



DISTRIBUTION PRODUCTS

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DISTRIBUTION CONNECTORS

SECTION DD

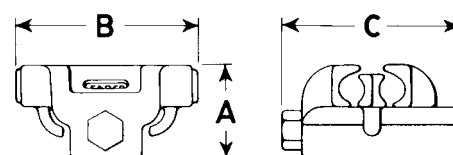
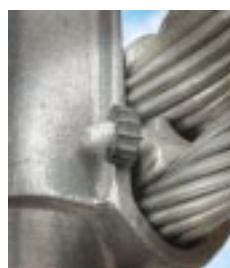
GENERAL USE VISE TYPE ALUMINUM SINGLE BOLT ALUMINUM TO ALUMINUM AND/OR ALUMINUM TO COPPER

ALUMINUM
GA9000

- Recommended for aluminum or aluminum to copper distribution, service or tap connections.
- Add Suffix “G” to catalog number for neoprene grommets for “hot” work. 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



- Material: Body—Aluminum alloy
Spacer—Aluminum
Hardware—Stainless steel “SS” suffix or aluminum alloy (std.)
- Options: Snap-On Cover (See Column) (B-Suffix)
Torque-Head Bolts (Add “O” Suffix)
Grommets “G” suffix
“L” Inhibitor applied (std.)
“AA” - Class AA rated
Ex: GA9020GAASSB2 or GA9041GLOB3 construction



“G” Grommet Suffix
Optional grommet aids in positioning spacer bar for “hotstick” work or assembly. See note below.

DD
1

SINGLE BOLT ALUMINUM CONNECTORS										A INCHES (MM)	B INCHES (MM)	C INCHES (MM)	APPROX. WT. EACH LBS. (KG)	INSULATED SNAP-ON COVER
CATALOG NUMBER		CONDUCTOR RANGE												CATALOG NUMBER
		RUN				TAP								
		MAX.		MIN.		MAX.		MIN.						
STANDARD	CLASS AA	ACSR	AL.	ACSR	AL.	ACSR	AL. OR CU.	ACSR	AL. OR CU.					
GA9003L**	GA9003AA	4	2 Sol.	6	8 Sol.	4	2 Sol.	6	8 Sol.	7/8 (22.27)	1 1/4 (31.81)	1 3/4 (44.54)	.17 (.08)	GA9000B2**
GA9002L**	GA9002AA	2	1 Str.	6	6 Sol.	2	1 Str.	6	12 Sol.	1 1/8 (28.63)	1 7/8 (47.72)	2 1/8 (54.08)	.23 (.10)	GA9000B2**
GA9020LSS**	GA9020AASS	1/0	2/0 Str.	6	6 Sol.	1/0	2/0 Str.	6	6 Sol.	1 1/4 (31.81)	2 1/8 (54.08)	2 3/8 (60.44)	.34 (.15)	GA9000B2**
GA9040L**	GA9040AA	4/0	4/0 Str.	2	1 Str.	4/0	4/0 Str.	2	1 Str.	1 1/2 (38.18)	2 3/4 (69.99)	3 1/8 (79.53)	.55 (.25)	GA9000B3**
GA9041L**	GA9041AA	4/0	4/0 Str.	2	1 Str.	2/0	2/0 Str.	6	6 Sol.	1 1/2 (38.18)	3 3/8 (85.89)	3 1/8 (79.53)	.58 (.26)	GA9000B3**
GA9405L	GA9405AA	3/0	3/0 Str.	4	4 Str.	-	4 Str.	-	12 Sol.	1 1/2 (38.18)	1 7/8 (47.72)	2 1/2 (63.63)	.44 (.20)	GA9000B2**
GA9400L	GA9400AA	336,400	397,500	3/0	4/0 Str.	336,400	397,500	3/0	4/0 Str.	2 1/16 (52.50)	3 1/2 (89.08)	3 1/2 (89.08)	.78 (.35)	GA9000B3**
GA9401L	GA9401AA	336,400	397,500	3/0	4/0 Str.	4/0	266,800	6	6 Sol.	2 1/16 (52.50)	4 (101.80)	3 1/2 (89.08)	.84 (.38)	GA9000B3**
GA9842L**	GA9842AA	666,000	800,000	4/0	266,800	2/0	2/0	6	6 Sol.	2 (50.90)	3 5/8 (92.26)	3 3/4 (95.44)	.80 (.36)	GA9000B3**
GA9843L**	GA9843AA	666,000	800,000	4/0	266,800	4/0	4/0	2	1 Str.	2 (50.90)	3 5/8 (92.26)	3 3/4 (95.44)	.88 (.40)	GA9000B3**
CONNECTORS FOR SPECIAL APPLICATIONS														
GA9404L	GA9404AA	4/0	4/0	4	4 Str.	-	10 Sol.	-	12 Sol.	1 1/8 (28.63)	1 7/8 (47.72)	2 1/8 (54.08)	.39 (.18)	GA9000B2**
GA9844L		666,000	800,000	477,000	477,000	336,400°	397,500	4/0	266,800	3 (76.35)	3 (76.35)	4 3/4 (120.89)	1.24 (.56)	GA9000B5**
GA9954L	GA9954AA	795,000 *	954,000	-	795,000	-	336,400	-	1/0	3 (76.35)	3 (76.35)	4 3/4 (120.89)	1.24 (.56)	GA9000B5**

*795 ACSR 26/7

** RUS Listed

Feature: “G” – Neoprene grommets for “hotstick” work. Soft flexible grommets hold the spacer bar in position for easy installation of the run and tap. The grommets do not interfere with the smooth operation of the connector.

DD-1

DISTRIBUTION CONNECTORS



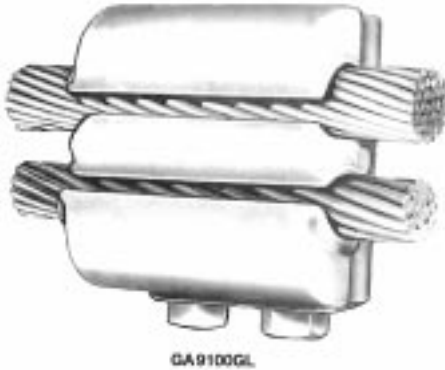
GENERAL USE
VISE TYPE
TWO- BOLT EXTENDED RANGE
ALUMINUM

ALUMINUM TO ALUMINUM AND/OR ALUMINUM TO COPPER

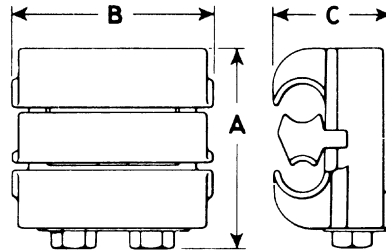
ALUMINUM
GA9000

- Heavy duty construction for aluminum to aluminum or aluminum to copper conductor connections.
- Sealant is recommended for all connections.

Material: Body—Aluminum alloy
Spacer—Aluminum
Hardware—Aluminum alloy or stainless steel



GA9100GL



“A” Dimension depends on bolt extension/conductor size opening.



“G” Grommet Suffix
Optional grommet aids in positioning spacer bar for “hotstick” work or assembly. See note below.



GA9520GL



GA9000Bx Series Snap-On Cover

ALUMINUM CONNECTORS FOR ALUMINUM TO ALUMINUM													
CATALOG NUMBER		CONDUCTOR RANGE								APPROX. DIMENSIONS INCHES			APPROX. WT. EACH LBS. (KG)
		RUN				TAP							
		MAX.		MIN.		MAX.		MIN.					
STANDARD	CLASS AA	ACSR	AL.	ACSR	AL.	ACSR	AL/ CU	ACSR	AL/ CU	(NOMINAL) A (MM)	B (MM)	C (MM)	
GA9520GL*	GA9520GLAA*	477,000	600,000	4/0	4/0	477,000	600,000	4/0	4/0	4 (101.80)	4 1/4 (108.16)	2 1/2 (63.63)	1.44 (.65)
GA9521GL*	GA9521GLAA*	477,000	600,000	4/0	250,000	4/0	266,800	4	4 Str.	4 (101.80)	4 1/4 (108.16)	2 1/2 (63.63)	1.52 (.69)
GA9820GL	GA9820GLAA	795,000†	800,000	336,400	477,000	795,000†	800,000	336,400	477,000	5 1/2 (139.98)	4 1/2 (114.53)	2 3/4 (69.99)	2.40 (1.09)
GA9821GL	GA9821GLAA	795,000†	800,000	336,400	477,000	397,500†	477,000	3/0	4/0	5 1/2 (139.98)	4 1/2 (114.53)	2 3/4 (69.99)	2.30 (1.04)
GA9100GL	GA9100GLAA	1,272,000	1,500,000	636,000	795,000	1,272,000	1,500,000	636,000	795,000	5 3/4 (146.34)	6 1/4 (159.06)	2 7/8 (73.17)	4.50 (2.04)
GA9101GL	GA9101GLAA	1,272,000	1,500,000	636,000	795,000	636,000	795,000	336,400	336,400	5 3/4 (146.34)	6 1/4 (159.06)	2 7/8 (73.17)	4.60 (2.09)

* For insulated Snap-On Cover – order Catalog No. GA9000B4.

† 26/7 ACSR

Feature: “G” – Neoprene grommets for “hotstick” work. Soft flexible grommets hold the spacer bar in position for easy installation of the run and tap. The grommets do not interfere with the smooth operation of the connector.



DISTRIBUTION CONNECTORS

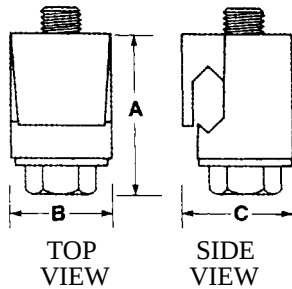
SECTION DD

GENERAL USE VISE TYPE BRONZE COPPER TO COPPER

BRONZE
**GC5000
SERIES**



Connector with
Torque Head Bolt



- 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
- Easily installs with live line tools

Material: Body—Copper Alloy
Hardware—Stainless Steel or Silicon Bronze alloy

Options: Suffix "O" Torque Head Bolt
Suffix "P" Tin Plated

DD
3

CATALOG NUMBER	CONDUCTOR RANGE		DIA. RANGE (2 COND. COMBO.)	A (MM)	B (MM)	C (MM)	WT. EA. LB (KG)	BOLT HEAD (HEX.)	
	MAX. 2 CONDUCTORS	MIN. 2 CONDUCTORS	DIA. EA. COND. MAX. – MIN.						
GC5008SH*	#8 STR.	#11 SOL.	.146" - .091" (3.72-2.32)	7/8" (22.7)	5/8" (15.91)	5/8" (15.91)	.06 (.03)	3/8" (10)	
GC5006**	#6 SOL.	#10 SOL.	.162"- .101" (4.12-2.57)	1" (25.45)		3/4" (19.09)	.09 (.04)		
GC5006SH*						7/8" (22.27)	.16 (.07)		
GC5004†**	#4 STR.	#8 SOL.	.232"- .128" (5.9-3.26)	1 1/4" (31.81)	3/4" (19.09)	7/8" (22.27)	.16 (.07)	9/16" (14)	
GC5002†**	#2 SOL.	#6 SOL.	.286"- .162" (7.28-4.12)	1 3/8" (34.99)		1" (25.45)	.18 (.08)		
GC5002S†**	#2 STR.	#5 SOL.	.320"- .181" (8.14-4.61)	1 5/8" (41.36)		1 1/8" (28.63)	.28 (.13)		
GC5020†**	1/0 STR.	#4 SOL.	.390"- .204" (9.93-5.19)	1 7/8" (47.72)		7/8" (22.27)			1 1/4" (31.81)
GC5020S†**	2/0 STR.	#3 SOL.	.438"- .229" (11.15-5.83)	2" (50.90)		1" (25.45)			1 3/8" (34.99)
GC5040†**	4/0 STR.	#1 SOL.	.552"- .289" (14.05-7.36)	2 1/8" (54.08)					

* SH suffix indicates a slotted hex-head bolt.

† For torque head bolts for permanent ground or concentric neutral applications, add suffix "O" to catalog number.

**RUS Listed

For tin plated bronze connectors, add suffix "P" to catalog number (not available on GC5008SH)

Note: All connectors will accept one or two of the conductors listed and any combination in between.

DISTRIBUTION CONNECTORS

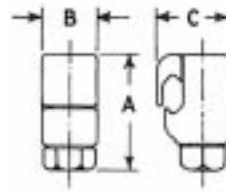

 GENERAL USE — GROUNDING AND BONDING
 VISE TYPE
 BRONZE

BRONZE - GC SERIES

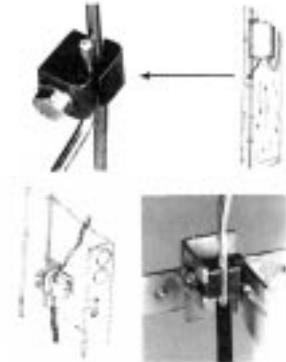
**GC100 /
200 / 5000**

For copper to copper connections or conductor to conductor and conductor/cable sheath to bar

Material: Body - copper alloy
 Bolt - stainless steel or silicon bronze slotted head hex



GC5000 Series



CATALOG NUMBER	RANGE				APPROX. DIMENSIONS (IN.)					WT LB (KG)
	CONDUCTOR COMBINATIONS		CABLE SHEATH BONDING		A (MM)	B (MM)	C (MM)	BOLT		
	RUN	TAP						DIA.	WRENCH	
GC271††	4-6 4 Sol - 6 Str.	6-14	1 to 3	2 pair	1 (25.45)	5/8 (15.90)	3/4 (19.08)	1/4 (6.36)	3/8 (10)	.08 (.04)
GC5006SH††	6	6-14	1 to 3	2 pair	1 (25.45)	5/8 (15.90)	3/4 (19.08)	1/4 (6.36)	3/8 (10)	.09 (.04)
GC5006†**	6	6-14	1 to 3	2 pair	1 (25.45)	5/8 (15.90)	3/4 (19.08)	1/4 (6.36)	3/8 (10)	.09 (.04)
GC5004†**	4	4-8	1 to 3	2 pair	1 1/4 (31.81)	5/8 (15.90)	7/8 (22.26)	5/16 (7.95)	9/16 (14)	.16 (.07)
			1	5 pair						
GC5002**	2	2-6	-	-	1 3/8 (35.00)	3/4 (19.08)	1 (25.45)	5/16 (7.95)	9/16 (14)	.18 (.08)

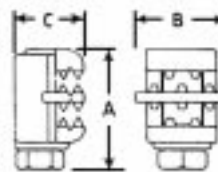
* Slotted Head Bolt

† Complies with UL-467 and ETL listed

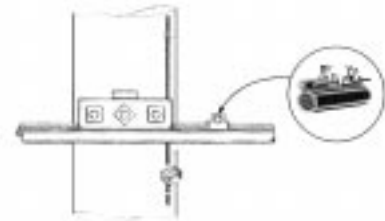
**RUS Listed

For Figure 8 or IM Cable – Insulation Piercing

The piercing teeth of the connector puncture the messenger insulation during tightening to form a positive ground without skinning.



GC167



CATALOG NUMBER	DIAMETER		APPROX. DIMENSIONS INCHES (MM)					WT LB (KG)
	MESSENGER (MM)	GROUND TAP (MM)	A (MM)	B (MM)	C (MM)	BOLT		
						DIA.	WRENCH	
GC167	.146" - .312" (3.71-7.94)	.146" – .312" (3.71-7.94)	1 5/8 (41.36)	1 1/4 (31.81)	1 (25.45)	5/16 (7.95)	9/16 (14)	.21 (.10)
GC167P								.21 (.10)

*Suffix P – Tin-Plated Bronze



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE – GROUNDING AND BONDING VISE TYPE BRONZE

For Bonding Ribbon, Braid and Tape

Bonding ribbon or braid to bonding ribbon, braid, conductor, or bus and tape to messenger.

CATALOG NUMBER	BONDING RIBBON OR BRAID		APPROX. DIMENSIONS INCHES					WT LB (KG)
	CONNECT	TO	A (MM)	B (MM)	C (MM)	BOLT		
						DIA.	WRENCH	
GC164 GC164P†	Ribbon or Braid	Ribbon, Braid, #6 or Bus	1 (25.45)	5/8 (15.90)	1 (25.45)	1/4 (6.36)	3/8 (10)	.12 (.05)

† Plated Bronze

For Ground Rods

Conductor to ground rods, using vise-type compression connector.

CATALOG NUMBER	RANGE		APPROX. DIMENSIONS INCHES					WT LB (KG)
	ROD DIA. (IN.) (MM)	CONDUCTOR	A (MM)	B (MM)	C (MM)	BOLT		
						DIA.	WRENCH	
GC268†	1/4 – 5/8 (6.36-15.90)	6-1/0	2 (50.80)	1 (25.45)	1 3/8 (35.00)	3/8 (9.54)	9/16 (14)	.43 (.19)

* Torque head bolts available for tamperproof, removeable connection.

†Complies with UL-467 and ETL listed

For Lashing Wire

Connect small diameter lashing wires to messengers.

CATALOG NUMBER	MESSENGER DIAMETER RANGE	LASHING WIRE	APPROX. DIMENSIONS INCHES					WT LB (KG)
	CONNECT (MM)	TO	A (MM)	B (MM)	C (MM)	BOLT		
						DIA.	WRENCH	
GC166 GC166P	.245" - .500" (6.23-12.73)	All Sizes	1 1/2 (38.18)	7/8 (22.26)	1 (25.45)	1/4 (6.36)	3/8 (10)	.16 (.07)

Suffix P- Plated Bronze

For Guy Strand

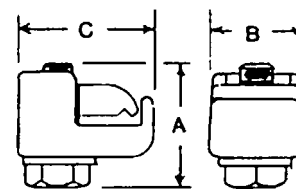
Aluminum bodied connectors for connecting galvanized or aluminum clad strand to copper conductors. Vise Type Parallel Connector.

CATALOG NUMBER	STRAND RANGE (IN.) (MM)	CONDUCTOR RANGE	APPROX. DIMENSIONS INCHES			WT LB (KG)
			A	B	C	
GA9003L**	1/4 (6.36)	4-8	7/8 (22.26)	1 1/4 (31.81)	1 3/4 (44.54)	.17 (.08)
GA9002L**	1/4 – 3/8 (6.36-9.54)	4-8	1 1/8 (28.63)	1 7/8 (47.72)	2 1/8 (54.08)	.23 (.10)
PARALLEL GROOVE TYPE						
LC52AXB**	1/4 – 3/8 (6.36-9.54)	2/0 – 8	2 3/8 (60.44)	1 5/8 (41.36)	1 3/8 (35.00)	.20 (.09)

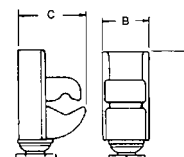
* Inhibitor Protected and Individually Packaged – Standard

† Bimetallic Liner on Tap Side – Copper

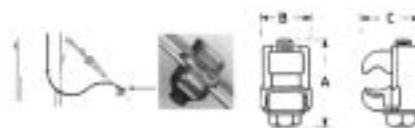
**RUS Listed



GC164

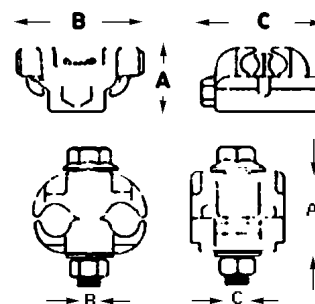


GC268



GC166

GA9000 Series



LC50 Series

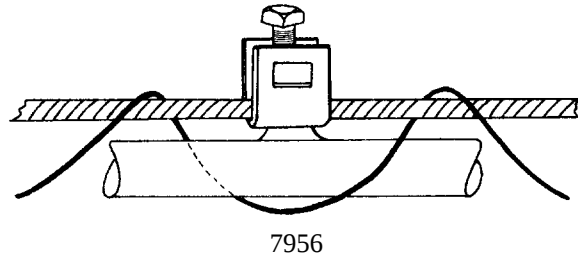
DISTRIBUTION CONNECTORS

GENERAL USE – GROUNDING AND BONDING
VISE TYPE— BRONZE

STEEL
7956

Ground Clamp

Connection is soldered to the cable sheath and mechanically clamped to the messenger wire. The bolt can be removed so that the clamp can be dropped over the messenger. Hot dip galvanized.



CATALOG NUMBER	STEEL SIZE	LENGTH	BOLT SIZE	APPROX. SHIP WT LBS PER 100 PIECES
7956	3/16 X 1 3/4	1 3/4	1/2 X 1 3/4	61

STEEL
5450

Ground Wire Clamp

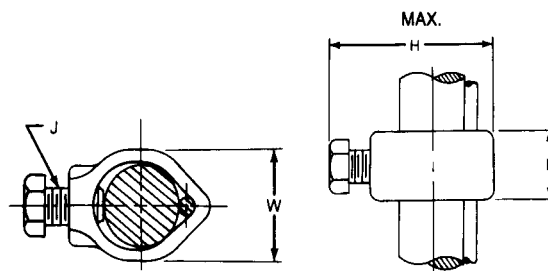
Ground Wire Clamp is used to attach ground or static wires to bayonets. No. 5450 is 1/2" J-Bolt which fits into two holes at top of bayonet.



CATALOG NUMBER	BAYONET HOLE SPACING	APPROX. SHIP WT LBS PER 100 PIECES
5450	15/16"	39

BRONZE GROUNDING CONNECTOR
WIRE TO ROD OR PIPE

BRONZE
GC / C203



Bronze alloy ground clamp for grounding copper cable parallel to a ground rod or tube.

- Suitable for Direct Burial

Material: GC—Casting—bronze alloy
Hardware—stainless steel
C203—Casting—galvanized steel
Hardware—Zinc plated

CATALOG NUMBER	COPPER CABLE RANGE	ROD DIA.	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)
			L	H	W	J	
GC4	#8 Sol.—#4 Str.	1/2	5/8 (15.88)	1-7/8 (47.62)	13/16 (20.64)	3/8 (9.52)	.09 (.04)
GC5 / G5*	#10 Sol.—#2 Str.	5/8	5/8 (15.88)	1-19/32 (40.39)	29/32 (23.11)	3/8 (9.52)	.11 (.05)
GC6	#8 Sol.—#4 Str.	3/4	3/4 (19.05)	2-1/8 (53.98)	1-1/32 (26.19)	3/8 (9.52)	.13 (.06)
C2030344 Heavy Duty	#8 Sol.—2/0 Str.	5/8	1-1/8 (28.6)	2-7/8 (73.0)	1-15/32 (37.3)	1/2 (12.7)	.34 (.15)
C2030345 Heavy Duty	#8 Sol.—2/0 Str.	3/4	1-1/8 (28.6)	2-7/8 (73.0)	1-15/32 (37.3)	1/2 (12.7)	.30 (.14)

*For silicon bronze bolt, order as "GC5".



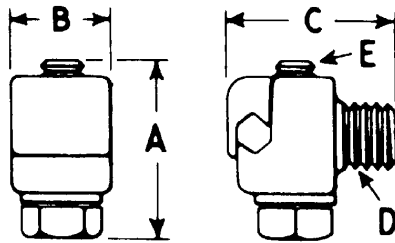
DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE — BRONZE VISE TYPE GROUND CLAMP LIGHTNING ARRESTER GROUND

BRONZE
GC200 SERIES

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



GC-207-209



FIGURE 1 TYPE

- NOTE: Lightning Arrester type installations, see page DC-9.

Material: Body - Copper Alloy
Hardware - Stainless Steel

BRONZE GROUNDING CONNECTOR							
CATALOG NUMBER	CONDUCTOR RANGE	APPROX. DIMENSIONS INCHES (MM)					WT LB (KG)
		A	B	C	D	E	
GC207+** (Fig. 1)	6 Sol. To 1/0 Str.	1 1/4 (31.81)	3/4 (19.09)	1 7/8 (47.72)	1/2 (12.73)	5/16 (7.95)	.21 (.10)
GC208+ (Fig. 1)	4 Str. To 2/0 Str.	1 5/16 (33.40)	13/16 (20.68)	1 7/8 (47.72)	1/2 (12.73)	5/16 (7.95)	.29 (.13)
GC209*+ (Fig. 1)	3 Sol. To 4/0 Str.	1 1/2 (38.18)	1 1/8 (28.63)	1 3/4 (44.54)	1/2 (12.73)	5/16 (7.95)	.40 (.18)

*GC209 is furnished with bronze jam nut on stud.

+Add Suffix "P" for Tin Plated Version (Minimum purchase quantities may apply)

**RUS Listed

Provides a permanent vibration proof connection. The large flat surface of the male casting provides secure mounting, while the "V" shaped conductor groove assures alignment of grounding connector.



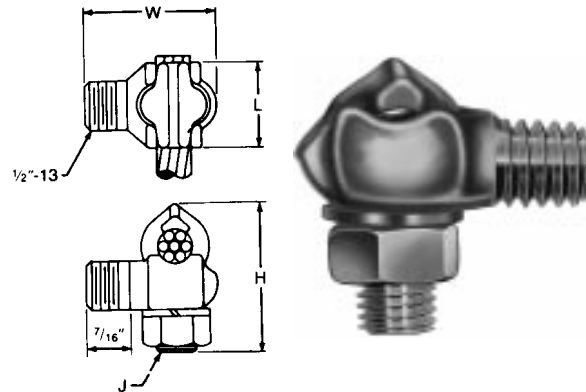
**BRONZE GROUND CLAMP
CONDUCTOR TO TRANSFORMER TANK
TYPE GTCL: 90° GROUND CONDUCTOR MOUNT**

BRONZE
GTCL

- Bronze alloy ground clamp for tapping copper conductor to transformer tank.
- Tapered threads at base of stud ensure positive locking and electrical contact without lockwashers.

Material: Casting—bronze alloy
 Eyebolt—bronze alloy
 Hardware—silicon bronze or stainless steel

Add suffix "TP" for tin plated version



CATALOG NUMBER	COPPER CABLE RANGE	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)
		L	H	W	J	
GTCL23A*	#10 Sol.—#1 Str.	7/8 (22.22)	1-1/2 (38.1)	1-3/8 (34.92)	3/8 (9.52)	.20 (.09)
GTCL34A*	#8 Sol.—2/0 Str.	1 (25.4)	1-7/8 (47.62)	1-17/32 (38.89)	3/8 (9.52)	.25 (.11)

*RUS Listed

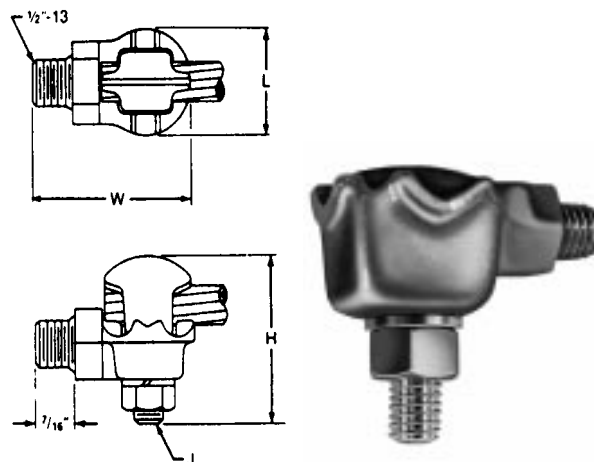
BRONZE
GTCS

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

- 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 or stainless steel

Add suffix "TP" for tin plated version



CATALOG NUMBER	COPPER CABLE RANGE	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)
		L	H	W	J	
GTCS21	#10 Sol.—#1 Str.	1-1/8 (28.58)	1-5/8 (41.28)	1-7/8 (47.62)	3/8 (9.52)	.29 (.13)
GTCS34A	#8 Sol.—2/0 Str.	1-1/4 (31.75)	1-7/8 (47.62)	2-1/4 (57.27)	3/8 (9.52)	.34 (.15)
GTCS41	#6 Sol.—250 MCM	1-5/8 (41.28)	2-3/8 (60.32)	2-1/2 (63.5)	1/2 (12.7)	.45 (.20)



DISTRIBUTION CONNECTORS

SECTION DD

BRONZE GROUNDING POST CONNECTOR TYPES KS & K2S

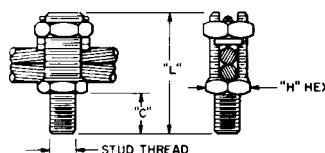
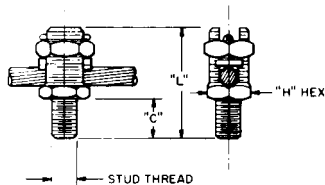
BRONZE
KS / K2S



FIGURE 2
TYPE K2S
FOR TWO WIRES



FIGURE 1
TYPE KS
FOR ONE WIRE



- For copper to copper conductor connections. One or two copper conductors to steel structure or transformer for grounding. Also useful as a bar tap for cable to bus bar.

Material: Copper Alloy

486A
467



LISTED
261L

CATALOG NUMBER	FIGURE NUMBER	CONDUCTORS – AWG		STUD THREAD	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)
		STRANDED	SOLID		C	H	L	
KS6	1	#10–#7	#10–#6	1/4-20	1/2 (12.7)	7/16 (11.11)	1-5/16 (33.34)	.06 (.027)
K2S6	2	#10–#7	#10–#6	1/4-20	1/2 (12.7)	7/16 (11.11)	1-15/32 (37.30)	.07 (.032)
KS4	1	#10–#5	#10–#4	5/16-18	9/16 (14.29)	1/2 (12.7)	1-1/2 (38.10)	.08 (.036)
K2S4	2	#10–#5	#10–#4	5/16-18	9/16 (14.29)	1/2 (12.7)	1-22/32 (43.63)	.09 (.041)
KS2	1	#10–#3	#10–#2	3/8-16	5/8 (15.88)	9/16 (14.29)	1-19/32 (40.46)	.12 (.055)
K2S2	2	#10–#3	#10–#2	3/8-16	5/8 (15.88)	9/16 (14.29)	1-7/8 (47.63)	.13 (.059)
KS1	1	#8–#2	#8–#1	3/8-16	5/8 (15.88)	5/8 (15.88)	1-3/4 (44.45)	.13 (.059)
K2S1	2	#8–#2	#8–#1	3/8-16	5/8 (15.88)	5/8 (15.88)	2 (50.80)	.15 (.068)
KS10	1	#2–1/0	#2-1/0	1/2-13	3/4 (19.05)	3/4 (19.05)	2-1/16 (52.40)	.18 (.082)
K2S10	2	#2–1/0	#2-1/0	1/2-13	3/4 (19.05)	3/4 (19.05)	2-7/16 (61.91)	.20 (.091)
KS20	1	#2–2/0	#2-2/0	1/2-13	3/4 (19.05)	7/8 (22.23)	2-3/16 (55.57)	.26 (.118)
K2S20	2	#2–2/0	#2-2/0	1/2-13	3/4 (19.05)	7/8 (22.23)	2-9/16 (65.09)	.29 (.132)
KS40	1	#1–4/0	#1-4/0	5/8-11	1 (25.4)	1-1/8 (28.58)	2-5/8 (66.68)	.55 (.25)
K2S40	2	#1–4/0	#1-4/0	5/8-11	1 (25.4)	1-1/8 (28.58)	3-1/8 (79.38)	.59 (.27)
KS500	1	3/0–500	—	3/4-10	1-1/4 (31.75)	1-5/8 (41.28)	3-5/8 (92.09)	1.30 (.591)
K2S500	2	3/0–500	—	3/4-10	1-1/4 (31.75)	1-5/8 (41.28)	4-1/2 (114.30)	1.32 (.60)

DD
9

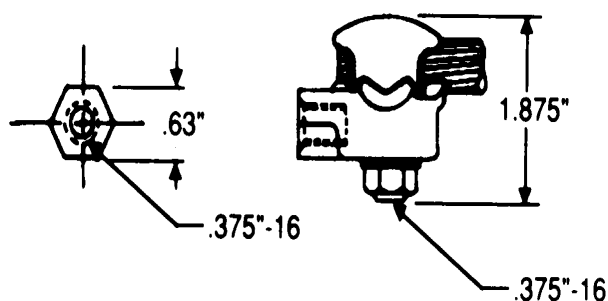
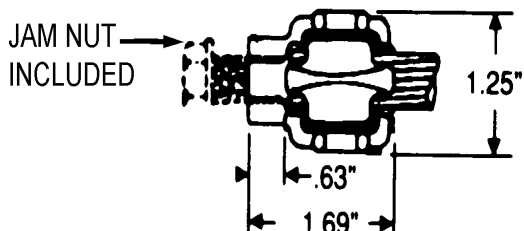


LIGHTNING ARRESTER GROUNDING TERMINALS
TYPE LAT AND GC207LA
BRONZE DISTRIBUTION ARRESTER TERMINALS
 (See also Page DC9 — DC10)

BRONZE
LAT, GC207LA

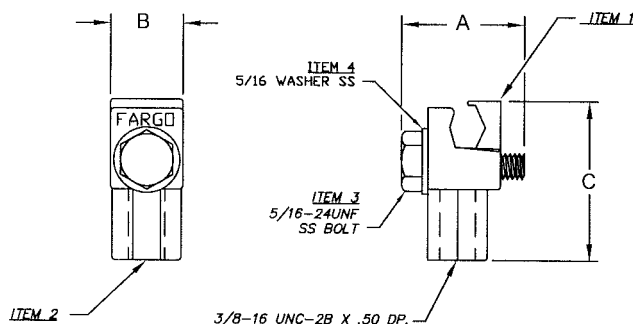
- This versatile bronze connector can be mounted to a drilled plate, structure or bar using a 3/8"-16 cap screw. It can also be screwed onto a 3/8"-16 bushing stud and secured in place with the included jam nut. The eyebolt can be positioned within the body to allow either vertical or horizontal conductor entrances.

Material: Casting — bronze alloy
 Eyebolt — bronze alloy
 Hardware — silicon bronze
 — brass jam nut



CATALOG NUMBER	STUD SIZE	CONDUCTOR RANGE O.D.	LENGTH INCHES (MM)	APPROX. WT. 100 LBS. (KG)
LAT20	3/8" - 16	8 Sol. - 2/0 Str. .12" - .42" O.D.	1.69 (43)	40 (18)

Add suffix "TP" for tinplated connector



- This connector is intended primarily for bottom termination of lightning arresters to ground. May also be employed on top connections.

Material: Casting — bronze alloy
 Eyebolt — bronze alloy
 Hardware — stainless steel

NOTE: See page DC-9 – DC-10 for application details

CATALOG NUMBER	STUD SIZE	CONDUCTOR RANGE O.D.	LENGTH INCHES (MM)	APPROX. WT. 100 LBS. (KG)
GC207LA	3/8" - 16	#6 Sol. - 1/0 Str. .12" - .42" O.D.	1.69 (43)	40 (18)

Add suffix "P" for tinplated connector



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE IN-SPAN PHASE CONNECTOR AND HOUSING

ALUMINUM

GM128

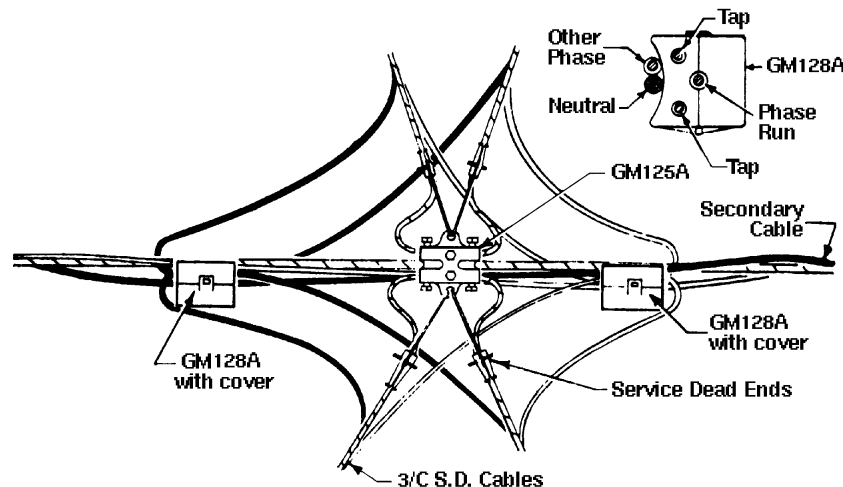
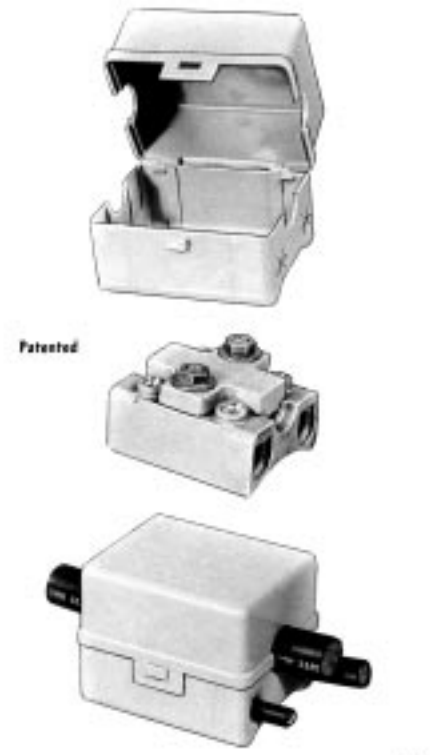
This in-span phase connector is designed for use on open wire or multiple cable secondaries to permit aesthetic readily accessible service connections.

The connector body is constructed of high strength aluminum for optimum corrosion resistance and light weight. The 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)

DD-11



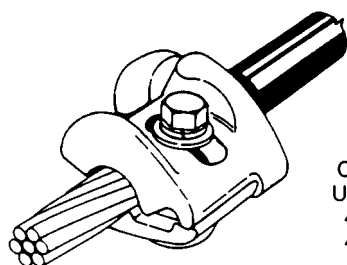
TYPE APD
ARC PROTECTION FOR COVERED PRIMARY CONDUCTOR

ALUMINUM

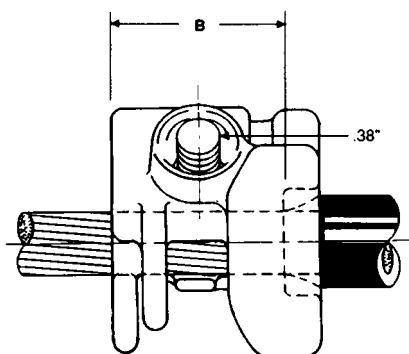
APD



Three Phase Pole Top with APD Lightning Protectors in Place. (Only one unit is required on the load side of the line at each support for a radial circuit)



Covered by
U.S. Patents
4,398,057
4,396,794



- The APD helps prevent lightning induced burndowns of covered overhead aluminum primary conductors and allows users to comply with Article 276 of the National Electric Safety Code, 1981 Edition.
- The device protects covered conductor by shielding it from the usual concentration of arc energy generated during a lightning strike. Without the device, such arcs can puncture the conductor cover and ground to the neutral leaving a short section of conductor strands that are either completely destroyed or badly eroded and seriously weakened. (Conventional overcurrent protection equipment does not operate fast enough to protect these lightning exposed conductors.) APD lightning protectors add mass of the correct shape to the conductor in the area where it absorbs the terminus of arc energy. It is thus a partially sacrificed component during each strike yet retains enough of its original mass and configuration to accommodate several strikes without losing effectiveness or allowing the adjacent line insulator to be splattered with damaging metallic particles.
- APD lightning protectors are both laboratory tested and field proven with the same successful results. They are offered in two models. The high energy APD-80 model is designed to withstand multiple operations at 21,000 amperes fault current for ten (10) cycles without conductor damage. A low-energy APD-57 model is available for applications where fuses limit the destructive energy by clearing the fault more rapidly than circuit breakers.

Material: Castings — Aluminum alloy
Hardware—APD57—galvanized steel
APD80—stainless steel

Note: A radial circuit requires an APD protector on the load side of the insulator only, while other circuit configurations, such as loops, require that they be installed on both sides of the line insulator. In both situations, they must be installed on all conductor phases and positioned outside the end of a tie wire. The covering must be stripped away over this distance including the area within the confines of a tie wire. Since an arc from one phase to the neutral will often expand to fault all three phases, the device must be installed on all three phases.

CATALOG NUMBER (WITH INHIBITOR)	MAX. O.D. OF CABLE JACKET—INCHES	CONDUCTOR RANGE O.D. IN INCHES	DIMENSION B—INCHES (MM)	APPROX. WT. 100 LBS. (KG)
(1) APD57XB (Fused circuits)	0.906	#1-4/0 STR. AAC #2-4/0 ACSR 0.31-0.57	1.06 (27)	24 (11)
APD80XB	1.200	2/0-556.5 Str. AAC 1/0-477 (18/1) ACSR 0.39-0.86	1.87 (48)	66 (30)

(1) This item is suitable for use on fused circuits only. Specifically, it should not be installed on lines protected by circuit breakers because of their relatively slow interrupting rate.



FASTENERS AND ACCESSORIES

SECTION DD

TINNED ALUMINUM OR BRONZE TRANSFORMER SPADE TERMINALS TYPE AXS & BXS

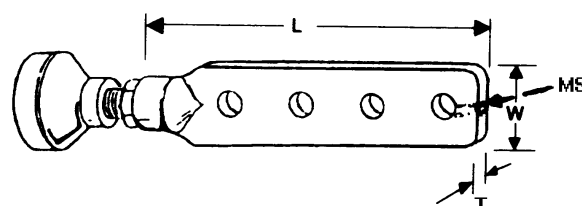
- Secured by jam nut to bushing stud.
- Recommended when copper terminals are connected (Use "AXS" style for aluminum terminals.)
- Terminal lug mounting holes are 9/16" diameter with 1-3/4" NEMA spacing. Jam nuts are usually supplied by the transformer manufacturer and are not furnished unless specified.

Material: Casting — BXS - Bronze alloy (tin-plated)
AXS - Aluminum 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.

BRONZE
BXS

ALUMINUM
AXS



DD
13

	CATALOG NUMBER	X'FORMER STUD SIZE	GENERAL DESCRIPTION & FIELD APPLICATION	DIMENSIONS INCHES (MM)			APPROX. WT. 100 LBS (KG)
				LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)	
	BXS582N	5/8"-11	Two Holes in Line NEMA Spaced For Use With One Hole Lugs	5.12 (130)	1.37 (35)	0.31 (8)	70 (32)
	BXS102N	1"-14		5.06 (129)	1.93 (49)	0.34 (9)	142 (64)
	BXS584N	5/8"-11	Four Holes in Line NEMA Spaced For Use With One Hole Lugs	8.50 (216)	1.37 (35)	0.31 (8)	120 (54)
	BXS104N	1"-14		8.56 (218)	1.93 (49)	0.34 (9)	215 (98)
	AXS584NTP	5/8"-11		8.50 (216)	1.37 (35)	0.31 (8)	36 (16)
	AXS104NTP	1"-14		8.56 (218)	2.00 (50)	0.34 (9)	65 (29)
	BXS582BN	5/8"-11	Two Sets of NEMA Spaced Holes Mounts Up to 4 Two-Holed Lugs	5.37 (136)	3.50 (89)	0.25 (6)	132 (60)
	BXS102BN	1"-14		5.87 (149)	3.50 (89)	0.37 (9)	260 (118)
	AXS582BNTP	5/8"-11		5.37 (136)	3.50 (89)	0.25 (6)	39 (18)
	BXS583BN	5/8"-11	Three Sets of NEMA Spaced Holes Mounts Up to 6 Two-Holed Lugs	6.62 (168)	3.50 (89)	0.37 (9)	256 (116)
	BXS103BN	1"-14		7.00 (178)	3.50 (89)	0.37 (9)	315 (143)
	AXS103BNTP	1"-14		7.00 (178)	3.50 (89)	0.37 (9)	94 (43)
	BXS584BN	5/8"-11	Four Sets of NEMA Spaced Holes Mounts Up to 8 Two-Holed Lugs	8.37 (213)	3.50 (89)	0.37 (9)	330 (150)
	BXS104BN	1"-14		8.75 (222)	3.50 (89)	0.37 (9)	362 (164)
	BXS123BN	1-1/4"-12	Three Sets of NEMA Spaced Holes Mounts Up to 6 Two-Holed Lugs Or Up to 12 Two-Holed Lugs If Stacked	7.12 (181)	3.50 (89)	0.37 (9)	345 (156)
	BXS124BN	1-1/4"-12	Four Sets of NEMA Spaced Holes Mounts Up to 8 Two-Holed Lugs Or Up to 16 Two-Holed Lugs If Stacked	9.12 (232)	3.50 (89)	0.37 (9)	445 (202)
	BXS126BN	1-1/4"-12	Six Sets of NEMA Spaced Holes Mounts Up to 12 Two-Holed Lugs Or Up to 24 Two-Holed Lugs If Stacked	14.00 (356)	4.00 (102)	0.50 (13)	970 (440)
	BXS128BN	1-1/4"-12	Eight Sets of NEMA Spaced Holes Mounts Up to 16 Two-Holed Lugs Or Up to 32 Two-Holed Lugs If Stacked	17.50 (445)	4.00 (102)	0.50 (13)	1300 (590)

DD-13



GENERAL USE
PARALLEL GROOVE
ALUMINUM
MULTI-TAP STREET LIGHT CONNECTOR

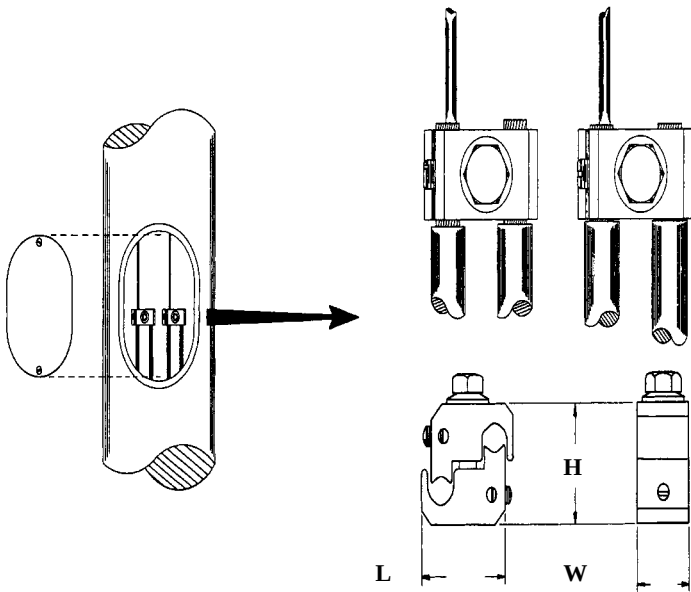
ALUMINUM
GO32

For: Aluminum to copper or Aluminum conductor

Application
The Fargo GO32 Multiple Tap Connector is designed for making street light connections in the limited space provided in tubular street light poles.

- Description**
- High strength, extruded aluminum alloy.
 - Permanent contact pressure provided by use of highstrength steel bolt and stainless steel Belleville washer.
 - Run conductor can be “looped” through the connector eliminating the need to cut the conductor.
 - Compact design allows use in even the smallest “handholes” provided in street light poles or bases.
 - Optional slip-over Plastisol boot (Catalog No. GO32B) is available for insulating the phase conductor. Inhibitor loading furnished standard.

Material: Body – Aluminum alloy
Hardware – Stainless Steel



MULTIPLE STREET LIGHT TAP CONNECTOR

CATALOG NUMBER	CONDUCTOR RANGE*		DIMENSIONS INCHES (MM)			WT LB (KG)	INSULATING COVER
	RUN	TAP	L	W	H		
GO32	#6-1/0	#12-#8	1.25 (31.81)	0.75 (19.09)	1.50 (38.18)	.09 (.04)	GO32B**

* GO32 will accept two (2) #6 sol. through 1/0 aluminum run conductors, as well as two (2) #12 through #8 AL/CU tap conductors.
** Order GO32K to receive connector and cover as a kit.



ACCESSORY TERMINAL

SECTION DD

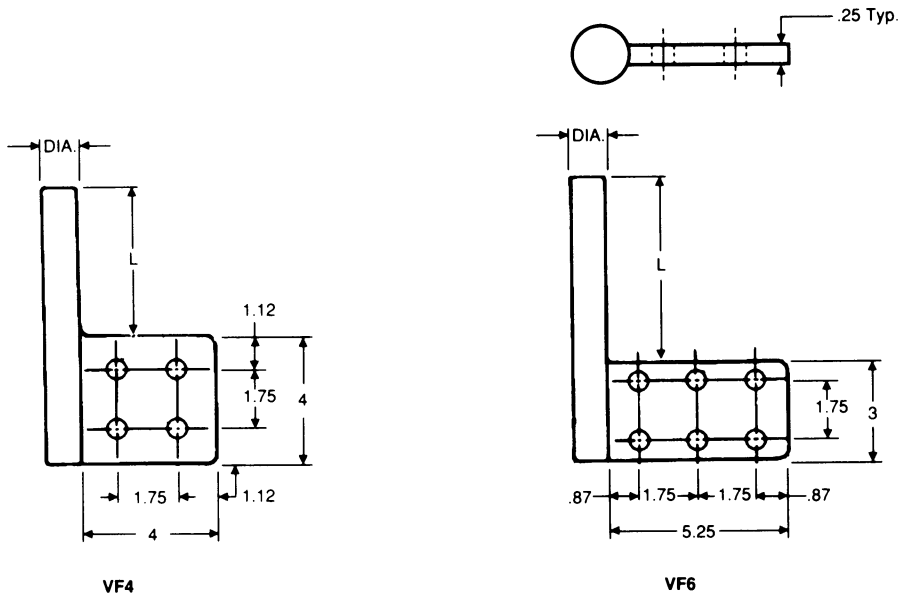
O.H. TRANSFORMER PAD ADAPTER CONNECTORS TIN PLATED BRONZE FLAG ADAPTERS USE W/EYEBOLT (GTCL/GTCS) TYPE SECONDARY BUSHING TERMINALS

BRONZE

VF

- Bronze terminal adapter for connecting a flat pad to NEMA secondary transformer terminal
- Optional for use with Type GTCL or GTCS terminals.

Material: Casting — Bronze alloy — tin plated



DD
15

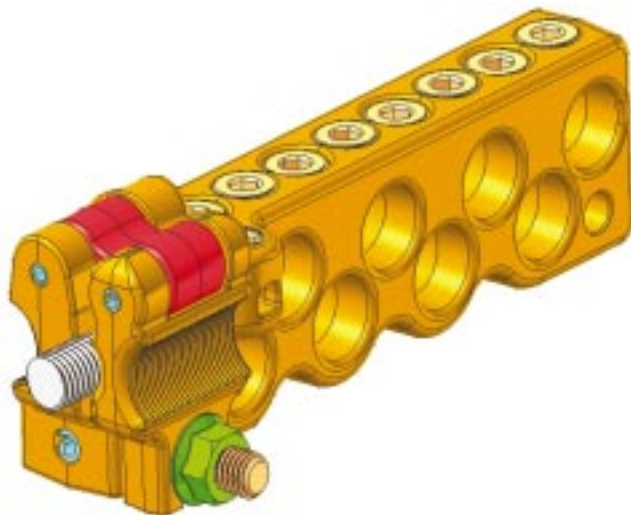
CATALOG NUMBER	NEMA DRILLED PAD & ROD DESCRIPTION	TRANSFORMER SIZE RATING (SINGLE PHASE)	DIMENSIONS—INCHES (MM)		APPROX. WT. 100 LBS. (KG)
			L	DIA.	
VF440	4 Hole 4" x 4" x 1/4" Pad	5-15 KVA	2.25 (57)	.50 (13)	165 (75)
VF640	6 Hole 3" x 5-1/4" x 1/4" Pad				180 (82)
VF4350	4 Hole 4" x 4" x 1/4" Pad	25-50 KVA	2.75 (70)	.75 (20)	216 (98)
VF6350	6 Hole 3" x 5-1/4" x 1/4" Pad				231 (105)
VF4500	4 Hole 4" x 4" x 1/4" Pad	75 KVA	4.00 (102)	.81 (21)	245 (111)
VF6500	6 Hole 3" x 5-1/4" x 1/4" Pad				260 (118)
VF41000	4 Hole 4" x 4" x 1/4" Pad	100 KVA	4.00 (102)	1.00 (25)	312 (142)
VF61000	6 Hole 3" x 5-1/4" x 1/4" Pad				327 (148)

DISTRIBUTION CONNECTORS



**SET SCREW BAR
TRANSFORMER CONNECTORS
TOGGLE LATCH**

ALUMINUM
UTSB



For connecting secondary underground applications to transformer studs.

Innovative “Toggle Latch” mechanism provides unmatched ease of installation, along with superior electrical performance.

One part accepts both 5/8"-11 and 1"-14 threads.

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.

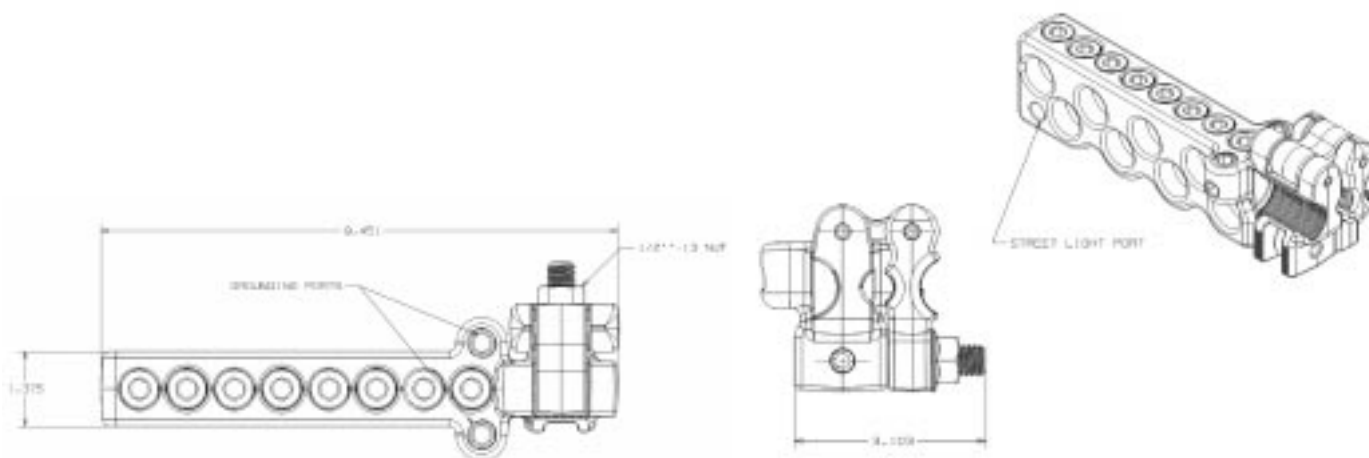
Toggle nut is 3/4" across flats, fits standard GP223 Speed Wrench.

Material: Body — Aluminum Alloy
Hardware — High Strength Steel
Boot/Cover — Poly-vinyl chloride (PVC)

Note: Not suitable for submersible installations.

CATALOG NUMBER	TRANSFORMER STUD SIZES	CONDUCTOR RANGES			MAIN PORTS	STREET LIGHT PORTS	GROUND PORTS	PACKAGING PER BOX	
		MAIN PORTS	STREET LIGHT PORT	REDUNDANT GROUND				UNITS	WEIGHT (LBS)
UTSB8500L	5/8"-11 & 1"-14"	#6 SOL - 500 MCM	#12 SOL - 1/0 SOL	#12 SOL - #2 SOL	8	1	2	12	36
		0.162" - 0.813"	0.081" - 0.325"	0.081" - 0.258"					

NOTE: Add suffix "C" for clear PVC cover included in package "UTSB8500CL. Factory applied inhibitor (HTJC) included standard.
Cover Part Number: CTL8500





DISTRIBUTION CONNECTORS

SECTION DD

SET SCREW BAR TRANSFORMER CONNECTORS TOGGLE LATCH

ALUMINUM

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 part of standard in stud and tap holes.

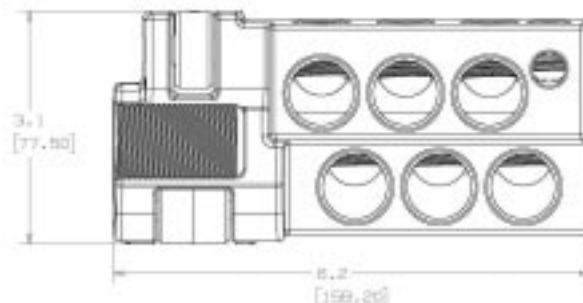
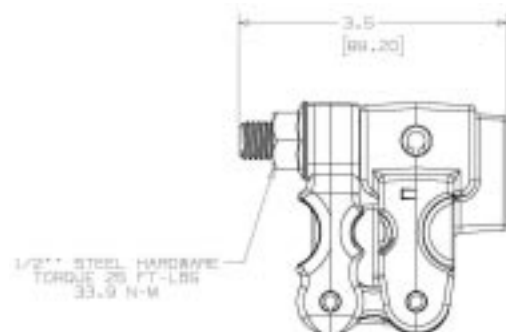
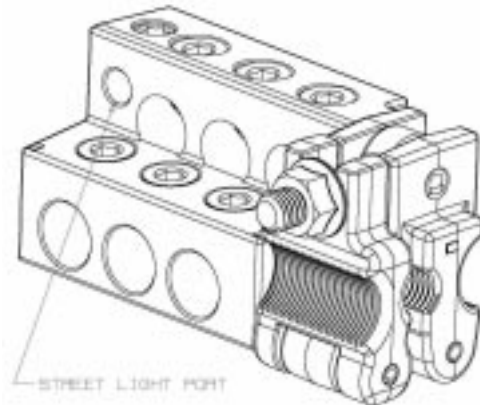
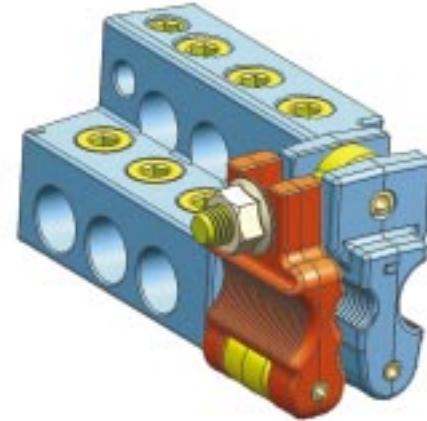
Allen head set screws (fits 5/16” allen wrench) provide constant pressure on conductors.

Meets or exceeds ANSI C119.6 Class “A” tests.

Toggle nut is 3/4” across flats, fits standard GP223 Speed Wrench.

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

Note: Not suitable for submersible installations.



Units are expressed in inches (millimeters)

CATALOG NUMBER	TRANSFORMER STUD SIZES	CONDUCTOR RANGES			MAIN PORTS	STREET LIGHT PORTS	GROUND PORTS	PACKAGING PER BOX	
		MAIN PORTS	STREET LIGHT PORT	REDUNDANT GROUND				UNITS	WEIGHT (LBS)
UTZB6500L	5/8”-11 & 1”-14”	#6 SOL - 500 MCM	#12 SOL - 1/0 SOL	#12 SOL - #2 SOL	6	1	2	12	32
		0.162” - 0.813”	0.081” - 0.325”	0.081” - 0.258”					

NOTE: Add suffix “C” for kit with stud bar & clear PVC cover (UTZB6500CL). Factory applied inhibitor (HTJC) included standard.

Cover Part Number: CZTL6500

DD
17

DISTRIBUTION CONNECTORS

SET SCREW BAR
TRANSFORMER CONNECTORS

ALUMINUM

HABW



Features:

- Designed for easy connection to/from transformer stud mounts, Slip Fit.
- Oxide Inhibiting Compound provided as standard in stud hole.
- High-Strength Aluminum Alloy provides constant bolting pressure on connectors.
- Testing meets or exceeds ANSI C119.4 Class "A" tests.
- Allen head socket set screws provided for use with 5/16" allen wrenches.

Material: Body — Aluminum Alloy
Hardware — High Strength Aluminum Alloy
Boot/Cover — Poly-Vinyl Chloride (PVC)

Note: Not suitable for submersible installations.

DD
18

CATALOG NUMBER	CONDUCTOR RANGE	NO. OF PORTS	STUD SIZE	DIMENSIONS (INCHES)			BOOT NO. (COVER)	KIT NO. (BAR & BOOT)
				LENGTH	WIDTH	HEIGHT		
HABW4350	#12 - 350 MCM	4	5/8"	6.00	0.88	1.25	SBC4350	CABW4350
HABW6350		6	5/8"	8.00	0.88	1.25	SBC6350	CABW6350
HABW8350		8	5/8"	10.00	0.88	1.25	SBC8350	CABW8350
HABW83501		8	1"	10.50	1.38	1.51	SBC83501	CABW83501
HABW6500	#6 - 500 MCM	6	1"	8.00	1.38	1.64	SBC6500	CABW6500
HABW650058		6	5/8"	7.50	1.00	1.50	SBC650058	CABW650058
HABW8500		8	1"	10.00	1.38	1.64	SBC8500	CABW8500
HABW850058		8	5/8"	9.50	1.00	1.50	SBC850058	CABW850058

"L" suffix - inhibitor protected ports.

"SL" suffix - Street Light Tap with inhibitor protected ports.

NOTES: All street light applications are inhibited. For street light tap, add suffix "SL" (ex: HABW4350SL, CABW4350SL).

For inhibited ports and no street light tap, add suffix "L" (ex: HABW4350L, CABW4350L).



DISTRIBUTION CONNECTORS

SECTION DD

SET SCREW BAR PEDESTAL CONNECTORS

ALUMINUM

HABC

Features:

- Oxide Inhibiting Compound provided as standard.
- High-Strength Aluminum Alloy provides constant bolting pressure on connectors.
- Testing meets or exceeds ANSI C119.4 Class “A” tests.
- Allen head socket set screws provided with 5/16” allen wrenches.



Material: Body — Aluminum Alloy
Hardware — High Strength Aluminum Alloy

Note: Not suitable for submersible installations.

DD
19

CATALOG NUMBER	CONDUCTOR RANGE	NO. OF PORTS	DIMENSIONS (INCHES)		
			LENGTH	WIDTH	HEIGHT
HABC4350L	#12 - 350 MCM	4	4.00	0.88	1.25
HABC6350L		6	6.00	0.88	1.25
HABC6350L		8	8.00	0.88	1.25
HABC6500L	#6 - 500 MCM	6	6.00	1.38	1.64
HABC8500L		8	8.00	1.00	1.50

"L" suffix - inhibitor protected ports.

DISTRIBUTION CONNECTORS

SET SCREW BAR
TRANSFORMER CONNECTORS

ALUMINUM

ZABW



Features:

- Designed for easy connection to/from transformer stud mounts.
- One part accepts both 5/8"-11 and 1"-14 thread transformer studs.
- Street Light Port provided as standard.
- Oxide Inhibiting Compound provided as standard.
- High-Strength Aluminum Alloy provides constant bolting pressure on connectors.
- Testing meets or exceeds ANSI C119.4 Class "A" tests.
- Allen head socket set screws provided with 5/16" allen heads.

Material: Body — Aluminum Alloy
Hardware — High Strength Aluminum Alloy
Boot/Cover — Poly-Vinyl Chloride (PVC)

Note: Not suitable for submersible installations.

DD
20

CATALOG NUMBER	CONDUCTOR RANGE		MAIN PORTS	S.L. PORT	DIMENSIONS, IN (MM)			PACKAGING PER BOX	
	MAIN	STREET LIGHT			LENGTH	WIDTH	HEIGHT	UNITS	WEIGHT (LBS)
ZABW6500L	#6 - 500 MCM	#12 SOL - #2 SOL	6	1	5.7 (143.8)	2.2 (55.6)	2.8 (71.7)	24	52

NOTE: Add suffix "C" for kit with stud bar & clear PVC cover (ZABW6500CL).
Factory applied inhibitor included standard.

KITTING INFORMATION		
CATALOG NUMBER	BOOT NO. (COVER)	KIT NO. (BAR & BOOT)
ZABW6500L	ZBC6500	ZABW6500CL



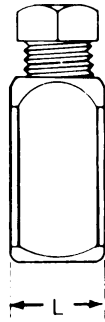
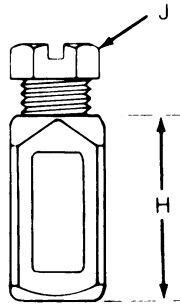
DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE PRESSURE SCREW BRONZE

BRONZE

E



- For copper to copper conductor connection.

Material: Body—Copper alloy
Hardware—Silicon Bronze

CATALOG NUMBER	CONDUCTOR RANGE (AWG)		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
	MIN.	MAX.	L	H	J	
E8	#10 Sol. Cu	#8 Str. Cu	3/8 (9.53)	9/16 (14.29)	#10 (4.04)	.018 (.01)
E6**	#8 Sol. Cu	#6 Str. Cu	7/16 (11.11)	21/32 (16.67)	1/4 (6.35)	.026 (.01)
E4**	#6 Sol. Cu	#4 Str. Cu	1/2 (12.70)	25/32 (19.84)	5/16 (7.94)	.035 (.02)
*E2	#4 Str. Cu	#2 Str. Cu	21/32 (16.67)	31/32 (24.61)	3/8 (9.53)	.073 (.03)

*Does not have slotted head.

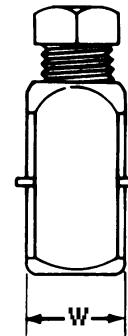
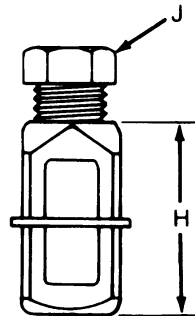
**RUS Listed

BRONZE
EPW

GENERAL USE PRESSURE SCREW W/SEPARATOR BRONZE

- For copper to copper conductor connection.

Material: Body—Copper alloy—tin plated
Hardware—Silicon Bronze



CATALOG NUMBER	CONDUCTOR RANGE (AWG)		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	W	H	J	
EPW4	#6 Sol.—#4 Str. Cu	#6 Sol.—#4 Str. Cu	1/2 (12.70)	49/64 (19.45)	5/16 (7.94)	.037 (.02)
EPW2	#4 Str.—#2 Str. Cu	#4 Str.—#2 Str. Cu	21/32 (16.67)	31/32 (24.61)	3/8 (9.53)	.076 (.03)

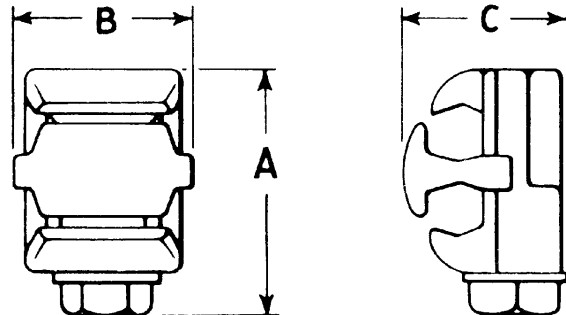
DD-21

DISTRIBUTION CONNECTORS



GENERAL USE
VISE TYPE PARALLEL GROOVE
BRONZE

BRONZE
GC8000



Suffix Construction:

"G" = Grommets — holds spacer during OH installs

"L" = Inhibitor Applied @ Factory

- For copper to copper conductor -splice, loop deadend or service entrance taps

Material: Castings—Copper alloy
Hardware—Stainless steel
Galvanized Steel
Silicon Bronze



CATALOG NUMBER	*CONDUCTOR RANGE			APPROX. DIMENSIONS INCHES			BOLT SIZE	BOLT HEAD (HEX)	WT LB (KG)
	MAX.		MIN.	A (MM)	B (MM)	C (MM)			
	SOL.	STR.	SOL.						
GC8002	2	3	8	1 3/8 (34.99)	1 1/4 (31.81)	7/8 (22.27)	5/16 (7.95)	9/16 (14.32)	.16 (.07)
GC8010	1/0	1	8	1 1/2 (38.18)	1 3/8 (34.99)	1 (25.45)	5/16 (7.95)	9/16 (14.32)	.24 (.11)
GC8020	3/0	2/0	8	1 3/4 (44.54)	1 3/8 (34.99)	1 1/8 (28.63)	5/16 (7.95)	9/16 (14.32)	.33 (.15)
GC8040**	4/0	4/0	6	2 3/8 (60.44)	1 1/2 (38.18)	1 1/2 (38.18)	3/8 (9.54)	9/16 (14.32)	.62 (.28)

*For Tin Plated Connectors add Suffix "P" to the Catalog Number desired.

**RUS Listed

Conductor Range

Each size will close on two of the maximum size conductors, one minimum and one maximum size, or combinations in between.

Hot Stick Installation

All connectors are available with flexible neoprene grommets to hold spacer bar in position so run and tap connectors may be installed with ease. Grommets positioning spacer do not interfere with smooth operation of connector. If clamps are to be equipped with grommets, please specify by adding suffix "G" to the catalog number.

Inhibitor Protected and Bagged

Connectors are available with Factory installed Fargolene inhibitor and individually packaged. When ordering add the Suffix "L" to catalog number.



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE PARALLEL GROOVE ALUMINUM MULTIPLE U-BOLTS WITH COPPER LINER

ALUMINUM
LCC

For aluminum to copper conductor connections only. Sealant (XB) is recommended on all connections

Material: Body—Top member 356-T6 aluminum alloy
Spacer—aluminum alloy with a metallurgically bonded copper liner
Bottom Member—High strength bronze
Hardware—Galvanized steel

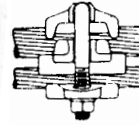


FIGURE 1

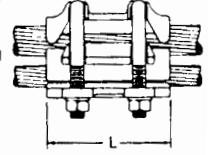
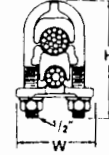


FIGURE 2

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
		MAIN	TAP	L	W	H	
LCC111XB	1	#6 Sol.—2/0 Str. AAC #8 Sol.—2/0 (6/1) ACSR	#8 Sol.—2/0 Str. CU	2 (50.80)	2-5/16 (58.74)	3-1/2 (88.90)	.77 (.35)
LCC221XB	1	1/0 Str.—400 MCM AAC 1/0 (6/1)—397.5 (18/1) ACSR	#4 Sol.—4/0 Str. CU	2-1/2 (63.50)	2-11/16 (68.26)	4 (101.60)	1.11 (.50)
LCC222XB	2	1/0 Str.—400 MCM AAC 1/0 (6/1)—397.5 (18/1) ACSR	#4 Sol.—4/0 Str. CU	3-7/8 (98.43)	2-3/4 (69.85)	4 (101.60)	1.68 (.76)
LCC231XB	1	1/0 Str.—400 MCM AAC 1/0 (6/1)—397.5 (18/1) ACSR	1/0 Str.—500 MCM CU	2-1/2 (63.50)	2-11/16 (68.26)	4 (101.60)	1.24 (.56)
LCC242XB	2	1/0 Str.—400 MCM AAC 1/0 (6/1)—397.5 (18/1) ACSR	400—800 MCM CU	4-1/8 (104.78)	2-11/16 (68.26)	4-1/4 (107.95)	2.10 (.95)
LCC332XB	2	336.4—954 MCM AAC 300—795 MCM ACSR	1/0 Str.—400 MCM CU	4-5/8 (117.48)	3-1/16 (77.79)	4-5/8 (117.48)	2.88 (1.31)

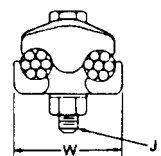
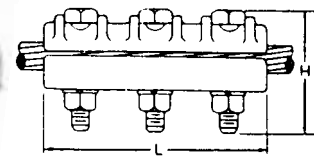
DD
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GENERAL USE PARALLEL GROOVE ALUMINUM THREE CENTER BOLTS WITH COPPER LINER

ALUMINUM
LC600

For aluminum to copper conductor connections, only. Sealant (XB suffix) is recommended on all connections

Material: Body—356-T6 aluminum alloy
Hardware—Hot dip galvanized steel
Tap Liner—Copper, metallurgically bonded



CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LC677XB	1/0 (19)—336.4 MCM AAC 1/0—300 MCM ACSR	1/0 (7)—250 Str. CU	4-3/8 (111.13)	2-5/16 (58.74)	2-1/2 (63.5)	1/2 (12.7)	1.35 (.61)

DD-23



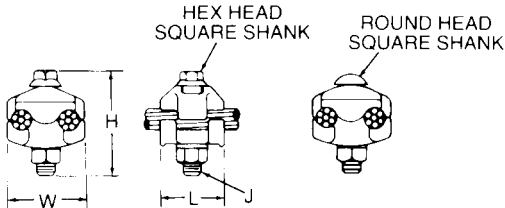
**GENERAL USE
PARALLEL GROOVE
ALUMINUM
SINGLE CENTER BOLT**

ALUMINUM
LC50 & LC80

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)



CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
		MAIN	TAP	L	W	H	J	
LC51AXB**	1	#8 Sol.—1/0 Str. AAC #8—1/0 ACSR	#8 Sol.—#2 Str. AAC #8—#2 ACSR #8 Sol.—#2 Str. Cu	1-1/8 (28.58)	1-13/32 (35.72)	1-1/2 (38.10)	5/16 (8.0)	.14 (.06)
LC51CXB**	1	#8 Sol.—1/0 Str. AAC #8—1/0 ACSR	#8 Sol.—1/0 Str. AAC #8—1/0 ACSR #8 Sol.—1/0 Str. Cu	1-1/4 (31.76)	1-17/32 (38.89)	2 (50.80)	3/8 (9.53)	.19 (.09)
LC52AXB**	1	#8 Sol.—2/0 Str. AAC #8—2/0 ACSR	#8 Sol.—2/0 Str. AAC #8—2/0 ACSR #8 Sol.—2/0 Str. Cu	1-3/8 (34.93)	1-21/32 (42.07)	2 (50.80)	3/8 (9.53)	.22 (.10)
LC52CXB**	1	#1 Sol.—400 MCM AAC #1—336.4 MCM ACSR	#8 Sol.—2/0 Str. AAC #8—2/0 ACSR #8 Sol.—2/0 Str. Cu	2 (50.80)	2-11/32 (51.60)	2-1/4 (57.15)	3/8 (9.53)	.28 (.13)
LC53AXB**	2	#1 Sol.—400 MCM AAC #1—336.4 MCM ACSR	#1 Sol.—400 MCM AAC #1—336.4 MCM ACSR #1 Sol.—400 MCM Cu	2 (50.80)	2-11/32 (59.53)	2-1/2 (63.50)	1/2 (12.70)	.41 (.19)
LC83AXB**	2	397.5—954 MCM AAC 336.4—795 MCM ACSR	#8 Sol.—2/0 Str. AAC #8—2/0 ACSR #8 Sol.—2/0 Str. Cu	1-1/2 (38.1)	2-17/32 (64.29)	2-3/4 (69.85)	1/2 (12.70)	.54 (.24)

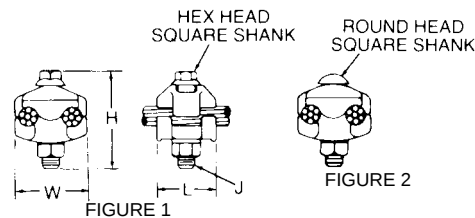
**RUS Listed

ALUMINUM
LC500 & LC800

**GENERAL USE
PARALLEL GROOVE
ALUMINUM
SINGLE CENTER BOLT WITH COPPER LINER**

For aluminum to copper conductor connections only.
Sealant (XB) is recommended on all connections.

Material Body—Aluminum alloy
Hardware—Galvanized steel
Tap Liner—Copper metallurgically bonded



CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
		MAIN	TAP	L	W	H	J	
LC511AXB**	1	#6 Sol.—1/0 Str. AAC #8—1/0 ACSR	#8 Sol.—#2 Str. Cu	1-1/8 (28.58)	1-5/16 (33.34)	1-1/2 (38.10)	5/16 (8.0)	.14 (.06)
LC522AXB**	1	#6 Sol.—1/0 Str. AAC #8—1/0 ACSR	#8 Sol.—1/0 Str. Cu	1-3/8 (34.93)	1-21/32 (42.07)	2 (50.80)	3/8 (9.53)	.22 (.10)
LC542XB	1	#6 Sol.—1/0 Str. AAC #8—1/0 ACSR	1/0 Str.—4/0 Str. Cu	1-3/16 (30.16)	1-25/32 (45.24)	2 (50.80)	3/8 (9.53)	.24 (.11)
LC811AXB**	1	#1 Sol.—400 MCM AAC #1—336.4 MCM ACSR	#8 Sol.—1/0 Str. Cu	1-1/4 (31.75)	2-1/32 (51.59)	2-1/4 (57.15)	3/8 (9.53)	.29 (.13)
LC822XB	2	#1 Sol.—400 MCM AAC #1—336.4 MCM ACSR	#8 Sol.—2/0 Str. Cu	2-1/4 (57.15)	2-7/32 (56.36)	2-1/2 (63.50)	1/2 (12.70)	.46 (.21)
LC833XB**	2	397.5—954 MCM AAC 336.4—795 MCM ACSR	#8 Sol.—2/0 Str. Cu	2-1/2 (63.50)	2-17/32 (64.29)	2-3/4 (69.85)	1/2 (12.70)	.54 (.24)

**RUS Listed



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE PARALLEL GROOVE ALUMINUM MULTIPLE CENTER BOLTS

ALUMINUM
LC60 / GA600

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

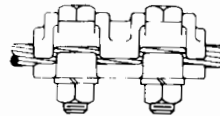


FIGURE 1



Material: Body—Aluminum alloy
Hardware—Galvanized steel

- Notes: 1) For connectors without sealant, delete suffix "XB."
2) Add suffix "GP" for tin plated connector

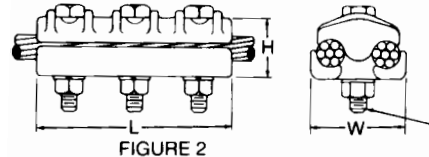


FIGURE 2

CATALOG NUMBER	FIG NO.	CONDUCTOR RANGE		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
		MAIN	TAP	L	W	H	J	
GA660L	1	#2—4/0 AAC #2—3/0 ACSR	#2—4/0 AAC #2—3/0 ACSR	2-1/4 (57.26)	1-3/4 (44.54)	2-3/8 (60.44)	3/8 (9.53)	.46 (.21)
GA670L	2	1/0—400 AAC 1/0—336.4 (18/1) ACSR	1/0—400 AAC 1/0—336.4 (18/1) ACSR	3-1/4 (82.71)	2-1/4 (57.26)	2-3/4 (69.85)	3/8 (9.53)	.60 (.27)
LC66AXB	1	1/0 (19)—400 MCM AAC 1/0—397.5 (18/1) ACSR	1/0 (19)—400 MCM AAC 1/0—397.5 (18/1) ACSR	3-1/2 (88.90)	2-3/8 (60.44)	2-3/4 (69.85)	1/2 (12.70)	1.10 (.50)
LC67AXB	2		1/0 Sol.—400 MCM Cu	5-1/4 (133.35)	2-5/8 (66.80)	2-1/2 (63.5)	1/2 (12.70)	1.30 (.59)
LC68AXB	2	350—556.5 MCM AAC 336.4 (18/1)—477 (30/7) ACSR	350—556.5 MCM AAC 336.4 (18/1)—477 (30/7) ACSR 350—550 MCM Cu	5-1/4 (133.35)	2-13/16 (71.44)	2-1/2 (63.5)	1/2 (12.70)	1.90 (.86)

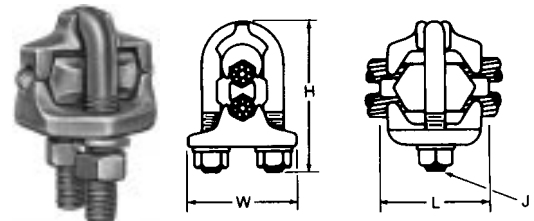
DD
25

GENERAL USE PARALLEL GROOVE ALUMINUM SINGLE U-BOLT

ALUMINUM
LC70

For aluminum to aluminum and aluminum to copper conductor splice/tap connections and also aluminum or ACSR loop dead-ends. Sealant (XB) is recommended on all connections, except loop dead-ends.

Material: Body—Top, spacer & bottom members—aluminum alloy
Hardware—Galvanized steel



CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LC71B**	#6 Sol.—2/0 Str. AAC #8—2/0 ACSR	#6 Sol.—2/0 Str. AAC #8—2/0 ACSR	2 (50.80)	2 (50.80)	3-1/4 (82.55)	3/8 (9.53)	.43 (.20)
LC72B	#6 Sol.—2/0 Str. AAC #8—2/0 ACSR	#6 Sol.—2/0 Str. AAC #8—2/0 ACSR	2-1/4 (57.15)	2-1/4 (57.15)	3-3/8 (85.73)	1/2 (12.70)	.77 (.35)
LC73B	1/0 Sol.—400 MCM AAC 1/0—336.4 MCM ACSR	#6 Sol.—1/0 Str. AAC #8—1/0 ACSR	2-3/4 (69.85)	2-5/8 (66.68)	4 (101.60)	1/2 (12.70)	1.12 (.51)
LC74B**	1/0 Sol.—400 MCM AAC 1/0—336.4 MCM ACSR	1/0 Sol.—400 MCM AAC #2—336.4 MCM ACSR	2-3/4 (69.85)	2-5/8 (66.68)	4 (101.60)	1/2 (12.70)	1.21 (.55)
LC75B	336.4—954 MCM AAC 300—795 MCM ACSR	#6 Sol.—1/0 Str. AAC #8—1/0 ACSR	3-1/4 (82.55)	3 (76.20)	4-5/8 (117.48)	1/2 (12.70)	1.43 (.65)
LC77B	336.4—1033.5 MCM AAC 300—954 (45/7) ACSR	336.4—1033.5 MCM AAC 300—954 (45/7) ACSR	3-1/2 (88.90)	3-3/8 (85.73)	5-3/8 (136.53)	5/8 (15.88)	1.97 (.89)

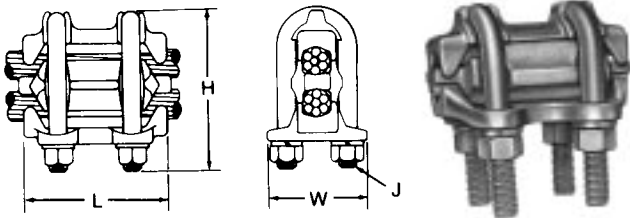
**RUS Listed

DD-25



GENERAL USE
PARALLEL GROOVE
ALUMINUM
TWO U-BOLT

ALUMINUM
LCU10



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

Material:Body—Top, spacer & bottom member—
aluminum alloy
Hardware—Aluminum alloy

Note: For connectors without sealant, delete suffix “XB.”

DD
26

CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LCU13XB	1/0 Str.—400 MCM AAC 1/0—397.5 (18/1) ACSR	1/0 Str.—400 MCM AAC 1/0—397.5 (18/1) ACSR 1/0 Str.—400 MCM Cu	4-1/8 (104.78)	2-11/16 (68.26)	4-1/2 (114.30)	1/2 (12.70)	1.07 (.49)
LCU 15XB	336.4—954 MCM AAC 300—795 MCM ACSR	1/0 Str.—400 MCM AAC 1/0—397.5 (18/1) ACSR 1/0 Str.—400 MCM Cu	4-5/8 (117.48)	3-1/16 (77.79)	4-7/8 (123.83)	1/2 (12.70)	1.84 (.83)
LCU16XB		336.4—954 MCM AAC 300—795 MCM ACSR 350—900 MCM Cu	4-5/8 (117.48)	3-7/16 (87.31)	5-1/2 (139.70)	5/8 (15.88)	1.86 (.84)



DISTRIBUTION CONNECTORS

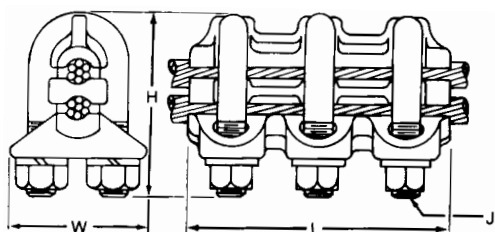
SECTION DD

GENERAL USE – HEAVY DUTY PARALLEL GROOVE ALUMINUM 3 U-BOLT

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

ALUMINUM
LCU700

Material: Body—Top, spacer & bottom member—
aluminum alloy
Hardware—Aluminum alloy



CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LCU70055	450—800 MCM AAC 397.5—715.5 MCM ACSR	450—800 MCM AAC 397.5—715.5 MCM ACSR	5-7/8 (149.23)	3-1/8 (79.38)	4-11/16 (119.06)	5/8 (15.88)	2.87 (1.30)
LCU70063	750—1033.5 MCM AAC 605—900 MCM ACSR	4/0 Sol. — 350 MCM AAC 3/0 — 336.4 (18/1) ACSR	6-3/4 (171.45)	3-5/16 (84.14)	5-1/8 (130.18)	5/8 (15.88)	3.25 (1.47)
LCU70064		350—477 MCM AAC 336.4—397.5 MCM ACSR	6-3/4 (171.45)	3-5/16 (84.14)	5-1/8 (130.18)	5/8 (15.88)	3.25 (1.47)
LCU70065		450—715.5 MCM AAC 397.5 — 605 MCM ACSR	6-3/4 (171.45)	3-5/16 (84.14)	5-1/8 (130.18)	5/8 (15.88)	3.50 (1.59)
LCU70066		750—1033.5 MCM AAC 605—900 MCM ACSR	6-3/4 (171.45)	3-5/16 (84.14)	5-1/2 (139.70)	5/8 (15.88)	3.50 (1.59)
LCU70074	1113—1351.5 MCM AAC 954—1192.5 MCM ACSR	350—477 MCM AAC 336.4—397.5 MCM ACSR	8 (203.20)	3-7/8 (98.43)	6 (152.40)	3/4 (19.05)	6.35 (2.88)
LCU70076		750—1033.5 MCM AAC 605—900 MCM ACSR	8 (203.20)	3-7/8 (98.43)	6 (152.40)	3/4 (19.05)	6.50 (2.95)
LCU70077		1113—1351.5 MCM AAC 954—1192.5 MCM ACSR	8 (203.20)	3-7/8 (98.43)	6-3/8 (161.93)	3/4 (19.05)	6.50 (2.95)
LCU70085	1431—1750 MCM AAC 1272—1590 MCM ACSR	450—715.5 MCM AAC 397.5 — 605 MCM ACSR	9-3/4 (231.78)	4-1/8 (104.78)	5-3/4 (146.05)	3/4 (19.05)	8.50 (3.86)
LCU70086		750—1033.5 MCM AAC 605—900 MCM ACSR	9-3/4 (231.78)	4-1/8 (104.78)	6-3/8 (161.93)	3/4 (19.05)	8.50 (3.86)
LCU70087		1113—1351.5 MCM AAC 954—1192.5 MCM ACSR	9-3/4 (231.78)	4-1/8 (104.78)	6-3/8 (161.93)	3/4 (19.05)	8.75 (3.97)
LCU70088		1431—1750 MCM AAC 1272—1590 MCM ACSR	9-3/4 (231.78)	4-1/8 (104.78)	6-3/8 (161.93)	3/4 (19.05)	8.75 (3.97)
LCU7001006	2000—2500 MCM AAC 1780—2156 ACSR	750—1033.5 MCM AAC 605—900 MCM ACSR	10 (254.0)	4-3/8 (111.12)	7 (177.8)	3/4 (19.05)	7.85 (3.53)
LCU7001007		1113—1351.5 MCM AAC 954—1192.5 MCM ACSR	10 (254.0)	4-3/8 (111.12)	7 (177.8)	3/4 (19.05)	7.85 (3.53)
LCU7001010		2000—2500 MCM AAC 1780—2156 MCM ACSR	10 (254.0)	4-3/8 (111.12)	7 (177.8)	3/4 (19.05)	6.85 (3.08)

DD
27

DISTRIBUTION CONNECTORS

GENERAL USE
BONDING CLAMPS

ALUMINUM

G50 SERIES



Bonding Clamps make a dependable mechanical and electrical pressure contact between guy strand and anchor rod when the guy is part of the grounding system. Used on Thimbleye[®] and Angle-Thimbleye bolts to keep hardware-to-guy contacts tight, prevent excessive wear on guy strands and protect galvanizing. Maintains electrical continuity.

Material: Body—Cast aluminum
Hardware—Galvanized steel

DD
28FOR POWER INSTALLED SCREW ANCHORS (PISA[®])

CATALOG NUMBER	ROD TYPE AND SIZE INCHES	APPROX SHIP WT LBS PER 100 PIECES
**G5067	THIMBLEYE, 1/2 & 5/8	22
**G5068	THIMBLEYE, 3/4 & 1	36
G5069	TWINEYE, 5/8, 3/4, & 1	38
C2030148	TRIPLEYE, 5/8, 3/4, & 1	41

EXPANDING ANCHORS & ROCK ANCHORS

CATALOG NUMBER	ROD TYPE AND SIZE INCHES	APPROX SHIP WT LBS PER 100 PIECES
**G5060	THIMBLEYE, 1/2 & 5/8	6.5
**G5061	TWINEYE, 5/8, 3/4, & 1	13
**G5063	TRIPLEYE, 3/4 & 1	21

FOR NO-WRENCH SCREW ANCHORS

CATALOG NUMBER	ROD TYPE AND SIZE INCHES	APPROX SHIP WT LBS PER 100 PIECES
G5065	THIMBLEYE, 3/4 & 1	15
G5063	TRIPLEYE, 3/4 & 1	21

**RUS Listed



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE SPLIT BOLT WITH SEPARATOR BAR: ALUMINUM AND BRONZE

BRONZE/ALUMINUM

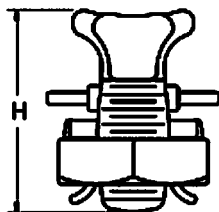
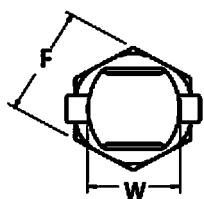
SBS

For aluminum to aluminum or copper conductors.

Material: Type SBS — Copper Alloy, Electro Tin-Plated

Note: VERSA-SEAL[®] oxide inhibiting compound is recommended for use with Al/Cu parallel connectors.

* Hex Head design for maximum tool ease of use.



LISTED
261L

DD
29

CATALOG NUMBER	CONDUCTOR RANGE OF EQUAL MAIN & TAP (AWG OR MCM)		MIN. TAP WITH ONE MAX. MAIN	BOLT SIZE	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	MIN.	MAX.			F	W	H	
SBS6	8	6*	14	7/16	5/8 (15.88)	.49 (12.45)	1.06 (26.92)	0.06 (.03)
SBS4	8	4	10	1/2	13/16 (20.63)	.71 (18.03)	1.24 (31.5)	0.09 (.04)
SBS2	6	2	14	9/16	7/8 (22.22)	.75 (19.05)	1.44 (36.58)	0.12 (.05)
SBS10	4	1/0	10	11/16	15/16 (23.81)	.79 (20.07)	1.73 (43.94)	0.18 (.08)
SBS20	2	2/0	8	3/4	1-1/16 (26.97)	.87 (22.10)	1.71 (43.43)	0.21 (.10)
SBS30	1	3/0	8	7/8	1-1/4 (31.75)	1.10 (27.94)	2.13 (54.10)	0.35 (.16)
SBS250	1	250	8	1	1-3/8 (34.93)	1.10 (27.94)	2.22 (56.39)	0.39 (.18)
SBS350	2/0	350	1/0	1-1/2	1-1/2 (38.01)	1.22 (30.99)	2.56 (65.02)	0.60 (.27)
SBS500	300	500	2/0	1-5/8	1-3/4 (44.45)	1.34 (34.04)	2.95 (74.93)	0.85 (.39)

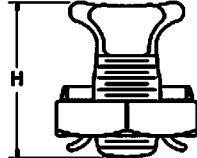
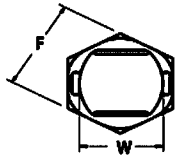
*AL9CU (90° C Rated)

** Not UL Listed or CSA certified for aluminum to copper connections. UL listed for copper connections only.



GENERAL USE SPLIT BOLT CONNECTOR — BRONZE

BRONZE
SBN



For copper to copper 2-wire conductor connection.
Material: Body — Copper Alloy



LISTED
261L



CATALOG NUMBER	CONDUCTOR RANGE OF EQUAL MAIN & TAP (AWG OR MCM)		MIN. TAP WITH ONE MAX. MAIN	BOLT SIZE	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)
	MIN.	MAX.			F	W	H	
SBN8	10	8	16	3/8	9/16 (14.29)	.47 (12)	.85 (21.59)	0.038 (.017)
SBN6	8	6*	16	7/16	5/8 (15.88)	.49 (12.45)	.91 (23.11)	0.44 (.012)
SBN4	8	4	14	1/2	13/16 (20.63)	.71 (18.03)	1.16 (29.46)	0.75 (.034)
SBN2	6	2	14	9/16	7/8 (22.22)	.75 (19.05)	1.25 (31.75)	0.094 (.043)
SBN10	4	1/0	14	11/16	15/16 (23.81)	.79 (20.07)	1.54 (39.12)	0.144 (.065)
SBN20	2	2/0	14	3/4	1-1/16 (26.97)	.87 (22.10)	1.69 (42.93)	0.188 (.085)
SBN30	1	3/0	8	7/8	1-1/4 (31.75)	1.10 (27.94)	2.09 (53.09)	0.30 (.136)
SBN250	1	250	8	1	1-3/8 (34.93)	1.10 (27.94)	2.09 (53.09)	0.338 (.153)
SBN350	2/0	350	1/0	1-1/2	1-1/2 (38.01)	1.22 (30.99)	2.36 (59.94)	0.506 (.230)
SBN500	300	500	2/0	1-5/8	1-3/4 (44.45)	1.34 (34.04)	2.83 (71.88)	0.731 (.332)
C750	350	750	8	1-15/16	2-1/8 (53.97)	1.94 (49.28)	3.56 (90.42)	1.76 (.798)
C1000	500	1000	8	2-1/4	2-1/8 (53.97)	2.25 (57.15)	4.03 (102.36)	2.8 (1.27)

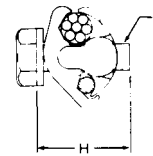
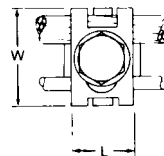
*Solid Conductor

GENERAL USE PARALLEL GROOVE BRONZE SINGLE CENTER BOLT

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

Material: Body—High strength bronze alloy
Hardware—Silicon bronze or Stainless Steel

Add Suffix "TP" for Tin-Plated Version.



BRONZE
ST



CATALOG NUMBER	CONDUCTOR RANGE (AWG)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
ST3	#8 Sol.—2/0 Str. Cu #8 A—2/0 F CW 1/8"—7/16" CW/GS .125"—.438"	#8 Sol.—2/0 Str. Cu #9 1/2D—2/0 F CW 1/8"—7/16" CW/GS .125"—.438"	7/8 (22.2)	1-1/2 (38.1)	1-1/2 (38.1)	5/16 (7.9)	.22 (9.98)
ST4	#6 Sol.—4/0 Str. Cu #6A—4/0 F CW 1/4"—9/16" CW/GS .162"—.562"	#6 Sol.—4/0 Str. Cu #6A—4/0 F CW 1/4"—9/16" CW/GS .162"—.562"	15/16 (23.8)	1-7/8 (47.6)	1-1/2 (38.1)	3/8 (9.5)	.30 (13.61)



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE PARALLEL BRONZE

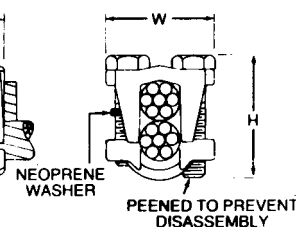
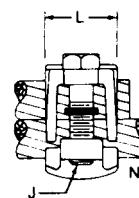
For copper to copper conductor connections.

Material: Body—High strength bronze alloy
Retaining Ring—Neoprene rubber
Hardware—Silicon bronze

“TP” = tin plated version



LISTED
261L



BRONZE
K, K L

CATALOG NUMBER*	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
K1	#4 Str.—1/0 Str. Cu	#8 Sol.—1/0 Str. Cu	15/16 (23.81)	1-5/16 (33.34)	1-5/16 (33.34)	5/16 (7.94)	.125 (.06)
K2	#3 Str.—2/0 Str. Cu	#8 Sol.—2/0 Str. Cu	1-1/16 (26.99)	1-5/8 (41.28)	1-21/32 (42.07)	3/8 (9.53)	.29 (.13)
K3	#1 Str.—4/0 Str. Cu	#8 Sol.—4/0 Str. Cu	1-1/8 (28.58)	1-3/4 (44.45)	1-15/16 (49.21)	3/8 (9.53)	.40 (.18)
K41	2/0 Str.—350 MCM Cu	#8 Sol.—350 MCM Cu	1-3/8 (34.93)	2-1/8 (53.98)	2-3/8 (60.33)	1/2 (12.70)	.655 (.30)
K5	3/0 Str.—500 MCM Cu	#8 Sol.—500 MCM Cu	1-1/2 (38.10)	2-1/4 (57.15)	2-11/16 (68.26)	1/2 (12.70)	.80 (.36)
K6	350—800 MCM Cu	#8 Sol.—800 MCM Cu	1-5/8 (41.28)	2-1/2 (63.50)	3-3/16 (80.96)	1/2 (12.70)	1.00 (.45)
K7	500—1000 MCM Cu	#8 Sol.—1000 MCM Cu	2 (50.80)	3 (76.70)	3-11/16 (93.66)	5/8 (15.88)	2.13 (.97)

* For equal length bolts (Separable), Add “L” Suffix.

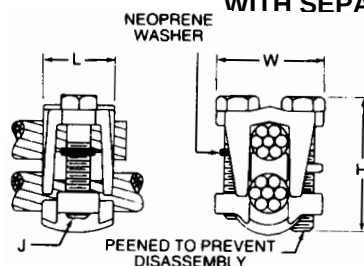
◆ For Tin-Plating, Add “TP” Suffix – Consult Factory.

GENERAL USE PARALLEL BRONZE WITH SEPARATOR

BRONZE
KR



LISTED
261L



For copper to copper conductor connections.

Material: Body—High strength bronze alloy
Separator—Copper alloy
Retaining Ring—Neoprene rubber
Hardware—Silicon bronze

CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
KR1	#4 Str.—1/0 Str. Cu	#8 Sol.—1/0 Str. Cu	15/16 (23.81)	1-5/16 (33.34)	1-1/2 (38.10)	5/16 (7.94)	.18 (.08)
KR2	#3 Str.—2/0 Str. Cu	#6 Sol.—2/0 Str. Cu	1-1/16 (26.99)	1-5/8 (41.28)	1-25/32 (45.24)	3/8 (9.53)	.35 (.16)
KR3	#1 Str.—4/0 Str. Cu	#6 Sol.—4/0 Str. Cu	1-1/8 (28.58)	1-3/4 (44.45)	2-1/8 (53.98)	3/8 (9.53)	.43 (.19)
KR4	2/0 Str.—350 MCM Cu	#4 Str.—350 MCM Cu	1-3/8 (34.93)	2-1/8 (53.98)	2-9/16 (65.09)	1/2 (12.70)	.78 (.35)
KR5	3/0 Str.—500 MCM Cu	#4 Str.—500 MCM Cu	1-1/2 (38.10)	2-1/4 (57.15)	2-15/16 (74.61)	1/2 (12.70)	.86 (.39)
KR6	350—800 MCM Cu	#2 Str.—800 MCM Cu	1-5/8 (41.28)	2-1/2 (63.50)	3-7/16 (87.31)	1/2 (12.70)	1.25 (.57)
KR7	450—1000 MCM Cu	1/0 Str.—1000 MCM Cu	2 (50.80)	3 (76.20)	4 (101.60)	5/8 (15.88)	2.45 (1.11)

* For equal length bolts (Separable), Add “L” Suffix.

◆ For Tin-Plating, Add “TP” Suffix – Consult Factory.

DD-31

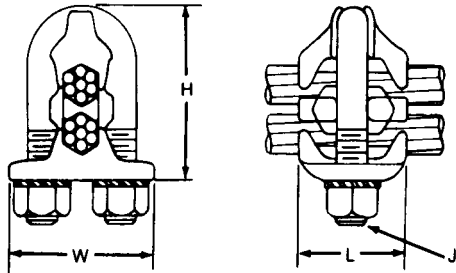


GENERAL USE
PARALLEL GROOVE
BRONZE
SINGLE U-BOLT

BRONZE
LC1000

For copper to copper conductor connections.

Material: Body Halves—High strength bronze alloy
Separator—Copper alloy
Hardware—Silicon bronze



CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LC1002*	#2 Sol.—2/0 Str. Cu	#2 Sol.—2/0 Str. Cu	1-1/2 (38.10)	1-15/16 (49.21)	2-3/4 (69.85)	3/8 (9.53)	.65 (.29)
LC1003*	#1 Sol.—4/0 Str. Cu	#1 Sol.—4/0 Str. Cu	1-3/4 (44.45)	2-5/16 (58.74)	3 (76.20)	1/2 (12.70)	1.00 (.45)
LC1004	1/0 Sol.—300 MCM Cu	1/0 Sol.—300 MCM Cu	2 (50.80)	2-7/16 (61.91)	3-1/2 (88.90)	1/2 (12.70)	1.15 (.52)

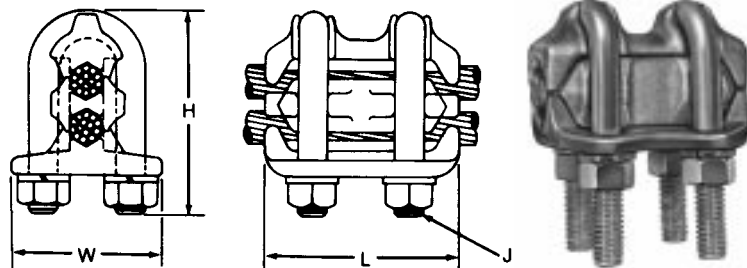
*Add "TP" Suffix for Tin-Plated Connector

GENERAL USE
PARALLEL GROOVE
BRONZE
2 U-BOLT

BRONZE
LC1100

For copper to copper conductor connections.

Material: Body Halves—High strength bronze alloy
Separator—Copper alloy
Hardware—Silicon bronze



CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LC1133	#1 Sol.—4/0 Str. Cu	#1 Sol.—4/0 Str. Cu	2-3/4 (69.85)	1-15/16 (49.21)	3 (76.20)	3/8 (9.53)	1.60 (.73)
LC11445	1/0 Sol.—350 MCM Cu	1/0 Sol.—350 MCM Cu	3-1/4 (82.55)	2-1/2 (63.50)	3-3/4 (92.25)	1/2 (12.70)	2.25 (1.02)
LC1155	4/0 Sol.—500 MCM Cu	4/0 Sol.—500 MCM Cu	3-3/8 (85.73)	2-5/8 (66.68)	4 (101.60)	1/2 (12.70)	2.40 (1.09)
LC1166	300—750 MCM Cu	300—750 MCM Cu	3-5/8 (92.08)	2-15/16 (74.61)	4-1/2 (114.30)	1/2 (12.70)	2.90 (1.32)
LC1177	500—1000 MCM Cu	500—1000 MCM Cu	4 (101.60)	3-1/16 (77.79)	5 (127.00)	1/2 (12.70)	3.62 (1.64)



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE PARALLEL GROOVE — 4 WAY, 2/4 BOLT BRONZE

BRONZE

XP®

For copper to copper conductors cross, tee, parallel or end to end connections.

Material: Body Members—High strength bronze
Separator—Copper alloy
Hardware—Silicon bronze or Stainless Steel

Note: Add suffix “TP” for tin plated connector.

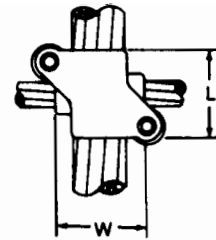
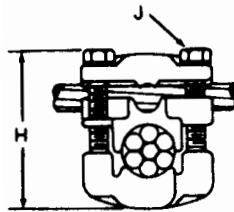


FIGURE 1

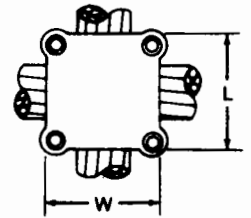


FIGURE 2



LISTED
261L

DD
33

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
		MAIN	TAP	L	W	H	J	
XP024024	1	#1 Str.—4/0 Str. Cu	#1 Str.—4/0 Str. Cu	1- 7/8 (47.63)	1-7/8 (47.63)	2-9/16 (65.09)	3/8 (9.53)	.70 (.32)
XP050050	2	4/0 Str.—500 MCM Cu	4/0 Str.—500 MCM Cu	2 (50.80)	2 (50.80)	3-3/16 (80.96)	3/8 (9.53)	1.40 (.64)
XP100050	2	500—1000 MCM Cu	4/0 Str.—500 MCM Cu	2 (50.80)	2 (50.80)	3-3/8 (85.73)	3/8 (9.53)	1.70 (.77)
XP100100	2	500—1000 MCM Cu	500—1000 MCM Cu	2-1/2 (63.50)	2-1/2 (63.50)	3-11/16 (93.66)	3/8 (9.53)	2.40 (1.09)

DD-33

DISTRIBUTION CONNECTORS



GENERAL USE
PARALLEL GROOVE
BRONZE
MULTIPLE CENTER BOLT

BRONZE
LC400

For copper to copper conductor connections.

Material: Body—High strength bronze alloy
Hardware—Silicon bronze or Stainless Steel

Add Suffix “TP” for Plated Connector



FIGURE 1

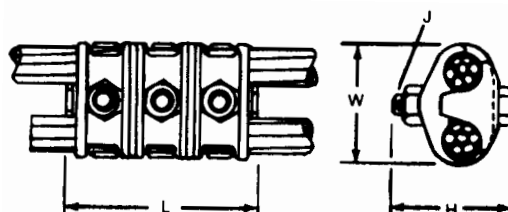


FIGURE 2

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
		MAIN	TAP	L	W	H	J	
LC402	1	#4 Sol.—4/0 Str. Cu	#4 Sol.—4/0 Str. Cu	2-9/32 (57.94)	1-27/32 (46.83)	2-1/4 (57.15)	3/8 (9.53)	.82 (.37)
LC4025	1	#4 Sol.—4/0 Str. Cu	#4 Sol.—4/0 Str. Cu	2-13/16 (71.44)	2 (50.80)	2-1/4 (69.85)	1/2 (12.70)	1.38 (.62)
LC4035	1	#2 Sol.—300 MCM Cu	#2 Sol.—300 MCM Cu	3-1/8 (79.38)	2-1/4 (57.15)	2-1/4 (57.15)	1/2 (12.70)	1.79 (.81)
LC404	2	4/0 Str.—500 MCM Cu	4/0 Str.—500 MCM Cu	4-3/8 (111.13)	2-5/8 (66.68)	2-5/8 (66.68)	1/2 (12.70)	2.99 (1.36)
LC406	2	500—1000 MCM Cu	500—1000 MCM Cu	5-1/8 (130.18)	3-1/2 (88.90)	3-3/8 (85.73)	1/2 (12.70)	4.70 (2.13)

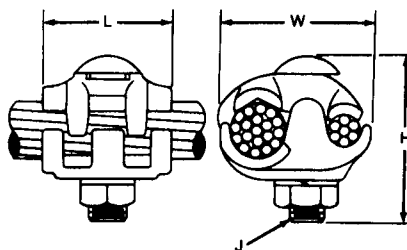
BRONZE
LC1600

GENERAL USE
PARALLEL GROOVE
BRONZE
SINGLE CENTER BOLT

For copper to copper conductor connections.

Material: Body—High strength bronze alloy
Hardware—Silicon bronze or Stainless Steel

Add Suffix – “TP” for Tin Plated Connector



CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
	MAIN	TAP	L	W	H	J	
LC1601	1/0 Sol.—4/0 Str. Cu	#8 Sol.—#1 Str. Cu	2 (50.80)	1-3/4 (44.45)	2 (50.80)	3/8 (9.53)	.58 (.26)
LC1602	1/0 Sol.—400 MCM Cu	#8 Sol.—3/0 Str. Cu	2-3/8 (60.33)	2-1/4 (57.15)	2-3/4 (69.85)	1/2 (12.70)	1.05 (.48)



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE SETSCREW LUGS ALUMINUM

ALUMINUM
DA & DU

Type DA, UL Listed for one aluminum or copper conductor.

Type DU, UL Listed for two aluminum or copper conductors.

Material: Body—Aluminum alloy—tin plated

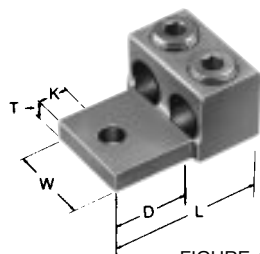


FIGURE 4



FIGURE 3



FIGURE 2



FIGURE 1

AL9CU (90°C Rated)



LISTED
261L



DD
35

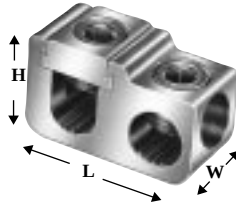
CATALOG NUMBER	FIG. NO.	ALUMINUM OR COPPER CONDUCTOR RANGE (AWG OR MCM)	PAD BOLT SIZE	DIMENSIONS INCHES (MM)					APPROX. WT. EACH LBS. (KG.)
				L	D	K	W	T	
DA6	1	#14 Sol.—#6 Str.	1/4" (6.35)	1- 1/16 (26.99)	11/16 (17.46)	1/4 (6.35)	1/2 (12.70)	.093 (2.36)	1.5 (.68)
DA2	1	#14 Sol.—#2 Str.	1/4" (6.35)	1-5/32 (29.37)	11/16 (17.46)	5/16 (7.94)	1/2 (12.70)	.100 (2.54)	2 (.90)
DA0	1	#14 Sol.—1/0 Str.	1/4" (6.35)	1-15/32 (37.31)	27/32 (21.43)	7/16 (11.11)	5/8 (15.88)	.1875 (4.76)	4 (1.81)
DA20	1	#14 Sol.—2/0 Str.	1/4" (6.35)	1-15/32 (37.31)	27/32 (21.43)	7/16 (11.11)	5/8 (15.88)	.1875 (4.76)	5 (2.26)
DA250	2	#6 Sol.—250 MCM	5/16" (7.94)	2 (50.80)	1 (25.40)	15/32 (11.91)	1 (25.40)	.25 (6.35)	14 (6.34)
DA300	2	#6 Sol.—300 MCM	5/16" (7.94)	2 (50.80)	1 (25.40)	15/32 (11.91)	1 (25.40)	.25 (6.35)	14 (6.34)
DA350	2	#6 Sol.—350 MCM	3/8" (9.53)	2-1/4 (57.15)	1-1/8 (28.58)	31/64 (12.3)	1 1/8 (28.58)	.25 (6.35)	20 (9.07)
DA500	2	#4 Str.—500 MCM	3/8" (9.53)	2-13/16 (71.44)	1-19/32 (40.48)	3/4 (19.05)	1-1/4 (31.75)	.312 (7.92)	39 (17.68)
DA600	2	#2 Sol.—600 MCM	3/8" (9.53)	3-3/16 (80.96)	1-13/16 (46.04)	25/32 (19.84)	1-1/2 (38.10)	.438 (11.13)	45 (20.40)
DA800	2	300—800 MCM	5/8" (15.88)	3-1/2 (88.90)	1-7/8 (47.63)	7/8 (22.23)	1-3/4 (44.45)	.500 (12.70)	40 (18.14)
DA1000	2	500—1000 MCM	5/8" (15.88)	3-1/2 (88.90)	1-7/8 (47.63)	7/8 (22.23)	1-3/4 (44.45)	.500 (12.70)	36 (16.32)
DA600S	3	One—#4 Str.—600 MCM Two—1/0 Str.—250 MCM	3/8" (9.53)	2-13/16 (71.44)	1 1/2 (38.10)	5/8 (15.88)	1-3/8 (34.92)	.3125 (7.94)	45 (20.40)
DU0	4	#14 Sol.—1/0 Str.	1/4" (6.35)	1-15/32 (37.31)	27/32 (21.43)	27/64 (10.72)	1-3/8 (34.92)	.1875 (4.76)	6.2 (2.81)
DU20	4	#14 Sol.—2/0 Str.	1/4" (6.35)	1-15/32 (37.31)	27/32 (21.43)	27/64 (10.72)	1-1/4 (31.75)	.1875 (4.76)	7.0 (3.17)
DU250	4	#6 Sol.—250 MCM	3/8" (9.53)	2-9/16 (65.09)	1-9/16 (36.69)	7/8 (22.23)	1-41/64 (41.67)	.25 (6.35)	25 (11.33)
DU350	4	#6 Sol.—350 MCM	1/2" (12.70)	2-7/8 (73.03)	1-3/4 (44.45)	7/8 (22.23)	1-59/64 (48.82)	.25 (6.35)	30 (13.60)
DU600S	4	#2 Sol.—600 MCM	1/2" (12.70)	3-3/16 (80.96)	1-13/16 (46.04)	5/8 (15.88)	2 (50.80)	.438 (11.13)	70 (31.74)
DU800	4	300—800 MCM	5/8" (15.88)	3-1/2 (88.90)	2 (50.80)	13/16 (17.53)	3-1/2 (88.90)	.500 (12.70)	75 (34.01)
DU1000	4	350—1000 MCM	5/8" (15.88)	3-1/2 (88.90)	1-7/8 (47.62)	7/8 (22.23)	3-1/2 (88.90)	.500 (12.70)	81 (36.74)

DISTRIBUTION CONNECTORS



GENERAL USE — DISTRIBUTION
SETSCREW — GUTTER TAPS
ALUMINUM

ALUMINUM
GPT



For aluminum to aluminum, aluminum to copper or copper to aluminum conductor parallel/tap connections.

Material: Body and Keeper—Aluminum alloy—tin plated

Note: See type GTC if insulating cover is required.

AL9CU (90°C Rated)  LISTED 261L



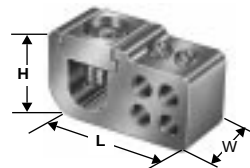
CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
	MAIN	TAPS	L	W	H	
GPT2	#12—#2 STR. Al/Cu	#14—#4 Str. Cu #12—#4 Str. Al	1-13/32 (35.72)	5/8 (15.88)	7/8 (22.23)	.06 (.03)
GPT0	#2—1/0 Str. Al/Cu	#14—1/0 Str. Cu #12—1/0 Str. Al	1-3/4 (44.45)	3/4 (19.05)	1 (25.40)	.10 (.04)
GPT250	1/0 Str.—250 MCM Al/Cu	#6 Str.—250 MCM Al/Cu	2-9/32 (57.94)	1-1/16 (26.99)	1-5/16 (33.34)	.22 (.10)
GPT350	4/0 Str.—350 MCM Al/Cu	#6 Str.—350 MCM Al/Cu	2-9/16 (65.09)	1-1/4 (31.76)	1-7/16 (36.51)	.32 (.14)

GENERAL USE — DISTRIBUTION
SETSCREW — GUTTER TAPS
ALUMINUM

For aluminum to aluminum, aluminum to copper or copper to aluminum conductor parallel/tap connections.

Material: Body and Keeper—Aluminum alloy —tin plated

ALUMINUM
GP4 / GT4



Type GP4
Aluminum Gutter Tap



Type GT4
Aluminum Gutter Tee Tap

AL9CU (90°C Rated)  LISTED 261L

CATALOG NUMBER	CONDUCTOR RANGE (AWG OR MCM)		DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
	MAIN	TAPS	L	W	H	
GP4250	1/0 Str.—250 MCM Al/Cu	#14—#2 Str. Al/Cu	2-9/32 (57.94)	1-1/16 (26.99)	1-5/16 (33.34)	.24 (.11)
GP4350	4/0 Str.—350 MCM Al/Cu	#14—#2 Str. Al/Cu	2-9/16 (65.09)	1-1/4 (31.75)	1-7/16 (36.51)	.35 (.16)
GP4500	350—500 MCM Al/Cu	#14—1/0 Str. Al/Cu	3-1/8 (79.38)	1-3/8 (34.93)	1-3/4 (44.45)	.52 (.24)
GT4250	1/0 Str.—250 MCM Al/Cu	#14—#2 Str. Cu #12—#2 Str. Al	2-9/32 (57.94)	1-1/16 (26.99)	1-5/16 (33.34)	.25 (.11)



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE SETSCREW PAD LUGS ALUMINUM

ALUMINUM
L_M2

For one to four aluminum or copper conductors to two and four hole flat pads.

Material: Aluminum alloy—tin plated

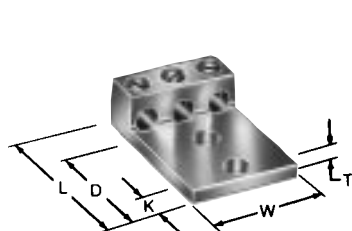


FIGURE 1

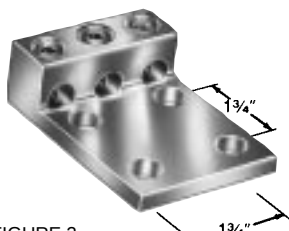


FIGURE 2



FIGURE 3

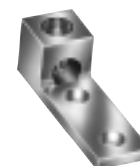


FIGURE 4

AL9CU (90°C Rated)



LISTED
261L

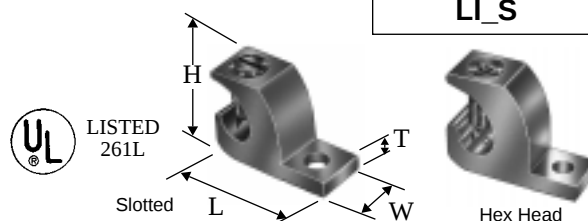
CATALOG NUMBER	FIG. NO.	PAD BOLT SIZE	ALUMINUM OR COPPER CONDUCTOR RANGE (AWG OR MCM)	DIMENSIONS INCHES (MM)					APPROX. WT EACH LBS. (KG.)	
				L	D	K	W	T		
L3M210*	1	3/8" (9.53)	#14—1/0 Str.	2 15/16 (74.68)	2-3/16 (55.63)	11/32 (8.64)	2 (50.80)	1/4 (6.35)	.27 (.12)	
L3M2250	1	1/2"	#6 Str.—250 MCM	4-1/4 (107.95)	3 (76.20)	5/8 (15.88)	3 (76.20)	5/16 (7.94)	.52 (.24)	
L1M2350	4		#6 Str.—350 MCM	4-1/2 (114.30)	3 (76.20)	5/8 (15.88)	1-1/4 (31.75)		.26 (.12)	
L3M2350	1			4-1/4 (107.95)			3-1/2 (88.90)		.77 (.35)	
L3M2500	1		#4 Str.—500 MCM	4-11/16 (119.13)	3-5/16 (84.14)	5/8 (15.88)	3-3/4 (95.25)	7/16 (11.11)	1.10 (.50)	
L3M4500	2						5 (127.00)		1.05 (.47)	
L4M4500	3								1.06 (.48)	

*Pad holes on 1" centers

GENERAL USE SETSCREW GROUND LUGS ALUMINUM

Designed for use on conduit grounding bushings. Open face design allows installer to quickly lay-in the grounding conductor as a jumper to multiple rigid conduits. For aluminum or copper conductors.

Material: Aluminum alloy—tin plated



ALUMINUM
LI_S

CATALOG NUMBER	ALUMINUM OR COPPER CONDUCTOR RANGE AWG—MCM	PAD BOLT SIZE	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG.)
			L	T	W	H	
LI50S*	#14—#4 Str.	#10	1-3/32 (26.19)	5/32 (3.97)	3/8 (9.53)	25/32 (19.84)	.016 (.007)
LI112S*	#14—1/0 Str.	1/4"	1-1/2 (38.10)	7/32 (5.56)	19/32 (15.08)	1-3/16 (30.16)	.059 (.027)

*Slotted head set screws.

DD
37

DISTRIBUTION CONNECTORS



GENERAL USE
SETSCREW TERMINAL PADS
ALUMINUM

ALUMINUM
L_D_

For one, two, three and four aluminum or copper conductors to two and four hole flat pads.

Material: Aluminum alloy—tin plated

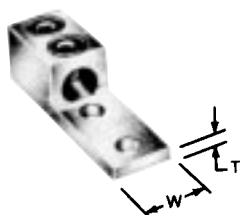


FIGURE 1



FIGURE 2

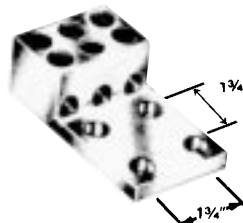


FIGURE 3



FIGURE 4

AL9CU (90°C Rated)



LISTED
261L



DD
38

CATALOG NUMBER	FIG. NO.	PAD BOLT SIZE	ALUMINUM OR COPPER CONDUCTOR RANGE (AWG OR MCM)	DIMENSIONS INCHES (MM)					APPROX. WT. EACH LBS. (KG.)
				L	D	K	W	T	
L1D2250	1	1/2" (12.70)	#6 Str.—250 MCM	5-5/16 (134.94)	3 5/16 (84.14)	5/8 (15.88)	1-1/4 (31.75)	3/8 (9.53)	.45 (.20)
L1D2350	1		#6 Str.—350 MCM	5-1/2 (139.7)	3-1/4 (82.55)				.50 (.22)
L2D2350	2						2-5/16 (58.74)		.85 (.38)
L1D2600	1		#2 Str.—600 MCM	5-5/16 (134.94)	3-1/16 (77.79)		1-1/2 (38.10)		.50 (.23)
L2D2600	2						2-3/4 (69.85)		.89 (.40)
L3D4600	3			5-1/2 (139.7)	3-1/4 (82.55)		4-3/16 (106.36)		1.36 (.61)
L4D4600	4						5-9/32 (134.14)		2.81 (1.27)
L1D2800	1		300—800 MCM	6-3/16 (157.16)	3-7/16 (87.38)		1-7/8 (47.63)		.67 (.30)
L3D4800	3		350—800 MCM				4-15/16 (125.41)		2.11 (.95)
L4D4800	4						6-5/8 (168.28)		2.84 (1.28)
L1D21000	1		500—1000 MCM				1-7/8 (47.63)		1.05 (.47)
L2D21000	2						3-1/2 (88.90)		2.10 (.95)
L3D41000	3						5-5/16 (134.94)		3.09 (1.40)

* Except with 2-Hole Pad.



DISTRIBUTION CONNECTORS

SECTION DD

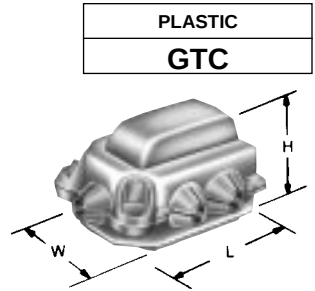
GENERAL USE 600V INSULATING COVER PLASTIC

Material: Thermoplastic

AL9CU (90°C Rated)



LISTED
261L



CATALOG NUMBER	INSULATING COVER FOR CATALOG NUMBER	COLOR	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
			L	W	H	
GTC2	GPT-2	Yellow	2-1/4 (57.15)	1-7/8 (47.63)	1-1/8 (28.58)	.025 (.011)
GTC10	GPT-0	Gray	2-5/8 (66.68)	2-3/16 (55.56)	1-9/32 (32.54)	.035 (.016)
GTC250	GPT-250	Red	3-7/16 (87.31)	3-3/16 (80.96)	1-5/8 (41.28)	.080 (.036)
GTC350	GPT-350	Yellow	3-3/4 (95.25)	3-9/32 (83.34)	1-3/4 (44.45)	.095 (.043)
GTC500	GPT-500	Blue	4-29/32 (124.62)	3-11/32 (84.93)	2-1/8 (53.98)	.115 (.052)
GTC750	GPT-750	Orange	4-17/32 (115.09)	3-15/32 (88.17)	2-11/32 (59.53)	.78 (.068)

DD
39

GENERAL USE SETSCREW BUTT SPLICES ALUMINUM

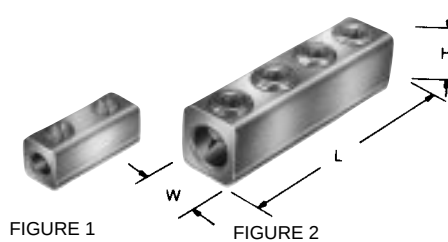
ALUMINUM
SR

AL9CU (90°C Rated)

Material: Aluminum alloy—tin plated



LISTED
261L



CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE AL/CU	STRIP LENGTH	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
				L	W	H	
SR2	1	#14—#2 Str.	5/8	1-3/8 (34.93)	1/2 (12.70)	9/16 (14.29)	.03 (.01)
SR0	1	#14—1/0 Str.	7/8	1-29/32 (48.42)	3/4 (19.05)	3/4 (19.05)	.09 (.04)
SR250	2	#6 Str.—250 MCM	1-15/16	3-15/16 (100.01)	1 (25.40)	1-1/8 (28.58)	.33 (.15)
SR350	2	#6 Str.—350 MCM	2-1/16	4-3/16 (106.36)	1-1/8 (28.58)	1-3/16 (30.16)	.40 (.18)
SR500	2	3/0 Str.—500 MCM	2-7/16	5 (127.00)	1-3/8 (34.93)	1-1/2 (38.10)	.74 (.34)
SR750	2	250—750 MCM	3-1/16	6-1/4 (158.75)	1-5/8 (41.28)	1-3/4 (44.45)	1.043 (.47)

DD-39



GENERAL USE SETSCREW STEP LUGS ALUMINUM

ALUMINUM
PV

AL9CU (90°C Rated)

LISTED
261L

For two, three and four aluminum or copper conductors to two and four hole flat pads.

Material: Aluminum Alloy—tin plated

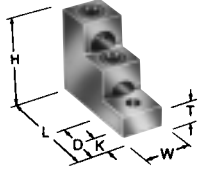


FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4



FIGURE 5



FIGURE 6

*TYPICAL FIGURES 4 & 5

CATALOG NUMBER	FIG. NO.	PAD BOLT SIZE	ALUMINUM OR COPPER CONDUCTOR RANGE (AWG OR MCM)	DIMENSIONS INCHES (MM)						APPROX. WT. EACH LBS. (KG.)
				L	D	K	W	H	T	
PV2300	1	5/16" (7.94)	#6 Str.—300 MCM	3 (76.20)	1 (25.40)	15/32 (11.90)	1 (25.40)	2 (50.80)	1/2 (12.70)	.26 (.18)
PV2500	4	3/8" (9.53)	#2 Str.—500 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	1-1/2 (38.10)	3 (76.20)	3/4 (19.05)	1.004 (.46)
PV2600	4	3/8" (9.53)	#2 Str.—600 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	1-1/2 (38.10)	3 (76.20)	3/4 (19.05)	.86 (.39)
PV2750	4	3/8" (9.53)	1/0 Str.—750 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	1-1/2 (38.10)	3 (76.20)	3/4 (19.05)	.80 (.36)
PV3300	3	5/16" (7.94)	#6 Str.—300 MCM	3 (76.20)	1 (25.40)	15/32 (11.90)	2-1/8 (53.93)	2 (50.80)	1/2 (12.70)	.66 (.30)
PV3500	6	3/8" (9.53)	#2 Str.—500 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	2-1/2 (63.50)	3 (76.20)	3/4 (19.05)	1.781 (.81)
PV3600	6	3/8" (9.53)	#2 Str.—600 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	2-1/2 (63.50)	3 (76.20)	3/4 (19.05)	1.86 (.84)
PV3750	6	3/8" (9.53)	1/0 Str.—750 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	2-27/32 (72.23)	3 (76.20)	3/4 (19.05)	1.88 (.85)
PV4300	2	5/16" (7.94)	#6 Str.—300 MCM	3 (76.20)	1 (25.40)	15/32 (11.90)	2-1/8 (53.93)	3 (76.20)	1/2 (12.70)	.56 (.25)
PV4500	5	3/8" (9.53)	#2 Str.—500 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	2-1/2 (63.50)	3 (76.20)	3/4 (19.05)	1.706 (.77)
PV4600	5	3/8" (9.53)	#2 Str.—600 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	2-1/2 (63.50)	3 (76.20)	3/4 (19.05)	1.785 (.81)
PV4750	5	" (9.53)	1/0 Str.—750 MCM	4-29/32 (124.62)	2-11/32 (59.35)	3/8 (9.53)	2-27/32 (72.23)	3 (76.20)	3/4 (19.05)	1.60 (.72)

GENERAL USE SETSCREW LUGS ALUMINUM

ALUMINUM
SG

AL9CU (90°C Rated)

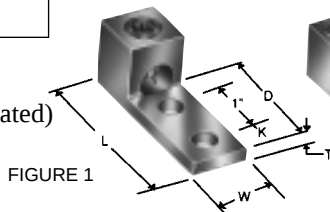
LISTED
261L

FIGURE 1

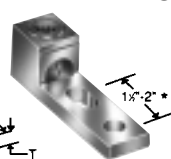


FIGURE 2



FIGURE 3

*TYPICAL FIGURES 2 & 3

Designed with slotted mounting holes on 350 MCM and above wire range for varied mounting arrangements.

Material: Aluminum Alloy—tin plated

CATALOG NUMBER	ALUMINUM OR COPPER CONDUCTOR RANGE (AWG OR MCM)	FIGURE	PAD BOLT SIZE	DIMENSIONS INCHES (MM)					APPROX. WT. EACH LBS. (KG.)
				L	D	K	W	T	
SG250	3/0 —250 MCM	1	3/8	3 (76.20)	2 (50.80)	1 (25.40)	1 (25.40)	1/4 (6.35)	.14 (.06)
SG350	#4—350 MCM	2	1/2	4-11/16 (119.06)	3-5/16 (84.14)	1-1/2 (38.10)	1-1/4 (31.75)	7/16 (11.11)	.54 (.24)
SG500	400 Str.—500 MCM	2	1/2	4-11/16 (119.06)	3-5/16 (84.14)	1-1/2 (38.10)	1-1/4 (31.75)	7/16 (11.11)	.56 (.25)
SG1000	350—1000 MCM	3	1/2	6-1/64 (152.80)	3-7/16 (87.31)	1-1/2 (38.10)	1-5/8 (41.28)	9/16 (14.29)	.88 (.40)



DISTRIBUTION CONNECTORS

SECTION DD

GENERAL USE SETSCREW TERMINAL PADS BRONZE 2 OR 3 CABLES TO PAD

BRONZE
LU2 & LU3

UL Listed for two or three copper conductors.

Material: Body—Bronze alloy
Hardware—Plated steel

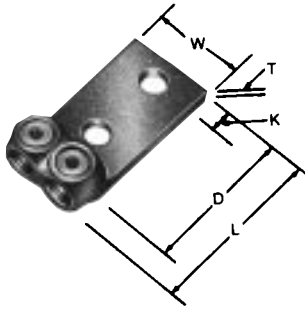


FIGURE 1

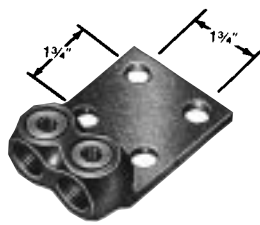


FIGURE 2



FIGURE 3



FIGURE 4



CATALOG NUMBER	FIG. NO.	COPPER CONDUCTOR RANGE (AWG OR MCM)	PAD BOLT SIZE	DIMENSIONS INCHES (MM)					APPROX. WT/100 LBS. (KG)
				L	D	K	W	T	
LU2102N	1	#4 Sol.—1/0 Str.	1/2	4 (101.6)	3-9/16 (90.49)	5/8 (15.88)	1-1/2 (38.10)	1/4 (6.35)	38 (17.23)
LU23002N	1	2/0 Str.—300 MCM	1/2	4-1/8 (104.78)	3-1/2 (88.90)	5/8 (15.88)	2 (50.80)	1/4 (6.35)	117 (53.05)
LU25002N	1	4/0 Str.—500 MCM	1/2	4-1/2 (114.30)	3-7/8 (98.43)	5/8 (15.88)	2-1/2 (63.50)	1/2 (12.70)	184 (83.44)
LU35002N	3	4/0 Str.—500 MCM	1/2	4-1/2 (114.30)	3-5/8 (92.08)	5/8 (15.88)	2-1/2 (63.50)	5/8 (15.88)	227 (102.94)
LU25004N	2	4/0 Str.—500 MCM	1/2	4-1/2 (114.30)	3-3/4 (95.25)	5/8 (15.88)	3 (76.20)	3/8 (9.53)	205 (92.96)
LU35004N	4	4/0 Str.—500 MCM	1/2	4-1/2 (114.30)	3-5/8 (92.08)	5/8 (15.88)	3 (76.20)	1/2 (12.70)	247 (112.01)
*LU310004N	4	500—1000 MCM	1/2	5-3/16 (131.76)	3-7/8 (98.43)	5/8 (15.88)	3-1/4 (82.55)	5/8 (15.88)	512 (232.19)

*Not UL Listed or CSA Approved.

DD
41

DISTRIBUTION CONNECTORS


 GENERAL USE
 SETSCREW LUGS
 BRONZE

BRONZE
LU

U.L. Listed for copper conductor.

Material: Body—Copper or bronze alloy
 Hardware—Plated steel



FIGURE 1



FIGURE 2

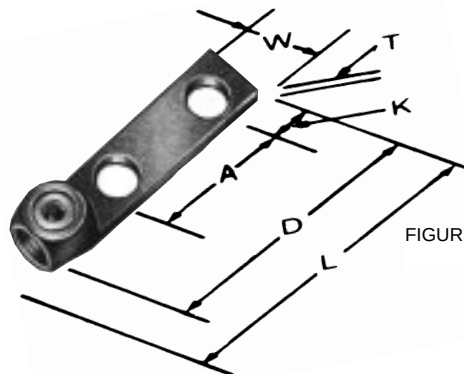


FIGURE 3



CATALOG NUMBER	FIG. NO.	COPPER CONDUCTOR RANGE (AWG OR MCM)	PAD BOLT SIZE	DIMENSIONS INCHES (MM)						APPROX. WT/100 LBS. (KG)
				L	A	D	K	W	T	
LU08	1	#14 Sol.—#8 Str.	#8-#10	13/16 (20.64)	—	1/2 (12.70)	3/16 (4.76)	3/8 (9.52)	.085 (2.16)	2 (.90)
LU04	1	#14 Sol.—#4 Str.	1/4	1-5/32 (29.37)	—	11/16 (17.46)	1/4 (6.35)	9/16 (14.29)	.100 (2.54)	4 (1.81)
LU10	1	#6 Sol.—1/0 Str.	5/16	1-1/2 (38.10)	—	7/8 (22.23)	3/8 (9.52)	3/4 (19.05)	7/64 (2.78)	12 (5.44)
LU102	3	#4 Sol.—1/0 Str.	5/16	2-7/8 (73.03)	1 (25.4)	2-3/8 (60.33)	7/16 (11.11)	3/4 (19.05)	1/4 (6.35)	15 (6.80)
LU40	1	#6 Str.—250 MCM	5/16	1-31/32 (50.00)	—	1-3/8 (34.93)	7/16 (11.11)	31/32 (24.61)	1/8 (3.18)	21 (9.52)
LU402	3	#6 Str.—250 MCM	3/8	3 (76.20)	1 (25.4)	2-1/2 (63.50)	7/16 (11.11)	15/16 (23.81)	1/4 (6.35)	30 (13.60)
LU300	2	2/0 Str.—300 MCM	3/8	2-3/16 (55.56)	—	1-1/2 (38.01)	1/2 (12.70)	1-1/16 (26.99)	1/4 (6.35)	25 (11.33)
LU300N	2	2/0 Str.—300 MCM	1/2	2-5/16 (58.74)	—	1-5/8 (41.28)	9/16 (14.29)	1-1/16 (26.99)	1/4 (6.35)	25 (11.33)
LU500	2	4/0 Str.—500 MCM	3/8	2-5/8 (66.68)	—	1-5/8 (41.28)	1/2 (12.70)	1-3/8 (34.93)	1/4 (6.35)	65 (29.47)
LU500N	2	4/0 Str.—500 MCM	1/2	2-5/8 (66.68)	—	1-5/8 (41.28)	9/16 (14.29)	1-3/8 (34.93)	1/4 (6.35)	65 (29.47)
LU5002N	3	4/0 Str.—500 MCM	1/2	4-1/2 (114.30)	1-3/4 (44.45)	3-5/8 (92.08)	5/8 (15.88)	1-3/8 (34.93)	1/4 (6.35)	82 (37.18)
*LU1000	2	500—1000 MCM	1/2	3-5/8 (92.08)	—	2-1/4 (57.15)	3/4 (19.05)	2 (50.80)	3/8 (9.53)	155 (70.29)

*Not UL Listed.



DISTRIBUTION CONNECTORS

SECTION DD

SNAP TAP™ PLASTIC COVER

PLASTIC
PTC

PTC1 & 2 Snap-on covers for aluminum compression taps.

PTC51 & 52 Snap-on covers for mechanical center bolt taps.

Material: Black plastic.



PTC51



PTC1

DD
43

CATALOG NUMBER	DESCRIPTION	APPROX. WT. EACH LBS. (KG)
PTC1**	For use on "O" die AC's or any H-frame connectors up to 1 3/4" long.	.045 (.0204)
PTC2**	For use on "D" die AC's or any H-frame connectors up to 2 1/2" long, VCP-43A, VCP-44 VAC-1040 and VAC-4040.	.070 (.0318)
PTC51**	For use on center bolt connectors LC-51A, LC-51C, LC52A, LC511A and LC-522A.	.052 (.0236)
PTC52**	For use on center bolt connectors LC-52C, LC-81A, LC-811A, LC-542.	.082 (.0372)

**RUS Listed