ACSR	#6-1/0 AAC OR ACSR	4-1/8 (104.78)	3/8 (9.52)	3/4 (19.05)	.46 (.21)

ALUMINUM SUPPORT BRACKET TYPE TTSB (TRIPLEX SUSPENSION)

For aluminum or ACSR triplex conductor.
Can be mounted to a flat surface or to a wood pole.
5/8-11T galvanized thru-bolt is not furnished.

Material: Aluminum alloy

ALUMINUM
TTSB



CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)	DIMENSIONS—INCHES (MM)			APPROX. WT. EACH LBS. (KG)
		L	W	H	
TTSB416671	#2 ACSR-477 MCM (AAC)	2-5/16 (58.72)	2-3/8 (60.32)	3-5/16 (84.12)	.38 (.17)



TOP TIE FORMED WIRE INSULATOR TIE "C-NECK"

ALUMINUM COATED STEEL

LDIC

For securing bare or plastic jacketed conductor in the top groove of interchangeable headstyle insulators.

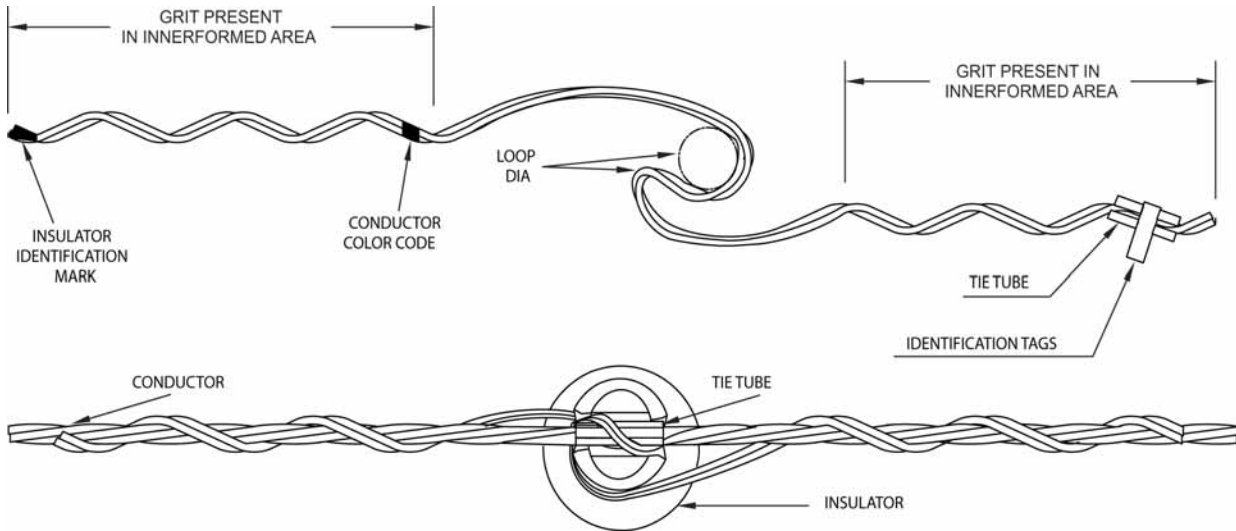
Fargo LDIC series formed wire distribution ties are designed for use with ACSR, AAC, AAAC, AWAC® Compacted ACSR & Compacted AAC.

C-Neck Insulator: 2-1/4" neck diameter

Recommended for use with ANSI Class 55-2 Pin & 55-3 Pin Insulators.

Note: Consult factory for information on other applications.

Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius										
LDIC4000AS	#6 (6/1)	#4 (7W) C		0.190 (4.83)	0.215 (5.46)	100	17 (7.7)	24 (610)	BLACK	BLUE
LDIC4001AS	#4 (6/1) #4 (7/1) C	#4 (7W)		0.216 (5.47)	0.244 (6.21)	100	18 (8.2)	25 (635)	BLACK	BROWN
LDIC4002AS	#4 (6/1) #4 (7/1)		#4 (7W)	0.245 (6.23)	0.277 (7.05)	100	18 (8.2)	26 (660)	BLACK	ORANGE
LDIC4003AS		#2 (7W)	#3 (7W)	0.278 (7.06)	0.315 (8.01)	100	18 (8.2)	26 (660)	BLACK	PURPLE
LDIC4004AS	#2 (6/1) #2 (7/1) #1 (6/1)		#2 (7W)	0.316 (8.03)	0.357 (9.08)	100	19 (8.6)	28 (711)	BLACK	RED
LDIC4005AS	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.358 (9.09)	0.405 (10.30)	100	20 (9.1)	30 (762)	BLACK	YELLOW
LDIC4006AS	2/0 (6/1)	2/0 (7W)	2/0 (7W)	0.406 (10.31)	0.459 (11.67)	50	17 (7.7)	25 (635)	BLACK	BLUE
LDIC4007AS	3/0 (6/1)	3/0 (7W)	3/0 (7W)	0.460 (11.68)	0.520 (13.21)	50	17 (7.7)	25 (635)	BLACK	ORANGE
LDIC4008AS	4/0 (6/1)	4/0 (7W)	4/0 (7W)	0.521 (13.23)	0.588 (14.95)	50	18 (8.2)	28 (711)	BLACK	RED
LDIC4009AS	266.8 (18/1)	266.8 (37W)		0.589 (14.95)	0.665 (16.90)	50	18 (8.2)	30 (762)	BLACK	PURPLE

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

"C" indicates Compact stranding.

Add "NT" suffix for no tie tube (Pad). Example: LDIC4005ASNT.



DISTRIBUTION CONNECTORS

SECTION DA

TOP TIE FORMED WIRE INSULATOR TIE "C-NECK" (CONTINUED)

DA
43

CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius Continued										
LDIC4010AS	336.4 (18/1)	336.4 (19W) 397.5 (19W)		0.666 (16.91)	0.755 (19.19)	50	19 (8.6)	31 (787)	BLACK	BROWN
LDIC4011AS	477 (18/1) 477 (24/7) 477 (26/7)	477 (19W) 477 (37W)		0.756 (19.20)	0.855 (21.73)	50	19 (8.6)	32 (813)	BLACK	RED
5/8" Minimum Groove Radius										
LDIC4012AS	556.5 (24/7) 636 (18/1)	700 (37W) 700 (61W)		0.856 (21.74)	0.968 (24.60)	50	20 (9.1)	34 (864)	BLACK	BLUE
3/4" Minimum Groove Radius										
LDIC4013AS	715.5 (24/7) 795 (54/7)	795 (37W) 795 (61W)		0.969 (24.61)	1.096 (27.85)	50	21 (9.5)	37 (940)	BLACK	GREEN
LDIC4014AS	954 (36/1) 954 (54/7)	1033.5 (37W) 1033.5 (61W)		1.097 (27.86)	1.240 (31.50)	50	22 (10.0)	40 (1016)	BLACK	YELLOW

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

"C" indicates Compact stranding.

Add "NT" suffix for no tie tube (Pad). Example: LDIC4005ASNT.



TOP TIE FORMED WIRE INSULATOR TIE "F-NECK"

DA
44

ALUMINUM COATED STEEL
LDIF

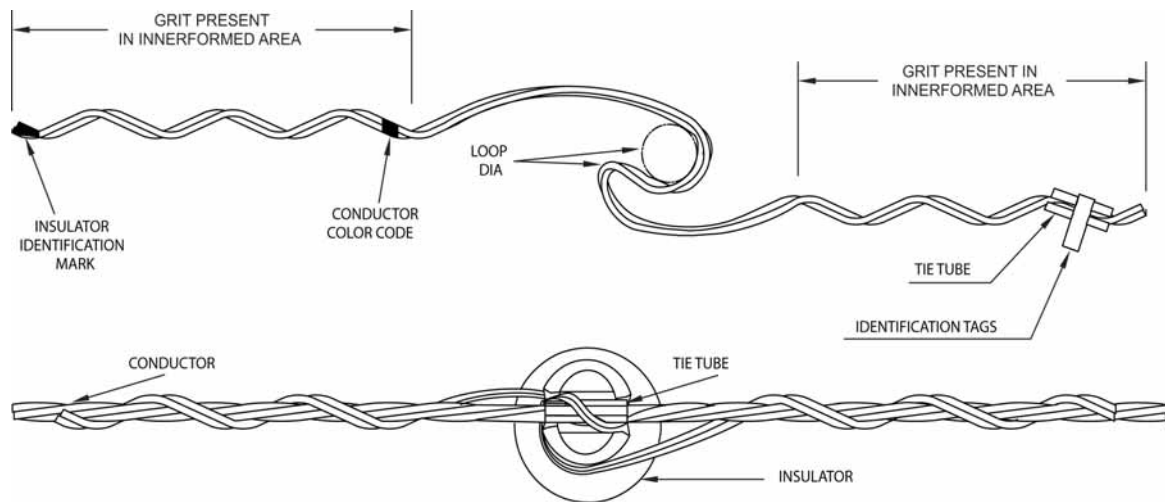
For securing bare or plastic jacketed conductor in the top groove of interchangeable headstyle insulators.

Fargo LDIF series formed wire distribution ties are designed for use with ACSR, AAC, AAAC, AWAC® Compacted ACSR & Compacted AAC.

F-Neck Insulator: 2-7/8" neck diameter

Recommended for use with ANSI Class 55-4 Pin, 55-5 Pin, 57-1 Pin, 57-2 Pin & 57-3 Pin Insulators.

Note: Consult factory for information on other applications.
Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius										
LDIF4500AS	#6 (6/1)	#4 (7W) C		0.190 (4.83)	0.215 (5.46)	100	18 (8.2)	25 (635)	YELLOW	BLUE
LDIF4501AS	#4 (6/1) #4 (7/1) C	#4 (7W)		0.216 (5.47)	0.244 (6.21)	100	19 (8.6)	26 (660)	YELLOW	BROWN
LDIF4502AS	#4 (6/1) #4 (7/1)		#4 (7W)	0.245 (6.23)	0.277 (7.05)	100	19 (8.6)	27 (686)	YELLOW	ORANGE
LDIF4503AS		#2 (7W)	#3 (7W)	0.278 (7.06)	0.315 (8.01)	100	20 (9.1)	29 (737)	YELLOW	PURPLE
LDIF4504AS	#2 (6/1) #2 (7/1) #1 (6/1)		#2 (7W)	0.316 (8.03)	0.357 (9.08)	100	20 (9.1)	31 (787)	YELLOW	RED
LDIF4505AS	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.358 (9.09)	0.405 (10.30)	100	21 (9.5)	32 (813)	YELLOW	YELLOW
LDIF4506AS	2/0 (6/1)	2/0 (7W)	2/0 (7W)	0.406 (10.31)	0.459 (11.67)	50	18 (8.2)	25 (635)	YELLOW	BLUE
LDIF4507AS	3/0 (6/1)	3/0 (7W)	3/0 (7W)	0.460 (11.68)	0.520 (13.21)	50	18 (8.2)	27 (686)	YELLOW	ORANGE

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

"C" indicates Compact stranding.

Add "NT" suffix for no tie tube (Pad). Example: LDIF4505ASNT.



DISTRIBUTION CONNECTORS

SECTION DA

TOP TIE FORMED WIRE INSULATOR TIE "F-NECK" (CONTINUED)

DA
45

CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius Continued										
LDIF4508AS	4/0 (6/1)	4/0 (7W)	4/0 (7W)	0.521 (13.23)	0.588 (14.95)	50	19 (8.6)	29 (737)	YELLOW	RED
LDIF4509AS	266.8 (18/1)	266.8 (37W)		0.589 (14.96)	0.665 (16.95)	50	19 (8.6)	32 (813)	YELLOW	PURPLE
LDIF4510AS	336.4 (18/1)	336.4 (19W) 397.5 (19W)		0.666 (16.91)	0.755 (19.19)	50	20 (9.1)	32 (813)	YELLOW	BROWN
LDIF4511AS	477 (18/1) 477 (24/7) 477 (26/7)	477 (19W) 477 (37W)		0.756 (19.20)	0.855 (21.73)	50	20 (9.1)	33 (838)	YELLOW	RED
5/8" Minimum Groove Radius										
LDIF4512AS	636 (18/1)	556.5 (19W) 700 (37W) 700 (61W)		0.856 (21.74)	0.968 (24.60)	50	21 (9.5)	35 (889)	YELLOW	BLUE
3/4" Minimum Groove Radius										
LDIF4513AS	715.5 (24/7) 795 (54/7)	795 (37W) 795 (61W)		0.969 (24.61)	1.096 (27.85)	50	22 (10)	38 (965)	YELLOW	GREEN
LDIF4514AS	954 (36/1) 954 (54/7)	1033.5 (37W) 1033.5 (61W)		1.097 (27.86)	1.240 (31.50)	50	23 (10.5)	41 (1042)	YELLOW	YELLOW

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

"C" indicates Compact stranding.

Add "NT" suffix for no tie tube (Pad). Example: LDIF4505ASNT.



DA
46

ALUMINUM COATED STEEL
LDIJ

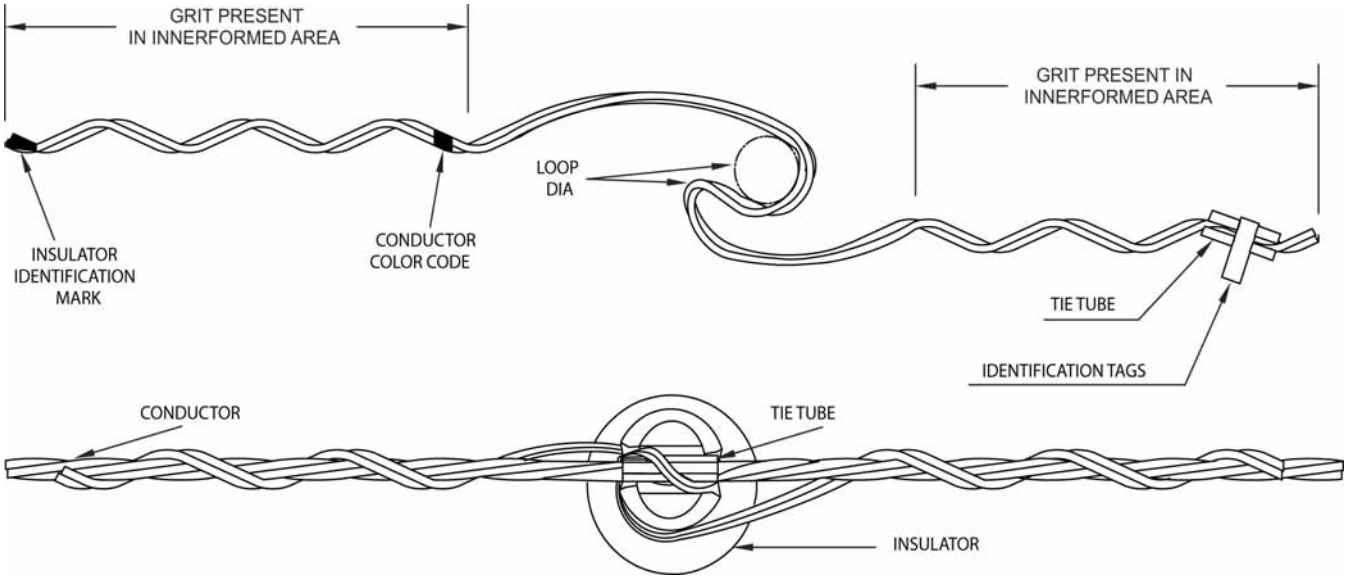
TOP TIE
FORMED WIRE
INSULATOR TIE “J-NECK”

For securing bare or plastic jacketed conductor in the top groove of interchangeable headstyle insulators.

Fargo LDIJ series formed wire distribution ties are designed for use with ACSR, AAC, AAAC, Compacted ACSR & Compacted AAC & AWAC®.

J-Neck Insulator: 3-1/2" neck diameter

Note: Consult factory for information on other applications.
Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius										
LDIJ4604AS	#2 (6/1) #2 (7/1) #1 (6/1)		#2 (7W)	0.316 (8.03)	0.357 (9.08)	100	29 (13.2)	32 (813)	GREEN	RED
LDIJ4605AS	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.358 (9.09)	0.405 (10.30)	100	31 (14.1)	33 (838)	GREEN	YELLOW

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.
AWAC is a registered trademark of Copperweld Co.
"C" indicates Compact stranding.
Add "NT" suffix for no tie tube (Pad). Example: LDIJ4605ASNT.



DISTRIBUTION CONNECTORS

SECTION DA

DOUBLE SIDE TIE FORMED WIRE INSULATOR TIE "C-NECK" & "F-NECK"

ALUMINUM COATED STEEL

LLDU

DA
47

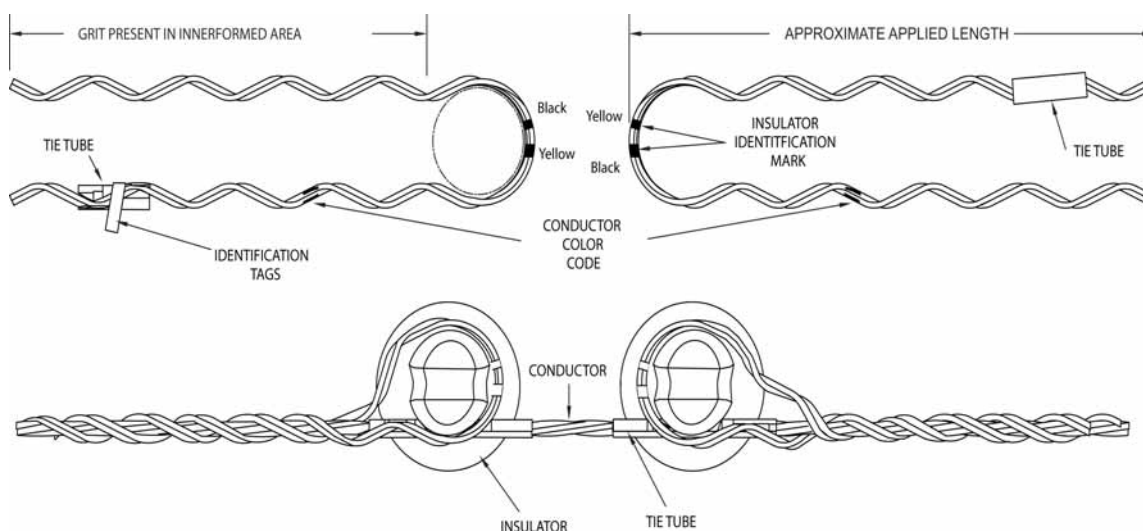
Double Side Ties are used on double arm construction in applications where the conductor is aligned to sit in the side groove of interchangeable headstyle insulators. This type of tie is typically for use in applications where the line angles are larger than double support ties. This series is for use on vertically mounted insulators (at double insulator locations) with line angles between (0°) zero degrees and (80°) eighty degrees with no more than a (40°) forty degree angle at each insulator.

Fargo LLDU series formed wire double support ties are designed for use with ACSR, AAC, AAAC, Compacted ACSR & AWAC®.

C-Neck (2-1/4" neck diameter) & F-Neck (2-7/8" neck diameter) interchangeable headstyle insulators.

Note: Consult factory for information on other applications.

Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius										
LLDU4152AS	#4 (6/1) #4 (7/1)	#4 (7W)	#4 (7W)	0.245 (6.23)	0.277 (7.05)	50	21 (9.5)	16 (406)	"C" - BLACK "F" - YELLOW	ORANGE
LLDU4154AS	#2 (6/1) #2 (7/1) #1 (6/1)	#2 (7W)	#2 (7W)	0.316 (8.03)	0.357 (9.08)	50	21 (9.5)	16 (406)	"C" - BLACK "F" - YELLOW	RED
LLDU4155AS	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.358 (9.09)	0.405 (10.30)	50	21 (9.5)	17 (432)	"C" - BLACK "F" - YELLOW	YELLOW
LLDU4158AS	4/0 (6/1)	4/0 (7W)	4/0 (7W)	0.521 (13.23)	0.588 (14.95)	50	36 (16.4)	19 (483)	"C" - BLACK "F" - YELLOW	RED
LLDU4161AS	477 (18/1) 477 (24/7) 477 (26/7)	477 (19W) 477 (37W)		0.756 (19.2)	0.858 (21.79)	50	39 (17.7)	20 (508)	"C" - BLACK "F" - YELLOW	RED
5/8" Minimum Groove Radius										
LLDU4162AS	636 (18/1)	556.5 (19W) 700 (37W) 700 (61W)		0.859 (21.81)	0.968 (24.60)	50	42 (19.1)	22 (762)	"C" - BLACK "F" - YELLOW	BLUE
11/16" Minimum Groove Radius										
LLDU4163AS	795 (54/7) 715.5 (24/7)	795 (37W) 795 (61W)		0.969 (24.61)	1.096 (27.84)	50	44 (20)	24 (610)	"C" - BLACK "F" - YELLOW	GREEN

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.
AWAC is a registered trademark of Copperweld Co.

DA-47



ALUMINUM COATED STEEL

LDID

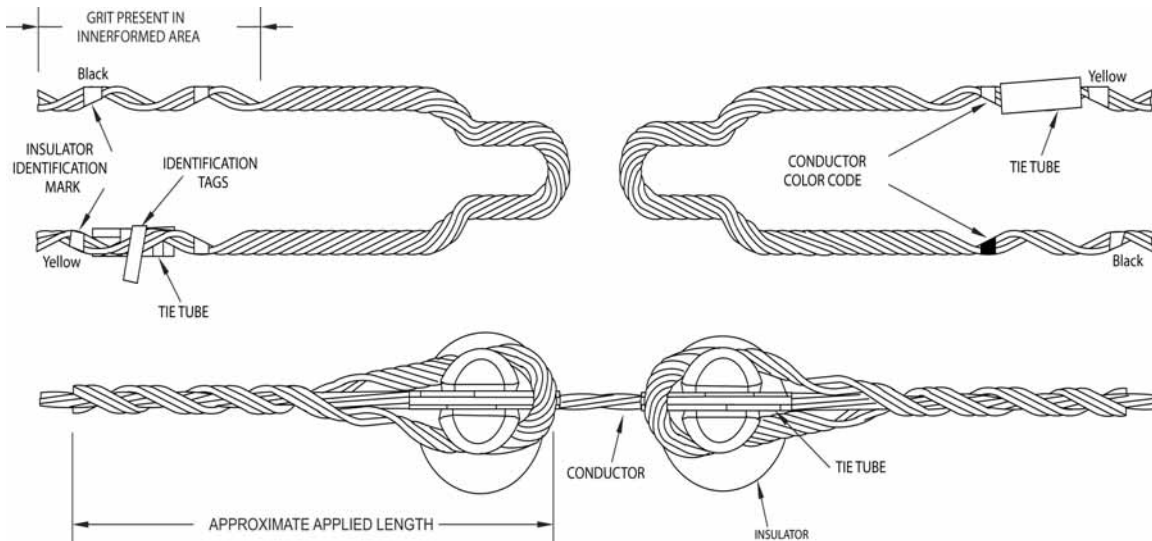
DOUBLE SUPPORT TIE FORMED WIRE INSULATOR TIE "C-NECK" & "F-NECK"

Double Side Ties are used in applications where the conductor is aligned to sit in the top groove of the insulator. This type of tie should not be used on line angles over 10 degrees with the insulator in a vertical orientation.

Fargo LDID series formed wire double support ties are designed for use with ACSR, AAC, AAAC, Compacted ACSR & AWAC®.

C-Neck (2-1/4" neck diameter) & F-Neck (2-7/8" neck diameter) interchangeable headstyle insulators.

Note: Consult factory for information on other applications.
Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius										
LDID0004	#4 (6/1) #4 (7/1)	#4 (7W)	#4 (7W)	0.245 (6.23)	0.277 (7.05)	50	11 (5.0)	13 (330)	"C" - BLACK "F" - YELLOW	ORANGE
LDID0001	#2 (6/1) #2 (7/1) #1 (6/1)	#2 (7W)	#2 (7W)	0.316 (8.03)	0.357 (9.08)	50	15 (6.8)	14 (356)	"C" - BLACK "F" - YELLOW	RED
LDID0010	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.358 (9.09)	0.405 (10.30)	50	16 (7.3)	14 (356)	"C" - BLACK "F" - YELLOW	YELLOW
LDID0040	4/0 (6/1)	4/0 (7W)	4/0 (7W)	0.521 (13.23)	0.588 (14.95)	50	23 (10.5)	17 (432)	"C" - BLACK "F" - YELLOW	RED
LDID0336	336.4 (18/1) 336.4 (26/7)	397.5 (19W) 400 (19W) 400 (37W)		0.666 (16.91)	0.755 (19.19)		28 (12.7)	18 (457)	"C" - BLACK "F" - YELLOW	BROWN
LDID0477	477 (18/1) 477 (24/7)	477 (19W) 477 (37W)		0.756 (19.2)	0.855 (21.73)	50	30 (13.6)	20 (568)	"C" - BLACK "F" - YELLOW	RED
5/8" Minimum Groove Radius										
LDID0556	636 (18/1) 477 (26/7) 477 (30/7)	556.5 (19W)		0.856 (21.74)	0.968 (24.6)	50	30 (13.6)	21 (533)	"C" - BLACK "F" - YELLOW	BLUE
3/4" Minimum Groove Radius										
LDID0795	795 (54/7) 715.5 (24/7)	795 (37W)		0.969 (24.61)	1.096 (27.84)	50	30 (13.6)	22 (762)	"C" - BLACK "F" - YELLOW	GREEN

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.
AWAC is a registered trademark of Copperweld Co.



DISTRIBUTION CONNECTORS

SECTION DA

SIDE TIE FORMED WIRE INSULATOR TIE "F-NECK"

ALUMINUM COATED STEEL
LLAF

DA
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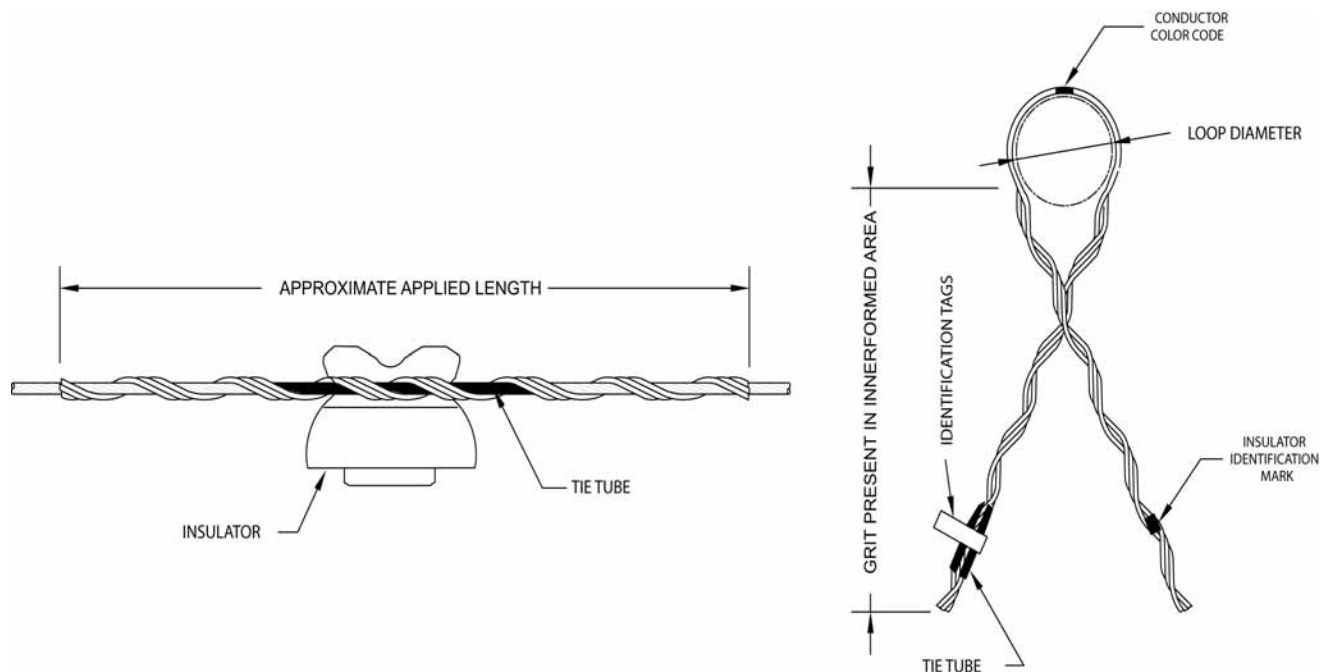
For securing bare and plastic covered conductor in the side groove of interchangeable headstyle insulators.

Fargo LLAf series formed wire distribution ties are designed for use with ACSR, AAC, AAAC, ACAR, Compacted ACSR & AWAC®.

F-Neck insulator: 2-7/8" neck diameter

Note: Consult factory for information on other applications.

Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius										
LLAF4550AS	#6 (6/1)	#4 (7W) C		0.190 (4.83)	0.215 (5.46)	100	16 (7.3)	16 (406)	YELLOW	BLUE
LLAF4551AS	#4 (6/1) #4 (7/1) C	#4 (7W)		0.216 (5.47)	0.244 (6.21)	100	17 (7.7)	17 (432)	YELLOW	BROWN
LLAF4552AS	#4 (6/1) #4 (7/1)		#4 (7W)	0.245 (6.23)	0.277 (7.05)	100	19 (8.6)	19 (483)	YELLOW	ORANGE
LLAF4553AS		#2 (7W)	#3 (7W)	0.278 (7.06)	0.315 (8.01)	50	12 (5.5)	21 (533)	YELLOW	PURPLE
LLAF4554AS	#2 (6/1) #2 (7/1) #1 (6/1)	#2 (7W)	#2 (7W)	0.316 (8.03)	0.357 (9.08)	50	17 (7.7)	24 (610)	YELLOW	RED
LLAF4555AS	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.358 (9.09)	0.405 (10.30)	50	17 (7.7)	26 (660)	YELLOW	YELLOW

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

"C" indicates Compact stranding.

Add "NT" suffix for no tie tube (Pad). Example: LLAf4555ASNT.

DISTRIBUTION CONNECTORS



**SIDE TIE
FORMED WIRE
INSULATOR TIE "F-NECK" (CONTINUED)**

**DA
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CATALOG NUMBER	NOMINAL CONDUCTOR SIZE			DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	INSULATOR IDENT. MARK	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	MIN.	MAX.	UNITS	WT. LBS (KG)			
9/16" Minimum Groove Radius Continued										
LLAF4556AS	2/0 (6/1)	2/0 (7w)	2/0 (7w)	0.406 (10.31)	0.459 (11.67)	50	21 (9.5)	28 (711)	YELLOW	BLUE
LLAF4557AS	3/0 (6/1)	3/0 (7W)	3/0 (7W)	0.460 (11.68)	0.520 (13.21)	50	22 (10.0)	30 (762)	YELLOW	ORANGE
LLAF4558AS	4/0 (6/1)	4/0 (7W)	4/0 (7W)	0.521 (13.23)	0.588 (14.95)	50	24 (10.9)	32 (813)	YELLOW	RED
LLAF4559AS	266.8 (18/1)	266.8 (37W) 336.4 (19W)		0.589 (14.96)	0.665 (16.95)	50	24 (10.9)	23 (584)	YELLOW	PURPLE
LLAF4560AS	336.4 (18/1)	336.4 (37W) 397.5 (19W) 400 (19W) 400 (37W)		0.666 (16.91)	0.755 (19.19)	50	33 (15.0)	25 (635)	YELLOW	BROWN
LLAF4561AS	477 (18/1) 477 (24/7)	477 (19W) 477 (37W)		0.756 (19.20)	0.855 (21.73)	50	30 (13.6)	26 (660)	YELLOW	RED
5/8" Minimum Groove Radius										
LLAF4562AS	636 (18/1)	556.5 (19W) 700 (37W) 700 (61W)		0.856 (21.74)	0.968 (24.60)	50	36 (16.4)	28 (711)	YELLOW	BLUE
11/16" Minimum Groove Radius										
LLAF4563AS	715.5 (24/7) 795 (54/7)	795 (37W) 795 (61W)		0.969 (24.61)	1.096 (27.85)	50	36 (16.4)	29 (737)	YELLOW	GREEN

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

"C" indicates Compact stranding.

Add "NT" suffix for no tie tube (Pad). Example: LLAF4555ASNT.



DISTRIBUTION CONNECTORS

SECTION DA

SPOOL TIE FORMED WIRE SPOOL INSULATOR TIE

ALUMINUM ALLOY

LRO

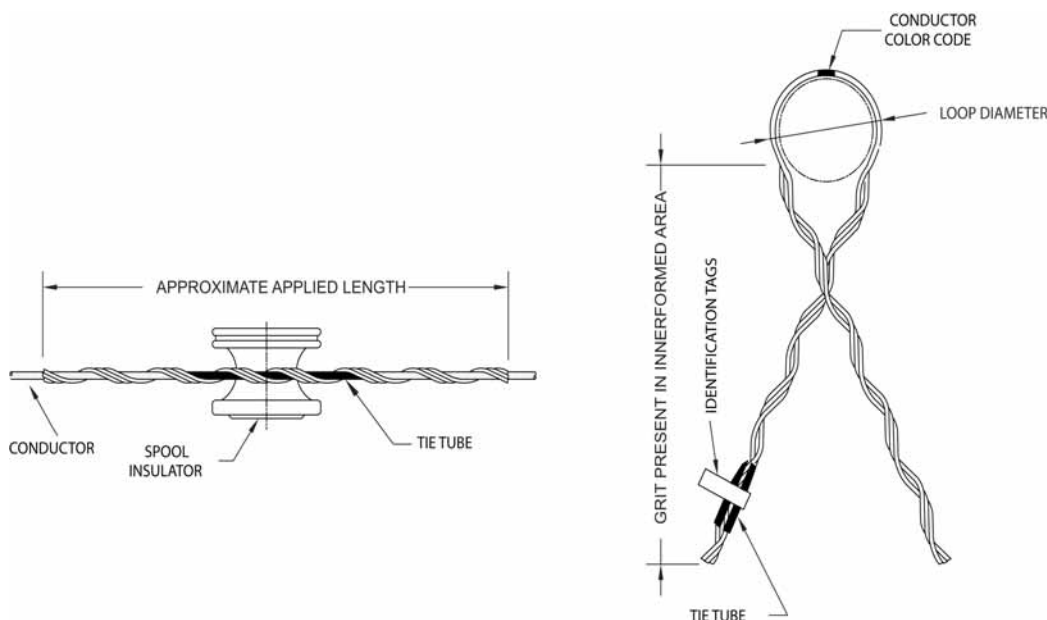
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Spool Ties are used in applications where the spool insulator is mounted either horizontal or vertically and the conductor is aligned to sit in the groove of the insulator.

Fargo LRO series formed wire spool ties are designed for use with ACAR, ACSR, AAC, AAAC, Compacted ACSR & AWAC®.

For 1-3/4" neck diameter interchangeable headstyle insulators.

Note: Consult factory for information on other applications.
Right hand lay standard.



CATALOG NUMBER	NOMINAL CONDUCTOR SIZE				DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	PLASTIC JACKETED	MIN.	MAX.	UNITS	WT. LBS (KG)		
LRO4006AS	#4 (6/1) #4 (7/1)	#4 (7W)	#4 (7W)	#6 (7W) 2/64s #6 Solid 3/64s #6 (6/1) 2/64s	0.245 (6.22)	0.277 (7.05)	100	16 (7.3)	19 (483)	ORANGE
LRO4010AS		#2 (7W)	#3 (7W)	#6 (6/1) 3/64s #4 Solid 3/64s #4 (6/1) 2/64s	0.278 (7.06)	0.315 (8.00)	100	17 (7.7)	21 (533)	PURPLE
LRO4012AS	#1 (6/1) #2 (6/1) #2 (7/1)	#2 (7W)	#2 (7W)	#4 (6/1) 3/64s #4 (7/1) 3/64s #2 (7W) 3/64s	0.316 (8.03)	0.357 (9.08)	100	23 (10.5)	24 (610)	RED
LRO4018AS	1/0 (6/1)	1/0 (7W)	1/0 (7W)	#3 (7W) 4/64s #2 (7W) 3/64s #4 (7W) 5/64s	0.358 (9.09)	0.405 (10.29)	100	24 (10.9)	26 (660)	YELLOW
LRO4020AS	2/0 (6/1)	2/0 (7W)	2/0 (7W)	#2 (6/1) 3/64s #2 (7W) 4/64s #1 (7W) 4/64s	0.406 (10.31)	0.459 (11.67)	100	28 (12.7)	28 (711)	BLUE

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

Add "NT" suffix for no tie tube (Pad). Example: LRO4018ASNT.

DISTRIBUTION CONNECTORS



**SPOOL TIE
FORMED WIRE
SPOOL INSULATOR TIE (CONTINUED)**

DA
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CATALOG NUMBER	NOMINAL CONDUCTOR SIZE				DIAMETER RANGE		PACKAGING PER BOX		APPLIED LENGTH	CONDUCT. COLOR CODE
	ACSR	AAC	AAAC	PLASTIC JACKETED	MIN.	MAX.	UNITS	WT. LBS (KG)		
LRO4022AS	3/0 (6/1)	3/0 (7W)	3/0 (7W)	#4 (7W) 8/64s #1 (6/1) 4/64s #1 (7W) 5/64s #1 (19W) 5/64s 1/0 (7W) 4/64s	0.460 (11.68)	0.520 (13.21)	100	32 (14.5)	31 (787)	ORANGE
LRO4024AS	4/0 (6/1)	4/0 (7W)	4/0 (7W)	1/0 (6/1) 4/64s 1/0 (7W) 5/64s 2/0 (7W) 4/64s 1/0 (6/1) 5/64s	0.521 (13.23)	0.588 (14.94)	50	18 (457)	32 (813)	RED
LRO4025AS	266.8 (18/1)	266.8 (37W)	266.8 (37W)	3/0 (7W) 4/64s 3/0 (19W) 4/64s 3/0 (6/1) 4/64s 4/0 (7W) 4/64s 4/0 (19W) 4/64s 3/0 (6/1) 5/64s	0.589 (14.96)	0.665 (16.89)	50	19 (8.6)	23 (584)	PURPLE
LRO4027AS	336.4 (18/1)	336.4 (19W) 397.5 (19W) 400 (19W) 400 (37W)	336.4 (19W) 397.5 (19W) 400 (19W) 400 (37W)	4/0 (7W) 5/64s 3/0 (6/1) (6/64s 4/0 (6/1) 5/64s 266.8 (19W) 5/64s	0.666 (16.91)	0.755 (19.20)	50	24 (10.9)	25 (635)	BROWN
LRO4030AS	477 (18/1) 477 (24/7)	477 (19W) 477 (37W) 556.5 (19W)	477 (19W) 477 (37W) 556.5 (19W)	266.8 (18/1) 5/64s 336.4 (19W) 4/64s 336.4 (37W) 6/64s	0.756 (19.20)	0.858 (21.80)	50	25 (11.4)	26 (660)	RED
LRO4031AS	636 (18/1)	700 (37W) 700 (61W)	700 (37W) 700 (61W)	336.4 (19W) 8/64s 350 (37W) 6/64s 450 (37W) 5/64s 477 (37W) 5/64s	0.859 (21.82)	0.968 (24.59)	50	26 (11.8)	28 (711)	BLUE

ALL DIMENSIONS: INCHES (MM) UNLESS OTHERWISE NOTED.

AWAC is a registered trademark of Copperweld Co.

Add "NT" suffix for no tie tube (Pad). Example: LRO4018ASNT.



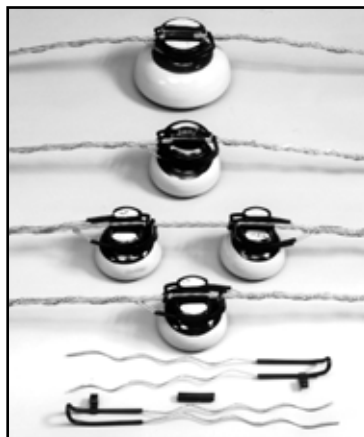
DISTRIBUTION CONNECTORS

SECTION DA

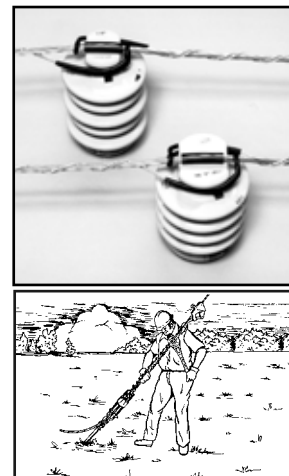
SUPER TOP-TIE LINE TIES FOR PIN, POST AND SPOOL INSULATORS

Made of aluminum-clad steel compatible with aluminum, aluminum-alloy and ACSR conductors in the top grooves of vertical-mounted *ANSI Class C, F, J and many non-standard pin and post insulators (single- or double-support) or on *ANSI 53-2 spool insulators (horizontal or vertical).

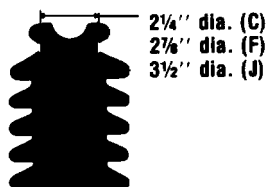
High-density polyethylene hooks provide the wide application range and ensure proper installation. If used over armor rods (not required), select tie size based on total conductor/armor diameter. Semiconductive-rubber pad and high-density polyethylene on loops protect against abrasion of insulator, conductor and tie. Fit is resilient and provides superior performance under galloping and aeolian vibration. Install by hand or with hot-line tools.



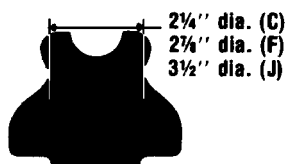
ALUMINUM COATED STEEL
STT



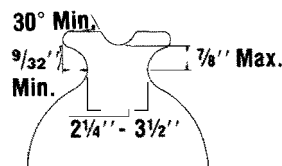
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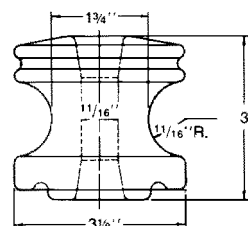
**POST
INSULATOR**



**PIN
INSULATOR**



**NON-STANDARD
INSULATOR**



**ANSI 53-2
SPOOL**

*Super Top-Tie STT10 — STT130 also fit many foreign or reclaimed pin and post insulators with neck sizes 2-1/4" - 3-1/2".

Consult Hubbell Power Systems, Inc. for use on pins and posts outside these dimensions.

CATALOG NUMBER	ALUMINUM-TYPE CONDUCTORS, TYPICAL SIZES			DIAMETER RANGE IN. (CM)		CONDUCT. COLOR CODE	STD. PKG.	WT. PER 100, LB. (KG)
	ACSR	AAC	AAAC	MIN.	MAX.			
STT10	#6 (6/1)	#6 (7W)	#6 (7W)	0.184 (4.67)	0.220 (5.59)	NONE	50	28 (12.7)
STT20	#4 (6/1)	#4 (7W)	#4 (7W)	0.221 (5.61)	0.257 (6.53)	ORANGE	50	28 (12.7)
STT30	#3 (6/1)	#3 (7W)	#3 (7W)	0.258 (6.55)	0.289 (7.34)	PURPLE	50	28 (12.7)
STT40	#2 (6/1)	#2 (7W)	#2 (7W)	0.290 (7.37)	0.325 (8.26)	RED	50	28 (12.7)
STT50	#1 (6/1)	#1 (7W)	#1 (7W)	0.326 (8.28)	0.360 (9.14)	GRAY	50	28 (12.7)
STT60	1/0 (6/1)	1/0 (7W)	1/0 (7W)	0.361 (9.17)	0.409 (10.39)	YELLOW	50	32 (14.5)
STT70	2/0 (6/1)	2/0 (7W)	2/0 (7W)	0.410 (10.41)	0.460 (11.68)	BLUE	50	32 (14.5)
STT80	3/0 (6/1)	3/0 (7W)	3/0 (7W)	0.461 (11.71)	0.516 (13.11)	BLACK	50	32 (14.5)
STT90	4/0 (6/1)	4/0 (7W)	4/0 (7W)	0.517 (13.13)	0.584 (14.83)	PINK	50	32 (14.5)
STT100	266.8 (18/1)	266.8 (19W)	266.8 (19W)	0.585 (14.86)	0.664 (16.87)	GREEN	50	32 (14.5)
STT110	336.4 (18/1)	336.4 (19W)	336.4 (19W)	0.665 (16.89)	0.755 (19.18)	BROWN	50	40 (18.1)
STT120	477 (18/1)	477 (19W)	477 (19W)	0.756 (19.20)	0.859 (21.82)	VIOLET	50	40 (18.1)
STT130	556.5 (18/1)	636 (37W)	556.5 (19W)	0.860 (21.84)	0.977 (24.82)	GOLD	50	40 (18.1)

LEFT-HAND LAY STANDARD

- Applied Length: 29" - 48" (Depends on insulator make and conductor size).
- Strength: Exceeds Rule 261E.2(A) of National Electrical Safety Code.
- RUS accepted.