

REV. 04/19



DISTRIBUTION CONNECTORS

CORE CATALOG





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DEADENDS BOLTED STRAIGHT-LINE SPRING-LOADED SIDE OPENING ALUMINUM

ALUMINUM
ASOD

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.

NOTE: FOR CONDUCTOR SIZES NOT SHOWN IN CATALOG, CONTACT FIELD OFFICE
Sockets and Clevises - Ductile Iron, Galvanized
Spring and Cotter Pin - Stainless Steel

Material: **Body and Keeper** - 356-T6 Aluminum Alloy
Hardware - Galvanized Steel

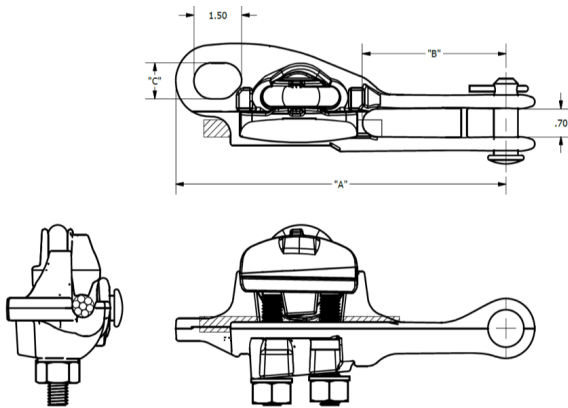


Fig. 1

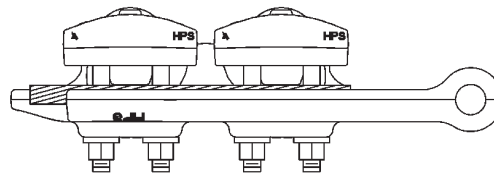
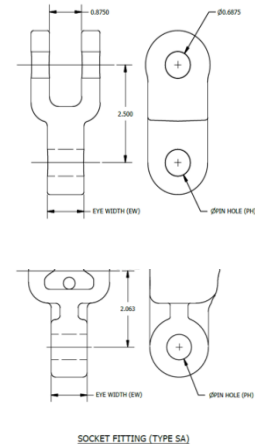


Fig. 2



CLEVIS FITTING
(TYPE CA)

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE				U-BOLTS (MM)		ULTIMATE STRENGTH (MM)		DIMENSIONS (MM)			FIGURE
		CONDUCTOR RANGE		DECIMAL RANGE (MM)						A	B	C	
		MIN	MAX	MIN	MAX	NO.	SIZE	BODY	SAG EYE				
ASOD3981N	AL	#4 (7)	2/0 (19)	0.19 (5.00)	0.48 (12.00)	1	3/8	6,000 (26.69)	6,000 (26.69)	8.00 (203.20)	3.62 (92.08)	1.00	FIG 1
	ACSR	#6 (6/1)	2/0 (6/1)										
ASOD5701N	AL	#4 (7)	4/0 (19)	0.19 (5.00)	0.57 (14.00)	1	1/2	8,000 (35.58)	8,000 (35.58)	8.62 (218.95)	3.75 (95.25)	1.00	FIG 1
	ACSR	#6 (6/1)	4/0 (6/1)										
ASOD6841N	AL	#2 (7)	350 (37)	0.25 (6.00)	0.69 (18.00)	1	1/2	8,000 (35.58)	8,000 (35.58)	9.00 (228.60)	4.50 (114.30)	1.00	FIG 1
	ACSR	#4 (6/1)	336.4 (18/1)										
ASOD8581N	AL	#2 (7)	556.5 (37)	0.25 (6.00)	0.89 (22.00)	1	1/2	8,000 (35.58)	6,000 (26.69)	9.62 (247.65)	4.74 (120.65)	1.00	FIG 1
	ACSR	#4 (6/1)	556.5 (18/1)										
ASOD8582N	AL	4/0 (7)	556.5 (37)	0.5 (13.00)	0.89 (22.00)	2	1/2	12,000 (40.03)	9,000 (40.03)	14.50 (368.30)	6.00 (152.40)	1.00	FIG 2
	ACSR	3/0 (6/1)	556.5 (18/1)										
ASOD11602N	AL	350 (37)	954 (61)	0.69 (18.00)	1.16 (29.00)	2	1/2	12,000 (53)	9,000 (40.03)	16.75 (425.45)	7.75 (196.85)	1.50 (38.10)	FIG 2
	ACSR	336.4 (18/1)	900 (54/7)										

ADD GP FOR TIN PLATING
 ADD "C" FOR CLEVIS FITTING, "S" FOR SOCKET FITTING
 ADD "O" FOR SHEAR NUT (ASOD3981N ONLY)



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 nonferrous construction

NOTE: FOR CONDUCTOR SIZES NOT SHOWN IN CATALOG, CONSULT FACTORY

- 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

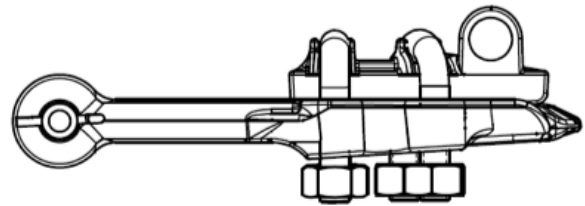
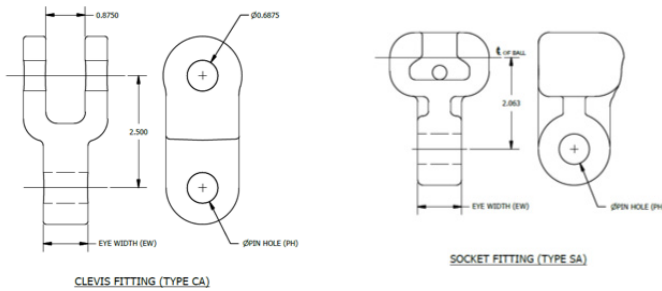
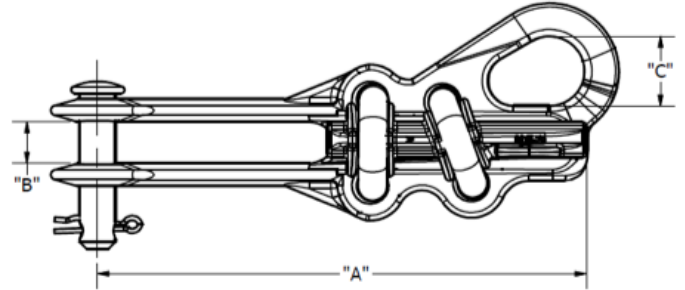


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE				U-BOLTS (MM)		ULTIMATE STRENGTH (MM)		DIMENSIONS (MM)		
		CONDUCTOR RANGE		DECIMAL RANGE (MM)		NO.	SIZE	BODY	SAG EYE	A	B	C
		MIN	MAX	MIN	MAX							
BDE46N	CU	#6 SOL	4/0 SOL	0.16 (4.06)	0.46 (11.68)	2	3/8 (9.53)	6,000 (26.69)	-	7.25 (184.15)	0.75 (19.05)	0.875 (22.23)
BDE60N	CU	2/0 SOL	250 MCM	0.36 (9.14)	0.60 (15.24)	2	1/2 (12.70)	8,000 (35.58)	-	8.75 (222.25)	0.75 (19.05)	0.875 (22.23)
BDE70N	CU	4/0 SOL	350 MCM	0.46 (11.68)	0.70 (17.78)	2	1/2 (12.70)	8,000 (35.58)	-	10.75 (273.05)	0.75 (19.05)	0.9375 (23.81)



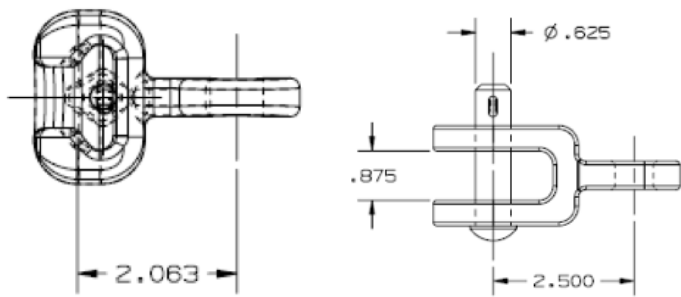
DEADENDS BOLTED QUADRANT STRAIN CLAMP FERROUS

DUCTILE IRON
MD

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



SOCKET FITTING
TYPE SA

CLEVIS FITTING
TYPE CA

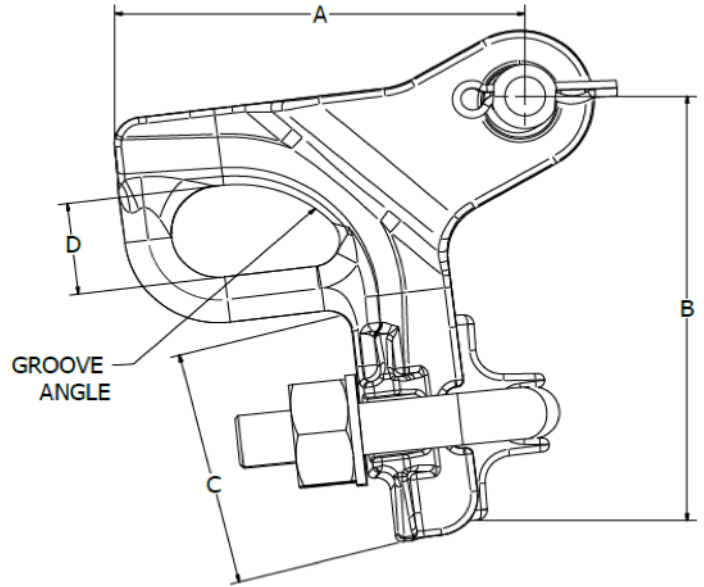


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE				U-BOLTS (MM)		ULTIMATE STRENGTH (MM)		DIMENSIONS (MM)				GROOVE ANGLE
		CONDUCTOR RANGE		DECIMAL RANGE (MM)		NO.	SIZE	BODY	SAG EYE	A	B	C	D	
		MIN	MAX	MIN	MAX									
MD52N	ACSR	#6 (6/1)	4/0 (6/1)	0.16 (4.06)	0.563 (14.30)	1	1/2 (12.70)	12,000 (53)	-	3.8125 (96.85)	4.0937 (103.89)	2.375 (54.10)	0.9375 (28.81)	97°
	Steel	3/16"	1/2"											
	CU	#6 SOL	4/0 STR											



DEADENDS BOLTED QUADRANT STRAIN CLAMP ALUMINUM

ALUMINUM
PG

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

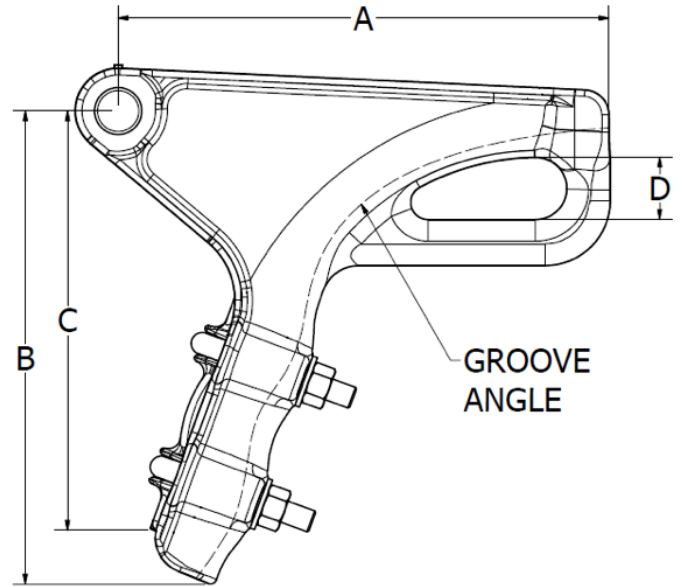
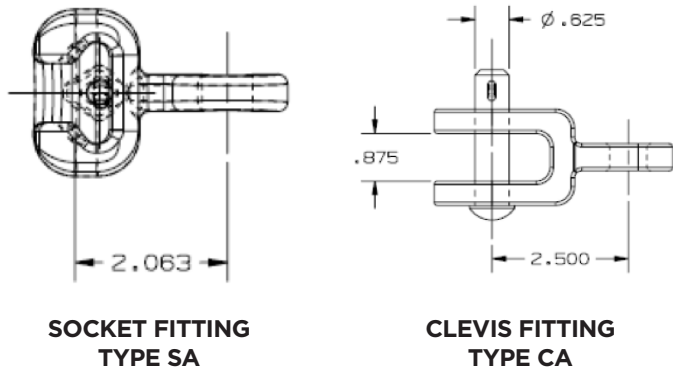


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE				U-BOLTS (MM)		ULTIMATE	DIMENSIONS (MM)				GROOVE ANGLE
		CONDUCTOR RANGE		DECIMAL RANGE (MM)		NO.	SIZE		BODY	A	B	C	
		MIN	MAX	MIN	MAX								
PG46N	AL	#6 (7)	3/0 (19)	0.18 (4.57)	0.52 (13.21)	2	3/8 (9.53)	8,000 (35.58)	4.0625 (103.19)	.6875 (17.46)	4.75 (120.65)	1.00 (25.40)	97°
	ACSR	#6 (6/1)	3/0 (6/1)										
PG57N	AL	#3 (7)	4/0 (19)	0.25 (6.35)	0.57 (14.48)	2	1/2 (12.70)	10,000 (44.48)	5.50 (139.70)	.6875 (17.46)	5.3125 (134.93)	1.00 (25.40)	90°
	ACSR	#4 (6/1)	4/0 (6/1)										
PG70N	AL	3/0 (7)	400 (37)	0.46 (11.68)	0.73 (18.54)	2	1/2 (12.70)	15,000 (66.72)	6.4375 (163.51)	.7812 (19.84)	7.00 (177.80)	1.125 (28.58)	85°
	ACSR	101.8 (12/7)	336.4 (26/7)										
PG86LN	AL	4/0 (7)	556.5 (37)	0.52 (13.21)	0.88 (22.35)	2	1/2 (12.70)	15,000 (66.72)	6.5625 (166.69)	1.0625 (26.99)	7.4375 (188.92)	1.00 (25.40)	70°
	ACSR	134.6 (12/7)	556.5 (18/1)										
PG100N	AL	4/0 (7)	750 (61)	0.50 (12.70)	1.00 (25.40)	2	1/2 (12.70)	18,000 (80.07)	9.875 (250.83)	1.1875 (30.16)	9.3125 (236.54)	1.25 (31.75)	60°
	ACSR	3/0 (6/1)	666.6 (24/7)										



DEADENDS AUTOMATIC OVERHEAD SIDE-OPENING WEDGE ALUMINUM

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: All bolted deadends are rated 40% of RBS - Partial tension per ANSI C119.4”
For conductor sizes not shown in catalog, consult factory
FOR CONDUCTOR SIZES NOT SHOWN IN CATALOG, CONSULT FACTORY

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

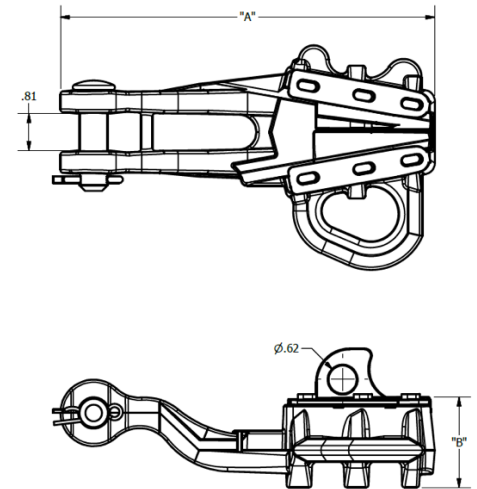


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE				U-BOLTS (MM)		ULTIMATE STRENGTH (MM)		DIMENSIONS (MM)		
		CONDUCTOR RANGE		DECIMAL RANGE (MM)		NO.	SIZE	BODY	SAG EYE	A	B	C
		MIN	MAX	MIN	MAX							
GDW2010	AL	#4	2/0	0.23 (5.80)	0.45 (11.40)	-	-	6,000 (26.69)	4,000 (17.79)	7.50 (190.5)	2.00 (50.80)	4.50 (114.3)
	ACSR											
	CU											
GDW2040	AL	#4	4/0	0.23 (5.80)	0.57 (14.50)	-	-	8,000 (35.58)	6,000 (26.69)	8.00 (203.20)	2.00 (50.80)	4.90 (124.46)
	ACSR											
	CU											



DEADENDS AUTOMATIC ALUMINUM

ALUMINUM
GD400

- 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.

Note: For neoprene covered Flex or Semi-flex bail add suffix "N".
 Example GD402AN
 Add suffix "TA" for pulling eye.
 Example GD4442ATA (Fig #1)
 FOR CONDUCTOR SIZES NOT SHOWN IN CATALOG, CONSULT FACTORY

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

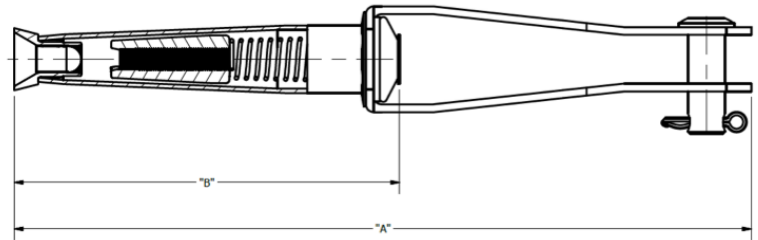


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	BAIL TYPE	COLOR CODE	CONDUCTOR TYPE	CONDUCTOR SIZE	DECIMAL RANGE (MM)		DIMENSIONS (MM)		
					MIN	MAX	A	B	
GD442A	CLEVIS	ORANGE	AL	AAC	#4	0.225 (5.72)	0.25 (6.35)	11.00 (279)	5.00 (127)
			AAAC						
			ACSR						
GD4442A	CLEVIS	RED-ORANGE	AL	AAC	#4 - #2	0.22 (5.58)	0.32 (8.13)	12.90 (328)	7.0 (178)
			AAAC						
			ACSR						
GD446A	CLEVIS	YELLOW	AL	AAC	1/0	0.355 (9)	0.400 (10)	12.3 (312)	6.4 (162)
			AAAC						
			ACSR						
GD447	CLEVIS	GRAY	AL	AAC	2/0	0.400 (10)	0.47 (11.9)	17.8 (452)	9.3 (236)
			AAAC						
			ACSR						
GD448	CLEVIS	BLACK	AL	AAC	3/0	0.45 (11.3)	0.53 (13.4)	18.9 (480)	10.0 (254)
			AAAC						
			ACSR						
GD449A	CLEVIS	PINK	AL	AAC	4/0	0.505 (13)	0.595 (15)	17.5 (444)	9.0 (229)
			AAAC						
			ACSR						

DEADENDS AUTOMATIC COPPER

COPPER
GD500

- 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.

NOTE: FOR CONDUCTOR SIZES NOT SHOWN IN CATALOG, CONSULT FACTORY

- Material:**
- Shell** - High Strength Copper Alloy
 - Jaws** - Copper Alloy
 - Clevis Bail** - Galvanized Steel
 - Z Bail** - Stainless Steel, Formed Wire
 - Flex Bail** - Braided Stainless Steel

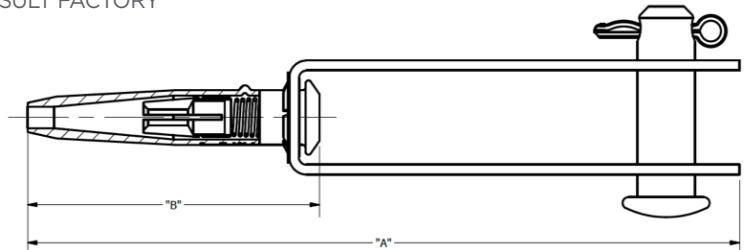


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	BAIL TYPE	CONDUCTOR TYPE	CONDUCTOR SIZE	DECIMAL RANGE (MM)		DIMENSIONS (MM)		
				MIN	MAX	A	B	
GD511	CLEVIS	CU	SOL	6	0.16 (4.0)	0.17 (4.3)	6.70 (170)	3.8 (97)
			STR					
			CW					
GD512	CLEVIS	CU	SOL	4	0.19 (4.8)	0.2 (5.1)	6.9 (175)	3.8 (97)
			STR					
			CW					
GD513	CLEVIS	CU	SOL	3	0.22 (5.6)	0.23 (5.8)	6.9 (175)	3.8 (97)
			STR					
			CW					
GD514	CLEVIS	CU	SOL	2	0.25 (6.4)	0.26 (6.6)	8.6 (218)	4.9 (124)
			STR					
			CW					
GD515	CLEVIS	CU	SOL	1	0.28 (7.1)	0.29 (7.4)	8.9 (226)	5.0 (127)
			STR					
			CW					
GD516	CLEVIS	CU	SOL	1/0	0.32 (8.1)	0.33 (8.4)	9.0 (229)	5.0 (127)
			STR					
			CW					
GD517	CLEVIS	CU	SOL	2/0	0.36 (9.1)	0.37 (9.4)	9.5 (241)	5.0 (127)
			STR	1/0				
			CW	2A				
GD518	CLEVIS	CU	SOL	3/0	0.40 (10.2)	0.41 (10.4)	9.4 (239)	4.9 (124)
			STR	2/0				
			CW	-				
GD519	CLEVIS	CU	SOL	4/0	0.45 (11.4)	0.46 (11.7)	10.9 (277)	5.5 (140)
			STR	3/0				
			CW	-				
GD520	CLEVIS	CU	SOL	-	0.52 (13.2)	0.53 (13.5)	11.0 (279)	5.6 (142)
			STR	4/0				
			CW	-				
GD521	CLEVIS	CU	SOL	-	0.57 (14.5)	0.58 (14.7)	11.1 (282)	5.6 (142)
			STR	250 KCMIL				
			CW	-				
GD523	CLEVIS	CU	SOL	-	0.62 (15.7)	0.63 (16)	13.8 (351)	7.2 (183)
			STR	300 KCMIL				
			CW	-				



DEADENDS AUTOMATIC GUY WIRE

GALVANIZED STEEL
GD5200

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

Rating: 90% of conductor breaking strength

Note: Consult factory for information on other applications.

Material: **Gripping Unit** – Stainless Steel
Yoke – Aluminum Alloy
Bail – Stainless Steel

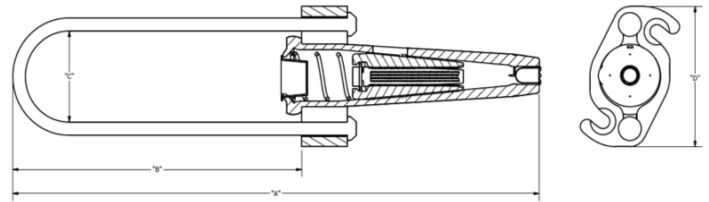


Fig. 1

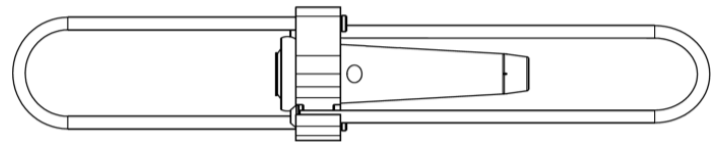


Fig. 2

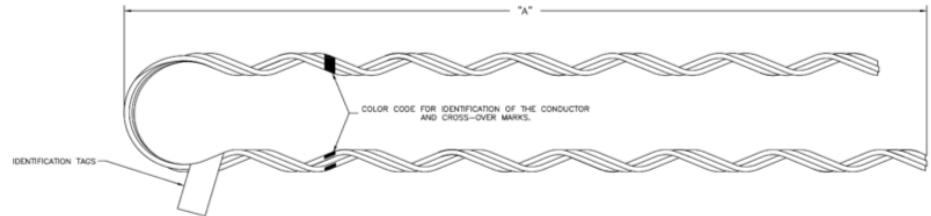
Product Data

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					MIN	MAX	A	B	C	D
GDE5200	SS	STEEL	EHS AW	1/4" 7#13 (6M)	0.215 (5.46)	0.27 (6.86)	10 (254)	5.4 (137)	1.6 (41)	2.7 (69)
GDE5201	SS	STEEL	EHS AW	5/16" 7#10 (10M), 7#11 (8M)	0.27 (6.86)	0.315 (8.00)	10 (254)	5.3 (135)	1.8 (46)	2.8 (71)
GDE5202	SS	STEEL	EHS AW AWAC	3/8" 3#5, 7#8, 7#9, 12.5M, 14M, 16M #4-2/5, #2-3/4 #1-5/2	0.325 (8.26)	0.392 (9.96)	11.8 (300)	5.7 (145)	2.2 (43)	3.5 (89)
GDE5203	SS	STEEL	EHS AW AWAC	7/16" 7#7 (20M), 18M #2-2/5, #3-3/4, #1/0-5/2	0.392 (9.96)	0.458 (11.63)	14.6 (371)	8.5 (216)	2.8 (70)	3.5 (89)
GDE5204	SS	STEEL	EHS AW AWAC	1/2" 25M #1-2/5, #1/0-3/4, #2/0-5/2, #2/0-4/3	0.455 (11.56)	0.52 (13.21)	16 (406)	10.3 (262)	2.1 (53)	4.1 (104)

DEADENDS FORMED WIRE SERVICE GRIP

ALUMINUM
SGFW

- 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 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.

Fig. 1

Product Data

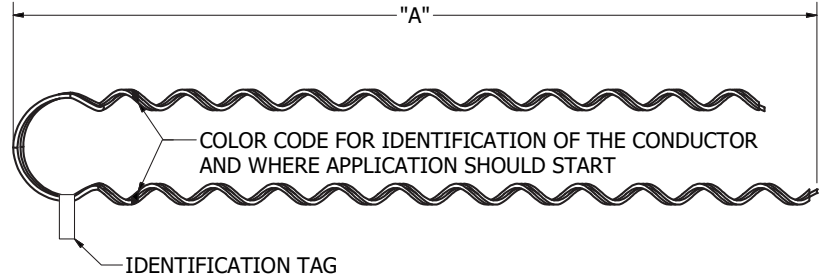
CATALOG NUMBER / CUSTOMER PART NO	BAIL TYPE	COLOR CODE	CONDUCTOR TYPE		CONDUCTOR SIZE	DECIMAL RANGE (MM)		DIMENSIONS (MM)
						MIN	MAX	A
SGFW4500	-	BLUE	AL	AAC	#6 (7)	0.169 (4.293)	0.198 (5.029)	11 (279)
	-		AL	AAAC	#6 (7)			
	-		AL	ACSR	#6 (6/1)			
	-		AL	COMP ACSR	#6 (6/1), #6 (7), #5 SOL			
SGFW4501	-	WHITE	AL	AAC	#4 SOL	0.199 (5.055)	0.224 (5.690)	12 (305)
	-		AL	AAAC	#5 (7)			
	-		AL	ACSR	#5 (6/1)			
	-		AL	COMP ACSR	#4 (7), #4 SOL			
SGFW4502	-	ORANGE	AL	AAC	#4, 7W	0.225 (5.715)	0.257 (6.528)	13 (330)
	-		AL	AAAC	#4 (7)			
	-		AL	ACSR	#4 (6/1), (7/1)			
	-		AL	COMP ACSR	#4 (6/1), (7/1)			
SGFW4503	-	BLACK	AL	AAC	#3 (7)	0.258 (6.553)	0.289 (7.341)	14 (356)
	-		AL	AAAC	#3 (7)			
	-		AL	ACSR	#3 (6/1)			
	-		AL	COMP ACSR	#3 (6/1), #2 (7), #2 SOL, #1 SOL			
SGFW4504	-	RED	AL	AAC	#2 (7)	0.29 (7.366)	0.325 (8.255)	15 (381)
	-		AL	AAAC	#2 (7)			
	-		AL	ACSR	#2 (6/1), (7/1)			
	-		AL	COMP ACSR	#2 (7)			
SGFW4505	-	GREEN	AL	AAC	#1 (7)	0.326 (8.280)	0.36 (9.144)	17 (432)
	-		AL	AAAC	#1 (7)			
	-		AL	ACSR	#1 (6/1)			
	-		AL	COMP ACSR	#1 (6/1), 1/0 (7), 1/0 (19)			
SGFW4506	-	YELLOW	AL	AAC	1/0 (7)	0.361 (9.170)	0.4 (10.160)	19 (483)
	-		AL	AAAC	1/0 (7)			
	-		AL	ACSR	1/0 (6/1)			
	-		AL	COMP ACSR	1/0 (7)			
SGFW4507	-	BLUE	AL	AAC	2/0 (7)	0.401 (10.185)	0.45 (11.430)	21 (533)
	-		AL	AAAC	2/0 (7)			
	-		AL	ACSR	2/0 (6/1)			
	-		AL	COMP ACSR	2/0 (7)			
SGFW4508	-	ORANGE	AL	AAC	3/0 (7)	0.451 (11.455)	0.510 (12.954)	23 (584)
	-		AL	AAAC	3/0 (7)			
	-		AL	ACSR	3/0 (6/1)			
	-		AL	COMP ACSR	3/0 (7), 4/0 (7), 4/0 (19)			
SGFW4509	-	RED	AL	AAC	4/0 (7)	0.511 (12.979)	0.58 (14.732)	26 (660)
	-		AL	AAAC	4/0 (7)			
	-		AL	ACSR	4/0 (6/1)			
	-		AL	COMP ACSR	4/0 (6/1)			



DEADENDS FORMED WIRE DISTRIBUTION GRIP

ALUMINUM
DGFW

- 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 and AWAC*.
- DGFW deadends will hold a minimum of 60% of the cable (RBS) rated breaking strength..



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

Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	COLOR CODE	CONDUCTOR TYPE		CONDUCTOR SIZE	DECIMAL RANGE (MM)		DIMENSIONS (MM)
					MIN	MAX	A
DGFW4554 _____	BLUE	AL	AAC	#6, 7W	0.182 (4.623)	0.203 (5.156)	16 (406)
		AL	AAAC	#6, 7W			
		AL	ACSR	#6 (6/1)			
		AL	COMP ACSR	#6 (6/1)			
		AL	AWAC	-			
DGFW4541 _____	ORANGE	AL	AAC	#4, 7W	0.229 (5.814)	0.257 (6.528)	16.9 (429)
		AL	AAAC	#4, 7W			
		AL	ACSR	#4 (6/1), (7/1)			
		AL	COMP ACSR	#4 (6/1)			
		AL	AWAC	#4 (6/1)			
DGFW4542 _____	RED	AL	AAC	#2, 7W	0.29 (7.366)	0.325 (8.255)	24 (610)
		AL	AAAC	#2, 7W			
		AL	ACSR	#2 (6/1), (7/1)			
		AL	COMP ACSR	#2 (6/1)			
		AL	AWAC	#2 (6/1), #3 (5/2)			
DGFW4544 _____	YELLOW	AL	AAC	1/0, 7W	0.365 (9.271)	0.409 (10.389)	26.4 (671)
		AL	AAAC	1/0, 7W			
		AL	ACSR	1/0 (6/1)			
		AL	COMP ACSR	1/0 (6/1)			
		AL	AWAC	1/0 (6/1), #1 (5/2)			
DGFW4545 _____	BLUE	AL	AAC	2/0, 7W	0.41 (41.414)	0.46 (11.684)	27.9 (709)
		AL	AAAC	2/0, 7W			
		AL	ACSR	2/0 (6/1)			
		AL	COMP ACSR	2/0 (6/1)			
		AL	AWAC	2/0 (6/1), 1/0 (5/2)			
DGFW4546 _____	ORANGE	AL	AAC	3/0, 7W	0.461 (11.709)	0.516 (13.106)	32.5 (826)
		AL	AAAC	3/0, 7W			
		AL	ACSR	3/0 (6/1)			
		AL	COMP ACSR	3/0 (6/1)			
		AL	AWAC	3/0 (6/1), 2/0 (5/2)			
DGFW4547 _____	RED	AL	AAC	4/0, 7W	0.517 (13.132)	0.577 (14.656)	34 (864)
		AL	AAAC	4/0, 7W			
		AL	ACSR	4/0 (6/1)			
		AL	COMP ACSR	4/0 (6/1)			
		AL	AWAC	4/0 (6/1), 3/0 (5/2)			

DEADENDS FORMED WIRE GUY WIRE

GALVANIZED STEEL
FWDE

- 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.

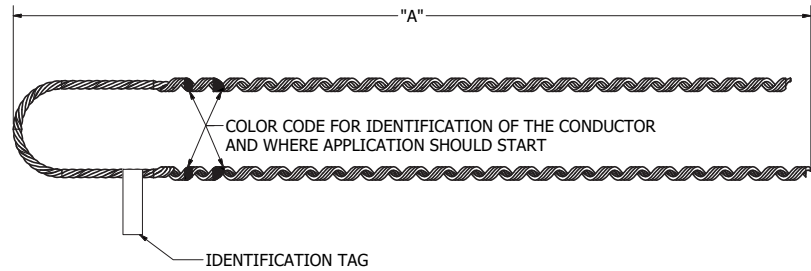


Fig. 1

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

Material: Wire - EHS Steel, Zinc-plated to cover Class "B" coating per ASTM A641. For Class "C" coating, add C suffix. For FWDE1104LA, LA suffix denotes Class "A" coating.

Product Data

CATALOG NUMBER / CUSTOMER PART NO	COLOR CODE	CONDUCTOR TYPE	NOMINAL CONDUCTOR SIZE	DECIMAL RANGE (MM)		DIMENSIONS (MM)
				MIN	MAX	A
FWDE1102	RED	GALV or EHS	3/16"	0.174 (4.420)	0.203 (5.156)	20 (508)
FWDE1103	GREEN	GALV or EHS	7/32"	0.204 (5.182)	0.23 (5.842)	24 (610)
FWDE1104	YELLOW	GALV or EHS	1/4"	0.231 (5.867)	0.259 (6.579)	24 (610)
FWDE1105	BLUE	GALV or EHS	9/32"	0.26 (6.604)	0.291 (7.391)	28 (711)
FWDE1106	BLACK	GALV or EHS	5/16"	0.292 (7.417)	0.336 (8.534)	31 (787)
FWDE1107	ORANGE	GALV or EHS	3/8"	0.337 (8.560)	0.394 (10.008)	35 (889)
FWDE1108	GREEN	GALV or EHS	7/16"	0.395 (10.033)	0.474 (10.040)	38 (965)
FWDE2115	BLUE	GALV or EHS	1/2"	0.475 (12.065)	0.515 (13.081)	49 (1245)



DEADENDS AUTOMATIC WEDGE SERVICE ENTRANCE/DROP ALUMINUM

ALUMINUM
SW

- For deadending and stress relief of service entrance/drop installations.
- For use with ACSR, AAC, & AAAC conductors.
- Service wedge to be attached to bare neutral.
- Rigid stainless steel bails are for use with eye hooks and insulators with diameters larger than 1.5" in diameter.
- Flexible bails are for use with hooks and small eyes.
- Design allows for easy sag adjustments.
- Service wedges are not full tension devices (see tensile rating). May be used in slack span applications.†
- Each wedge has two tape bands.
- The warning label is always orange (outside band).
- The size indicator is color coded as listed below (inside band, closest to bail).
- Locking mechanism secures latch on the rigid bail to prevent opening during installation.

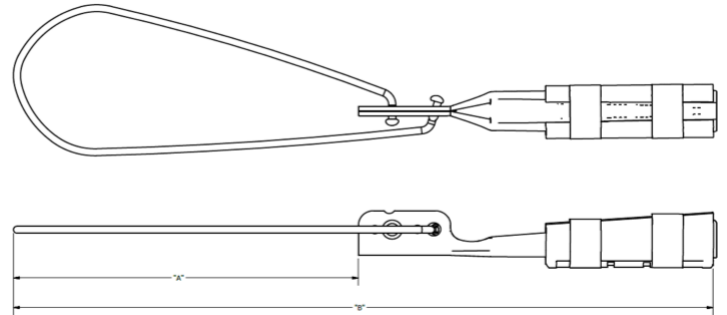


Fig. 1

Material: **Body and Keeper** - Aluminum Alloy
Bail - Solid: Stainless Steel
 Flex: Covered Stainless Wire Braid (FL Suffix)

Product Data

CATALOG NUMBER / CUSTOMER PART NO	COLOR CODE	CONDUCTOR TYPE		CONDUCTOR SIZE	DECIMAL RANGE (MM)		DIMENSIONS (MM)	
					MIN	MAX	A	B
SW7195LB _____	ORANGE	AL	AAC	#6 SOL - #1	0.16 (4.1)	0.33 (8.4)	12 (300)	6 (150)
		AL	AAAC	#6 - #2				
		AL	ACSR	#6 - #2				
SW7187LB _____	BLUE	AL	AAC	#2 SOL - 2/0	0.248 (6.3)	0.414 (10.5)	12.25 (310)	5.875 (149)
		AL	AAAC	#2 SOL - 2/0				
		AL	ACSR	#4 - 1/0				
SW7197LB _____	ORANGE	AL	AAC	2/0 - 4/0	0.414 (6.3)	.565 (41.4)	13 (325)	5.75 (146)



OVERHEAD PRIMARY TAPS HOT LINE TAP CLAMPS ALUMINUM

ALUMINUM
AH/S1500

- For Aluminum and ACSR conductor.
- Designed for standard "hot stick" application.

Material: **Body and Keeper** - Aluminum Alloy
Eyebolt - Bronze Alloy - Tin Plated
Eyestem - Bronze Alloy, Forged or Stainless Steel
Spring (on eyestem) - Stainless Steel

For Factory greased and bagged clamps, see notes below table.

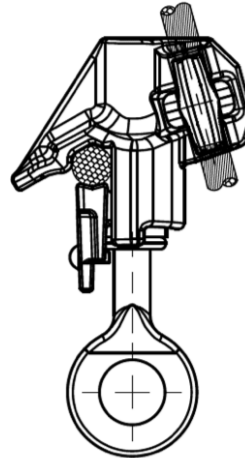


Fig. 1



Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	CLAMPING RANGE										TAP NUT (ACROSS FLATS)
		MAIN		DECIMAL RANGE (MM)		TAP		DECIMAL RANGE (MM)		DIMENSIONS (MM)		
		AAC	ACSR	MIN	MAX	AAC/CU	ACSR	MIN	MAX	A	B	
S1520AGP	FIG 1	#8 - 2/0	#8 - 1/0	0.128 (3.25)	0.414 (10.54)	#8 SOL - 2/0 STR	#8 - 1/0	0.128 (3.25)	0.414 (10.54)	1.0 (25.4)	5.25 (133)	9/16
S1530AGP	FIG 2	#6 SOL - 600	#8 - 556.5	0.157 (4.00)	0.905 (23.03)	#6 SOL - 266.8	#6 - 4/0	0.157 (4.00)	0.593 (15.07)	1.75 (44)	7.75 (196)	9/16
S1540AGP	FIG 2	4/0 - 800	3/0 (6/1) - 636 (30/19)	0.502 (12.78)	1.031 (26.24)	#4 SOL - 350	#6 - 266.8	0.198 (5.03)	0.703 (17.89)	1.81 (46)	7.31 (186)	3/4
S1545AGP	FIG 2	700 STR - 1500	556.5 (30/7) - 1510 (45/7)	.939 (23.90)	1.490 (37.92)	#4 SOL - 300	#6 - 266.8	0.198 (5.03)	0.703 (17.89)	2.19 (56)	9.63 (245)	3/4



OVERHEAD PRIMARY TAPS HOT LINE TAP CLAMPS BRONZE

BRONZE
BC/BH

For Copper conductor.

Designed for standard “hot stick” application.

Material: **Body and Keeper** - Brass Alloy
Eyebolt - Bronze Alloy
Eyestem - Stainless Steel
Washer - Stainless Steel

1. BC20LD has a longer “DUCKBILL” for easier attachment to a stirrup bail or conductor.
2. For connector with inhibitor in main jaw and plastic bag, add suffix “XB” to catalog number.

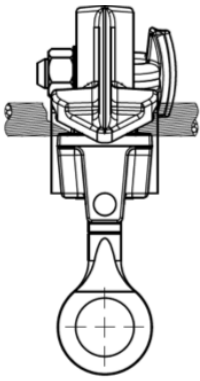


Fig. 1

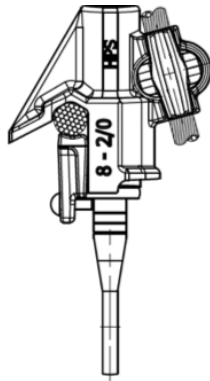


Fig. 2

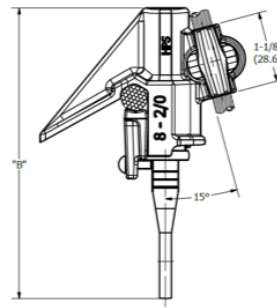


Fig. 3

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	CLAMPING RANGE							
		MAIN	DECIMAL RANGE (MM)		TAP	DECIMAL RANGE (MM)		DIMENSIONS (MM)	
		COPPER	MIN	MAX	COPPER ONLY	MIN	MAX	A	B
BC20	FIG 1	#8 SOL - 2/0 STR	0.128 (3.25)	0.419 (10.64)	#8 SOL - 2/0 STR	0.128 (3.25)	0.419 (10.64)	1.25 (31.7)	5.0 (127)
BC20LD	FIG 2	#8 SOL - 2/0 STR	0.128 (3.25)	0.419 (10.64)	#8 SOL - 2/0 STR	0.128 (3.25)	0.419 (10.64)	1.25 (31.7)	5.0 (127)
S1530CC	FIG 3	#6 SOL - 400 MCM	0.162 (4.12)	0.745 (18.96)	#6 SOL - 4/0	0.162 (4.12)	0.547 (13.89)	1.375 (34.92)	6.75 (171.45)
S1540CC	FIG 3	4/0 STR - 800 MCM	0.502 (12.78)	1.031 (26.24)	#4 SOL - 350 MCM	0.198 (5.04)	0.703 (17.98)	1.875 (48)	8.25 (210)



OVERHEAD PRIMARY TAPS STIRRUP CLAMPS ALUMINUM

ALUMINUM
AHLS

For aluminum or ACSR conductor.

Eyestem is at 30° angle from the stirrup.

Material: **Body** - Aluminum Alloy
Eyestem - Bronze Alloy—Tin Plated or Stainless Steel
Stirrup - Copper-un-plated

Notes: Tin plated stirrup available by adding suffix “TB” to catalog number. Examples, AHLS022016ETB, AHLS954022EWBTB

Factory inhibited and bagged, add “XB”

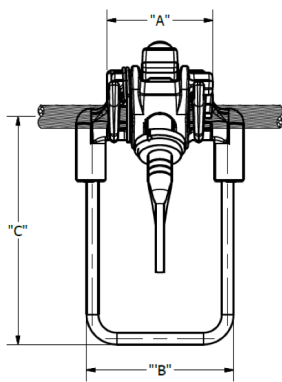


Fig. 1

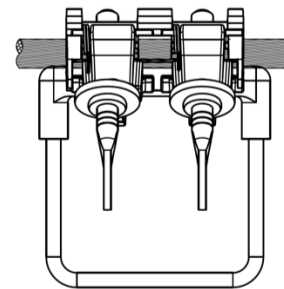
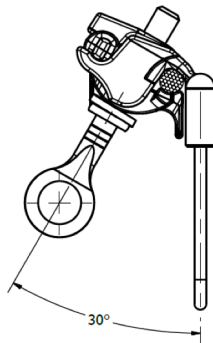


Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	COPPER LOOP SIZE (MM)	AAC	ACSR	BOLTS		DIMENSIONS (MM)		
					NO.	SIZE (MM)	A	B	C
AHLS022016E	FIG 1	#4 (.204)	#6 SOL - 2/0 STR	#8 - 2/0 STR	1	3/8 (9.52)	1.81 (46.04)	2.375 (60.32)	4.03 (102.36)
AHLS022019E	FIG 1	#1 (.289)	#6 SOL - 2/0 STR	#8 - 2/0 STR	1	3/8 (9.52)	1.81 (46.04)	2.375 (60.32)	4.1875 (106.36)
AHLS024019E	FIG 2	#1 (.289)	#2 - 4/0 STR	#4 - 4/0 STR	2	3/8 (9.52)	3.5 (88.9)	4 (101.6)	4.06 (103.19)
AHLS024021E	FIG 2	1/0 (.325)	#2 - 4/0 STR	#4 - 4/0 STR	2	3/8 (9.52)	3.5 (88.9)	5 (101.6)	4.03 (102.36)
AHLS397021E	FIG 2	1/0 (.325)	1/0 - 500 MCM	1/0 - 397.5 MCM	2	7/16 (11.8)	3.6875 (93.66)	6 (101.6)	4.09 (103.99)
AHLS397022E	FIG 2	2/0 (.365)	1/0 - 500 MCM	1/0 - 397.5 MCM	2	7/16 (11.8)	3.6875 (93.66)	7 (101.6)	4.09 (103.99)
AHLS954022E	FIG 2	2/0 (.365)	336.4 - 1033.5 MCM	336.4 - 954 MCM	2	1/2 (12.7)	4.25 (107.95)	4.5 (114.3)	4.19 (106.36)
AHLS954024E	FIG 2	4/0 (.460)	336.4 - 1033.5 MCM	336.4 - 954 MCM	2	1/2 (12.7)	4.25 (107.95)	4.5 (114.3)	4.19 (106.36)



OVERHEAD PRIMARY TAPS BOLTED STIRRUP CLAMPS BRONZE

BRONZE
BHLS

For copper conductor.

Eyestem is at 30° angle from the stirrup.

Material: **Body** - Bronze Alloy
Stirrup - Copper-un-plated
Eyestem - Bronze alloy or Stainless Steel

Note: Tin plated loop available by adding suffix "TB" to catalog number. Example, BHLS025019ETB.

Factory inhibited and bagged, add "XB"

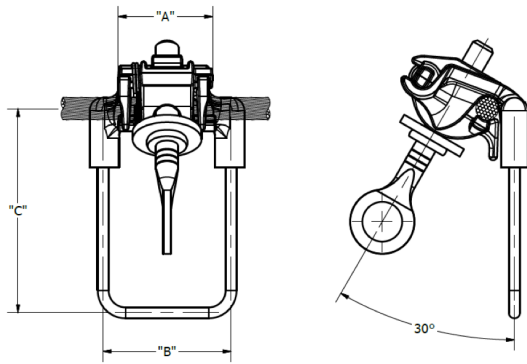


Fig. 1

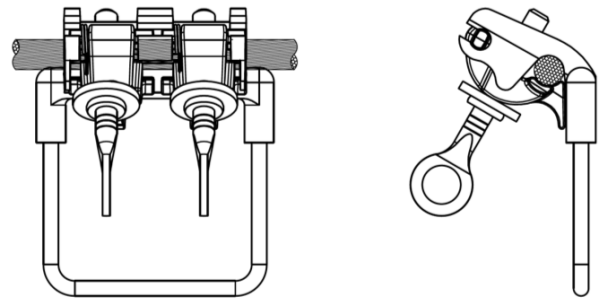


Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	COPPER LOOP SIZE (MM)	COPPER	BOLTS		DIMENSIONS (MM)		
				NO.	SIZE (MM)	A	B	C
BHLS022016E _____	FIG 1	#4 (.204)	#6 - 2/0 STR	1	3/8 (9.52)	1.81 (46.04)	2.39 (60.32)	4.06 (103.19)
BHLS022019E _____	FIG 1	#1 (.289)	#6 - 2/0 STR	1	3/8 (9.52)	1.81 (46.04)	2.39 (60.32)	4.06 (103.19)
BHLS025019E _____	FIG 2	#1 (.289)	#1 SOL - 252 MCM	2	3/8 (9.52)	3.5 (88.9)	4 (101.6)	4.03 (102.36)
BHLS050022E _____	FIG 2	2/0 (.365)	4/0 - 500 MCM	2	7/16 (11.2)	3.69 (93.66)	5 (101.6)	4.19 (106.36)

GENERAL USE VISE TYPE BRONZE COPPER TO COPPER

BRONZE
GC SERIES

- For copper connections-Splice, Loop deadend or service entrance tap or grounding connections
- One piece design for easier, faster installation
- Bolt head design for use with standard ratchet wrench
- Vise design achieves high connector pressure with low wrench force

Material: **Body** - Copper Alloy
Hardware - Stainless Steel or Silicon Bronze Alloy

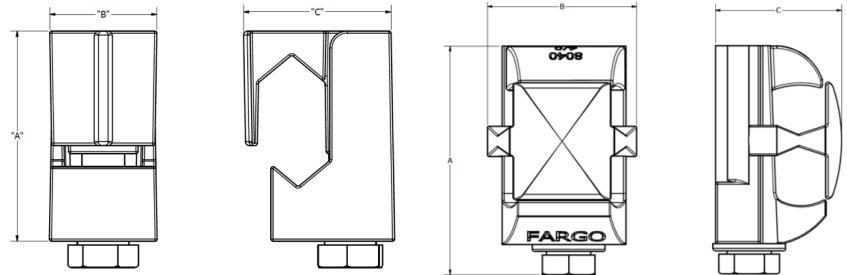


Fig. 1

Fig. 2

Options: Suffix "P" Tin-plated

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	CONDUCTOR RANGE (COPPER)		DIAMETER RANGE (2 CONDUCTOR COMBO)		DIMENSIONS (MM)		
		MAX 2 CONDUCTORS	MIN 2 CONDUCTORS	MAX	MIN	A	B	C
GC5006	FIG 1	#6 SOL	#10 SOL	0.162 (4.11)	0.101 (2.57)	1 (25.4)	0.675 (17.15)	0.75 (19.05)
GC5004	FIG 1	#4 STR	#8 SOL	0.232 (5.89)	0.128 (3.25)	1.25 (31.75)	0.675 (17.15)	0.875 (22.23)
GC5002	FIG 1	#2 SOL	#6 SOL	0.286 (7.26)	0.162 (4.11)	1.375 (34.93)	0.75 (19.05)	1 (25.4)
GC5020	FIG 1	1/0 STR	#4 SOL	0.39 (9.91)	0.204 (5.18)	1.875 (47.63)	0.75 (19.05)	1.125 (28.58)
GC5040	FIG 1	4/0 STR	#1 SOL	0.552 (14.02)	0.289 (7.34)	2.125 (53.98)	1 (25.4)	1.375 (34.93)

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	CONDUCTOR RANGE (COPPER)		MIN	DIMENSIONS (MM)			BOLT SIZE	BOLT HEAD (HEX)
		SOL	STR		SOL	A	B		
GC8002GL	FIG 2	2	3	8	1.375 (34.93)	1.25 (31.75)	0.875 (2.23)	5/16	9/16
GC8020GL	FIG 2	1/0	1	8	1.75 (44.45)	1.375 (34.93)	1.125 (28.58)	5/16	9/16



GENERAL USE VISE TYPE ALUMINUM SINGLE BOLT ALUMINUM TO ALUMINUM OR ALUMINUM TO COPPER

ALUMINUM
GA9000

- Recommended for aluminum or aluminum to copper distribution, service or tap connections.
- Add Suffix "G" to catalog number for neoprene grommets. Grommet holds spacer bar in place during installation.
- Sealant is recommended on all connectors.
- Optional snap-on cover
- Optional - Class AA temperature rated per ANSI C119.4

NOTE: FOR CONDUCTOR SIZES NOT SHOWN IN CATALOG, CONSULT FACTORY

Material: **Body** - Aluminum Alloy
Spacer - Aluminum
Hardware - Aluminum Alloy (std.) or Stainless Steel ("SS" suffix)

Options: Snap-On Cover (See Column) (B-Suffix)
 Torque-Head Bolts (Add "O" Suffix)
 Grommets "G" suffix

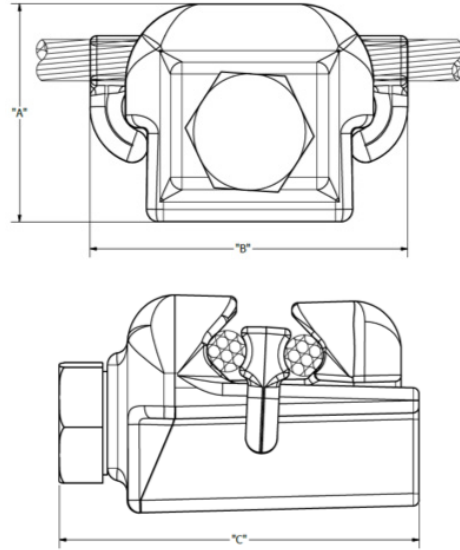


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CLAMPING RANGE								DIMENSIONS (MM)			SNAP ON COVER CATALOG NUMBER
	MAIN				TAP							
	MAX		MIN		MAX		MIN					
	ACSR	AL	ACSR	AL	ACSR	AL / CU	ACSR	AL / CU	A	B	C	
GA9003L _____	4	2 SOL	6	8 SOL	4	2 SOL	6	8 SOL	0.875 (2.23)	1.25 (31.75)	1.75 (44.45)	GA9000B2
GA9002L _____	2	1 STR	6	6 SOL	2	1	6	12 SOL	1.125 (28.58)	1.875 (47.63)	2.125 (53.98)	GA9000B2
GA9020LSS _____	1/0	2/0 STR	6	6 SOL	1/0	2/0 STR	6	6 SOL	1.24 (31.50)	1.875 (47.63)	2.375 (60.33)	GA9000B2
GA9400L _____	336.4	397.5	3/0	4/0 STR	336.4	397.5	3/0	4/0 STR	2.625 (66.68)	3.5 (88.9)	3.5 (88.9)	GA9000B3



GENERAL USE PARALLEL GROOVE - BRONZE SINGLE CENTER BOLT

BRONZE
ST

For copper (Cu), Copperweld (CW) and guy strand (GS) connections.

Material: **Body** - High Strength Bronze Alloy
Hardware - Silicon Bronze or Stainless Steel

Note: Add Suffix "TP" for Tin-Plated Version.

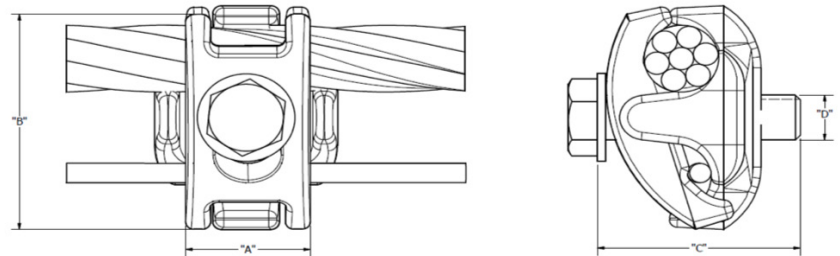


Fig. 1

Product Data

CATALOG NUMBER	CONDUCTOR TYPE	CONDUCTOR RANGE (COPPER)		DIMENSIONS (IN)			
		MAIN	TAP	A	B	C	D
ST3	CU	#8 SOL - 2/ STR	#8 SOL - 2/ STR	0.875 (22.23)	1.5 (38.1)	1.5 (38.1)	5/16
	CW	#8A - 2/0 F	#9 1/2 D - 2/0 F				
	CW/GS	1/8" - 7/16	1/8" - 7/16				
	CONDUCTOR RANGE (MM)	.125 - .438	.125 - .438				
ST4	CU	#6 SOL - 4/0 STR	#6 SOL - 4/0 STR	0.9375 (23.81)	1.875 (47.63)	1.5 (38.1)	3/8
	CW	#6A - 4/0 F	#6A - 4/0 F				
	CW/GS	1/4" - 9/16"	1/4" - 9/16"				
	CONDUCTOR RANGE (MM)	.162 - 562	.162 - 563				



GENERAL USE - PARALLEL GROOVE - ALUMINUM SINGLE CENTER BOLT

ALUMINUM
LCxxxXB

For aluminum to aluminum and aluminum to copper conductor splice/tap connections. Sealant (XB) is recommended on all connections.

Material: Body - Aluminum Alloy
Hardware - Galvanized Steel

- Notes:**
- 1) For connectors without sealant, delete suffix "XB."
 - 2) Add suffix "GP" for a tin-plated connector.
 - 3) Plastic Cover Available. (See Type PTC Cover)

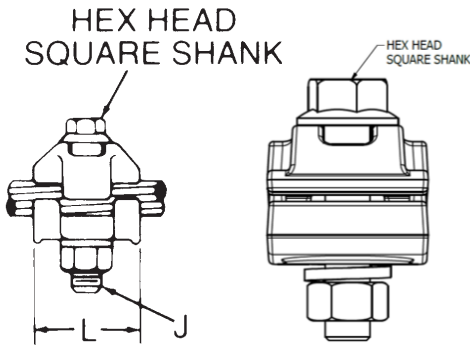


Fig. 1

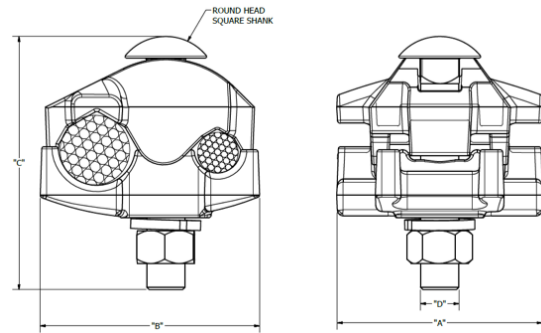


Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	CONDUCTOR TYPE	CONDUCTOR RANGE (COPPER)		DIMENSIONS (IN)			
			MAIN	TAP	A	B	C	D
LC51AXB	FIG 1	AAC	#8 SOL - 1/0 STR	#8 SOL - #2 STR	1.125 (28.58)	1.406 (35.71)	1.5 (38.1)	5/16
		ACSR	#8 SOL - 1/0	#8 SOL - #2				
		CU		#8 SOL - #2 STR				
LC51CXB	FIG 2	AAC	#8 SOL - 1/0 STR	#8 SOL - 1/0 STR	1.25 (31.75)	1.531 (38.89)	2 (50.8)	3/8
		ACSR	#8 SOL - 1/0	#8 SOL - 1/0				
		CU		#8 SOL - 1/0 STR				
LC52AXB	FIG 2	AAC	#8 SOL - 2/0 STR	#8 SOL - 2/0 STR	1.375 (34.93)	1.656 (42.06)	2 (50.8)	3/8
		ACSR	#8 SOL - 2/0	#8 SOL - 2/0				
		CU		#8 SOL - 2/0 STR				
LC52CXB	FIG 1	AAC	#1 SOL - 400 MCM	#8 - 2/0 STR	2 (50.8)	2.344 (59.54)	2.25 (57.15)	3/8
		ACSR	#1 - 336.4 MCM	#8 - 2/0				
		CU		#8 - 2/0 STR				



OVERHEAD LINE SPLICES AUTOMATIC COPPER

COPPER
GL1xxM

- Fastest method of splicing copper & copperweld conductor
- Inhibitor protected for optimum long term performance
- Individually bagged to seal out dirt before use

*RBS = Rated Breaking Strength

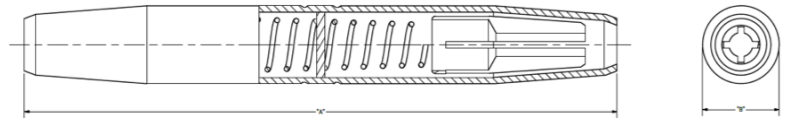


Fig. 1

Material: Shell - Drawn Copper Tube
Jaw - Bronze Alloy

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE				
		CONDUCTOR RANGE	DECIMAL RANGE (MM)		DIMENSIONS (MM)	
			MIN	MAX	A	B
GL110M	SOLID	-	0.10 (2.54)	0.14 (3.56)	4.20 (106.68)	0.51 (12.95)
	STRANDED	-				
	CW	-				
	METRIC	#6 MM ²				
GL111M	SOLID	#8, #6	0.14 (3.56)	0.17 (4.32)	4.20 (106.68)	0.51 (12.95)
	STRANDED	-				
	CW	-				
	METRIC	10 MM ²				
GL112M	SOLID	-	0.17 (4.32)	0.20 (5.08)	4.36 (110.74)	0.55 (13.97)
	STRANDED	-				
	CW	-				
	METRIC	16 MM ² SOL				
GL113M	SOLID	#4, #3	0.20 (5.08)	0.22 (5.59)	4.36 (110.74)	0.55 (13.97)
	STRANDED	#4 (7)				
	CW	8A				
	METRIC	16 MM ² STR				
GL114M	SOLID	-	0.22 (5.59)	0.26 (6.60)	5.46 (138.68)	0.71 (18.03)
	STRANDED	-				
	CW	-				
	METRIC	25 MM ²				
GL115M	SOLID	#2, #1, 1/0	0.26 (6.60)	0.30 (7.62)	5.46 (138.68)	0.71 (18.03)
	STRANDED	#2 (7)				
	CW	-				
	METRIC	35 MM ²				
GL117M	SOLID	-	0.31 (7.87)	0.37 (9.40)	6.48 (164.59)	0.90 (22.86)
	STRANDED	-				
	CW	-				
	METRIC	50 MM ²				
GL118M	SOLID	2/0, 3/0	0.37 (9.40)	0.43 (10.92)	6.48 (164.59)	0.90 (22.86)
	STRANDED	1/0 (7), 2/0 (7)				
	CW	-				
	METRIC	70 MM ²				
GL119M	SOLID	4/0	0.44 (11.18)	0.50 (12.7)	7.98 (202.69)	1.22 (30.99)
	STRANDED	3/0 (7)				
	CW	-				
	METRIC	95 MM ²				
GL120M	SOLID	-	0.50 (12.7)	0.56 (14.22)	7.98 (202.69)	1.22 (30.99)
	STRANDED	4/0 (7)				
	CW	-				
	METRIC	120 MM ²				



OVERHEAD LINE SPLICES SUREFIT™ AUTOMATIC ALUMINUM

ALUMINUM
GLSF / GLSF-KR

- ANSI C119.4, full tension, Class A connector (95% of conductor breaking strength unless otherwise noted)
- Color coded funnel guides for easy identification
- Funnel guides deploy after full insertion
- Factory inhibitor protected
- Fastest method of splicing aluminum, aluminum alloy, and ACSR conductor

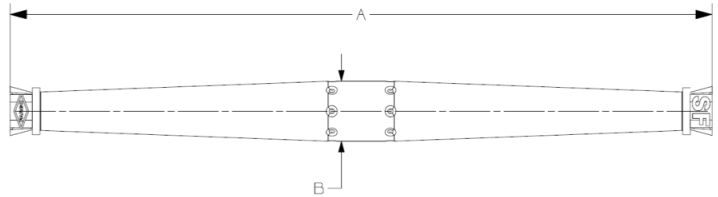


Fig. 1

Material: **Shell** - High Strength Aluminum Alloy
Jaws - Aluminum Alloy
Internal Components - Galvanized Steel and Thermoplastic

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE			Color Code	DIMENSIONS (MM)	
		CONDUCTOR RANGE	DECIMAL RANGE (MM)			A	B
			MIN	MAX			
GLSF402A GLSF402AKR	AAC	#4	0.225 (5.72)	0.250 (6.35)	ORANGE	10.00 (254)	0.09 (2.29)
	AAAC	#4					
	ACSR	#4					
GLSF4042A GLSF4042AKR	AAC	#4 - #2	0.220 (5.59)	0.320 (8.13)	RED - ORANGE	12.00 (304.8)	1.0 (25.4)
	AAAC	#4 - #2					
	ACSR	#4 - #2					
GLSF406A GLSF406AKR	AAC	1/0	0.355 (9.02)	0.400 (10.16)	YELLOW	13.00 (330.2)	1.1 (27.94)
	AAAC	1/0					
	ACSR	1/0					
GLSF4076A GLSF4076AKR	AAC	1/0 - 2/0	0.355 (9.02)	0.470 (11.94)	YELLOW - GRAY	18.00 (457.2)	1.4 (35.56)
	AAAC	1/0 - 2/0					
	ACSR	1/0 - 2/0					
GLSF4098 GLSF4098KR	AAC	3/0 - 4/0	0.450 (11.43)	0.595 (15.11)	PINK - BLACK	22.00 (558.8)	1.7 (43.18)
	AAAC	3/0 - 4/0					
	ACSR	3/0 - 4/0					
GLSF410 GLSF410KR	AAC	*336.4	0.603 (15.32)	0.666 (16.92)	BROWN	19.00 (482.6)	1.7 (43.18)
	AAAC	312.8					
	ACSR	266.8 (18/1)					
GLSF411 GLSF411KR	AAC	*397.5 *336.4	0.659 (16.74)	0.724 (18.39)	GREEN	20.00 (508)	1.8 (45.72)
	AAAC	394.5					
	ACSR	336.4 (18/1)					
GLSF412 GLSG412KR	AAC	*477	0.720 (18.29)	0.795 (20.19)	BLUE	22.00 (558.8)	2.0 (50.8)
	AAAC	465.4					
	ACSR	397.5 (18/1)					
GLSF413 GLSF413KR	AAC	*556.5 500	0.780 (18.81)	0.858 (21.79)	WHITE	24.00 (609.6)	2.1 (53.34)
	AAAC	559.5					
	ACSR	477 (18/1)					
GLSF414 GLSF414KR	AAC	600 (37 STR), 795 (61 STR)	0.879 (22.33)	1.041 (26.44)	NATURAL	26.76 (679.7)	2.5 (63.5)
	AAAC	652.4 740.8					
	ACSR	556.5 (18/1) - 795 (36/1)					

NOTE: SUFFIX "KR" - CORROSION RESISTANT



SPLICES AUTOMATIC GUY WIRE

GAVANIZED STEEL
GLSxxxx

- For splicing applications with overhead or support guy wires
- All GLS automatic splices will hold a minimum of 90% of the guy wire rated breaking strength

Material: **Shell** - High Strength Aluminum Alloy
Jaws - Plated Steel

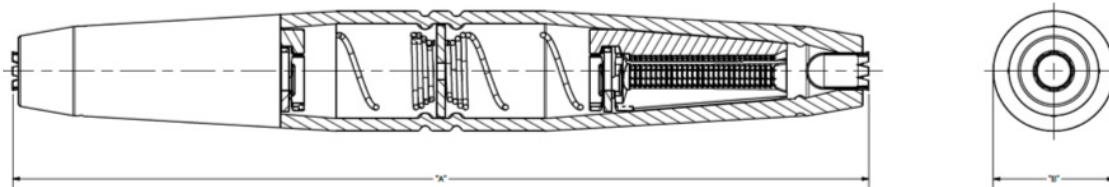


Fig. 1

Product Data						
CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE			DIMENSIONS (MM)	
		CONDUCTOR RANGE	DECIMAL RANGE (MM)		A	B
			MIN	MAX		
GLS5041	EHS	5/16"	0.27 (6.86)	0.315 (8.00)	9.40 (238.76)	1.22 (30.99)
	AW	7#10 (10M), 7#11 (8M)				
	AWAC	-				
GLS5042	EHS	3/8"	0.325 (8.26)	0.392 (9.96)	10.00 (254)	1.48 (37.59)
	AW	3#5, 7#8, 7#9, 12.5M, 14M, 16M				
	AWAC	#4-2/5, #2 -3/4, #1-5/2				
GLS5043	EHS	7/16"	0.392 (9.96)	0.458 (11.63)	11.00 (279.4)	1.60 (40.64)
	AW	7#7 (20M), 18M				
	AWAC	#2-2/5, #1-3/4, #1-5/2				
GLS5044	EHS	1/2"	0.455 (11.56)	0.520 (13.21)	10.80 (274.32)	1.70 (43.18)
	AW	25M				
	AWAC	#1-2/5, #1/0-3/4, #2/0-5/2, #2/0-4/3				



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

ALUMINUM/STEEL
STT

Made of aluminum-clad steel compatible with aluminum, aluminum-alloy and ACSR conductors in the top grooves of vertical-mounted *ANSI 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. Semiconductor-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.

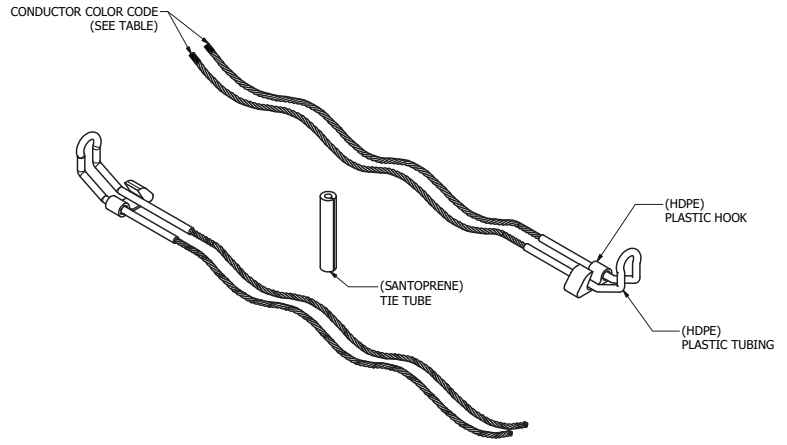


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE			COLOR CODE
		NOMINAL CONDUCTOR SIZE	DECIMAL RANGE (MM)		
			MIN	MAX	
STT20	AAC	#6 (7W)	0.221 (5.61)	0.257 (6.53)	ORANGE
	AAAC	#6 (7W)			
	ACSR	#6 (6/1)			
STT40	AAC	#2 (7W)	0.29 (7.37)	0.325 (8.26)	RED
	AAAC	#2 (7W)			
	ACSR	#2 (6/1)			
STT60	AAC	1/0 (7W)	0.361 (9.17)	0.409 (10.39)	YELLOW
	AAAC	1/0 (7W)			
	ACSR	1/0 (6/1)			
STT80	AAC	3/0 (7W)	0.461 (11.71)	0.516 (13.11)	BLACK
	AAAC	3/0 (7W)			
	ACSR	3/0 (6/1)			
STT90	AAC	4/0 (7W)	0.517 (13.13)	0.584 (14.83)	PINK
	AAAC	4/0 (7W)			
	ACSR	4/0(6/1)			
STT100	AAC	266.8 (19W)	0.585 (14.86)	0.664 (16.87)	GREEN
	AAAC	266.8 (19W)			
	ACSR	266.8 (18/1)			
STT110	AAC	336.4 (19W)	0.665 (16.76)	0.755 (19.18)	BROWN
	AAAC	336.4 (19W)			
	ACSR	336.4 (18/1)			
STI20	AAC	477 (19W)	0.756 (19.20)	0.859 (21.82)	VIOLET
	AAAC	477 (19W)			
	ACSR	477 (18/1)			

SIDE TIE FORMED WIRE QUIK-WRAP™ INSULATOR TIE “F-NECK”

ALUMINUM/STEEL
QWSTF

- For securing bare or plastic jacketed conductor in the side groove of interchangeable headstyle insulators.
- Fargo QWSTF 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 including “C-NECK” ties (QWSTC) Right hand lay standard.



Fig. 1

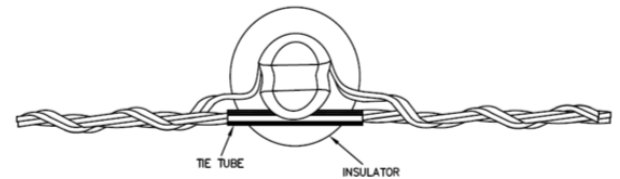


Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE		APPLIED LENGTH (MM)	INSULATOR ID MARK	CONDUCTOR COLOR CODE	
		NOMINAL CONDUCTOR SIZE	DECIMAL RANGE (MM)				
			MIN				MAX
SIDE TIE, "F-NECK" 9/16" Minimum Groove Radius							
QWSTF172	AAC	#3 (7W)	0.245	0.277	23 (584.2)	YELLOW	ORANGE
	AAAC	#4 (7W)					
	ACSR	#4 (6/1), (7/1)					
QWSTF174	AAC	#1 (7W), (19W)	0.316	0.357	25 (635)	YELLOW	RED
	AAAC	#2 (7W)					
	ACSR	#2 (6/1), (7/1), #1 (6/1)					
QWSTF175	AAC	1/0 (7W), (19W)	0.358	0.405	23 (584.2)	YELLOW	YELLOW
	AAAC	1/0 (7W)					
	ACSR	1/0 (6/1)					
QWSTF176	AAC	2/0 (7W), (19W)	0.406	0.459	25 (635)	YELLOW	BLUE
	AAAC	2/0 (7W)					
	ACSR	2/0 (6/1)					
QWSTF177	AAC	3/0 (7W)	0.46	0.52	27 (685.8)	YELLOW	ORANGE
	AAAC	3/0 (7W), (19W)					
	ACSR	3/0 (6/1)					
QWSTF178	AAC	4/0 (6/1)	0.521	0.588	28 (711.2)	YELLOW	RED
	AAAC	4/0 (7W), (19W), 266.8 (7W)					
	ACSR	4/0 (6/1)					
QWSTF180	AAC	3/0 (19W), 350 (19W)	0.666	0.755	34 (863.6)	YELLOW	BROWN
	AAAC	-					
	ACSR	336.4 (18/1), (26/7), 397.5 (18/1)					
QWSTF181	AAC	450 (19W), 477 (19W), (37W), 500 (19W), (37W), 556.5 (19W), (37W)	0.756	0.858	36 (914.4)	YELLOW	RED
	AAAC	-					
	ACSR	397.5 (24/7), (26/7), 477 (18/1), (24/7), (26/7)					
SIDE TIE, "F-NECK" 5/8" Minimum Groove Radius							
QWSTF182	AAC	636 (37W) 700 (37W), (61W)	0.859	0.968	37 (939.8)	YELLOW	BLUE
	AAAC	-					
	ACSR	556.8 (18/1), (24/7), 26/7, 663 (18/1)					
SIDE TIE, "F-NECK" 11/16" Minimum Groove Radius							
QWSTF183	AAC	795 (37W), (61W)	0.969	1.096	39 (990.6)	YELLOW	GREEN
	AAAC	-					
	ACSR	636 (24/7), (26/7), 715.5 (24/7), 795 (36/1), (45/7), (54/7)					
SIDE TIE, "F-NECK" 3/4" Minimum Groove Radius							
QWSTF184	AAC	954 (37W), 1033.5 (37W), (61W), 1113 (61W)	1.097	1.24	40 (1016)	YELLOW	YELLOW
	AAAC	-					
	ACSR	795 (26/7), 954 (36/1), (54/7), 1033.5 (45/7), (54/7)					



SPOOL TIE FORMED WIRE QUIK-WRAP™ SPOOL INSULATOR TIE

ALUMINUM ALLOY
QWSP

- QUIK-WRAP™ Spool Ties are used in applications where the spool insulator is mounted either horizontally or vertically and the conductor is aligned to sit in the groove of the insulator.
- Fargo QWSP 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 per ANSI Classes 53-1, 53-2, 53-3.

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



Fig. 1

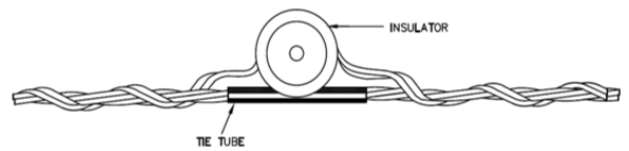


Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	CONDUCTOR TYPE	CLAMPING RANGE			APPLIED LENGTH (MM)	INSULATOR ID MARK
		NOMINAL CONDUCTOR SIZE	DECIMAL RANGE (MM)			
			MIN	MAX		
QUIK-WRAP, SPOOL INSULATOR TIE						
QWSP4372	AAC	#4 (7W)	0.245 (6.22)	0.277 (7.04)	19 (482.6)	ORANGE
	AAAC	#4 (7W)				
	ACSR	#4 (6/1), (7/1)				
	PLASTIC JACKETED	#6 (7W) 2/64s #6 SOL 3/64s #6 (6/1) 2/64s				
QWSP4374	AAC	#2 (7W)	0.316 (8.03)	0.357 (9.07)	24 (609.6)	RED
	AAAC	#2 (7W)				
	ACSR	#1 (6/1) #2 (6/1) #2 (7/1)				
	PLASTIC JACKETED	#4 (6/1) 3/64s #4 (7/1) 3/64s #4 (7W) 3/64s				
QWSP4375	AAC	1/0 (7W)	0.358 (9.09)	0.405 (10.29)	26 (660.4)	YELLOW
	AAAC	1/0 (7W)				
	ACSR	1/0 (6/1)				
	PLASTIC JACKETED	#3 (7W) 4/64s #2 (7W) 3/64s #4 (7W) 5/65s				
QWSP4376	AAC	2/0 (7W)	0.406 (10.31)	0.459 (11.66)	28 (711.2)	BLUE
	AAAC	2/0 (7W)				
	ACSR	2/0 (6/1)				
	PLASTIC JACKETED	#2 (6/1) 3/64s #2 (7W) 4/64s #1 (7W) 4/64 s				
QWSP4377	AAC	3/0 (7W)	0.460 (11.68)	0.520 (13.21)	31 (787.4)	ORANGE
	AAAC	3/0 (7W)				
	ACSR	3/0 (6/1)				
	PLASTIC JACKETED	#4 (7W) 8/64s #1 (6/1) 4/64s #1 (7W) 5/64s #1 (19W) 5/64s 1/0 (7W) 4/64s				



GROUND CLAMP CONDUCTOR TO TRANSFORMER TANK TYPE GTCS: 90° OR STRAIGHT GROUND MOUNT

BRONZE
GTCS

- Bronze alloy ground clamp for tapping copper conductor to transformer tank
- Tapered thread at base of stud ensures positive locking and electrical contact without lockwashers. Hex wrenching surface above tapered thread provides easy installation.

Material: **Casting** - Bronze Alloy
Eyebolt - Bronze Alloy
Hardware - Silicon Bronze Alloy or Stainless Steel

Add suffix "TP" for tin-plated version.

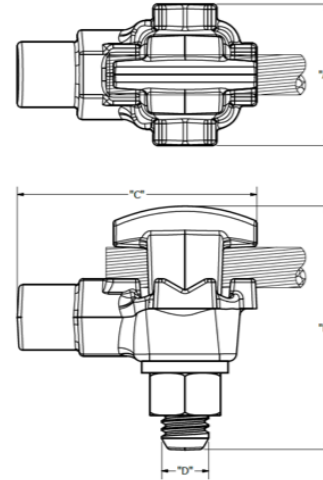


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	COPPER CABLE RANGE		DIMENSIONS (MM)			
	MIN	MAX	A	B	C	D
GTCS21	#10 SOL	#1 STR	1.125 (28.58)	1.625 (41.28)	1.875 (47.63)	0.375 (9.53)
GTCS34A	#8 SOL	2/0 STR	1.250 (31.75)	1.875 (47.63)	2.250 (57.15)	0.375 (9.53)
GTCS41	#6 SOL	250 MCM	1.625 (41.28)	2.375 (60.33)	2.500 (63.5)	0.500 (12.7)



GENERAL USE — BRONZE VISE TYPE GROUND CLAMP LIGHTNING ARRESTER GROUND

BRONZE
GC200 SERIES

- For grounding applications
- Provided with standard 1/2-13 threaded studs and flat surfaces for easy one wrench installation

Material: **Body** - Copper Alloy
Hardware - Stainless Steel

Note: Lightning Arrester type installations, see DC-11.

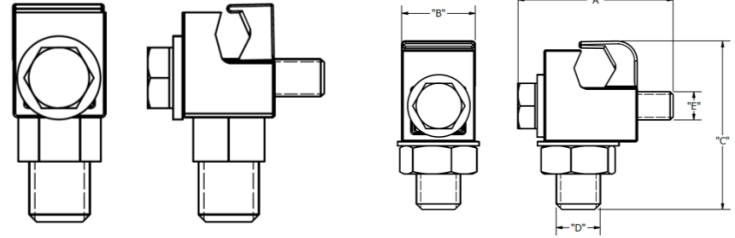


Fig. 1

Fig. 2

Product Data

CATALOG NUMBER / CUSTOMER PART NO	FIG	COPPER CABLE RANGE		DIMENSIONS (MM)				
		MIN	MAX	A	B	C	D	E
GC207	FIG 1	#6 SOL	1/0 STR	1.250 (31.75)	0.75 (19.05)	1.875 (47.63)	0.500 (12.7)	0.3125 (7.94)
GC208	FIG 2	#4 STR	2/0 STR	1.3125 (33.34)	1.875 (47.63)	1.875 (47.63)	0.500 (12.7)	0.3125 (7.94)
GC209	FIG 2	#3 SOL	4/0 STR	1.50 (38.1)	1.125 (28.58)	1.75 (44.45)	0.500 (12.7)	0.3125 (7.94)



DISTRIBUTION/TRANSMISSION/SUBSTATION ELECTRICAL JOINT COMPOUND/INHIBITOR

INHIBITORS
HTJC

Anderson Versa-Seal® High Temperature Joint Compound (HTJC) is a synthetic-based, gritted, high-temperature compound developed for use on two-piece compression fittings on ACSS conductors rated 250° C.

HTJC employs conductive grit and thermally conductive filler to reduce connection resistance and allows connectors to operate at cooler temperatures. This electrically and thermally conductive compound is also ideal for use on standard aluminum conductor (AAC and ACSR) fittings including Fargo Uni-Grip® deadends, splices and terminals.

HTJC fills internal voids in compression and bolted joints, sealing out moisture. HTJC is also an excellent choice for pad-to-pad applications as the grit is very fine and conductive.

HTJCNG utilizes the same synthetic base of HTJC without the grit

- HTJCNG is recommended for flat-to-flat and grooved/bolted connections
- Helps prevent corrosion and oxidation by sealing out air and water
- Amber in color



Fig. 1

Product Data							
CATALOG NUMBER	GRIT TYPE	DESC / SIZE	SERVICE TEMP	TO BE USED ON:			COLOR
				COMPRESSION	GROOVE / BOLTED	PAD	
VS8HTJC	CONDUCTIVE GRIT	8 OZ PLASTIC BOTTLE	-40oF TO +480oF (-40oC TO 250oC)	x	x	x	GRAY
HTJCNG8B	NON-GRITTED	8 OZ PLASTIC BOTTLE	-40oF TO +480oF (-40oC TO 250oC)	-	x	x	AMBER



DISTRIBUTION TOOLS SERIES GP FARGO CONNECTOR WRENCHES

TOOLS
GP

- Design optimized for lineman use - handle separates both ends.
- Specially constructed for proper and fast installation of mechanical connectors in utility distribution applications

Sturdy polypropylene handle provides protection from incidental end-to-end or energized line contact

Nine available wrench heads.

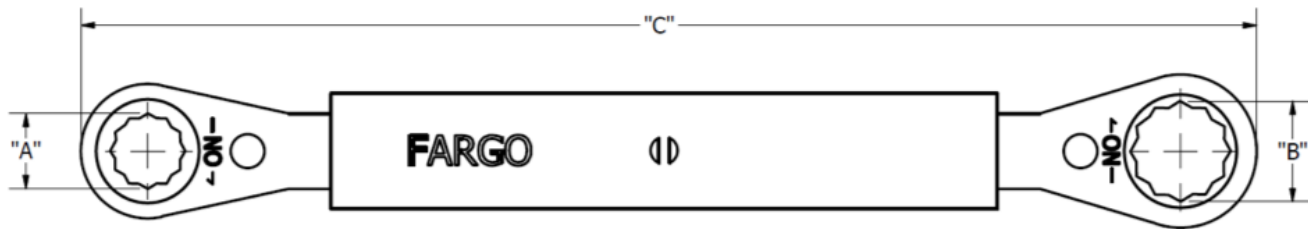


Fig. 1

Product Data

CATALOG NUMBER / CUSTOMER PART NO	END DESCRIPTION				"C" (MM)
	"A"	WRENCH HEAD DIA (MM)	"B"	WRENCH HEAD DIA (mm)	
GP2212	1/2" RACHET	2.25 (57.15)	9/16" RACHET	2.25 (57.15)	9.00
GP2214	3/8" RACHET	2.00 (50.8)	1/2" RACHET	2.00 (50.8)	8.50
GP2223	9/16" RACHET	2.25 (57.15)	3/4" RACHET	2.25 (57.15)	9.00
GP22235	5/8" RACHET	2.25 (57.15)	11/16" RACHET	2.25 (57.15)	9.00
GP2245	7/8" RACHET	2.75 (69.85)	15/16" RACHET	2.75 (69.85)	10.00



VERSA-CRIMP® HYDRAULIC COMPRESSION TOOL BATTERY OPERATED TYPE VCBP6FT

TOOL
VCBP6FT

- 18-volt Lithium-ion rechargeable batteries
- The flip-top latch provides clear and easy removal from larger connectors in limited areas
- Four-nib dieless head with 360 degree rotation
- Crimps range-taking Versa-Crimp and Versatile connectors
- Comfortable overmolded handle balanced for one hand operation

Includes:

- 18-volt battery powered dieless crimp tool
- Two 18-volt 3.0 Ah Lithium-ion batteries
- AC charger - 30 minutes recharge
- High impact plastic case - ergonomic carrying design with storage
- Lanyard strap
- Instruction manual and warranty card
- 5-year limited tool warranty with 1-year on batteries and charger



Conductor Range:

#10 Str. - 750 MCM Al/Cu

VERSA-CRIMP® HYDRAULIC COMPRESSION TOOL HAND OPERATED TYPE V6FTSP

TOOL
VC6FTSP

- The flip-top latch provides clear and easy removal from larger connectors in limited areas
- Two Stage Pump Design allows nibs to travel from full open to full close much faster
- Ergonomic Case has handle at balance point making tool much easier to carry
- Head rotates 360°
- Repair parts available in kit form
- Direct Reading Pressure Gauge available
- 2-Year Warranty

Includes:

- Versa-Crimp Tool
- Ergonomic Case
- Instruction/Parts Manual

Conductor Range:

#10 Str. - 750 MCM Al/Cu





TINNED BRONZE TRANSFORMER SPADE TERMINALS TYPE BXS

BRONZE
BXS

- Secured by jam nut to bushing stud.
- Recommended when copper terminals are connected (Use "AXS" style for aluminum terminals.)
- Terminal lug mounting holes are 9/16" diameter with 1-3/4" NEMA spacing. Jam nuts are usually supplied by the transformer manufacturer and are not furnished unless specified.

Material: - Bronze Alloy (tin-plated)

- Notes:**
- (1) Terminals for 1-1/4" - 12 bushing studs can be furnished with a 1/4" - 20 tapped hole in the outer end to attach an insulated suspension support rod for mechanical support. Add suffix "-MS" for this option.
 - (2) Add suffix "JN" to specify a factory applied brass jam nut.

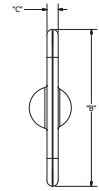
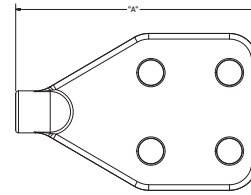


Fig. 1

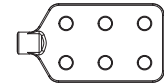


Fig. 3

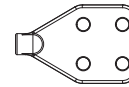


Fig. 2

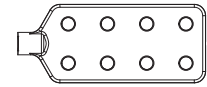


Fig. 4

Product Data

CATALOG NUMBER	X'FORMER STUD SIZE	GENERAL DESCRIPTION & FIELD APPLICATION	FIG	DIMENSIONS (MM)		
				A	B	C
BXS584N	5/8"-11	Four Holes in Line NEMA Spaced For Use With One Hole Lugs	FIG 1	8.5 (215.9)	1.37 (34.80)	0.31 (7.87)
BXS104N	1"-14			8.56 (217.42)	1.93 (49.02)	0.34 (8.64)
BXS582BN	5/8"-11	Two Sets of NEMA Spaced Holes Mounts Up to 4 Two-Holed lugs	FIG 2	5.37 (136.40)	3.5 (88.9)	0.25 (6.35)
BXS102BN				5.87 (149.10)	3.5 (88.9)	0.37 (9.40)
BXS583BN	5/8"-11	Three Sets of NEMA Spaced Holes Mounts Up to 6 Two-Holed lugs	FIG 3	6.62 (168.15)	3.5 (88.9)	0.37 (9.40)
BXS103BN				7 (177.8)	3.5 (88.9)	0.37 (9.40)
BXS584BN	5/8"-11	Four Sets of NEMA Spaced Holes Mounts Up to 8 Two-Holed lugs	FIG 4	8.37 (212.60)	3.5 (88.9)	0.37 (9.40)
BXS104BN				8.75 (222.25)	3.5 (88.9)	0.37 (9.40)



SET SCREW BAR TRANSFORMER CONNECTORS TOGGLE LATCH

ALUMINUM
UTSB/UTZB

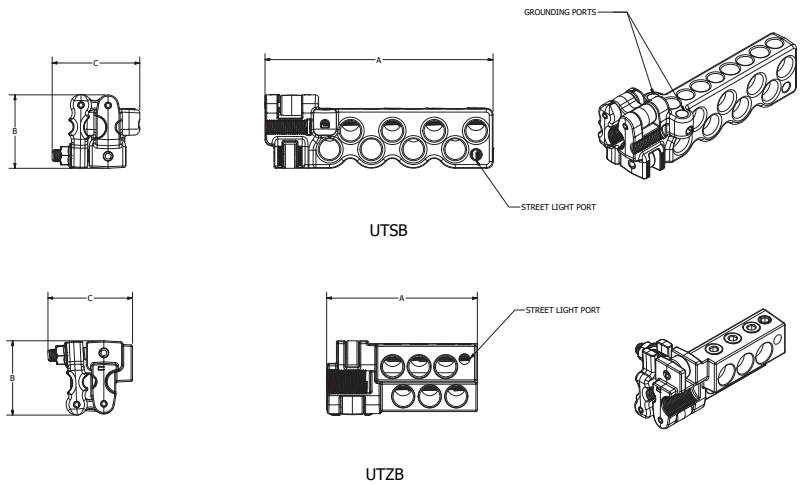
- For connecting secondary underground applications to transformer studs.
- Innovative “Toggle Latch” mechanism provides unmatched ease of installation, along with superior electrical performance.
- Reduced inventory; one part accepts both 5/8”-11 and 1”-14 thread transformer studs.
- Oxide Inhibiting Compound provided as standard in stud and tap holes.
- 5/16” allen set screws provide constant pressure on conductors.
- Testing meets or exceeds ANSI C119.6 Class “A” tests.
- Redundant ground ports provided for use on neutral phase connections (UTSB).
- Toggle nut is 3/4” across flats, fits standard GP223 Speed Wrench.

Material: **Body** - Aluminum Alloy
Hardware - High Strength Steel
Set Screws - Aluminum Alloy
Boot/Cover - Poly-vinyl Chloride (PVC)

Note: Not suitable for submersible installations.

Add suffix “C” to include clear PVC cover
(ex: UTZB6500CL)

Part number for clear cover only:
CTL6500 (for UTZB)
CTL8500 (for UTSB)



Product Data

CATALOG NUMBER	X'FORMER STUD SIZE	CONDUCTOR RANGE			MAIN PORTS	STREET LIGHT PORTS	GROUND PORTS	DIMENSIONS		
		MAIN PORTS	STREET LIGHT PORT	REDUNDANT GROUND				A	B	C
UTZB6500L	5/8”-11 & 1-1/4”	#6 SOL - 500 MCM (0.162 - 0.813”)	#12 SOL - 1/0 SOL (0.081” - 0.325”)	N/A	6	1	-	6.240”	3.040”	3.500”
UTZB6500CL										
UTSB8500L				#12 SOL - #2 SOL (0.081-0.258”)	8	1	2	9.450”	3.040”	3.630”
UTSB8500CL										

About Hubbell Power Systems

Hubbell Power Systems (HPS) manufactures a wide variety of transmission, distribution, substation, OEM and telecommunications products used by utilities. HPS products are also used in the civil construction, transportation, gas and water industries. Our product line includes construction and switching products, tools, insulators, arresters, pole line hardware, cable accessories, test equipment, transformer bushings and polymer precast enclosures and equipment pads.

Because Hubbell has a policy of continuous product improvement. We reserve the right to change design and specifications without notice.

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