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DOSSERT® TYPE PSD-V-AA, PSD-V-CH-AA

Bolted Bus Support, Pipe, Slide or Tight Fit

Double ring support is designed to be corona free for 345 kV and 500 kV service.
Support is designed to be slip or tight fit depending on position of top caps.

Material

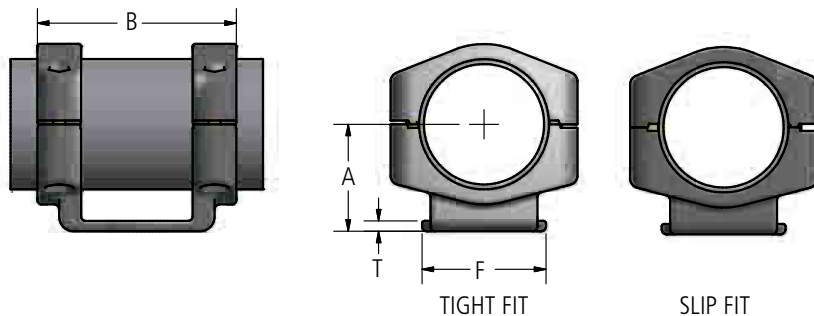
Aluminum Alloy

Hardware

Galvanized steel bolts and lockwashers for mounting.
Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

Tight fit as shown. For slide fit, rotate caps 180°.



Ordering Information

CATALOG NUMBER		SPS	BOLT CIRCLE	DIMENSIONS IN INCHES				BOLT SIZE
STANDARD	WITH CHATTER SPRING			A	B	F	T	
PSD250-5-V-AA	PSD250-5-V-CH-AA	2 1/2	5	3 1/8	9 7/8	6 1/4	17/32	1/2
PSD300-5-V-AA	PSD300-5-V-CH-AA	3	5	3 5/8	10 1/4	6 1/4	1/2	5/8
PSD300-7-V-AA	PSD300-7-V-CH-AA	3	7	3 5/8	14 1/2	8 1/2	1/2	5/8
PSD350-5-V-AA	PSD350-5-V-CH-AA	3 1/2	5	4	10 1/4	6 1/4	1/2	5/8
PSD350-7-V-AA	PSD350-7-V-CH-AA	3 1/2	7	4	14 1/2	8 1/2	1/2	5/8
PSD400-5-V-AA	PSD400-5-V-CH-AA	4	5	4 1/2	10 1/4	6 1/4	1/2	5/8
PSD400-7-V-AA	PSD400-7-V-CH-AA	4	7	4 1/2	14 1/2	8 1/2	1/2	5/8
PSD400-5-H-V-AA	PSD400-5-H-V-CH-AA	4	5	5	10 1/4	6 1/4	1/2	5/8
PSD500-5-V-AA	PSD500-5-V-CH-AA	5	5	5	10 1/4	6 1/4	1/2	5/8
PSD500-5-S-V-AA	PSD500-5-S-V-CH-AA	5	5	5 1/2	10 1/4	6 1/4	1/2	5/8
PSD500-7-V-AA	PSD500-7-V-CH-AA	5	7	5	12 3/4	8 1/2	5/8	5/8
PSD600-5-H-V-AA	PSD600-5-H-V-CH-AA	6	5	6 1/4	10 1/4	6 1/4	1/2	5/8
PSD600-5-V-AA	PSD600-5-V-CH-AA	6	5	5 1/2	10 1/4	6 1/4	1/2	5/8
PSD600-7-V-AA	PSD600-7-V-CH-AA	6	7	5 1/2	12 3/4	8 1/2	5/8	5/8
PSD800R-5-V-AA	PSD800R-5-V-CH-AA	8 DIA	5	7 1/2	10 1/4	6 1/4	1/2	5/8
PSD800-5-V-AA	PSD800-5-V-CH-AA	8	5	6 7/8	10 1/4	6 1/4	1/2	5/8
PSD800-7-V-AA	PSD800-7-V-CH-AA	8	7	6 7/8	12 3/4	8 1/2	5/8	5/8

DOSSERT® TYPE HPS-HV-AA

Hook support is designed to be corona free for 345 kV and 500 kV service. Support is designed for slip or tight fit applications; for tight fit application bus is field welded to support.

Material

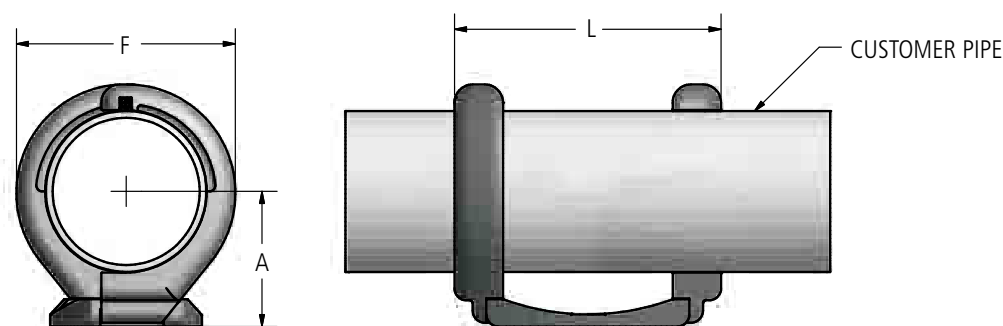
Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

Notes

Weld in field for rigid support.



Ordering Information

CATALOG NUMBER		SPS / EHPS	BOLT CIRCLE	DIMENSIONS IN INCHES		
STANDARD	WITH CHATTER SPRING			A	B	L
HPS300-3-HV-AA	HPS300-3-HV-CH-AA	3	3	3 5/8	5 1/4	9 3/8
HPS350-5-HV-AA	HPS350-5-HV-CH-AA	3 1/2	5	4	5 7/8	10 7/8
HPS400-5-HV-AA	HPS400-5-HV-CH-AA	4	5	4 1/2	6 1/2	10 7/8
HPS400-7-HV-AA	HPS400-7-HV-CH-AA	4	7	4 1/2	6 1/2	10 7/8
HPS500-5-HV-AA	HPS500-5-HV-CH-AA	5	5	5	7 7/8	10 7/8
HPS500-7-HV-AA	HPS500-7-HV-CH-AA	5	7	5	7 7/8	13 7/8
HPS600-5-HV-AA	HPS600-5-HV-CH-AA	6	5	5 1/2	9 1/8	10 7/8
HPS600-7-HV-AA	HPS600-7-HV-CH-AA	6	7	5 1/2	9 1/8	10 7/8

DOSSERT® TYPE WPS-V-AA, WPS-V-CH-AA

Welded Ring Bus Support

Double ring support is designed to be corona free for 345 kV and 500 kV service. Support is designed to be slip or tight fit; for tight fit bus is field weld to support.

Material

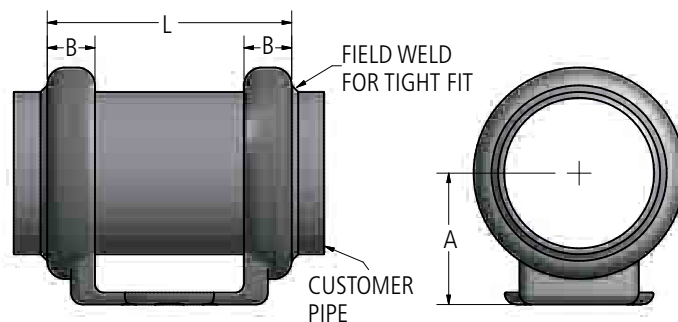
Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.
Mounting hardware will be supplied.

Notes

For a 5" pipe, with a 5" BC, high voltage, with a chatter spring use WPS500-5-V-CH-AA.



Ordering Information

CATALOG NUMBER		SPS	BOLT CIRCLE	DIMENSIONS IN INCHES		
STANDARD	WITH CHATTER SPRING			A	B	L
WPS250-3-V-AA	WPS250-3-V-CH-AA	2 1/2	3	3 1/8	1 1/2	7 1/4
WPS250-5-V-AA	WPS250-5-V-CH-AA	2 1/2	5	3 1/8	1 1/2	10
WPS300-5-V-AA	WPS300-5-V-CH-AA	3	5	3 5/8	2	10 1/2
WPS300-7-V-AA	WPS300-7-V-CH-AA	3	7	3 5/8	2	12 3/4
WPS350-5-V-AA	WPS350-5-V-CH-AA	3 1/2	5	4	2 1/4	10
WPS350-7-V-AA	WPS350-7-V-CH-AA	3 1/2	7	4	2 1/4	13 1/4
WPS400-5-V-AA	WPS400-5-V-CH-AA	4	5	4 1/2	2	10 1/2
WPS400-7-V-AA	WPS400-7-V-CH-AA	4	7	4 1/2	2	12 1/2
WPS500-5-V-AA	WPS500-5-V-CH-AA	5	5	5	2	10 1/2
WPS600-5-V-AA	WPS600-5-V-CH-AA	6	5	5 1/2	2	10 1/2
WPS600-7-V-AA	WPS600-7-V-CH-AA	6	7	5 1/2	2	12 1/2
WPS800-5-V-AA	WPS800-5-V-CH-AA	8	5	6 7/8	2	12 1/2

DOSSERT® TYPE WPSSL-V-AA

Aluminum Welded Bus Support, Slide or Fixed Type

Pipe or bus tube is welded to support. Designed for 500 kV service. The support is then bolted directly into the insulator. Bolt sleeves allow the whole support to slide on the insulator. Bolt sleeves for rigid fix support can be ordered.

Material

Aluminum Alloy

Mounting Hardware

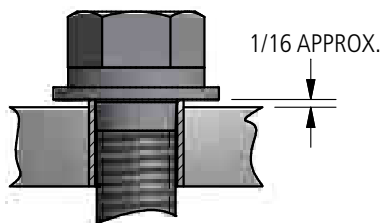
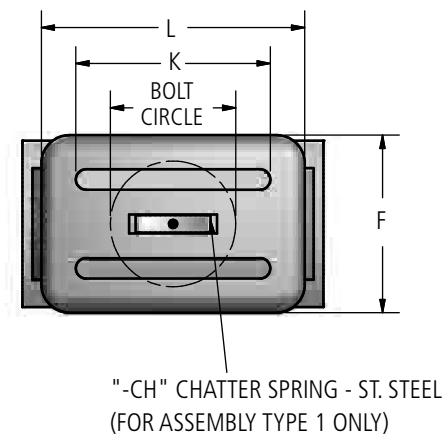
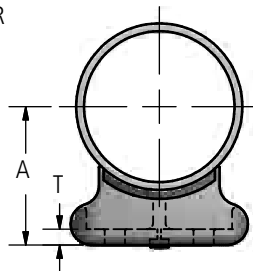
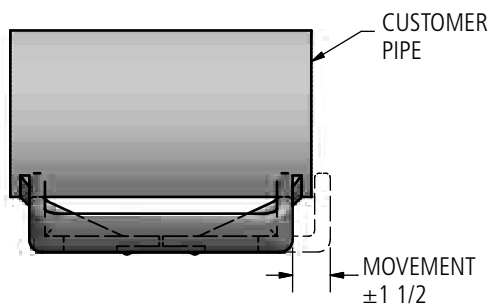
Galvanized steel bolts and lockwashers.

Notes

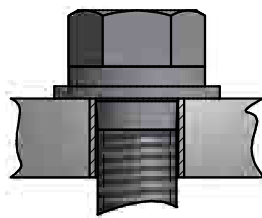
Add "-R" to catalog number for rigid fit order:
WPSSL300-5-R-V-AA

Add "-SR" for slip and rigid fix order:
WPSSL300-5-SR-V-AA

For chatter spring add "-CH" to catalog number
order: WPSSL300-5-CH-V-AA



SLIDE BUS SUPPORT
ASSEMBLY 1



RIGID FIXED BUS SUPPORT
ASSEMBLY 2

DOSSERT® TYPE WPSSL-V-AA

Aluminum Welded Bus Support, Slide or Fixed Type

Ordering Information

CATALOG NUMBER		SPS ALUM	BOLT CIRCLE	DIMENSIONS IN INCHES					BOLT SIZE
REGULAR	WITH CHATTER SPRING			A	F	K	L	T	
WPSSL250-3-V-AA	WPSSL250-3-CH-V-AA	2 1/2	3	3 1/8	4 3/4	5 1/2	8 1/2	1/2	1/2
WPSSL250-5-V-AA	WPSSL250-5-CH-V-AA	2 1/2	5	3 1/8	6 3/4	7 1/2	10 1/2	1/2	5/8
WPSSL250-7-V-AA	WPSSL250-7-CH-V-AA	2 1/2	7	3 1/8	8 3/4	9 1/2	12 1/2	1/2	3/4
WPSSL300-3-V-AA	WPSSL300-3-CH-V-AA	3	3	3 5/8	4 3/4	5 1/2	8 1/2	1/2	1/2
WPSSL300-5-V-AA	WPSSL300-5-CH-V-AA	3	5	3 5/8	6 3/4	7 1/2	10 1/2	1/2	5/8
WPSSL300-7-V-AA	WPSSL300-7-CH-V-AA	3	7	3 5/8	8 3/4	9 1/2	12 1/2	1/2	3/4
WPSSL350-3-V-AA	WPSSL350-3-CH-V-AA	3 1/2	3	4	4 3/4	5 1/2	8 1/2	5/8	1/2
WPSSL350-5-V-AA	WPSSL350-5-CH-V-AA	3 1/2	5	4	6 3/4	7 1/2	10 1/2	5/8	5/8
WPSSL350-7-V-AA	WPSSL350-7-CH-V-AA	3 1/2	7	4	8 3/4	9 1/2	12 1/2	5/8	3/4
WPSSL400-3-V-AA	WPSSL400-3-CH-V-AA	4	3	4 1/2	4 3/4	5 1/2	8 1/2	5/8	1/2
WPSSL400-5-V-AA	WPSSL400-5-CH-V-AA	4	5	4 1/2	6 3/4	7 1/2	10 1/2	5/8	5/8
WPSSL400-7-V-AA	WPSSL400-7-CH-V-AA	4	7	4 1/2	8 3/4	9 1/2	12 1/2	5/8	3/4
WPSSL500-3-V-AA	WPSSL500-3-CH-V-AA	5	3	5	4 3/4	5 1/2	8 1/2	5/8	1/2
WPSSL500-5-V-AA	WPSSL500-5-CH-V-AA	5	5	5	6 3/4	7 1/2	10 1/2	5/8	5/8
WPSSL500-7-V-AA	WPSSL500-7-CH-V-AA	5	7	5	8 3/4	9 1/2	12 1/2	5/8	3/4
WPSSL600-3-V-AA	WPSSL600-3-CH-V-AA	6	3	5 1/2	4 3/4	5 1/2	8 1/2	5/8	1/2
WPSSL600-5-V-AA	WPSSL600-5-CH-V-AA	6	5	5 1/2	6 3/4	7 1/2	10 1/2	5/8	5/8
WPSSL600-7-V-AA	WPSSL600-7-CH-V-AA	6	7	5 1/2	8 3/4	9 1/2	12 1/2	5/8	3/4
WPSSL800R-3-V-AA	WPSSL800R-3-CH-V-AA	8" O.D.	3	6 1/2	4 3/4	5 1/2	8 1/2	5/8	1/2
WPSSL800R-5-V-AA	WPSSL800R-5-CH-V-AA	8" O.D.	5	6 1/2	6 3/4	7 1/2	10 1/2	5/8	5/8
WPSSL800R-7-V-AA	WPSSL800R-7-CH-V-AA	8" O.D.	7	6 1/2	8 3/4	9 1/2	12 1/2	5/8	3/4

DOSSERT® TYPE 34700 EHV

Welded Vertical Bus Support

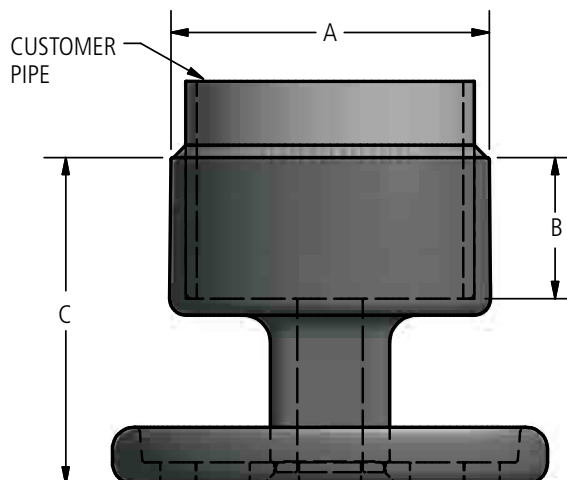
Vertical end support is designed to be corona free for 345 kV and 500 kV service. Slotted bolt holes in base provide for misalignment of insulator.

Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	SPS & EPHS	A	B	C	
5" BOLT CIRCLE					
34708-5 EHV	3	4.12	1.75	6.25	6.1
34709-5 EHV	3-1/2	4.69	2.00	6.50	6.4
34710-5 EHV	4	5.19	2.25	6.75	6.8
34712-5 EHV	5	6.25	2.75	7.25	7.5
34713-5 EHV	6	7.38	3.25	7.75	9.0
7" BOLT CIRCLE					
34708-7 EHV	3	4.12	1.75	6.25	8.1
34709-7 EHV	3-1/2	4.69	2.00	6.50	8.4
34710-7 EHV	4	5.19	2.25	6.75	8.8
34712-7 EHV	5	6.25	2.75	7.25	9.5
34713-7 EHV	6	7.38	3.25	7.75	11.0
34715-7 EHV	8 OD	9	4.25	8.75	13.0
34716-7 EHV	8	9.38	4.25	8.75	13.0

DOSSERT® TYPE WXBC-V-AA

Welded Expansion Bus Support Rated for 345 kV

Material

Aluminum Alloy

Notes

For chatter spring add "-CH" to catalog number, order: WXBC500-5-V-CH-AA.

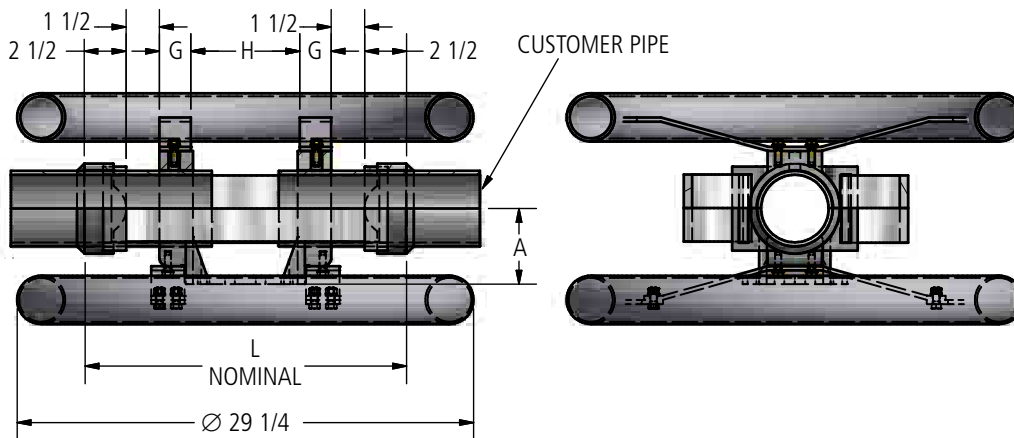
Hardware

Galvanized steel mounting hardware included.

Stainless steel bolts, lockwashers, and flatwashers.

For end plugs add "-WP" to catalog

number, order: WXBC500-5-V-AA-WP.



Ordering Information

CATALOG NUMBER		SPS	SCHEDULE NUMBER	BOLT CIRCLE	DIMENSIONS IN INCHES			
STANDARD	WITH CHATTER SPRING				A	G	H	L
WXBC300-5-V-AA	WXBC300-5-V-CH-AA	3	40	5	3 5/8	1 1/4	6 1/4	16 3/8
WXBC350-5-V-AA	WXBC350-5-V-CH-AA	3 1/2	40	5	4	1 1/4	6 1/4	16 3/8
WXBC400-5-V-AA	WXBC400-5-V-CH-AA	4	40	5	4 1/2	2	6 1/4	18 1/4
WXBC400-7-V-AA	WXBC400-7-V-CH-AA	4	40	7	4 1/2	2	8 1/2	20 1/2
WXBC400E-5-V-AA	WXBC400E-5-V-CH-AA	4	80	5	4 1/2	2	6 1/4	18 1/4
WXBC500-5-V-AA	WXBC500-5-V-CH-AA	5	40	5	5	2	6 1/4	18 1/4
WXBC500E-5-V-AA	WXBC500E-5-V-CH-AA	5	80	5	5	2	6 1/4	18 1/4
WXBC500-7-V-AA	WXBC500-7-V-CH-AA	5	40	7	5	2	8 1/2	20 1/2
WXBC600-5-V-AA	WXBC600-5-V-CH-AA	6	40	5	5 1/2	2	6 1/4	18 1/4
WXBC600-7-V-AA	WXBC600-7-V-CH-AA	6	40	7	5 1/2	2	8 1/2	20 1/2
WXBC600E-5-V-AA	WXBC600E-5-V-CH-AA	6	80	5	5 1/2	2	6 1/4	18 1/4
WXBC800E-5-V-AA	WXBC800E-5-V-CH-AA	8	80	5	6 7/8	2	6 1/4	18 1/4
WXBC800R-5-V-AA	WXBC800R-5-V-CH-AA	8" O.D.	-	5	7 1/2	2	6 1/4	18 1/4

Each item should be either SCH 40 or SCH 80 (E).

DOSSERT® TYPE WXBC-HV-AA

Welded Expansion Bus Support Rated for 500 kV

Material

Aluminum Alloy

Mounting Hardware

Galvanized mounting hardware included.

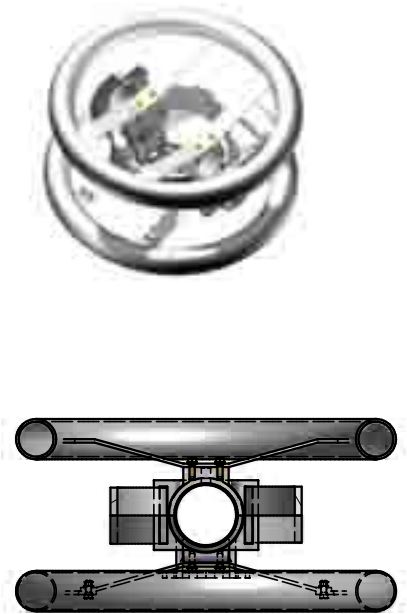
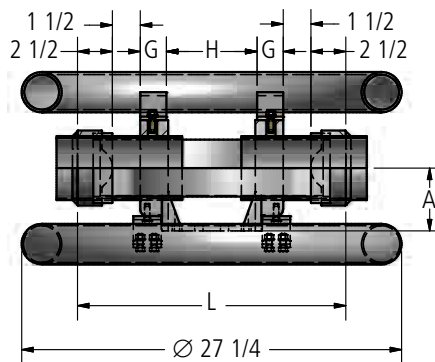
Hardware

Stainless steel bolts, lockwashers, and flatwashers.

Notes

For chatter spring add "-CH" to catalog number, order: WXBC500-5-HV-CH-AA.

For end plugs add "-WP" to catalog number, order: WXBC500-5-HV-AA-WP.



Ordering Information

CATALOG NUMBER		SPS	SCHEDULE NUMBER	BOLT CIRCLE	DIMENSIONS IN INCHES			
STANDARD	WITH CHATTER SPRING				A	G	H	L
WXBC400-5-HV-AA	WXBC400-5-HV-CH-AA	4	40	5	4 1/2	2	6 1/4	18 1/4
WXBC400-7-HV-AA	WXBC400-7-HV-CH-AA	4	40	7	4 1/2	2	8 1/2	20 1/2
WXBC400E-5-HV-AA	WXBC400E-5-HV-CH-AA	4	80	5	4 1/2	2	6 1/4	18 1/4
WXBC400E-7-HV-AA	WXBC400E-7-HV-CH-AA	4	80	7	4 1/2	2	8 1/2	20 1/2
WXBC500-5-HV-AA	WXBC500-5-HV-CH-AA	5	40	5	5	2	6 1/4	18 1/4
WXBC500-7-HV-AA	WXBC500-7-HV-CH-AA	5	40	7	5	2	8 1/2	20 1/2
WXBC500E-5-HV-AA	WXBC500E-5-HV-CH-AA	5	80	5	5	2	6 1/4	18 1/4
WXBC600-5-HV-AA	WXBC600-5-HV-CH-AA	6	40	5	5 1/2	2	6 1/4	18 1/4
WXBC600-7-HV-AA	WXBC600-7-HV-CH-AA	6	40	7	5 1/2	2	8 1/2	20 1/2
WXBC600E-5-HV-AA	WXBC600E-5-HV-CH-AA	6	80	5	5 1/2	2	6 1/4	18 1/4
WXBC800E-5-S-HV-AA	WXBC800E-5-S-HV-CH-AA	8	80	5	6 7/8	2	6 1/4	18 1/4
WXBC800R-5-S-HV-AA	WXBC800R-5-S-HV-CH-AA	8" OD	-	5	7 1/2	2	6 1/4	18 1/4
WXBC800R-7-S-HV-AA	WXBC800R-7-S-HV-CH-AA	8" OD	-	7	7 1/2	2 1/2	9 1/8	22 1/8

Each item should be either SCH 40 or SCH 80 (E).

DOSSERT[®] TYPE C2SWB-V-AA Cable Support Clamp

Two-conductor strain bus support is designed to be corona free for 500 kV service.

Material

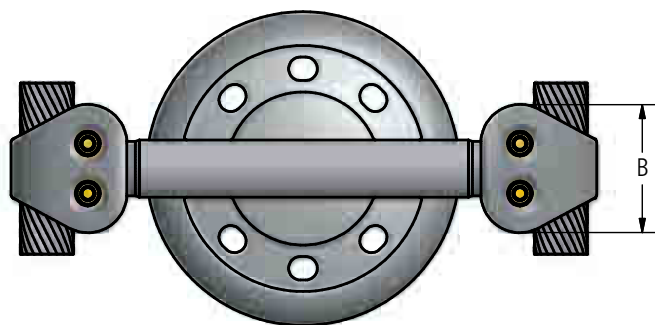
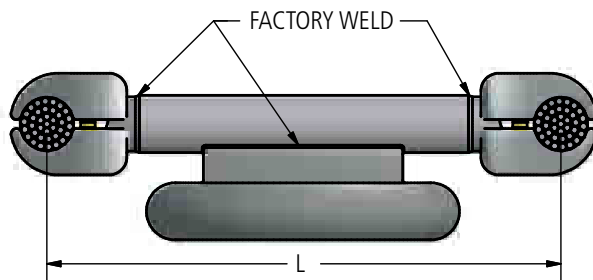
Aluminum Alloy

Clamping Hardware

Aluminum bolts, lockwashers, and rubber retainers.

Mounting Hardware

Galvanized steel bolts and lockwashers.



DOSSERT® TYPE C2SWB-V-AA Cable Support Clamp

Ordering Information

CATALOG NUMBER	CABLE RANGE			BOLT CIRCLE	DIMENSIONS IN INCHES	
	ALUMINUM		ACSR		B	L
	MIN	MAX				
C2SWB79-12-5-V-AA	750MCM	795MCM	636 (18/1) (24/7) (26/7)	5	2	12
C2SWB79-18-5-V-AA	750MCM	795MCM	656 (18/1) (24/7) (26/7)	5	2	18
C2SWB95-12-5-V-AA	800MCM	954MCM	795 (45/7) (24/7) (26/7)	5	2	12
C2SWB95-18-5-V-AA	800MCM	954MCM	795 (45/7) (24/7) (26/7)	5	2	18
C2SWB95-18-7-V-AA	800MCM	954MCM	795 (45/7) (24/7) (26/7)	7	2	18
C2SWB103-12-5-V-AA	1000MCM	1033,5MCM	945 (45/7) (54/7)	5	2	12
C2SWB103-12-7-V-AA	1000MCM	1033,5MCM	945 (45/7) (54/7)	7	2	12
C2SWB103-18-5-V-AA	1000MCM	1033,5MCM	945 (45/7) (54/7)	5	2	18
C2SWB103-18-7-V-AA	1000MCM	1033,5MCM	945 (45/7) (54/7)	7	2	18
C2SWB127-12-5-V-AA	1113MCM	1272MCM	1113 (45/7) (54/19)	5	4 1/2	12
C2SWB127-18-5-V-AA	1113MCM	1272MCM	1113 (45/7) (54/19)	5	4 1/2	18
C2SWB127-18-7-V-AA	1113MCM	1272MCM	1113 (45/7) (54/19)	7	4 1/2	18
C2SWB143-12-5-V-AA	1300MCM	1431MCM	1272 (45/7) (54/19)	5	4 1/2	12
C2SWB143-18-5-V-AA	1300MCM	1431MCM	1272 (45/7) (54/19)	5	4 1/2	18
C2SWB143-18-7-V-AA	1300MCM	1431MCM	1272 (45/7) (54/19)	7	4 1/2	18
C2SWB160-12-5-V-AA	1500MCM	1600MCM 1272 ROPE L.	1431 (45/7) (54/19)	5	4 1/2	12
C2SWB160-18-5-V-AA	1500MCM	1600MCM 1272 ROPE L.	1431 (45/7) (54/19)	5	4 1/2	18
C2SWB160-18-7-V-AA	1500MCM	1600MCM 1272 ROPE L.	1431 (45/7) (54/19)	7	4 1/2	18
C2SWB180-12-5-V-AA	1700MCM	1800MCM	1590 (45/7) (54/19)	5	4 1/2	12
C2SWB180-18-5-V-AA	1700MCM	1800MCM	1590 (45/7) (54/19)	5	4 1/2	18
C2SWB180-18-7-V-AA	1700MCM	1800MCM	1590 (45/7) (54/19)	7	4 1/2	18
C2SWB205-12-5-V-AA	2000MCM	2049MCM	1780(84/19) 2034,5(72/7)	5	4 1/2	12
C2SWB205-13-5-V-AA	2000MCM	2049MCM	1780(84/19) 2034,5(72/7)	5	4 1/2	13
C2SWB205-18-5-V-AA	2000MCM	2049MCM	1780(84/19) 2034,5(72/7)	5	4 1/2	18
C2SWB205-18-7-V-AA	2000MCM	2049MCM	1780(84/19) 2034,5(72/7)	7	4 1/2	18
C2SWB250-12-5-V-AA	2250MCM	2500MCM	2156(84/19) 2300(96/19)	5	4 1/2	12
C2SWB250-18-5-V-AA	2250MCM	2500MCM	2156(84/19) 2300(96/19)	5	4 1/2	18
C2SWB250-18-7-V-AA	2250MCM	2500MCM	2156(84/19) 2300(96/19)	7	4 1/2	18
C2SWB275-18-5-V-AA	-	2750MCM	2515(76/19)	5	4 1/2	18
C2SWB275-18-7-V-AA	-	2750MCM	2515(76/19)	7	4 1/2	18

DOSSERT® TYPE 15700 EHV

Support, Bolted, Slip & Fixed

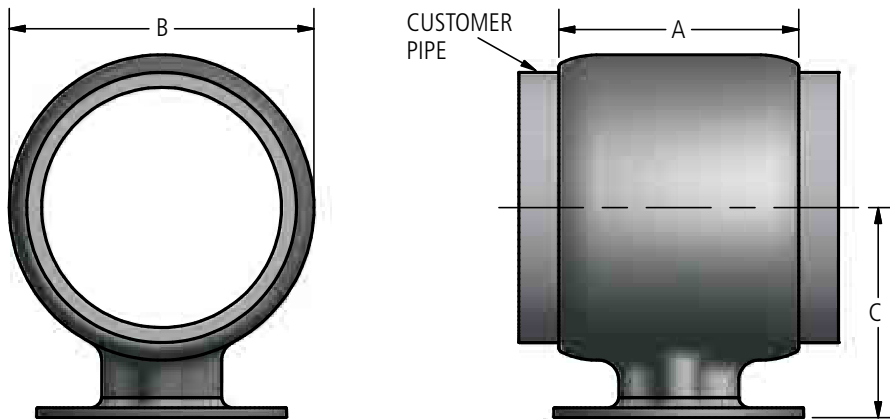
Single ring support is designed to be corona free for 345 kV and 500 kV service. Support is designed to be slip or tight fit; for tight fit bus is field welded to support. Stainless steel chatter springs are supplied as standard item for slip fit applications.

Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	SPS & EPHS	A	B	C	
5" BOLT CIRCLE					
15708-5 EHV	3	3.00	4.44	3.62	3.2
15709-5 EHV	3 1/2	3.50	5.00	4.00	3.8
15710-5 EHV	4	4.00	5.56	4.50	4.6
15712-5 EHV	5	5.00	6.44	5.00	5.4
15713-5 EHV	6	6.00	7.62	5.50	7.7
7" BOLT CIRCLE					
15708-7 EHV	3	3.00	4.44	3.62	4.3
15709-7 EHV	3 1/2	3.50	5.00	4.00	4.9
15710-7 EHV	4	4.00	5.56	4.50	5.7
15712-7 EHV	5	5.00	6.44	5.00	6.5
15713-7 EHV	6	6.00	7.62	5.50	8.8

DOSSERT® TYPE 32800 EHV

Support, Bolted, Wave Trap-Type

Wave trap support is designed to be corona free for 345 kV and 500 kV service. Support is combination wave trap support and tight fit bus support designed with standard bolt circle pattern on top and bottom mounting surfaces. Support is supplied with bus clamp hardware and two sets of insulator mounting hardware. Distance from the centerline of the bus to top and bottom mounting surfaces is standard NEMA center line distance.

Material

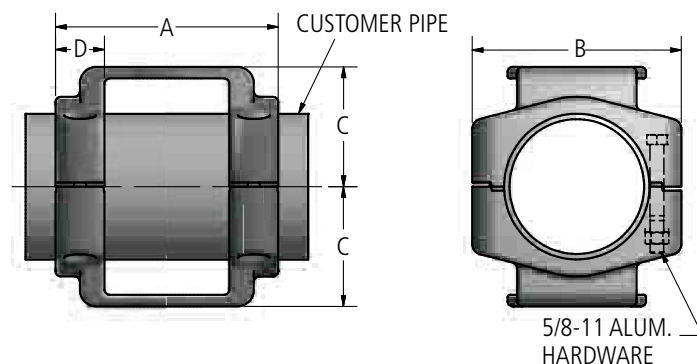
Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS
	SPS & EPHS	A	B	C	D	
5" BOLT CIRCLE						
32808-5 EHV	3	10.50	7.25	3.62	2.00	8.8
32809-5 EHV	3 1/2	11.00	7.75	4.00	2.25	13.1
32810-5 EHV	4	11.00	8.25	4.50	2.25	15.8
32812-5 EHV	5	11.50	9.50	5.00	2.50	19.1
32813-5 EHV	6	11.50	10.50	5.50	2.50	19.7
7" BOLT CIRCLE						
32808-7 EHV	3	12.75	7.25	3.62	2.00	11.0
32809-7 EHV	3 1/2	13.25	7.75	4.00	2.25	14.9
32810-7 EHV	4	13.25	8.25	4.50	2.25	17.6
32812-7 EHV	5	13.75	9.50	5.00	2.50	20.9
32813-7 EHV	6	13.75	10.50	5.50	2.50	21.5

DOSSERT® TYPE 35700 EHV

Expansion support is designed to be corona free for 500 kV service. Rope lay expansion provides for 2.6" (66 mm) of expansion or contraction. Dimension "D" shown is for an installation temperature of 68° F (20° C); for other installation temperatures see page 11. Stainless steel chatter springs are supplied; weld end plugs can be supplied if required.

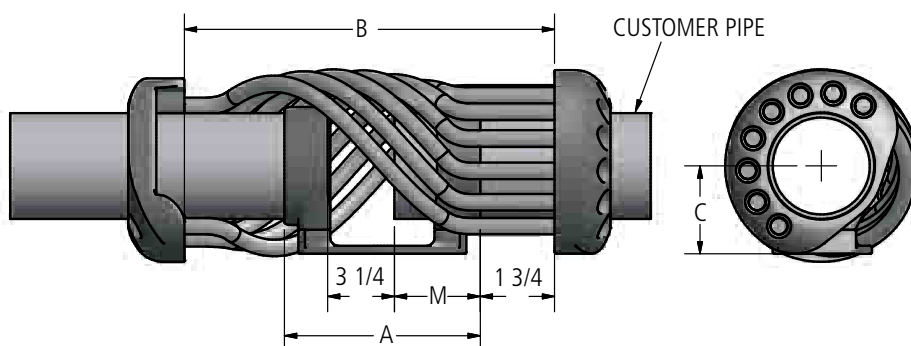


Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS
	SPS & EPHS	A	B	C	M	
5" BOLT CIRCLE						
35708-5 EHV	3	10.50	20.50	3.62	3.62	21.0
35709-5 EHV	3 1/2	11.00	21.94	4.00	3.88	22.0
35710-5 EHV	4	11.00	21.94	4.50	3.88	23.0
35712-5 EHV	5	11.50	20.62	5.00	4.12	26.0
35713-5 EHV	6	11.50	23.12	5.50	4.12	34.0
7" BOLT CIRCLE						
35708-7 EHV	3	12.75	22.75	3.62	4.75	22.0
35709-7 EHV	3 1/2	13.25	24.19	4.00	5.00	23.0
35710-7 EHV	4	13.25	24.19	4.50	5.00	24.0
35712-7 EHV	5	13.75	22.88	5.00	5.25	27.0
35713-7 EHV	6	13.75	25.38	5.50	5.25	35.0

DOSSERT® TYPE 33800 EHV

Cable Support

Single conductor strain bus support is designed to be corona free for 345 kV service. Support is designed with universal groove to accept conductors with diameter from 1.545" to 2.158".

Material

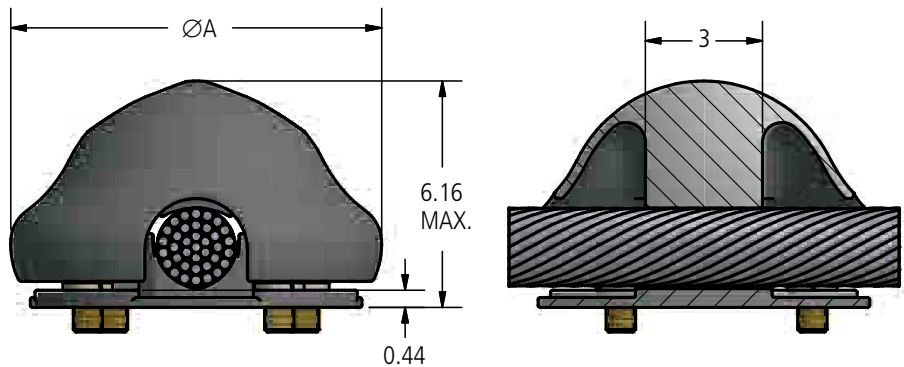
Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR DIAMETER RANGE	DIMENSIONS IN INCHES	NOMINAL WEIGHT LBS
		A	
5" BOLT CIRCLE			
33805-5 EHV	1.545 - 2.158	7.25	4.5
7" BOLT CIRCLE			
33805-7 EHV	1.545 - 2.158	9.5	6.6

DOSSERT® TYPE CP-V-AA

Pipe-to-Pipe Coupler

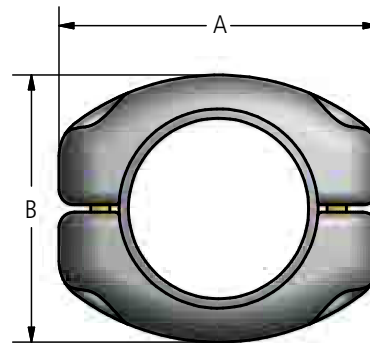
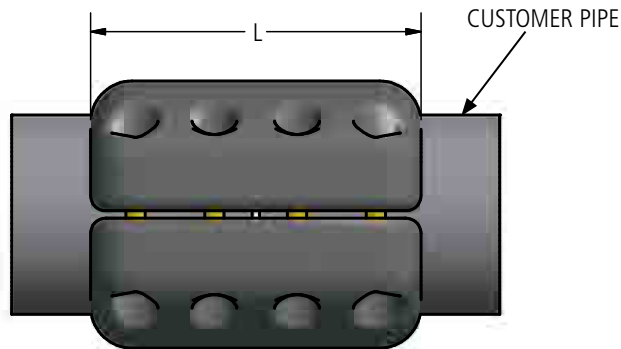
Joins two pipes of the same size together corona free up to 500 kV.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES			BOLT SIZE
	SPS & EPHS	A	B	C	
CP250-V-AA	2 1/2	5 3/4	4 7/8	8 1/4	1/2
CP300-V-AA	3	7 3/8	5 1/2	10 1/4	5/8
CP350-V-AA	3 1/2	7 7/8	6 1/8	10 1/4	5/8
CP400-V-AA	4	8 3/8	6 5/8	12 1/4	5/8
CP500-V-AA	5	9 3/8	7 7/8	16 1/4	5/8
CP600-V-AA	6	10 5/8	8 7/8	16 1/4	5/8
CP800R-V-AA	8" OD	12	11 1/8	18 1/4	5/8
CP800-V-AA	8	11 7/8	10 7/8	18 1/4	5/8

DOSSERT® TYPE CPV-V-AA

Variable Angle Pipe Coupler

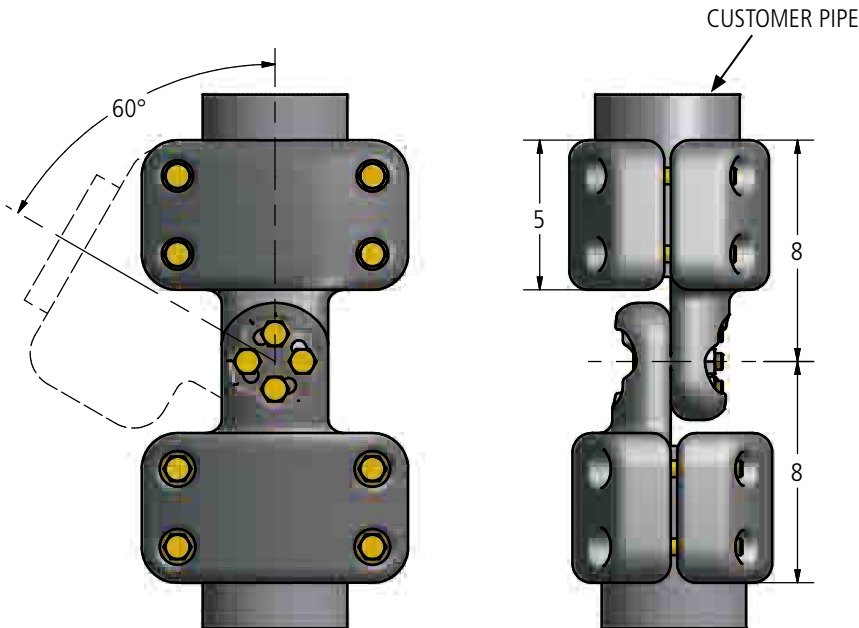
Pipe coupler is designed to be corona free for 345 kV and 500 kV service. Coupler designed to change angle to the installers suit.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



Ordering Information

CATALOG NUMBER	SPS	NOMINAL WEIGHT LBS
CPV400-V-AA	4	26
CPV500-V-AA	5	47
CPV600-V-AA	6	54

DOSSERT[®] TYPE WWC-AA, WWC-E-AA

Aluminum Welded Coupler Rated for 500 kV

Coupler is designed to make connections with high mechanical strength and high electrical conductivity.

Material

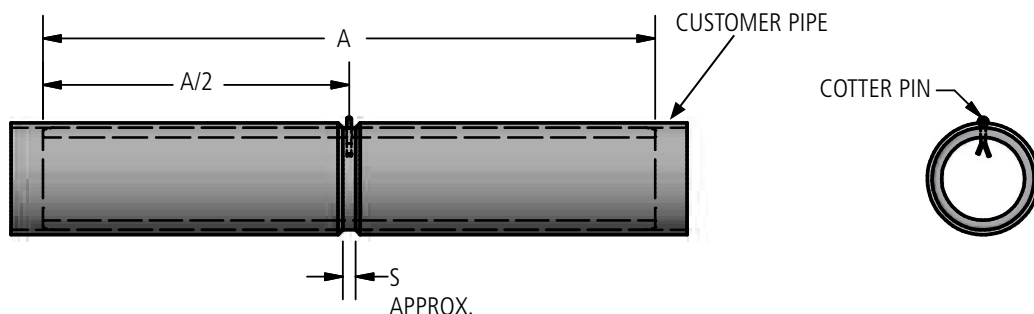
Aluminum tubing

Hardware

Aluminum cotter pin

Notes

For pipe sizes greater than 6 inch or special I.D. and O.D. applications, please contact AFL. A shorter version of this coupler is Type WS.



Ordering Information

CATALOG NUMBER		SPS / EPHS		
SCHEDULE 40	SCHEDULE 80		A	C
WWC75-AA	WWC75E-AA	3/4	4-1/2	1/4
WWC100-AA	WWC100E-AA	1	6	1/4
WWC125-AA	WWC125E-AA	1-1/4	7-1/2	3/8
WWC150-AA	WWC150E-AA	1-1/2	9	3/8
WWC200-AA	WWC200E-AA	2	12	3/8
WWC250-AA	WWC250E-AA	2-1/2	15	1/2
WWC300-AA	WWC300E-AA	3	18	1/2
WWC350-AA	WWC350E-AA	3-1/2	21	1/2
WWC400-AA	WWC400E-AA	4	24	1/2
WWC450-AA	WWC450E-AA	4-1/2	24	1/2
WWC500-AA	WWC500E-AA	5	24	1/2
WWC600-AA	WWC600E-AA	6	24	5/8
WWC600R38-AA	-	6 OD 3/8 WALL	38	5/8
WWC800-AA	WWC800E-AA	8	24	5/8
WWC800R38-AA	-	8 OD 3/8 WALL	38	5/8
WWC800R-AA	-	8 OD 1/2 WALL	24	5/8

DOSSERT® TYPE WWCR-V-AA

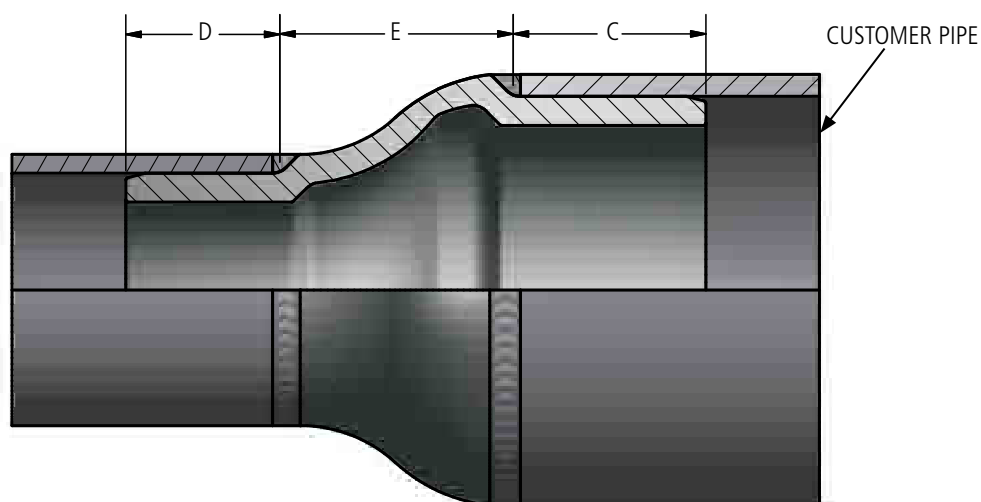
Welded Reducing Coupler

Reducing coupler for joining aluminum pipe of different diameters. Designed to be corona free for 500 kV service. Provides maximum structural reinforcement at the joint as well as neat and corona free installation. Pipe is easily aligned and held during welding.



Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS		DIMENSIONS IN INCHES		
	RUN	BRANCH	C	D	E
WWCR400-300-V-AA	4	3	2 1/4	2	1 5/16
WWCR400-350-V-AA	4	3 1/2	2 1/4	2	1
WWCR500-300-V-AA	5	3	2 1/2	2	3
WWCR500-350-V-AA	5	3 1/2	2 1/2	2	1 13/16
WWCR500-400-V-AA	5	4	2 1/2	2 1/4	1 3/8
WWCR600-300-V-AA	6	3	3	2	2 1/2
WWCR600-350-V-AA	6	3 1/2	3	2	2 1/2
WWCR600-400-V-AA	6	4	3	2 1/4	2 11/16
WWCR600-500-V-AA	6	5	3	2 1/2	2
WWCR800R-400-V-AA	8 OD	4	4	3	3 5/16
WWCR800-500-V-AA	8	5	4	3	3

DOSSERT® TYPE XWWC-V-AA, XWWC-HV-AA

Expansion Coupler

Expansion coupler for aluminum pipe connections. Provided with alignment guide for field weld.

Material

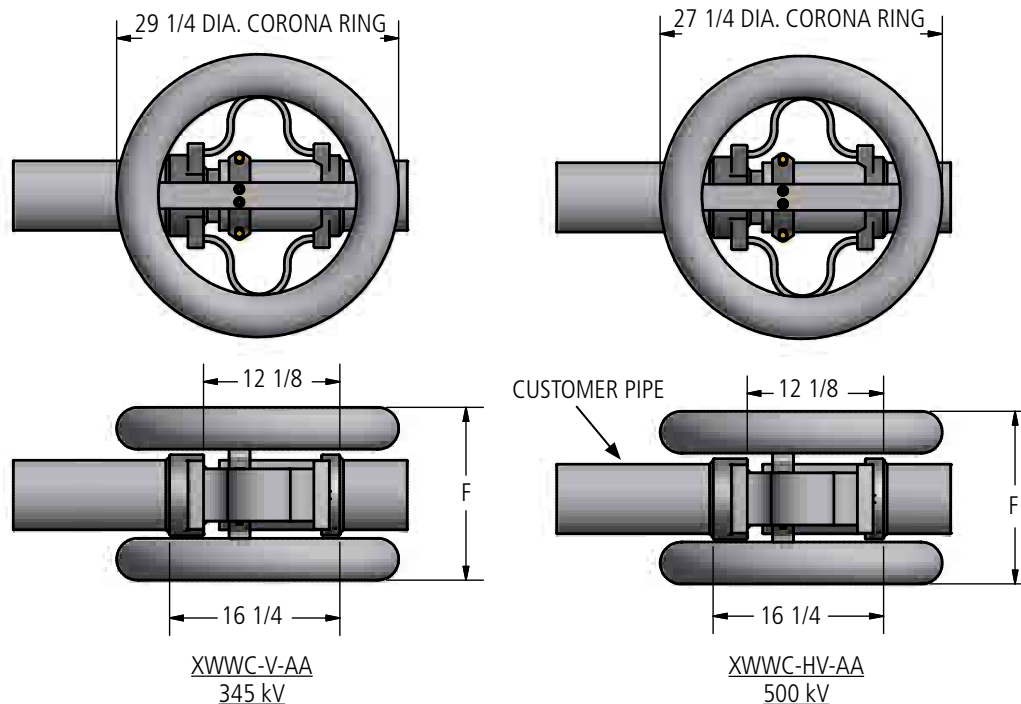
Aluminum Alloy

Hardware

Aluminum bolts, nuts, and lockwashers.



345/500 kV Couplers



Ordering Information

CATALOG NUMBER				SPS / EPHS	DIMENSIONS IN INCHES
345 kV		500 kV			
SCHEDULE 40	SCHEDULE 80	SCHEDULE 40	SCHEDULE 80		F
XWWC250-V-AA	XWWC250E-V-AA	XWWC250-HV-AA	XWWC250E-HV-AA	2 1/2	10 1/4
XWWC300-V-AA	XWWC300E-V-AA	XWWC300-HV-AA	XWWC300E-HV-AA	3	11 1/4
XWWC400-V-AA	XWWC400E-V-AA	XWWC400-HV-AA	XWWC400E-HV-AA	4	12 1/8
XWWC500-V-AA	XWWC500E-V-AA	XWWC500-HV-AA	XWWC500E-HV-AA	5	13 1/8
XWWC600-V-AA	XWWC600E-V-AA	XWWC600-HV-AA	XWWC600E-HV-AA	6	14 1/4
XWWC800-V-AA	XWWC800E-V-AA	XWWC800-HV-AA	XWWC800E-HV-AA	8	15 1/4

DOSSERT® TYPE XWWCT-HV-AA

Expansion Coupler

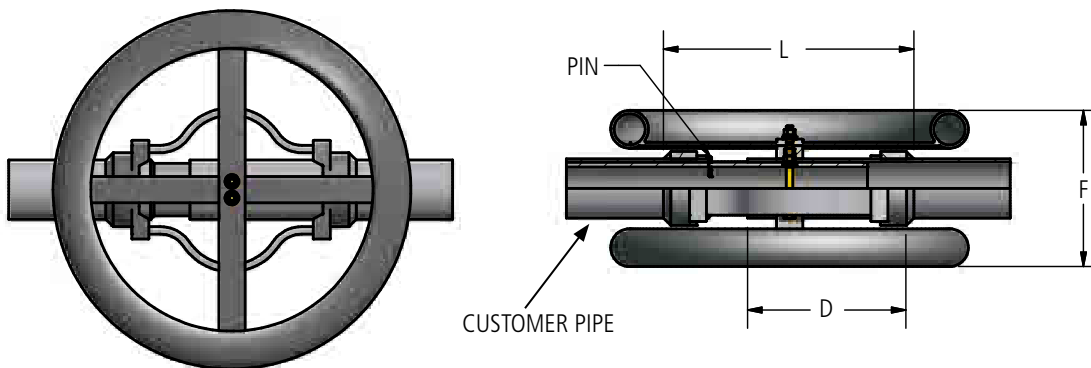
Expansion coupler for aluminum pipe connections. Part is designed to be corona free from 345 kV to 500 kV. Provided with alignment guide for field weld.

Material

Aluminum Alloy

Hardware

Aluminum bolts, nuts, and lockwashers.



Ordering Information

CATALOG NUMBER		SPS / EPHS	DIMENSIONS IN INCHES		
SCHEDULE 40	SCHEDULE 80		D	F	L
XWWCT200-HV-AA	XWWCT200E-HV-AA	2	10 1/4	6	17 3/8
XWWCT250-HV-AA	XWWCT250E-HV-AA	2 1/2	10 1/4	6	17 1/2
XWWCT300-HV-AA	XWWCT300E-HV-AA	3	11 1/4	6	17 1/2
XWWCT350-HV-AA	XWWCT350E-HV-AA	3 1/2	11 1/4	6	17 1/2
XWWCT400-HV-AA	XWWCT400E-HV-AA	4	12 1/8	7	18
XWWCT500-HV-AA	XWWCT500E-HV-AA	5	13 1/8	7	18
XWWCT600-HV-AA	XWWCT600E-HV-AA	6	14 1/4	7	18
XWWCT800-HV-AA	XWWCT800E-HV-AA	8	18	7	18

DOSSERT® TYPE WRP3C-8-V-AA

Welded Terminal to Three NEMA Pads

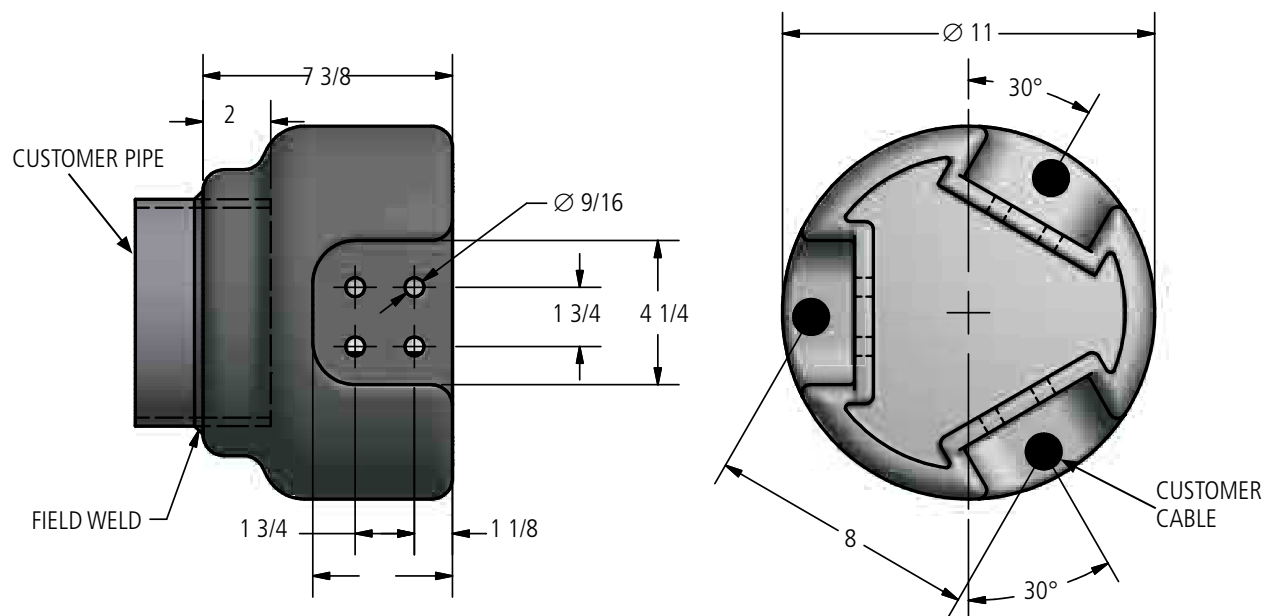
Pipe ending going to three NEMA pads. Part is designed to be corona free for 345 kV and 500 kV service.

Material

Aluminum Alloy



345/500 kV Couplers



Ordering Information

CATALOG NUMBER	SPS
WRP3C350-8-V-AA	3 1/2
WRP3C400-8-V-AA	4
WRP3C500-8-V-AA	5
WRP3C600-8-V-AA	6
WRP3C800R-8-V-AA	8 OD

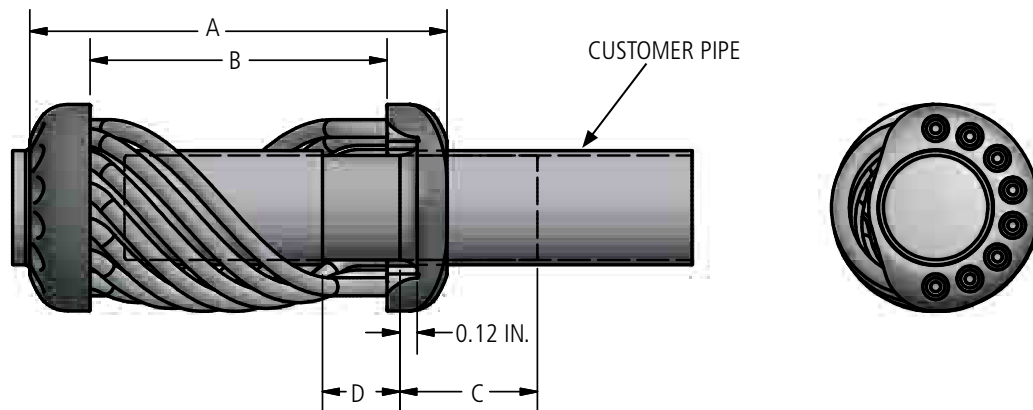
DOSSERT® TYPE 35300 EHV

Welded Expansion Coupler (Tube)

Expansion coupler is designed to be corona free for 500 kV service. Rope lay expansion provides for 2.6" of expansion or contraction.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS
	SPS & EPHS	A	B	C	D	
35308 EHV	3 SPS	21.38	15.38	6.56	3.25	30.3
35328 EHV	3 EHPS	21.38	15.38	6.56	3.25	31.1
35309 EHV	3 1/2 SPS	21.38	15.38	6.81	3.25	29.3
35329 EHV	3 1/2 EHPS	21.38	15.38	6.81	3.25	30.6
35310 EHV	4 SPS	21.38	15.38	7.25	3.25	30.0
35330 EHV	4 EHPS	21.38	15.38	7.25	3.25	32.0
35312 EHV	5 SPS	22.00	15.00	8.00	3.25	35.3
35332 EHV	5 EHPS	22.00	15.00	8.00	3.25	38.7
35313 EHV	6 SPS	24.25	17.25	8.88	3.25	45.0
35333 EHV	6 EHPS	24.25	17.25	8.88	3.25	49.4

DOSSERT® TYPE 1705-EHV, 1706-EHV

Internal and External Vibration Damper

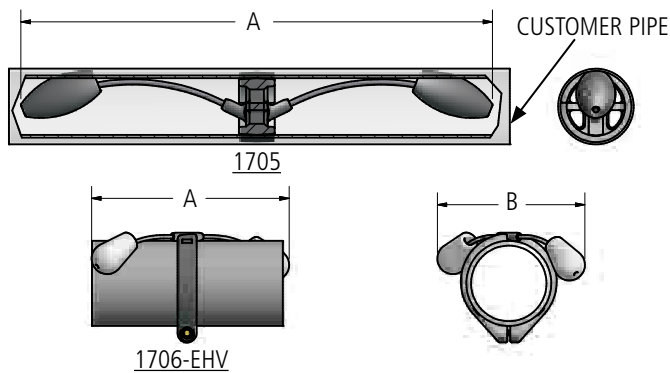
Internal and external damper is designed to be corona free for 345 kV or 500 kV service. Internal damper is designed to be welded inside bus, to be corona free, and to present a "clean" appearance to the substation. External damper is to be bolted to outside of tube. External damper can be installed during construction or at a later time to correct vibration problems not originally anticipated.

Material

Aluminum Alloy

Hardware

Aluminum nuts, bolts, and lockwashers.



1705-EHV



1706-EHV

345/500 kV
Vibration Dampers

Ordering Information

INTERNAL DAMPER				
CATALOG NUMBER	CONDUCTOR SIZE	DIMENSIONS IN INCHES	NOMINAL WEIGHT IN LBS	
		A	ALUMINUM	TOTAL
1705-504	5 SPS	36.88	2.7	13.3
1705-576	6 EHPS	35.25	3.3	14.0
1705-607	6 SPS	35.25	4.0	14.7
1705-762	8 EHPS	36.88	3.3	13.9
1705-798	8 SPS	36.88	3.4	14.0
1705-700	8" OD x 1/2 WALL	36.88	3.2	13.8
1705-725	8" OD x 3/8 WALL	36.88	3.2	13.8

EXTERNAL DAMPER					
CATALOG NUMBER	CONDUCTOR SIZE SPS & EHPS	DIMENSIONS IN INCHES		NOMINAL WEIGHT IN LBS	
		A	B	ALUMINUM	TOTAL
1706-008 EHV	3	28.0	12.6	1.9	15.6
1706-009 EHV	3 1/2	27.8	13.2	2.0	15.7
1706-010 EHV	4	27.6	13.6	2.1	15.8
1706-012 EHV	5	26.8	15.4	2.5	16.2
1706-013 EHV	6	26.2	17.8	2.7	16.4
1706-014 EHV	8" OD	24.8	18.6	3.9	17.6

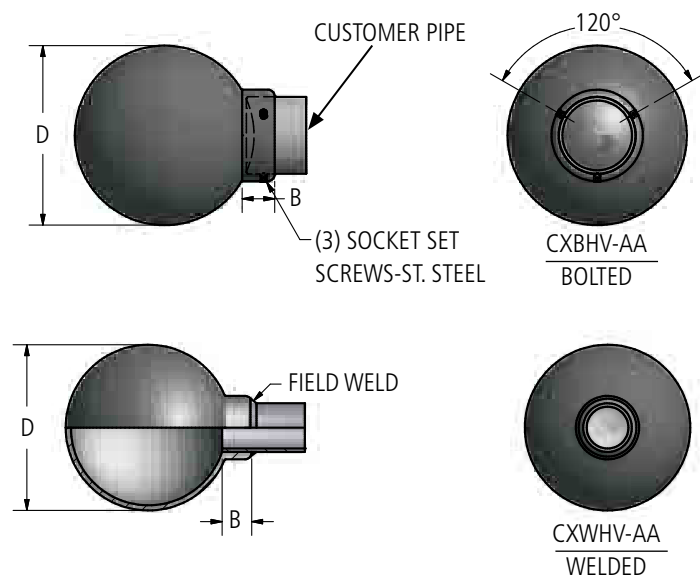
DOSSERT® TYPE CXBHV-AA, CXWHV-AA

Bolted Corona Ball

Bolted and welded corona bell is designed to be corona free for 345 kV and 500 kV service.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES	
BOLTED	WELDED		B	D
CXBHV250-AA	CXWHV250-AA	2 1/2	1 3/4	10
CXBHV300-AA	CXWHV300-AA	3	1 3/4	12
CXBHV350-AA	CXWHV350-AA	3 1/2	1 3/4	12
CXBHV400-AA	CXWHV400-AA	4	1 3/4	13
CXBHV500-AA	CXWHV500-AA	5	2	13
CXBHV600-AA	CXWHV600-AA	6	2 1/4	13
CXBHV800-AA	CXWHV800-AA	8	3 3/4	14
CXBHV800R-AA	CXWHV800R-AA	8 OD	3 3/8	13

DOSSERT® TYPE BAP-V-AA

Bolted Tee for Pipe

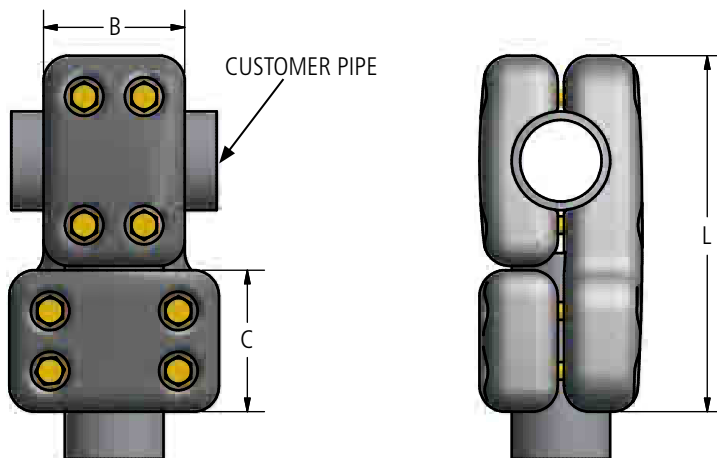
Bolted tee connector is designed to be corona free for 345 kV and 500 kV service.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	SPS		DIMENSIONS IN INCHES			BOLT SIZE
	RUN	TAP	B	C	L	
BAP250-250-V-AA	2 1/2	2 1/2	4 1/8	4 1/8	10	1/2
BAP300-300-V-AA	3	3	5 1/4	5 1/4	12 1/2	5/8
BAP400-200-V-AA	4	2	4 1/8	4 1/2	11 5/8	1/2
BAP400-300-V-AA	4	3	6	5 1/4	13 7/8	5/8
BAP400-400-V-AA	4	4	6	6	21 1/2	5/8
BAP500-300-V-AA	5	3	6	5 1/4	14 7/8	5/8
BAP500-400-V-AA	5	4	6	6	15 5/8	5/8
BAP500-500-V-AA	5	5	7	7	17	5/8
BAP600-300-V-AA	6	3	6	5 1/4	15 3/4	5/8
BAP800R-400-V-AA	8 OD	4	6	5 1/4	15 5/8	5/8
BAP800-600-V-AA	8	6	7 1/2	7	17 3/4	5/8

DOSSERT® TYPE PFTS-N-V-AA

Bolted Pipe Tee to Four-Hole Pad

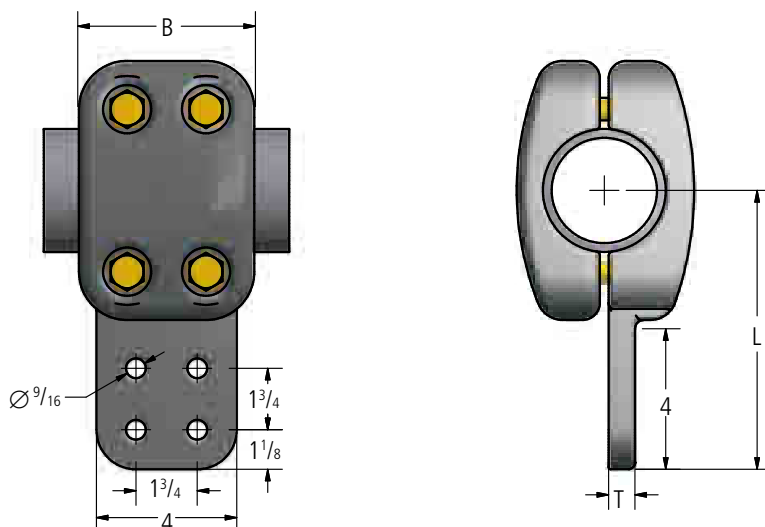
A clamp type tee connector for joining a bus to a tubular bus main. Special bearing surfaces insure maximum contact efficiency. Designed for 345 kV and 500 kV service.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	SPS	DIMENSIONS IN INCHES			BOLT SIZE
		B	L	T	
PFTS250-4N4-V-AA	2 1/2	4 1/8	7 5/16	3/4	1/2
PFTS300-4N4-V-AA	3	5	7 15/16	3/4	5/8
PFTS350-4N4-V-AA	3 1/2	5	8	7/8	5/8
PFTS400-4N4-V-AA	4	5	8 1/2	7/8	5/8
PFTS500-4N4-V-AA	5	5	9 5/16	1	5/8
PFTS600-4N4-V-AA	6	5	9 7/16	1	5/8

DOSSERT® TYPE BPA-75-V-AA

75 Bolted Tee

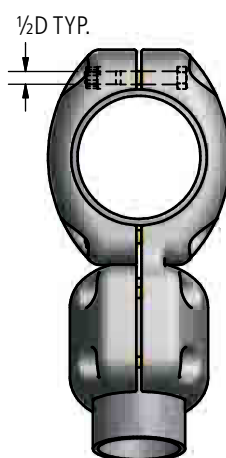
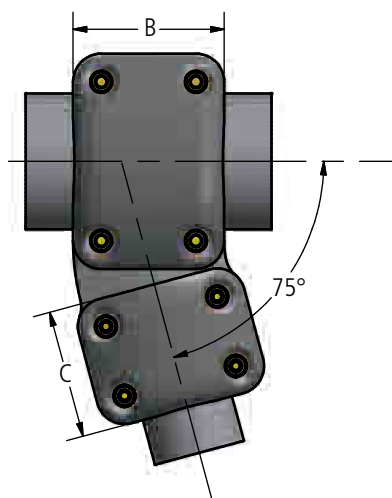
Bolted tee connector at 75° is designed to be corona free for 345 kV and 525 kV service.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	PIPE SIZE		DIMENSIONS IN INCHES	
	RUN	TAP	B	C
BPA200-200-75-V-AA	2	2	5	5
BPA250-125-75-V-AA	2 1/2	1 1/4	4 1/8	4 1/8
BPA250-250-75-V-AA	2 1/2	2 1/2	4 1/8	4 1/8
BPA400-200-75-V-AA	4	2	6	5
BPA400-400-75-V-AA	4	4	6	6
BPA500-300-75-V-AA	5	3	4 3/4	4 1/8
BPA500-400-75-V-AA	5	4	4 3/4	6
BPA600-300-75-V-AA	6	3	4 3/4	4 1/8
BPA800R-500-75-V-AA	8 OD	5	6	6
BPA800-300-75-V-AA	8	3	4 3/4	4 1/8

DOSSERT® TYPE WT-AA, WTA-75-AA, WTA-80-AA

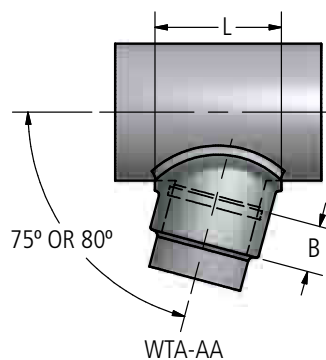
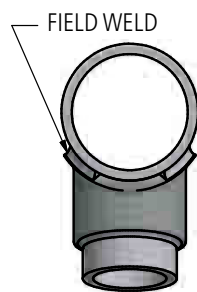
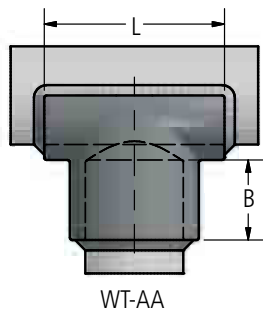
Welded Tee Rated for 500 kV

Material

Aluminum Alloy

Notes

- For a welded tee at 75° for 1" to 1" pipe order: WTA100-100-75-AA
- For a welded tee at 80° for 1" to 1" pipe order: WTA100-100-80-AA



Ordering Information

SPS		CATALOG NUMBER			DIMENSIONS IN INCHES	
RUN	TAP OR BRANCH	90 DEGREE	75 DEGREE	80 DEGREE	B	L
3/4	3/4	WT75-75-AA	WTA75-75-75-AA	WTA75-75-75-80-AA	3/4	2 1/8
1	3/4	WT100-75-AA	WTA100-75-75-AA	WTA100-75-80-AA	3/4	2 1/8
1	1	WT100-100-AA	WTA100-100-75-AA	WTA100-100-80-AA	3/4	2 1/4
1 1/4	3/4	WT125-75-AA	WTA125-75-75-AA	WTA125-75-80-AA	3/4	2 1/8
1 1/4	1	WT125-100-AA	WTA125-100-75-AA	WTA125-100-80-AA	3/4	2 1/4
1 1/4	1 1/4	WT125-125-AA	WTA125-125-75-AA	WTA125-125-80-AA	1	2 1/2
1 1/4	2 1/2	WT125-250-AA	WTA125-250-75-AA	WTA125-250-80-AA	1 1/2	3 1/2
1 1/2	3/4	WT150-75-AA	WTA150-75-75-AA	WTA150-75-80-AA	3/4	2 1/8
1 1/2	1	WT150-100-AA	WTA150-100-75-AA	WTA150-100-80-AA	3/4	2 1/4
1 1/2	1 1/4	WT150-125-AA	WTA150-125-75-AA	WTA150-125-80-AA	1	2 1/2
1 1/2	1 1/2	WT150-150-AA	WTA150-150-75-AA	WTA150-150-80-AA	1	2 3/4
1 1/2	1 1/2	WT150-200-AA	WTA150-200-75-AA	WTA150-200-80-AA	1 1/4	3 11/16
2	3/4	WT200-75-AA	WTA200-75-75AA	WTA200-75-80-AA	3/4	2 1/8
2	1	WT200-100-AA	WTA200-100-75-AA	WTA200-100-80-AA	3/4	2 1/4
2	1 1/4	WT200-125-AA	WTA200-125-75-AA	WTA200-125-80-AA	1	2 1/2
2	1 1/2	WT200-150-AA	WTA200-150-75-AA	WTA200-150-80-AA	1	2 3/4
2	2	WT200-200-AA	WTA200-200-75-AA	WTA200-200-80-AA	1 1/4	3 1/4
2	3	WT200-300-AA	WTA200-300-75-AA	WTA200-300-80-AA	1 3/4	4 3/8

DOSSERT®

TYPE WT-AA, WTA-75-AA, WTA-80-AA

Welded Tee Rated for 500 kV

Ordering Information cont.

SPS		CATALOG NUMBER			DIMENSIONS IN INCHES	
RUN	TAP OR BRANCH	90 DEGREE	75 DEGREE	80 DEGREE	B	L
2	4	WT200-400-AA	WTA200-400-75-AA	WTA200-400-80-AA	2 1/4	4 7/8
2 1/2	3/4	WT250-75-AA	WTA250-75-75-AA	WTA250-75-80-AA	3/4	2 1/8
2 1/2	1	WT250-100-AA	WTA250-100-75-AA	WTA250-100-80-AA	3/4	2 1/4
2 1/2	1 1/4	WT250-125-AA	WTA250-125-75-AA	WTA250-125-80-AA	1	2 1/2
2 1/2	1 1/2	WT250-150-AA	WTA250-150-75-AA	WTA250-150-80-AA	1	2 3/4
2 1/2	2	WT250-200-AA	WTA250-200-75-AA	WTA250-200-80-AA	1 1/4	3 1/4
2 1/2	2 1/2	WT250-250-AA	WTA250-250-75-AA	WTA250-250-80-AA	1 1/2	3 3/4
3	3/4	WT300-75-AA	WTA300-75-75-AA	WTA300-75-80-AA	3/4	2 1/8
3	1	WT300-100-AA	WTA300-100-75-AA	WTA300-100-80-AA	3/4	2 1/4
3	1 1/4	WT300-125-AA	WTA300-125-75-AA	WTA300-125-80-AA	1	2 1/2
3	1 1/2	WT300-150-AA	WTA300-150-75-AA	WTA300-150-80-AA	1	2 3/4
3	2	WT300-200-AA	WTA300-200-75-AA	WTA300-200-80-AA	1 1/4	3 1/4
3	2 1/2	WT300-250-AA	WTA300-250-75-AA	WTA300-250-80-AA	1 1/2	3 3/4
3	3	WT300-300-AA	WTA300-300-75-AA	WTA300-300-80-AA	1 3/4	4 3/8
3	3 1/2	WT300-350-AA	WTA300-350-75-AA	WTA300-350-80-AA	2	4 7/8
3	4	WT300-400-AA	WTA300-400-75-AA	WTA300-400-80-AA	2 1/4	5 3/8
3	5	WT300-500-AA	WTA300-500-75-AA	WTA300-500-80-AA	2 3/4	6 7/16
3 1/2	3/4	WT350-75-AA	WTA350-75-75-AA	WTA350-75-80-AA	3/4	2 1/8
3 1/2	1	WT350-100-AA	WTA350-100-75-AA	WTA350-100-80-AA	3/4	2 1/4
3 1/2	1 1/4	WT350-125-AA	WTA350-125-75-AA	WTA350-125-80-AA	1	2 1/2
3 1/2	1 1/2	WT350-150-AA	WTA350-150-75-AA	WTA350-150-80-AA	1	2 3/4
3 1/2	2	WT350-200-AA	WTA350-200-75-AA	WTA350-200-80-AA	1 1/4	3 1/4
3 1/2	2 1/2	WT350-250-AA	WTA350-250-75-AA	WTA350-250-80-AA	1 1/2	3 3/4
3 1/2	3	WT350-300-AA	WTA350-300-75-AA	WTA350-300-80-AA	1 3/4	4 3/8
3 1/2	3 1/2	WT350-350-AA	WTA350-350-75-AA	WTA350-350-80-AA	2	4 7/8
4	3/4	WT400-75-AA	WTA400-75-75-AA	WTA400-75-80-AA	3/4	2 1/8
4	1	WT400-100-AA	WTA400-100-75-AA	WTA400-100-80-AA	3/4	2 1/4
4	1 1/4	WT400-125-AA	WTA400-125-75-AA	WTA400-125-80-AA	1	2 1/2
4	1 1/2	WT400-150-AA	WTA400-150-75-AA	WTA400-150-80-AA	1	2 3/4
4	2	WT400-200-AA	WTA400-200-75-AA	WTA400-200-80-AA	1 1/4	3 1/4
4	2 1/2	WT400-250-AA	WTA400-250-75-AA	WTA400-250-80-AA	1 1/2	3 3/4
4	3	WT400-300-AA	WTA400-300-75-AA	WTA400-300-80-AA	1 3/4	4 3/8
4	3 1/2	WT400-350-AA	WTA400-350-75-AA	WTA400-350-80-AA	2	4 7/8
4	4	WT400-400-AA	WTA400-400-75-AA	WTA400-400-80-AA	2 1/4	5 3/8
5	1	WT500-100-AA	WTA500-100-75-AA	WTA500-100-80-AA	3/4	2 1/4
5	1 1/4	WT500-125-AA	WTA500-125-75-AA	WTA500-125-80-AA	1	2 1/2

DOSSERT®

TYPE WT-AA, WTA-75-AA, WTA-80-AA

Welded Tee Rated for 500 kV

Ordering Information cont.

SPS		CATALOG NUMBER			DIMENSIONS IN INCHES	
RUN	TAP OR BRANCH	90 DEGREE	75 DEGREE	80 DEGREE	B	L
5	1 1/2	WT500-150-AA	WTA500-150-75-AA	WTA500-150-80-AA	1	2 3/4
5	2	WT500-200-AA	WTA500-200-75-AA	WTA500-200-80-AA	1 1/4	3 1/4
5	2 1/2	WT500-250-AA	WTA500-250-75-AA	WTA500-250-80-AA	1 1/2	3 3/4
5	3	WT500-300-AA	WTA500-300-75-AA	WTA500-300-80-AA	1 3/4	4 3/8
5	3 1/2	WT500-350-AA	WTA500-350-75-AA	WTA500-350-80-AA	2	4 7/8
5	4	WT500-400-AA	WTA500-400-75-AA	WTA500-400-80-AA	2 1/4	5 3/8
5	5	WT500-500-AA	WTA500-500-75-AA	WTA500-500-80-AA	2 3/4	6 7/16
6	1	WT600-100-AA	WTA600-100-75-AA	WTA600-100-80-AA	3/4	2 1/4
6	1 1/4	WT600-125-AA	WTA600-125-75-AA	WTA600-125-80-AA	1	2 1/2
6	1 1/2	WT600-150-AA	WTA600-150-75-AA	WTA600-150-80-AA	1	2 3/4
6	2	WT600-200-AA	WTA600-200-75-AA	WTA600-200-80-AA	1 1/4	3 1/4
6	2 1/2	WT600-250-AA	WTA600-250-75-AA	WTA600-250-80-AA	1 1/2	3 3/4
6	3	WT600-300-AA	WTA600-300-75-AA	WTA600-300-80-AA	1 3/4	4 3/8
6	3 1/2	WT600-350-AA	WTA600-350-75-AA	WTA600-350-80-AA	2	4 7/8
6	4	WT600-400-AA	WTA600-400-75-AA	WTA600-400-80-AA	2 1/4	5 3/8
6	5	WT600-500-AA	WTA600-500-75-AA	WTA600-500-80-AA	2 3/4	6 7/16
6	6	WT600-500-AA	WTA600-500-75-AA	WTA600-500-80-AA	3 1/4	8 1/4
8	4	WT800R-400-AA	WTA800R-400-75-AA	WTA800R-400-80-AA	2 3/4	5 3/8
8	5	WT800R-500-AA	WTA800R-500-75-AA	WTA800R-500-80-AA	2 3/4	6 7/16
8	8" O.D.	WT800R-800R-AA	WTA800R-800R-75-AA	WTA800R-800R-80-AA	2 3/4	10

DOSSERT® TYPE WTC-N-V-AA, WTF-N-V-AA

Pipe Tap

Tee taps are designed to be corona free for 345 kV and 500 kV operation when pad covers are used to shield terminal hardware.

Material

Aluminum Alloy

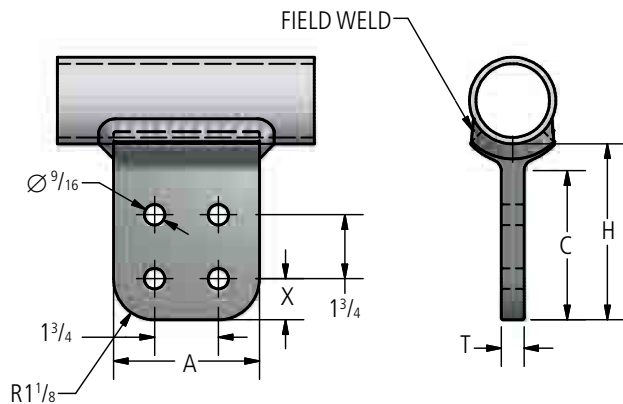


FIG. 1

WTC-N-V-AA

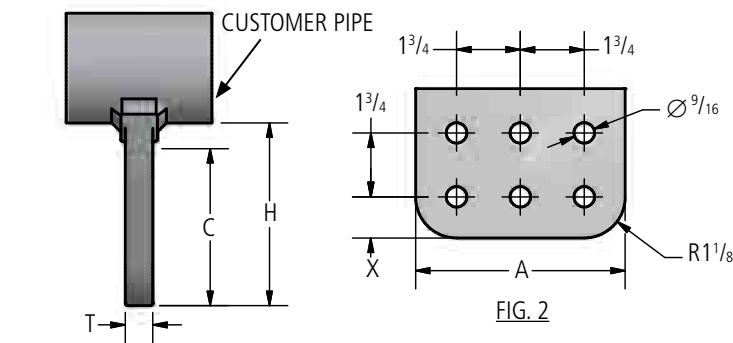


FIG. 2

WTF-N-V-AA



WTC-N-V-AA



WTF-N-V-AA

Ordering Information

CATALOG NUMBER		SPS RANGE	FIG. NUM.	DIMENSIONS IN INCHES				
IN-LINE	90 DEGREES			A	C	H	T	X
WTC250-4N-V-AA	WTF250-4N-V-AA	1 THRU 2 1/2	1	3	3 1/4	3 7/8	1/2	5/8
WTC250-4N4-V-AA	WTF250-4N4-V-AA	1 THRU 2 1/2	1	4	4 1/4	4 7/8	5/8	1 1/8
WTC600-4N-V-AA	WTF600-4N-V-AA	3 THRU 6	1	3	3 1/4	4	3/4	5/8
WTC600-4N4-V-AA	WTF600-4N4-V-AA	3 THRU 6	1	4	4 1/4	5	3/4	1 1/8
WTC600-6N4-V-AA	WTF600-6N4-V-AA	3 THRU 6	2	6	4 1/4	5	3/4	1 1/8
WTC800R-4N4-V-AA	WTF800R-4N4-V-AA	8" O.D.	1	4	4 1/4	5	3/4	1 1/8
WTC800-4N4-V-AA	WTF800-4N4-V-AA	8	1	4	4 1/4	5	3/4	1 1/8

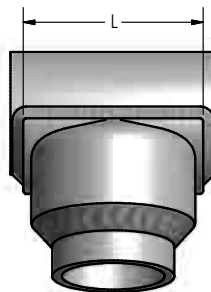
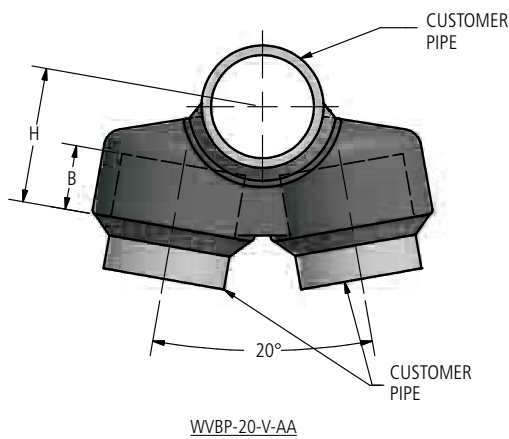
DOSSERT® TYPE WVBP-20-V-AA, WVBP-30-V-AA

Angle Welded Vee and Welded Tee Connector

Welded A-frame connectors are designed to be corona free for 345 kV and 500 kV service. Connectors are designed to be welded on outside of pipe allowing use on both schedule 40 and schedule 80 pipe. Socket design allows for slight inaccuracies in field cut length of pipe.

Material

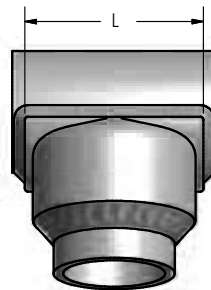
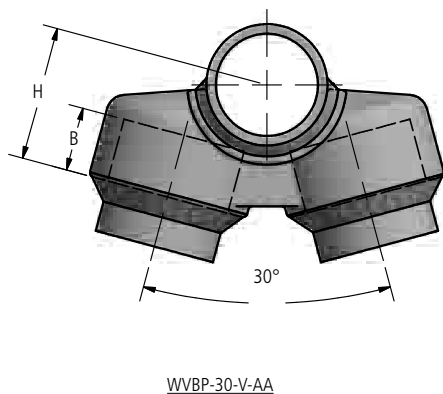
Aluminum Alloy



WVBP-20-V-AA



WTA-80-V-AA



WVBP-20-V-AA



WTA-80-V-AA

DOSSERT®

TYPE WVBP-20-V-AA, WVBP-30-V-AA

Angle Welded Vee and Welded Tee Connector

Ordering Information

CATALOG NUMBER		SPS		DIMENSIONS IN INCHES		
20 DEGREE	30 DEGREE	RUN	TAP	B	H	L
WVBP300-125-20-V-AA	WVBP300-125-30-V-AA	3	1-1/4	1	2-15/16	2-5/8
WVBP300-150-20-V-AA	WVBP300-150-30-V-AA	3	1-1/2	1	2-15/16	2-7/8
WVBP300-200-20-V-AA	WVBP300-200-30-V-AA	3	2	1-1/4	3-3/16	3-1/2
WVBP300-250-20-V-AA	WVBP300-250-30-V-AA	3	2-1/2	1-1/2	3-7/16	4
WVBP300-300-20-V-AA	WVBP300-300-30-V-AA	3	3	1-3/4	3-11/16	4-5/8
WVBP350-100-20-V-AA	WVBP350-100-30-V-AA	3-1/2	1	3/4	2-5/8	2-1/4
WVBP350-150-20-V-AA	WVBP350-150-30-V-AA	3-1/2	1-1/2	1	3-1/4	2-7/8
WVBP350-200-20-V-AA	WVBP350-200-30-V-AA	3-1/2	2	1-1/4	3-1/2	3-1/2
WVBP350-250-20-V-AA	WVBP350-250-30-V-AA	3-1/2	2-1/2	1-1/2	3-3/4	4
WVBP350-300-20-V-AA	WVBP350-300-30-V-AA	3-1/2	3	1-3/4	4	4-5/8
WVBP350-350-20-V-AA	WVBP350-350-30-V-AA	3-1/2	3-1/2	2	4-1/4	5-1/8
WVBP400-150-20-V-AA	WVBP400-150-30-V-AA	4	1-1/2	1	3-1/2	2-7/8
WVBP400-200-20-V-AA	WVBP400-200-30-V-AA	4	2	1-1/4	3-3/4	3-1/2
WVBP400-250-20-V-AA	WVBP400-250-30-V-AA	4	2-1/2	1-1/2	4	4
WVBP400-300-20-V-AA	WVBP400-300-30-V-AA	4	3	1-3/4	4-1/4	4-5/8
WVBP400-350-20-V-AA	WVBP400-350-30-V-AA	4	3-1/2	2	4-1/2	5-1/8
WVBP400-400-20-V-AA	WVBP400-400-30-V-AA	4	4	2-1/4	4-3/4	5-7/8
WVBP500-150-20-V-AA	WVBP500-150-30-V-AA	5	1-1/2	1	4	2-7/8
WVBP500-200-20-V-AA	WVBP500-200-30-V-AA	5	2	1-1/4	4-1/4	3-1/2
WVBP500-250-20-V-AA	WVBP500-250-30-V-AA	5	2-1/2	1-1/2	4-1/2	4
WVBP500-300-20-V-AA	WVBP500-300-30-V-AA	5	3	1-3/4	4-3/4	4-5/8
WVBP500-350-20-V-AA	WVBP500-350-30-V-AA	5	3-1/2	2	5	5-1/8
WVBP500-400-20-V-AA	WVBP500-400-30-V-AA	5	4	2-1/4	5-1/4	5-7/8
WVBP500-500-20-V-AA	WVBP500-500-30-V-AA	5	5	2-3/4	5-3/4	6-15/16
WVBP600-200-20-V-AA	WVBP600-200-30-V-AA	6	2	1-1/4	4-13/16	3-1/2
WVBP600-250-20-V-AA	WVBP600-250-30-V-AA	6	2-1/2	1-1/2	5-1/16	4
WVBP600-300-20-V-AA	WVBP600-300-30-V-AA	6	3	1-3/4	5-5/16	4-5/8
WVBP600-350-20-V-AA	WVBP600-350-30-V-AA	6	3-1/2	2	5-9/16	5-1/8
WVBP600-400-20-V-AA	WVBP600-400-30-V-AA	6	4	2-1/4	5-13/16	5-7/8
WVBP600-500-20-V-AA	WVBP600-500-30-V-AA	6	5	2-3/4	6-5/16	6-15/16
WVBP600-600-20-V-AA	WVBP600-600-30-V-AA	6	6	3-1/4	6-13/16	8

DOSSERT® TYPE BPC-V-AA

Bolted Tee, Pipe to Cable

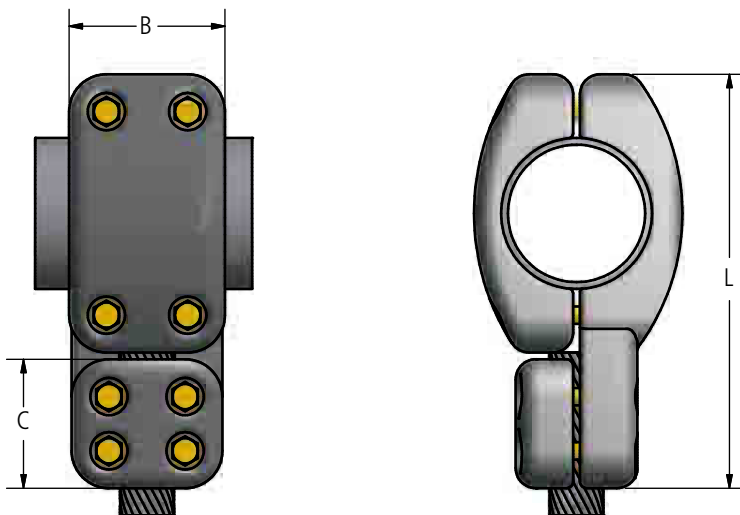
A clamp type tee connector for joining a cable to a tubular bus main. Designed to be corona free for 345 kV and 500 kV service. Special bearing surfaces insure maximum contact efficiency.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	SPS	CABLE RANGE			DIMENSIONS IN INCHES			BOLT SIZE
		ALUMINUM		ACSR	B	C	L	
		MIN	MAX					
BPC250-79-V-AA	2 1/2	750 MCM	795 MCM	636 (18/1:24/7:26/7)	4 1/2	4 1/2	10 3/8	1/2
BPC250-95-V-AA	2 1/2	800 MCM	954 MCM	495 (47/7:24/7:26/7)	4 1/2	4 1/2	10 3/8	1/2
BPC250-127-V-AA	2 1/2	1113 MCM	1272 MCM	1113 (45/7)(54/19)	4 1/2	4 1/2	10 3/8	1/2
BPC350-127-V-AA	3 1/2	1113 MCM	1272 MCM	1113 (45/7)(54/19)	4 3/4	4 1/2	13	1/2
BPC300-160-V-AA	3	1500 MCM	1600 MCM	1431 (45/7;54/19) 1351.5 (54/19)	4 3/4	4 3/4	12	5/8
BPC500-180-V-AA	5	1700 MCM	1800 MCM	1590 (45/7)(54/9)	5 3/4	4 3/4	14 7/16	5/8
BPC500-250-V-AA	5	2400 MCM	2500 MCM	2156 (84/19)	5 3/4	4 3/4	14 7/16	5/8
BPC500-300-V-AA	5	2750 MCM	3000 MCM	2515 (76/19)	5 3/4	4 3/4	14 7/16	5/8
BPC500-350-V-AA	5	3250 MCM	3500 MCM	3015 (54/19)	5 3/4	4 3/4	14 7/16	5/8
BPC600-160-V-AA	6	1500 MCM	1600 MCM	1431 (45/7;54/19) 1351.5 (54/19)	5 3/4	4 3/4	15 1/8	5/8

DOSSERT® TYPE CFT-N-V-AA

Cable to Flat Tee Connector

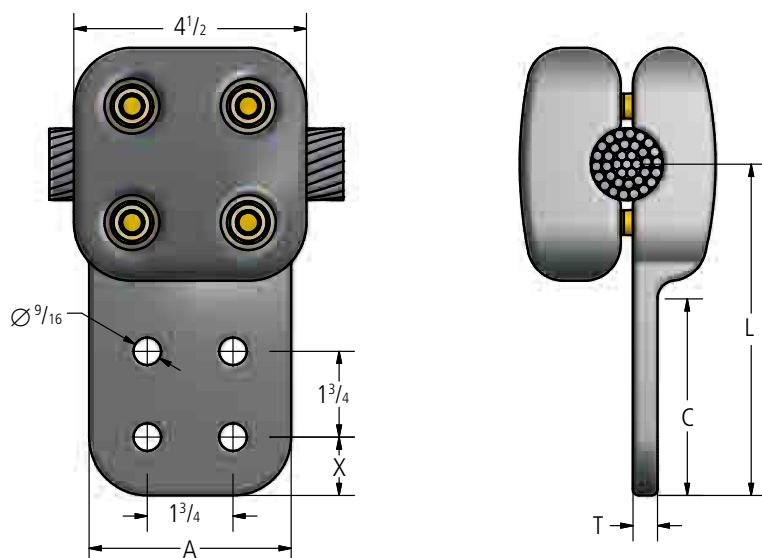
Bolted tap is designed to be corona free for 345 kV and 500 kV operation when pad covers are used to shield terminal hardware.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	CABLE RANGE			DIMENSIONS IN INCHES				
	MIN	MAX	ACSR	A	C	L	T	X
CFT79-4N4-V-AA	750 MCM	795 MCM	636 (18/1;24/7;26/7)	4	4	6 3/8	1/2	1 1/8
CFT95-4N4-V-AA	800 MCM	954 MCM	795 (47/7;24/7;26/7)	4	4	6 1/2	1/2	1 1/8
CFT103-4N-V-AA	1000 MCM	1033.5 MCM	954 (45/7) (54/7)	3	3	5 5/8	1/2	5/8
CFT103-4N4-V-AA	1000 MCM	1033.5 MCM	954 (45/7) (54/7)	4	4	6 5/8	1/2	1 1/8
CFT127-4N4-V-AA	1113 MCM	1272 MCM	1113 (45/7) (54/19)	4	4	6 3/4	1/2	1 1/8
CFT140-4N4-V-AA	1300 MCM	1400 MCM	1272 (45/7) (54/19)	4	4	6 3/4	1/2	1 1/8
CFT160-4N4-V-AA	1500 MCM	1600 MCM	1431 (45/7) (54/19)	4	4	6 3/4	1/2	1 1/8
CFT180-4N4-V-AA	1700 MCM	1800 MCM	1590 (45/7) (54/19)	4	4	6 3/4	11/16	1 1/8
CFT200-4N4-V-AA	1900 MCM	2000 MCM	1780 (84/19)	4	4	6 7/8	3/4	1 1/8
CFT250-4N4-V-AA	2400 MCM	2500 MCM	2156 (84/19)	4	4	7	3/4	1 1/8

DOSSERT® TYPE VBP-30-V-AA

30 Degree Bolted Tee Rated for 500 kV

Material

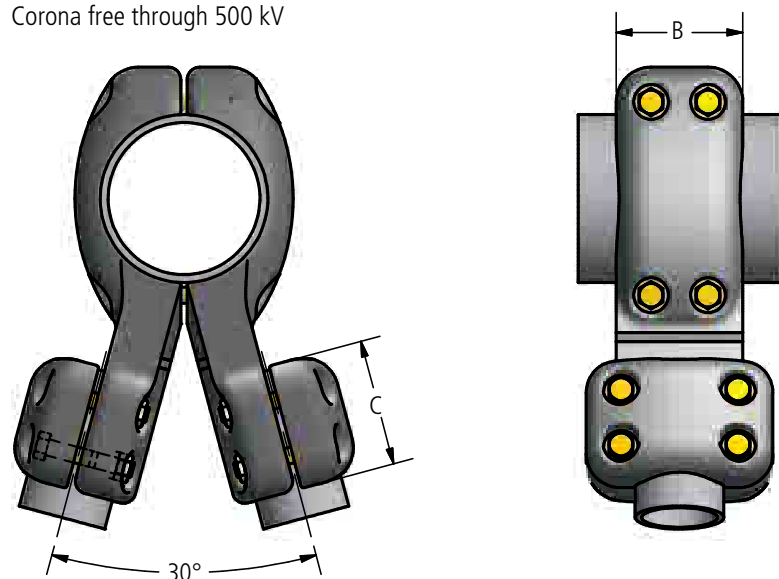
Aluminum

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.

Notes

Corona free through 500 kV



Ordering Information

CATALOG NUMBER	SPS		DIMENSIONS IN INCHES		BOLT SIZE
	RUN	TAP	B	C	
VBP250-125-30-V-AA	2 1/2	1 1/4	4 1/8	4 1/8	1/2
VBP250-250-30-V-AA	2 1/2	2 1/2	4 1/8	4 1/8	1/2
VBP400-200-30-V-AA	4	2	6	5	5/8
VBP400-300-30-V-AA	4	3	6	6	5/8
VBP400-400-30-V-AA	4	4	6	6	5/8
VBP500-300-30-V-AA	5	3	4 3/4	4 1/8	5/8
VBP500-400-30-V-AA	5	4	4	6	5/8
VBP600-300-30-V-AA	6	3	5	6	5/8

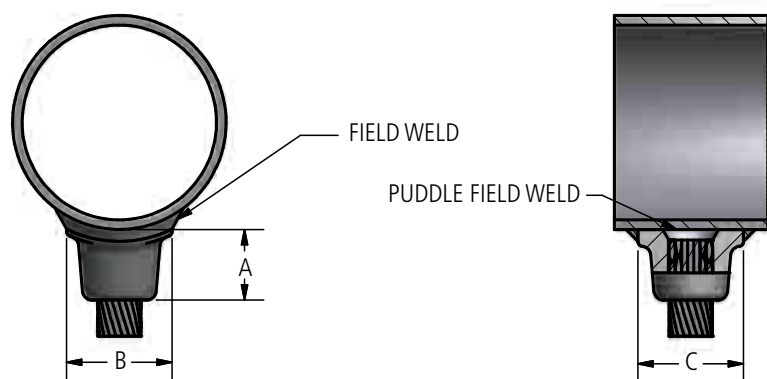
DOSSERT® TYPE 1000-EHV

Welded Tee Pipe to Cable

Tee adapter is designed to be corona free for 345 kV and 500 kV service. Connector is saddle type which allows clamping to bus run during welding. Cable is "puddle" welded to connector; connector is then welded to bus tube. Not recommended for use on ACSR.

Material

Aluminum Alloy



Ordering Information

TABLE 1				
CATALOG SERIES	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	A	B	L	
1006	1.50	1.62	2.81	0.28
1008	1.75	1.88	3.12	0.38
1009	2.00	2.25	3.50	0.62
1010	2.00	2.25	3.50	0.62
1012	2.75	2.50	3.88	0.75
1013	2.75	2.88	4.25	1.1
1014	2.75	2.88	4.25	1.1

DOSSERT® TYPE 1000-EHV

Welded Tee Pipe to Cable

Ordering Information (cont.)

TABLE 2						
STANDARD CONDUCTOR DIAMETER RANGE	AAC CONDUCTOR RANGE	CATALOG NUMBER				
		RUN CONDUCTOR (SPS & EHPS)				
IN.	MIN	3	3 1/2	4	5	6
1.048 - 1.110	900 KCMIL	1006.112 EHV	1006.112 EHV	1006.112 EHV	1006.112 EHV	1006.112 EHV
1.111 - 1.173	954 KCMIL	1008.119 EHV	1008.119 EHV	1008.119 EHV	1008.119 EHV	1008.119 EHV
1.174 - 1.235	1113 KCMIL - 1192.5 KCMIL	1008.125 EHV	1008.125 EHV	1008.125 EHV	1008.125 EHV	1008.125 EHV
1.236 - 1.297	1192.5 KCMIL	1008.131 EHV	1008.131 EHV	1008.131 EHV	1008.131 EHV	1008.131 EHV
1.298 - 1.360	1272 KCMIL - 1351.5 KCMIL	1009.138 EHV	1010.138 EHV	1010.138 EHV	1010.138 EHV	1010.138 EHV
1.361 - 1.423	1431 KCMIL - 1510.5 KCMIL	1009.144 EHV	1010.144 EHV	1010.144 EHV	1010.144 EHV	1010.144 EHV
1.424 - 1.485	1590 KCMIL	1009.150 EHV	1010.150 EHV	1010.150 EHV	1010.150 EHV	1010.150 EHV
1.486 - 1.542	1750 KCMIL	1009.156 EHV	1010.156 EHV	1010.156 EHV	1010.156 EHV	1010.156 EHV
1.543 - 1.605	-	1012.162 EHV	1012.162 EHV	1012.162 EHV	1012.162 EHV	1012.162 EHV
1.606 - 1.668	2000 KCMIL	1012.169 EHV	1012.169 EHV	1012.169 EHV	1012.169 EHV	1012.169 EHV
1.669 - 1.730	2250 KCMIL	1012.175 EHV	1012.175 EHV	1012.175 EHV	1012.175 EHV	1012.175 EHV
1.731 - 1.792	-	1012.181 EHV	1012.181 EHV	1012.181 EHV	1012.181 EHV	1012.181 EHV
1.793 - 1.855	2500 KCMIL	1012.188 EHV	1012.188 EHV	1012.188 EHV	1012.188 EHV	1012.188 EHV
1.856 - 1.918	2750 KCMIL	1013.194 EHV	1014.194 EHV	1014.194 EHV	1014.194 EHV	1014.194 EHV
1.919 - 1.980	-	1013.200 EHV	1014.200 EHV	1014.200 EHV	1014.200 EHV	1014.200 EHV
1.981 - 2.042	3000 KCMIL	1013.206 EHV	1014.206 EHV	1014.206 EHV	1014.206 EHV	1014.206 EHV
2.043 - 2.105	-	1013.212 EHV	1014.212 EHV	1014.212 EHV	1014.212 EHV	1014.212 EHV

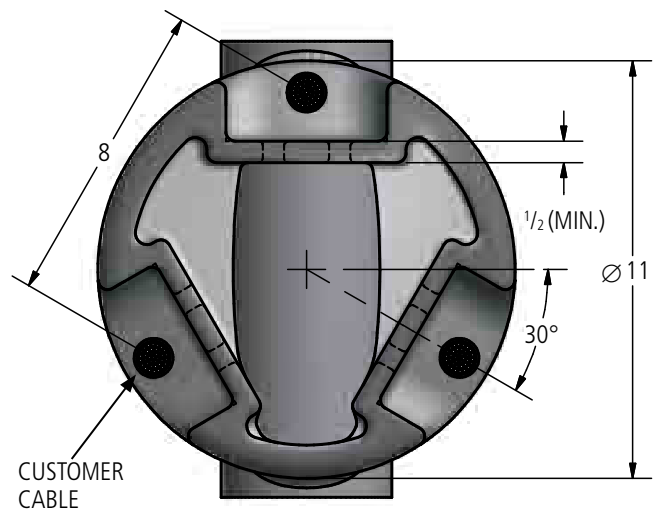
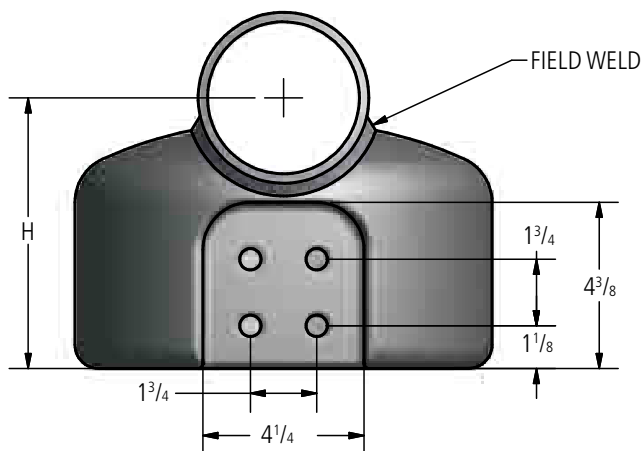
DOSSERT® TYPE WT3C-8-V-AA

Welded Tee Pipe to Three NEMA Pad

Welded tee pipe with three NEMA pads is designed to be corona free for 345 kV and 500 kV service.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS	H IN INCHES
WT3C400-8-V-AA	3	7 1/8
WT3C500-8-V-AA	4	7 21/32
WT3C600-8-V-AA	6	8 11/16
WT3C800-8-V-AA	8	9 15/16
WT3C800R-8-V-AA	8 O.D.	9 5/8

DOSSERT® TYPE 3500-EHV

Tee Adapter

Bolted-compression tee adapters are designed to have better corona characteristics than the conductors on which it is installed. Designed to be corona free for 345 kV and 500 kV service. Contact surfaces are protected with oxide inhibitor.

Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

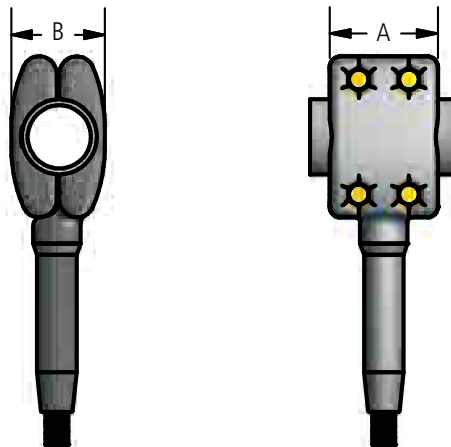
Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

Connector is ordered by combining partial catalog number for pipe run (Table 1) with partial catalog number for stranded branch (Table 2).

Example: 6" SPS run to 1590 KCM (1.454") tap. Order by Cat. No. "3513.3-38.156EHV"



Ordering Information

TABLE 1						
PARTIAL CATALOG NUMBER	RUN CONDUCTOR SIZE SPS & EHPS	BRANCH CONDUCTOR DIAMETER RANGE ACSR OR STR. ALUM.	DIMENSIONS IN INCHES		NO. OF BOLTS	PARTIAL WEIGHT RUN
			A	B		
3508.1	3	1.026 - 1.196	5.12	4.56	4	7.2
3508.2	3	1.212 - 1.417	5.12	4.56	4	7.4
3508.3	3	1.424 - 1.545	5.12	4.56	4	7.5
3509.1	3 1/2	1.026 - 1.196	5.12	5.12	4	11.1
3509.2	3 1/2	1.212 - 1.417	5.12	5.12	4	11.3
3509.3	3 1/2	1.424 - 1.545	5.12	5.12	4	11.4
3510.1	4	1.026 - 1.196	5.12	5.62	4	15.0
3510.2	4	1.212 - 1.417	5.12	5.62	4	15.2
3510.3	4	1.424 - 1.545	5.12	5.62	4	15.3
3512.2	5	1.212 - 1.417	11.80	6.62	6	18.8
3512.3	5	1.424 - 1.545	11.80	6.62	6	19.0
3512.4	5	1.602 - 1.823	11.80	6.62	6	19.1
3513.2	6	1.212 - 1.417	11.80	7.69	6	20.0
3513.3	6	1.424 - 1.545	11.80	7.69	6	20.2
3513.4	6	1.602 - 1.823	11.80	7.69	6	20.3

DOSSERT® TYPE 3500-EHV

Tee Adapter

Ordering Information (cont.)

TABLE 2						
PARTIAL CATALOG NUMBER	CONDUCTOR				DIE SIZE	PARTIAL WEIGHT RUN
	KCMIL	STRAND		DIAMETER		
		AL	ST			LBS
-30.109 EHV	795.0	37 & 61	-	1.026	30 AH	1.7
-30.116 EHV	795.0	26	7	1.108	30 AH	1.6
-30.122 EHV	954.0	37 & 61	-	1.124	30 AH	1.6
-30.122 EHV	954.0	45	7	1.165	30 AH	1.5
-30.125 EHV	954.0	54	7	1.196	30 AH	1.5
-34.128 EHV	1033.5	45	7	1.212	34 AH	2.3
-34.128 EHV	1113.0	61	-	1.216	34 AH	2.3
-34.128 EHV	1195.5	45	7	1.302	34 AH	2.1
-36.144 EHV	1272.0	45	7	1.345	36 AH	2.6
-36.147 EHV	1351.5	45	7	1.385	36 AH	2.4
-38.156 EHV	1590.0	61 & 91	-	1.454	38 AH	2.9
-40.162 EHV	1590.0	45	7	1.504	40 AH	3.4
-42.178 EHV	1780.0	84	19	1.602	42 AH	3.9
-44.184 EHV	2156.0	84	19	1.7625	44 AH	3.6
-44.188 EHV	2500.0	91	-	1.823	44 AH	3.4

DOSSERT[®] TYPE BC-V-AA

Tee Connector

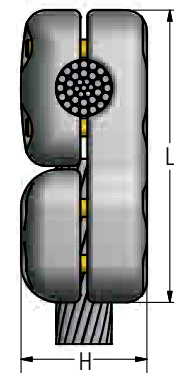
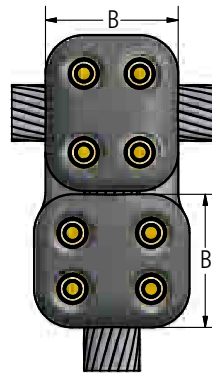
Tee connector is designed to be corona free for 500 kV service.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	CABLE RANGE						DIMENSIONS IN INCHES		
	RUN			TAP					
	ALUMINUM		ACSR	ALUMINUM		ACSR	B	H	L
	MIN	MAX		MIN	MAX				
BC79-79-V-AA	750 MCM	795 MCM	636 (18/1;24/7;26/7)	750 MCM	795 MCM	636 (18/1;24/7;26/7)	4 1/2	3 3/8	8 3/4
BC95-95-V-AA	800 MCM	954 MCM	795 (47/7;24/7;26/7)	800 MCM	954 MCM	795 (47/7;24/7;26/7)	4 1/2	3 11/16	8 7/8
BC95A-95A-V-AA	-	954 MCM	954 (45/7;54/7)	-	954 MCM	954 (45/7;54/7)	4 1/2	3 11/16	9 1/8
BC103-103-V-AA	1000 MCM	1033.5 MCM	954 (45/7;54/7)	1000 MCM	1033.5 MCM	954 (45/7;54/7)	4 1/2	3 3/4	9
BC103-250-V-AA	1000 MCM	1033.5 MCM	954 (45/7;54/7)	-	2500 MCM	2156 (84/19)	4 1/2	4	9
BC127-79-V-AA	1113 MCM	1272 MCM	1113 (45/7;54/7)	750 MCM	795 MCM	636 (18/1;24/7;26/7)	4 1/2	3 5/8	9 1/16
BC127-95-V-AA	1113 MCM	1272 MCM	1113 (45/7;54/7)	800 MCM	954 MCM	795 (47/7;24/7;26/7)	4 1/2	3 5/8	9 1/16
BC127-127-V-AA	1113 MCM	1272 MCM	1113 (45/7;54/7)	1113 MCM	1272 MCM	1113 (45/7;54/7)	4 1/2	3 5/8	9 1/8
BC140-140-V-AA	1300 MCM	1400 MCM	1272 (45/7;54/19) 1351.5 (45/7)	1300 MCM	1400 MCM	1272 (45/7;54/19) 1351.5 (45/7)	4 1/2	3 5/8	9 1/8
BC160-160-V-AA	1500 MCM	1600 MCM	1431(45/7;54/19) 1351.5 (54/19)	1500 MCM	1600 MCM	1431(45/7;54/19) 1351.5 (54/19)	4 1/2	4	9 1/8
BC180-180-V-AA	1700 MCM	1800 MCM	1590 (45/7;54/19)	1700 MCM	1800 MCM	1590 (45/7;54/19)	4 3/4	4	9 7/8
BC200-200-V-AA	1900 MCM	2000 MCM	1780 (84/19)	1900 MCM	2000 MCM	1780 (84/19)	4 3/4	4	9 7/8
BC205-205-V-AA	2000 MCM	2049 ACSR	1780 (84/19) 2034 (72/7)	2000 MCM	2049 ACSR	1780 (84/19) 2034 (72/7)	5	4	10 1/4
BC250-160-V-AA	-	2500 MCM	2156 (84/19)	1500 MCM	1600 MCM	1431(45/7;54/19) 1351.5 (54/19)	4 1/2	3 13/16	9 5/8
BC250-250-V-AA	-	2500 MCM	2156 (84/19)	-	2500 MCM	2156 (84/19)	4 1/2	3 13/16	9 5/8
BC250-350-V-AA	-	2500 MCM	2156 (84/19)	-	3500 MCM	-	4 1/2	4 1/4	9 5/8
BC300-300-V-AA	2750 MCM	3000 MCM	2515 (76/19)	2750 MCM	3000 MCM	2515 (76/19)	4 3/4	4	9 7/8

DOSSERT® TYPE 34900-EHV

Welded Straight Adapter

Bi-conductor and tri-conductor adapter is designed to be corona free for 345 kV and 500 kV service. Conductor adapters are furnished as complete assembly consisting of the conductor adapter, 90° EHV compression terminals and necessary aluminum hardware. Weights shown do not include compression terminals.

Material

Aluminum Alloy

Mounting Hardware

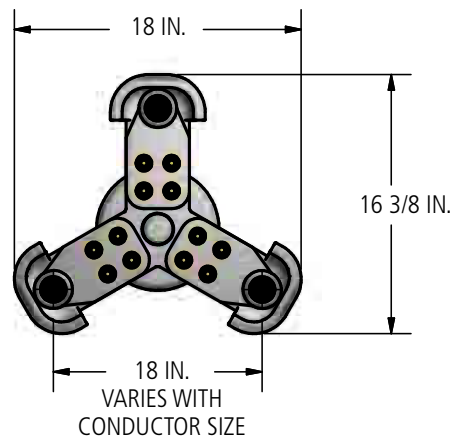
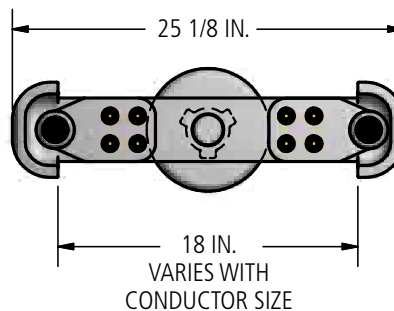
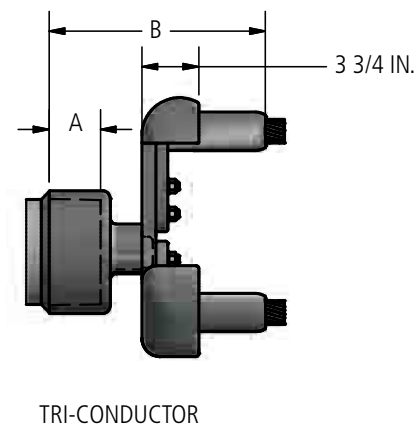
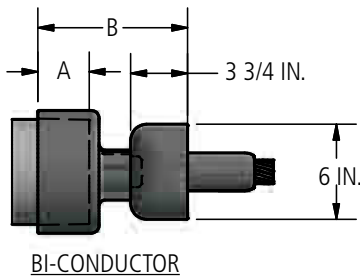
Galvanized steel bolts and lockwashers.

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a tri-conductor adapter to 6" SPS, order 34913EHV.



34928-EHV

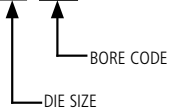


34908-EHV

DOSSERT® TYPE 34900-EHV Welded Straight Adapter Ordering Information

SPS & EHPS	CATALOG NUMBER		DIMENSIONS IN INCHES		NOMINAL WEIGHT IN LBS	
	BI-CONDUCTOR	TRI-CONDUCTOR	A	B	BI-CONDUCTOR	TRI-CONDUCTOR
3	34928EHV.XX.YYY	34908EHV.XX.YYY	1.75	7.97	13.6	15.3
3 1/2	34929EHV.XX.YYY	34909EHV.XX.YYY	2.00	8.22	14.1	15.8
4	34930EHV.XX.YYY	34910EHV.XX.YYY	2.25	8.47	14.7	16.4
5	34932EHV.XX.YYY	34912EHV.XX.YYY	2.75	8.97	16.0	17.7
6	34933EHV.XX.YYY	34913EHV.XX.YYY	3.25	9.47	17.6	19.3

34933 EHV.XX.YYY



CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
	AAC	1033.5	61	1.172	
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	

DOSSERT® TYPE 34900-EHV Welded Straight Adapter

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.15	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.151	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
		2750	91	1.912	

DOSSERT® TYPE 34992-EHV, 34993-EHV

Welded Tee Adapter

Bi-conductor tee adapter is designed to be corona free for 345 kV and 500 kV service. Bi-conductor tee adapter is furnished as complete assembly consisting of bi-conductor adapter, two 90° EHV compression terminals and necessary aluminum hardware. Complete assembly is ordered by specifying catalog number and size of stranded conductor.

Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

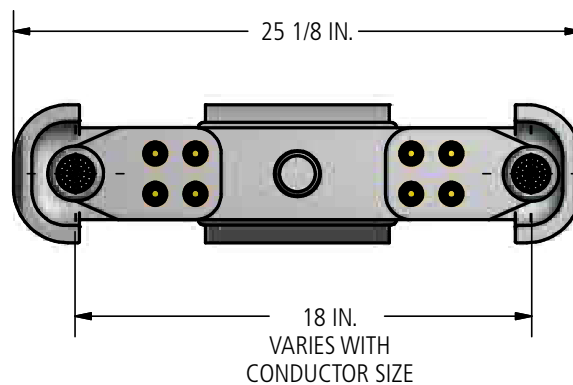
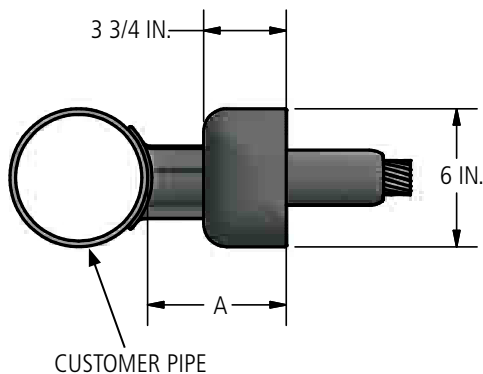
For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a Bi-conductor adapter to 6" SPS, order 34993EHV.



34992-EHV



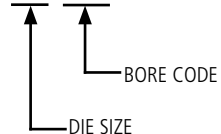
34993-EHV



Ordering Information

CONDUCTOR SIZE SPS & EHPS	CATALOG NUMBER	DIMENSIONS IN INCHES	NOMINAL WEIGHT
		A	LBS
3 THRU 4	34992EHV.XX.YYY	6.16	11.9
5 & 6	34993EHV.XX.YYY	6.36	13.6

34992 EHV.XX.YYY



DOSSERT® TYPE 34992-EHV, 34993-EHV

Welded Tee Adapter

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	

DOSSERT® TYPE 34992-EHV, 34993-EHV

Welded Tee Adapter

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.15	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.151	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
		2750	91	1.912	

DOSSERT® TYPE 34996-EHV, 34997-EHV

Welded Tee Adapter

Tri-conductor tee adapter is designed to be corona free for 345 kV and 500 kV service. Tri-conductor tee adapter is furnished as complete assembly consisting of tri-conductor adapter, three 90° EHV compression terminals and necessary aluminum hardware. Weights shown do not include compression terminals.

Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

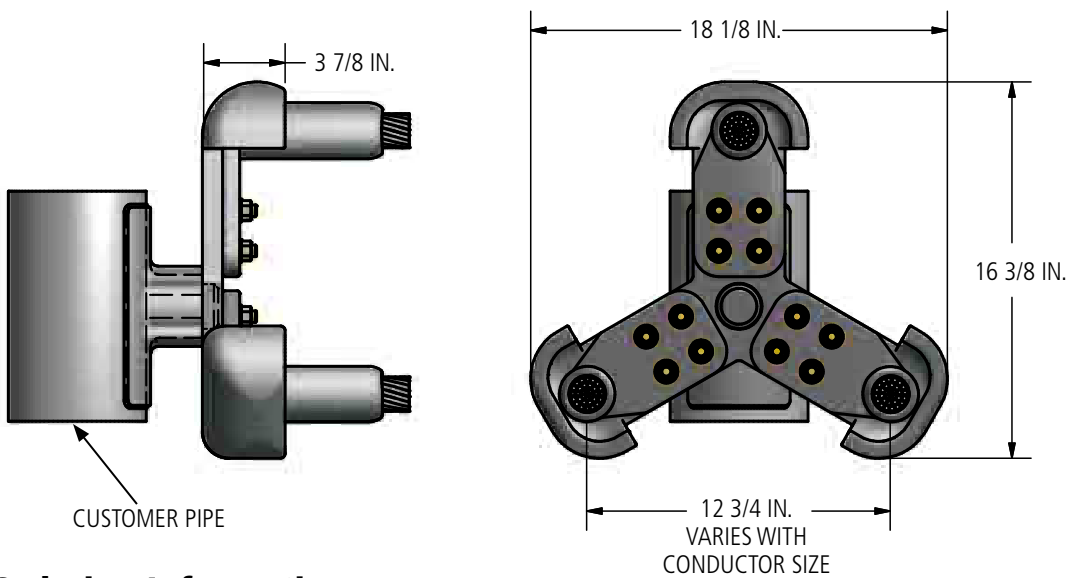
For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a Tri-conductor adapter to 6" SPS, order 34997EHV.



34996-EHV



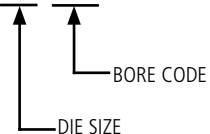
34997-EHV



Ordering Information

CONDUCTOR SIZE SPS & EHPS	CATALOG NUMBER	DIMENSIONS IN INCHES	NOMINAL WEIGHT
		A	LBS
3 THRU 4	34996 EHV.XX.YYY	6.16	13.8
5 & 6	34997 EHV.XX.YYY	6.36	15.5

34996 EHV.XX.YYY



DOSSERT® TYPE 34996-EHV, 34997-EHV

Welded Tee Adapter

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
	AAC	1033.5	61	1.172	
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	

DOSSERT® TYPE 34996-EHV, 34997-EHV

Welded Tee Adapter

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.15	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.151	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
		2750	91	1.912	

DOSSERT® TYPE A-Frame Assemblies

Welded (Tube)

AFL can supply prefabricated A-frame assemblies ready for field mounting and welding. Assemblies are factory fabricated from standard A-frame fittings and pipe carefully welded and inspected to insure accuracy and best performance.

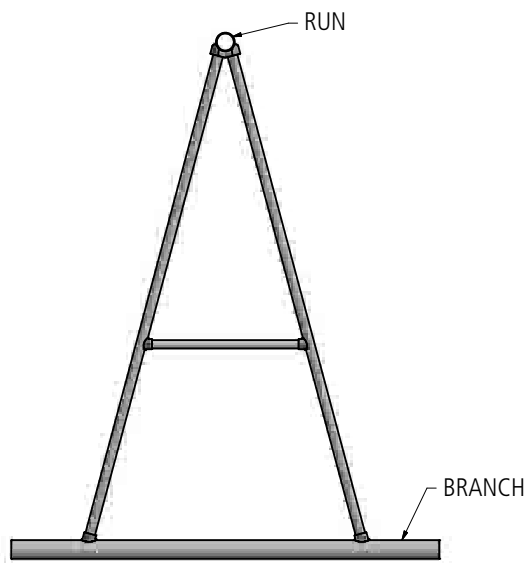
A-frame fittings are designed to make fast, reliable A-frame assemblies. Fittings are designed to be welded on the outside of the pipe allowing use of both Schedule 40 and Schedule 80 pipe. Socket design allows for slight inaccuracies in field cut length of pipe.

Notes

For bus conductor information, see AFL Bus Conductor catalog.



A-Frame Assemblies



Ordering Information

To order, contact customer service with angle, top and bottom run sizes, leg size, centerline height and crossbrace size and spacing if required.

DOSSERT® TYPE 15100-EHV

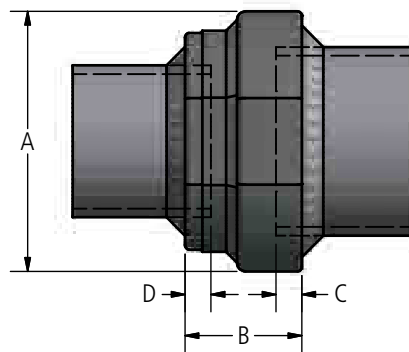
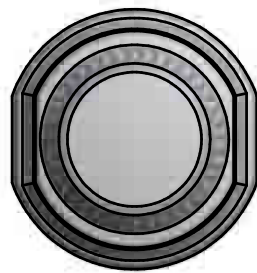
Reducer Connector for Pipe

Reducer connector is designed to connect unequal pipe sizes with minimum amount of trouble. Designed for 345 kV and 500 kV service. Connector is welded on outside of pipe allowing use on both schedule 40 and schedule 80 pipe.



Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE		DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS
	SPS / EHPS						
	RUN	BRANCH	A	B	C	D	
15108-7EHV	3	2 1/2	4.12	1.75	0.44	0.44	1.3
15109-7EHV	3 1/2	2 1/2	4.69	1.75	0.44	0.44	1.5
15109-8EHV	3 1/2	3	4.69	1.88	0.44	0.44	1.9
15110-7EHV	4	2 1/2	5.19	1.81	0.5	0.44	1.7
15110-8EHV	4	3	5.19	1.94	0.5	0.44	2.1
15110-9EHV	4	3 1/2	5.19	1.94	0.5	0.44	2.3
15112-7EHV	5	2 1/2	6.25	1.81	0.5	0.44	2.2
15112-8EHV	5	3	6.25	1.94	0.5	0.44	2.6
15112-9EHV	5	3 1/2	6.25	1.94	0.5	0.44	2.8
15112-10EHV	5	4	6.25	2.00	0.5	0.50	3.1
15113-7EHV	6	2 1/2	7.38	1.81	0.5	0.44	2.8
15113-8EHV	6	3	7.38	1.94	0.5	0.44	3.2
15113-9EHV	6	3 1/2	7.38	1.94	0.5	0.44	3.4
15113-10EHV	6	4	7.38	2.00	0.5	0.50	3.7
15113-12EHV	6	5	7.38	2.00	0.5	0.50	4.3

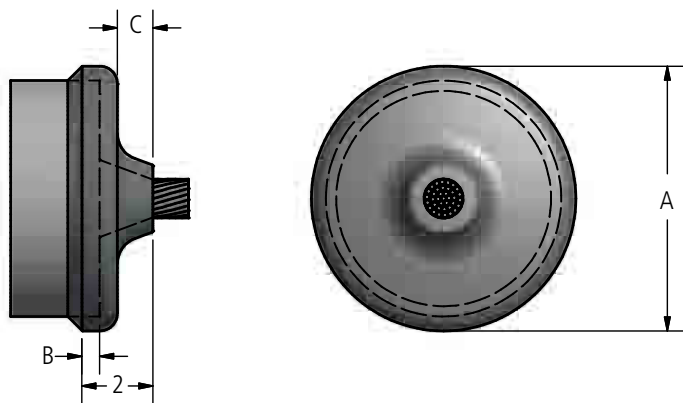
DOSSERT® TYPE 14700-EHV

Straight Adapter Tube to Cable

Adapter is designed to make inline connection between pipe and stranded cable. Designed for 345 kV service. Cable is "puddle" welded to connector; connector is then welded to tube. Not recommended for use on ACSR conductors due to difficulty welding steel core.

Material

Aluminum Alloy



Ordering Information

TABLE 1					
SPS	CATALOG NUMBER	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
		A	B	C	
3	14708	4.22	0.44	1.06	1.20
3 1/2	14709	4.66	0.44	1.06	1.30
4	14710	5.22	0.50	1.00	1.50
5	14712	6.38	0.50	1.00	1.90
6	14713	7.44	0.50	1.00	2.60

TABLE 2							
STANDARD CONDUCTOR RANGE			CATALOG NUMBER				
			RUN CONDUCTOR (SPS & EHPS)				
MIN	MAX	DIAMETER	3	3 1/2	4	5	6
900 MCM	-	1.048 - 1.110	14708.112 EHV	14709.112 EHV	14710.112 EHV	14712.112 EHV	14713.112 EHV
954 MCM	1033.5 MCM	1.111 - 1.173	14708.119 EHV	14709.119 EHV	14710.119 EHV	14712.119 EHV	14713.119 EHV
1113 MCM	-	1.174 - 1.235	14708.125 EHV	14709.125 EHV	14710.125 EHV	14712.125 EHV	14713.125 EHV
1192.5 MCM	1250 MCM	1.236 - 1.297	14708.131 EHV	14709.131 EHV	14710.131 EHV	14712.131 EHV	14713.131 EHV
1272 MCM	1351.5 MCM	1.298 - 1.360	14708.138 EHV	14709.138 EHV	14710.138 EHV	14712.138 EHV	14713.138 EHV
1431 MCM	1510.5 MCM	1.361 - 1.423	14708.144 EHV	14709.144 EHV	14710.144 EHV	14712.144 EHV	14713.144 EHV
1590 MCM	-	1.424 - 1.485	14708.150 EHV	14709.150 EHV	14710.150 EHV	14712.150 EHV	14713.150 EHV
1750 MCM	-	1.486 - 1.542	14708.156 EHV	14709.156 EHV	14710.156 EHV	14712.156 EHV	14713.156 EHV

DOSSERT®

TYPE TP-4N4-V-AA, TPA-4N4-90-V-AA

Bolted Terminal to Pipe Rated for 500 kV

Bolted terminal for installation to pipe.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.

Notes

For a 3" pipe with a 4" terminal pad, at 90°, high voltage, use TPA300-4N4-90-V-AA.



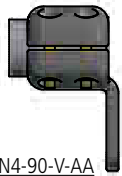
TP-4N4-V-AA



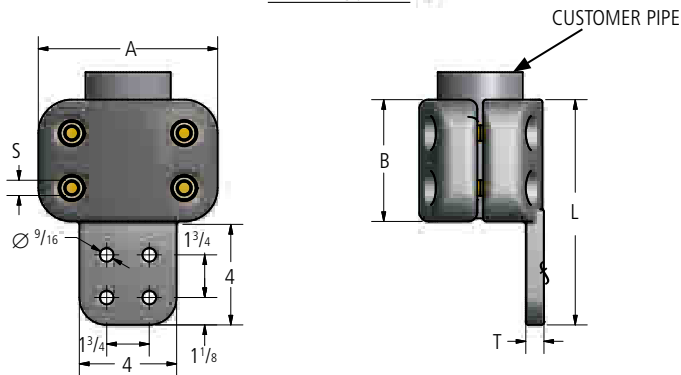
WP2CA-N-90-V-AA



TP-4N4-V-AA



TPA-4N4-90-V-AA



Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES				
STANDARD	90 DEGREE		A	B	L	S	T
TP250-4N4-V-AA	TP250-4N4-90-V-AA	2 1/2	5 3/4	4 1/2	9	1/2	3/4
TP300-4N4-V-AA	TP300-4N4-90-V-AA	3	7 3/8	5	9 1/2	5/8	3/4
TP350-4N4-V-AA	TP350-4N4-90-V-AA	3 1/2	7 7/8	5	9 1/2	5/8	7/8
TP400-4N4-V-AA	TP400-4N4-90-V-AA	4	8 3/8	5	9 1/2	5/8	7/8
TP500-4N4-V-AA	TP500-4N4-90-V-AA	5	9 1/4	5	9 1/2	5/8	1 1/8
TP600-4N4-V-AA	TP600-4N4-90-V-AA	6	10 3/8	5	9 1/2	5/8	1 1/4
TP800R-4N4-V-AA	TP800R-4N4-90-V-AA	8 OD	11 1/4	6	10 1/2	5/8	1 1/2
TP800-4N4-V-AA	TP800-4N4-90-V-AA	8	11	6	10 1/2	5/8	1 1/2

DOSSERT® TYPE WTPC-4N4-V-AA

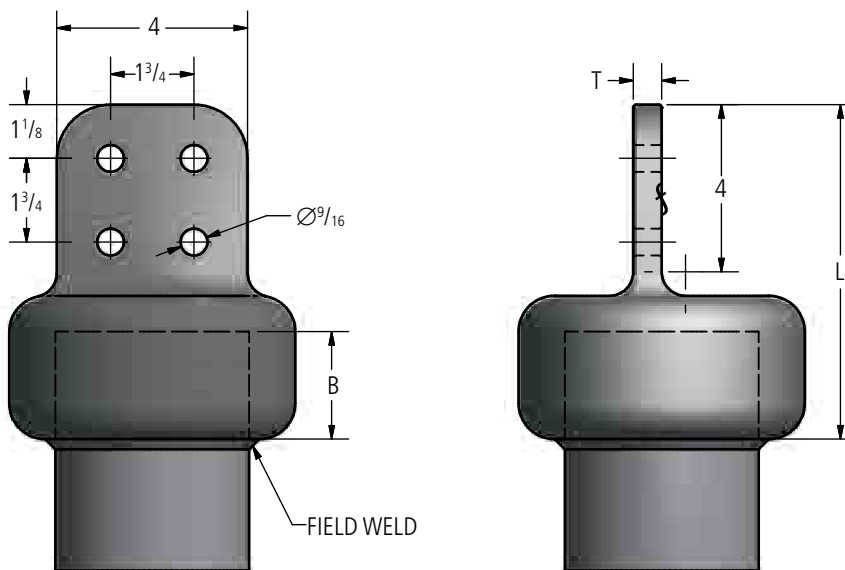
Welded External Centerform Terminal

Terminal is designed to be corona free for 345 kV and 500 kV service when pad covers are used to shield terminal hardware.



Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS	DIMENSIONS IN INCHES			
		A	B	L	T
WTPC200-4N4-V-AA	2	1 1/2	6	1/2	5/8
WTPC300-4N4-V-AA	3	1 3/4	6 3/4	5/8	5/8
WTPC350-4N4-V-AA	3 1/2	2	7 1/2	3/4	3/4
WTPC400-4N4-V-AA	4	2	7 1/2	3/4	3/4
WTPC500-4N4-V-AA	5	2 3/4	7 3/4	7/8	3/4
WTPC600-4N4-V-AA	6	3	8	1	7/8
WTPC800R-4N4-V-AA	8 OD	3	8	1	7/8
WTPC800-4N4-V-AA	8	3	8	1	1

DOSSERT®

TYPE WTPI-N-V-AA, WTPIA-N-90-V-AA

Welded Internal Offset Terminal

Welded internal terminal standard and at 90° is designed to be corona free for 345 kV and 500 kV service.

Material

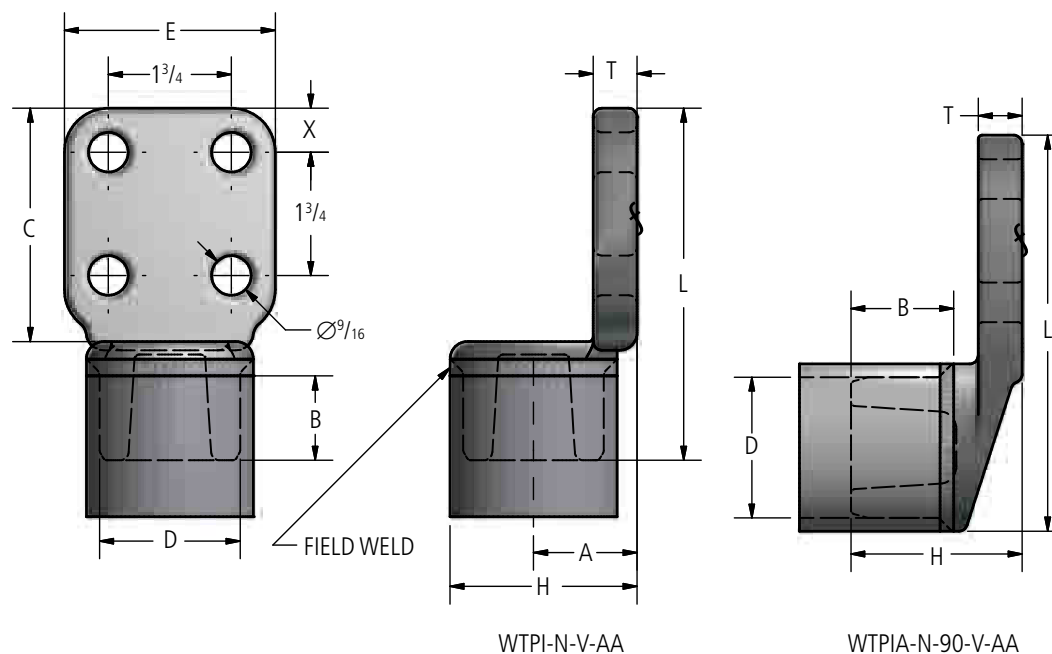
Aluminum Alloy



WTPI-N-V-AA



WTPIA-N-90-V-AA



Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES								
STANDARD	90 DEGREE		A	B	C	D	E	H	L	T	X
WTPI200-4N4-V-AA	WTPIA200-4N4-V-AA	2	1 1/2	1 1/4	3	2.000	3	2 11/16	4 3/4	5/8	5/8
WTPI250-4N4-V-AA	WTPIA250-4N4-V-AA	2 1/2	1 3/4	1 1/2	4	2.390	4	3 3/16	6 3/4	5/8	1 1/8
WTPI400-4N4-V-AA	WTPIA400-4N4-V-AA	4	2 1/2	2 1/4	4	3.995	4	4 3/4	7 3/4	3/4	1 1/8
WTPI400E-4N4-V-AA	WTPIA400E-4N4-V-AA	4 EHPS	2 1/2	2 1/4	4	3.764	4	4 3/4	7 3/4	3/4	1 1/8
WTPI500-4N4-V-AA	WTPIA500-4N4-V-AA	5	3	2 7/8	4	4.984	4	5 29/32	8 1/4	7/8	1 1/8
WTPI500E-4N4-V-AA	WTPIA500E-4N4-V-AA	5 EHPS	3	2 7/8	4	4.750	4	5 29/32	8 1/4	7/8	1 1/8
WTPI600-4N4-V-AA	WTPIA600-4N4-V-AA	6	3 1/2	3 3/8	4	6.000	4	6 3/4	9	1	1 1/8
WTPI800R-4N4-V-AA	WTPIA800R-4N4-V-AA	8 OD	4 1/2	4	4	7.154	4	7 3/4	10	1	1 1/8
WTPIA800-4N4-V-AA	WTPIA800-4N4-V-AA	8	4 1/2	4	4	8.000	4	7 3/4	10	1	1 1/8

DOSSERT®

TYPE WTPIC-N-V-AA, WTPIC-E-N-V-AA

Welded Internal Terminal

Welded internal terminal is designed to be corona free for 345 kV and 500 kV service.

Material

Aluminum Alloy

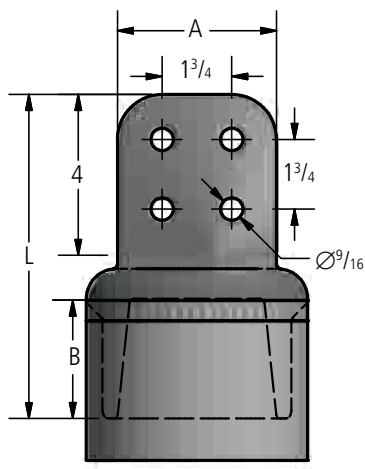


FIG. 1

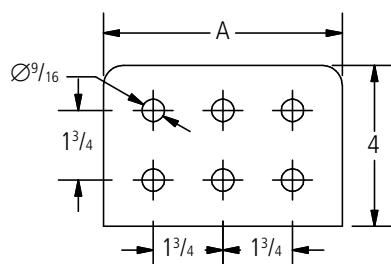
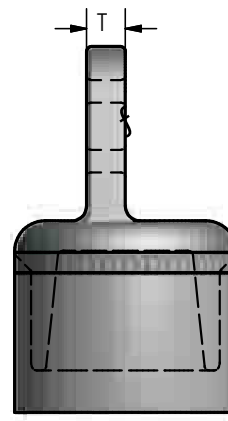


FIG. 2



Ordering Information

CATALOG NUMBER		SPS	FIG. NO.	DIMENSIONS IN INCHES			
SCHEDULE 40	SCHEDULE 80			A	B	L	T
WTPIC250-4N4-V-AA	WTPIC250E-4N4-V-AA	2 1/2	1	4	1 1/2	6 7/8	5/8
WTPIC300-4N4-V-AA	WTPIC300E-4N4-V-AA	3	1	4	2	7 3/8	5/8
WTPIC350-4N4-V-AA	WTPIC350E-4N4-V-AA	3 1/2	1	4	2	7 3/8	3/4
WTPIC400-4N4-V-AA	WTPIC400E-4N4-V-AA	4	1	4	2 1/4	7 3/4	3/4
WTPIC400-6N6-V-AA	WTPIC400E-6N6-V-AA		2	6	2 1/4	7 3/4	3/4
WTPIC500-4N4-V-AA	WTPIC500E-4N4-V-AA	5	1	4	2 1/2	8 1/8	7/8
WTPIC500-6N6-V-AA	WTPIC500E-6N6-V-AA		2	6	2 1/2	8 1/8	7/8
WTPIC600-4N4-V-AA	WTPIC600E-4N4-V-AA	6	1	4	3 1/2	9 5/16	1
WTPIC600-6N6-V-AA	WTPIC600E-6N6-V-AA		2	6	3 1/2	9 5/16	1

DOSSERT® TYPE WXL-V-AA, WXL-HV-AA

Expansion Terminal Connector

Expansion terminals are to be corona free for 345 kV and 500 kV service. Aluminum terminals can be connected to aluminum or copper terminals. Laminated straps provide for 1.75" (44.5mm) expansion or contraction. Static steel static eliminator springs are supplied for slip fit end of corona ring assembly.



Material

Aluminum Alloy

Hardware

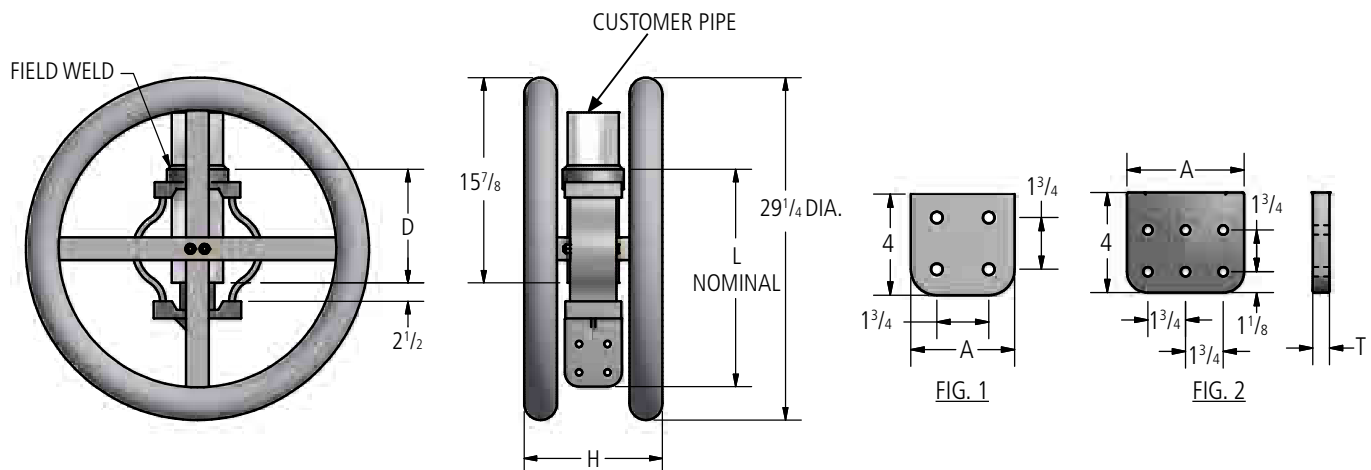
Yellow anodized aluminum bolts, nuts, and lockwashers.

Stainless steel bolts, nuts, and lockwashers.

Notes

If hardware shield is required add -CSBV-to catalog

Example: WXL500E-4N4-V-AA-CSBV



Ordering Information

CATALOG NUMBER		SPS	FIG. NUM.	DIMENSIONS IN INCHES				
SCH 40	SCH 80			A	D	H	L	T
WXL250-4N4-V-AA	WXL250E-4N4-V-AA	2 1/2	1	4	7 11/16	10 5/8	15 7/8	5/8
WXL300-4N4-V-AA	WXL300E-4N4-V-AA	3	1	4	8 3/16	11 1/8	17	5/8
WXL350-4N4-V-AA	WXL350E-4N4-V-AA	3 1/2	1	4	9 3/4	11 5/8	18 5/16	3/4
WXL400-4N4-V-AA	WXL400E-4N4-V-AA	4	1	4	10	12 1/8	19	3/4
WXL500-4N4-V-AA	WXL500E-4N4-V-AA	5	1	4	10	13 1/8	19	7/8
WXL500-6N-V-AA	WXL500E-6N-V-AA	5	2	5 3/4	10	13 1/8	19	7/8
WXL600-4N4-V-AA	WXL600E-4N4-V-AA	6	1	4	12	14 1/4	21	1
WXL600-6N-V-AA	WXL600E-6N-V-AA	6	2	5 3/4	12	14 1/4	21	1

DOSSERT® TYPE TC-N-V-AA, T2C-N-V-AA

Bolted Cable Terminal

Bolted terminal for connection to cable. Designed for 500 kV service,

Material

Aluminum Alloy

Hardware

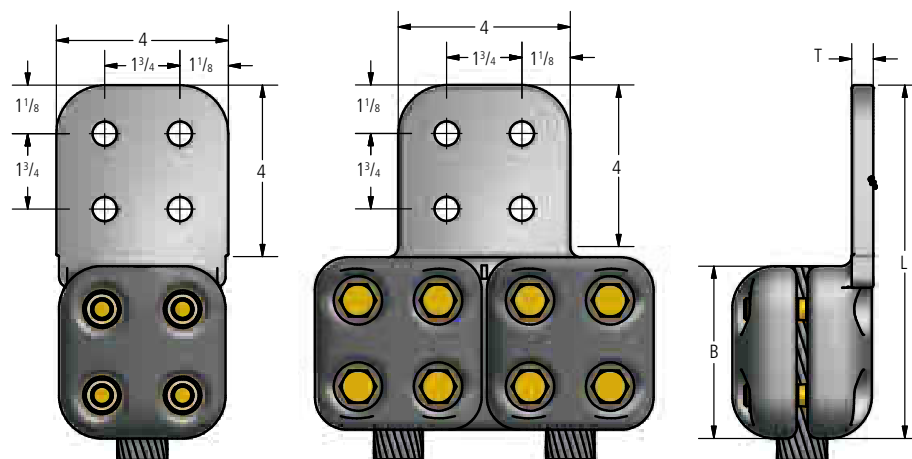
Yellow anodized aluminum nuts, bolts, and lockwashers.



TC-N-V-AA



T2C-N-V-AA



TC-N-V-AA

T2C-N-V-AA

Ordering Information

CATALOG NUMBER		CABLE RANGE			DIMENSIONS IN INCHES			BOLT SIZE
		ALUMINUM		ACSR				
		MIN	MAX		B	L	T	
TC79-4N4-V-AA	T2C79-4N4-V-AA	750 MCM	795 MCM	636 (18/1;24/7;26/7)	4	8 1/4	1/2	1/2
TC95-4N4-V-AA	T2C95-4N4-V-AA	800 MCM	945 MCM	795 (47/7;24/7;26/7)	4	8 1/4	1/2	1/2
TC103-4N4-V-AA	T2C103-4N4-V-AA	1000 MCM	1033.5 MCM	954 (45/7;54/7)	4	8 1/4	1/2	1/2
TC127-4N4-V-AA	T2C127-4N4-V-AA	1113 MCM	1272 MCM	1113 (45/7)(54/19)	4	8 1/4	1/2	1/2
TC140-4N4-V-AA	T2C140-4N4-V-AA	1300 MCM	1400 MCM	1272 (45/7;54/19) 1351.5 (45/7)	4	8 1/4	1/2	1/2
TC160-4N4-V-AA	T2C160-4N4-V-AA	1500 MCM	1600 MCM	1431 (45/7;54/19) 1351.5 (54/19)	4 3/4	9	1/2	5/8
TC180-4N4-V-AA	T2C180-4N4-V-AA	1700 MCM	1800 MCM	1590 (45/7)(54/19)	4 3/4	9	9/16	5/8
TC200-4N4-V-AA	T2C200-4N4-V-AA	1900 MCM	2000 MCM	1780 (84/19)	4 3/4	9	3/4	5/8
TC250-4N4-V-AA	T2C250-4N4-V-AA	2250 MCM	2500 MCM	2156 (84/19)	4 3/4	9	7/8	5/8
TC300-4N4-V-AA	T2C300-4N4-V-AA	2750 MCM	3000 MCM	2515 (76/19)	4 3/4	9	1	5/8
TC350-4N4-V-AA	T2C350-4N4-V-AA	3250 MCM	3500 MCM	3156 (84/19)	4 3/4	9	1	5/8

DOSSERT® TYPE WPC-N-V-AA, WP2C-N-V-AA

Welded Terminal Connector

Terminal connector is designed to be corona free for 345 kV and 500 kV service.

Material

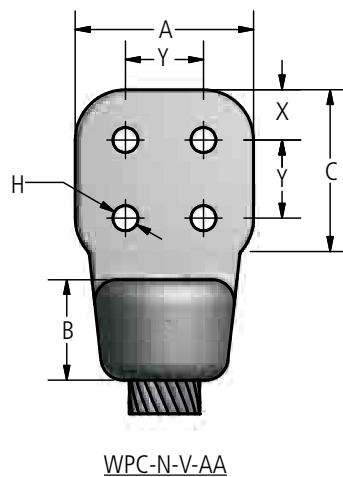
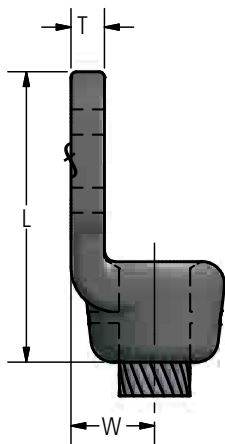
Aluminum Alloy



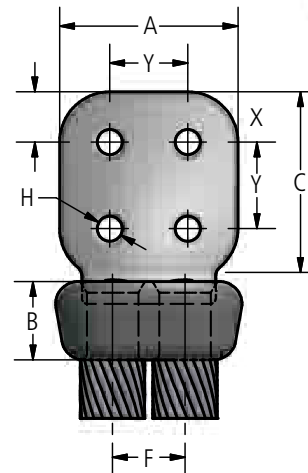
WPC-N-V-AA



WP2C-N-V-AA



WPC-N-V-AA



WP2C-N-V-AA

Ordering Information

CATALOG NUMBER		CABLE RANGE		DIMENSIONS IN INCHES								
		ACSR	ALUMINUM	A	B	C	F	H	T	W	X	Y
WPC80-4N-V-AA	WP2C80-4N-V-AA	636 (30/19) 666.6 (24/7,26/7) 715.5 (24/7)	750 (37,61,91) 795 (37,61) 800 (61,91)	3	1 1/2	3	1 5/8	9/16	1/2	1 5/16	5/8	1 3/4
WPC80-4N4-V-AA	WP2C80-4N4-V-AA	636 (30/19) 666.6 (24/7,26/7) 715.5 (24/7)	750 (37,61,91) 795 (37,61) 800 (61,91)	4	1 1/2	4	1 5/8	9/16	1/2	1 5/16	1 1/8	1 3/4
WPC80-4S4-V-AA	WP2C80-4S4-V-AA	636 (30/19) 666.6 (24/7,26/7) 715.5 (24/7)	750 (37,61,91) 795 (37,61) 800 (61,91)	4	1 1/2	4	1 5/8	11/16	1/2	1 5/16	1	2
WPC90-4N4-V-AA	WP2C90-4N4-V-AA	715.5 (30/19) 795 (36/1, 45/7, 24/7, 54/7)	800 (61,91) 874.5 (37,61) 900 (37,61,91)	4	1 1/2	4	1 5/8	9/16	1/2	1 5/16	1 1/8	1 3/4
WPC90-4S4-V-AA	WP2C90-4S4-V-AA	715.5 (30/19) 795 (36/1, 45/7, 24/7, 54/7)	800 (61,91) 874.5 (37,61) 900 (37,61,91)	4	1 1/2	4	1 5/8	11/16	1/2	1 5/16	1	2
WPC95-4N4-V-AA	WP2C95-4N4-V-AA	795 (30/19, 26/7) 874.5 (54/7) 900 (45/7, 54/7)	900 (37,61,91) 954 (37,61)	4	1 3/4	4	1 5/8	9/16	1/2	1 3/8	1 1/8	1 3/4

DOSSERT® TYPE WPC-N-V-AA, WP2C-N-V-AA

Welded Terminal Connector

Ordering Information (cont.)

CATALOG NUMBER		CABLE RANGE		DIMENSIONS IN INCHES								
		ACSR	ALUMINUM	A	B	C	F	H	T	W	X	Y
WPC95-4S4-V-AA	WP2C95-4S4-V-AA	795 (30/19, 26/7) 874.5 (54/7) 900 (45/7, 54/7)	900 (37,61,91) 954 (37,61)	4	1 3/4	4	1 5/8	11/16	1/2	1 3/8	1	2
WPC95-4N4-V-AA	WP2C95-4N4-V-AA	795 (30/19, 26/7) 874.5 (54/7) 900 (45/7, 54/7)	900 (37,61,91) 954 (37,61)	4	1 3/4	4	1 5/8	9/16	1/2	1 3/8	1 1/8	1 3/4
WPC95-4S4-V-AA	WP2C95-4S4-V-AA	795 (30/19, 26/7) 874.5 (54/7) 900 (45/7, 54/7)	900 (37,61,91) 954 (37,61)	4	1 3/4	4	1 5/8	11/16	1/2	1 3/8	1	2
WPC103-4N4-V-AA	WP2C103-4N4-V-AA	954 (36/1, 45/7, 54/7)	954 (37,61) 1000 (37,61,91) 1033.5 (37,61)	4	1 3/4	4	1 3/4	9/16	1/2	1 3/8	1 1/8	1 3/4
WPC103-4S4-V-AA	WP2C103-4S4-V-AA	954 (36/1, 45/7, 54/7)	954 (37,61) 1000 (37,61,91) 1033.5 (37,61)	4	1 3/4	4	1 3/4	11/16	1/2	1 3/8	1	2
WPC111-4N4-V-AA	WP2C111-4N4-V-AA	1033.5 (36/1, 45/7, 54/7)	1100 (91,127) 1113 (61)	4	1 3/4	4	-	9/16	1/2	1 3/8	1 1/8	1 3/4
WPC111-4S4-V-AA	WP2C111-4S4-V-AA	1033.5 (36/1, 45/7, 54/7)	1100 (91,127) 1113 (61)	4	1 3/4	4	-	11/16	1/2	1 3/8	1	2
WPC135-4N4-V-AA	WP2C135-4N4-V-AA	1113 (45/7, 54/19) 1192.5 (45/7, 54/19)	1192.5 (61) 1200 (91,127) 1250 (91,127) 1271 (61) 1300 (91, 127) 1351.5 (61)	4	2	4	2 1/4	9/16	9/16	1 1/2	1 1/8	1 3/4
WPC135-4S4-V-AA	WP2C135-4S4-V-AA	1113 (45/7, 54/19) 1192.5 (45/7, 54/19)	1192.5 (61) 1200 (91,127) 1250 (91,127) 1271 (61) 1300 (91, 127) 1351.5 (61)	4	2	4	2 1/4	11/16	9/16	1 1/2	1	2
WPC151-4N4-V-AA	WP2C151-4N4-V-AA	1272 (45/7, 54/19) 1351 (45/7, 54/19)	1400 (91,127) 1431 (61) 1500 (91,127) 1510.5 (61)	4	2	4	2 1/4	9/16	11/16	1 11/16	1 1/8	1 3/4
WPC151-4S4-V-AA	WP2C151-4S4-V-AA	1272 (45/7, 54/19) 1351 (45/7, 54/19)	1400 (91,127) 1431 (61) 1500 (91,127) 1510.5 (61)	4	2	4	2 1/4	11/16	11/16	1 11/16	1	2
WPC170-4N4-V-AA	WP2C170-4N4-V-AA	1431 (45/7, 54/19) 1510.5 (45/7, 54/19)	1590 (61) 1600 (127, 169) 1700 (127, 169)	4	2	4	2 1/4	9/16	11/16	1 11/16	1 1/8	1 3/4
WPC170-4S4-V-AA	WP2C170-4S4-V-AA	1431 (45/7, 54/19) 1510.5 (45/7, 54/19)	1590 (61) 1600 (127, 169) 1700 (127, 169)	4	2	4	2 1/4	11/16	11/16	1 11/16	1	2
WPC190-4N4-V-AA	WP2C190-4N4-V-AA	1590 (45/7, 54/19) 1780 (84/19)	1750 (127, 169) 1800 (127, 169) 1900 (127, 169)	4	2 1/4	4	2 1/4	9/16	11/16	1 3/4	1 1/8	1 3/4

DOSSERT® TYPE WPC-N-V-AA, WP2C-N-V-AA

Welded Terminal Connector

Ordering Information (cont.)

CATALOG NUMBER		CABLE RANGE		DIMENSIONS IN INCHES								
		ACSR	ALUMINUM	A	B	C	F	H	T	W	X	Y
WPC190-4S4-V-AA	WP2C190-4S4-V-AA	1590 (45/7, 54/19) 1780 (84/19)	1750 (127, 169) 1800 (127, 169) 1900 (127, 169)	4	2 1/4	4	2 1/4	11/16	11/16	1 3/4	1	2
WPC225-4N4-V-AA	WP2C225-4N4-V-AA	2167 (72/7)	2000 (91, 127, 169) 2250 (91)	4	2 1/4	4	2 3/8	9/16	3/4	1 7/8	1 1/8	1 3/4
WPC225-4S4-V-AA	WP2C225-4S4-V-AA	2167 (72/7)	2000 (91, 127, 169) 2250 (91)	4	2 1/4	4	2 3/8	11/16	3/4	1 7/8	1	2
WPC250-4N4-V-AA	WP2C250-4N4-V-AA	2156 (84/19)	2500 (91, 127, 169) 2493 (ACAR)	4	2 1/4	4	2 5/8	9/16	3/4	1 15/16	1 1/8	1 3/4
WPC250-4S4-V-AA	WP2C250-4S4-V-AA	2156 (84/19)	2500 (91, 127, 169) 2493 (ACAR)	4	2 1/4	4	2 5/8	11/16	3/4	1 15/16	1	2
WPC300-4N4-V-AA	WP2C300-4N4-V-AA	-	2750 (91) 3000 (127, 169)	4	2 1/4	4	-	9/16	7/8	2 1/8	1 1/8	1 3/4
WPC300-4S4-V-AA	WP2C300-4S4-V-AA	-	2750 (91) 3000 (127, 169)	4	2 1/4	4	-	11/16	7/8	2 1/8	1	2
WPC127R-4N4-V-AA	WP2C127R-4N4-V-AA	-	1272 MCM ROPELAY	4	2	4	2 1/4	9/16	11/16	1 9/16	1 1/8	1 3/4
WPC127R-4S4-V-AA	WP2C127R-4S4-V-AA	-	1272 MCM ROPELAY	4	2	4	2 1/4	11/16	11/16	1 9/16	1	2
WPC240R-4N4-V-AA	WP2C240R-4N4-V-AA	-	2.40 DIA.	4	2 3/4	4	-	9/16	1	2 1/2	1 1/8	1 3/4
WPC240R-4S4-V-AA	WP2C240R-4S4-V-AA	-	2.40 DIA.	4	2 3/4	4	-	11/16	1	2 1/2	1	2 1/2

DOSSERT®

TYPE WPCA-N-45-V-AA, WP2CA-N-45-V-AA

Welded 45 Degree Cable Terminal

Cable terminal at 45° is designed to be corona free for 345 kV and 500 kV service.

Material

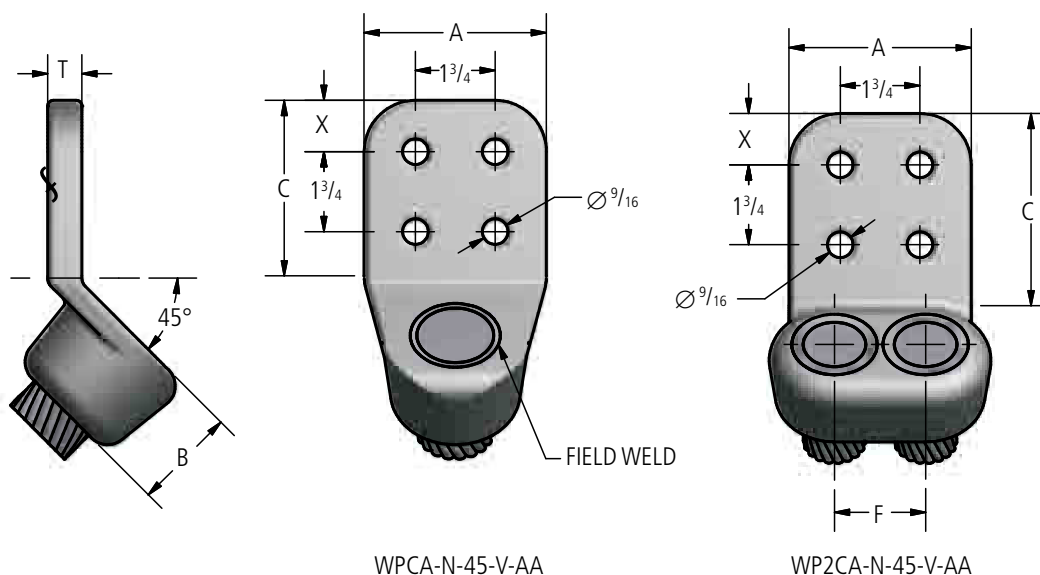
Aluminum Alloy



WPCA-N-45-V-AA



WP2CA-N-45-V-AA



WPCA-N-45-V-AA

WP2CA-N-45-V-AA

Ordering Information

CATALOG NUMBER		CABLE RANGE		DIMENSIONS IN INCHES					
		ALUMINUM	ACSR	A	B	C	F	T	X
WPCA65-4N-45-V-AA	WP2CA65-4N-45-V-AA	600 (37,61,91) 636 (37,61,91)	556.5 (18/1,24/7,26/7) 636 (36/1, 18/1)	3	1 1/2	3	1 5/8	1/2	5/8
WPCA65-4N4-45-V-AA	WP2CA65-4N4-45-V-AA	600 (37,61,91) 636 (37,61,91)	556.5 (18/1,24/7,26/7) 636 (36/1, 18/1)	4	1 1/2	4	1 5/8	1/2	1 1/8
WPCA71-4N-45-V-AA	WP2CA71-4N-45-V-AA	650 (37,61,91) 700 (37,61,91) 715.5 (37,61)	636 (24/7, 26/7) 605 (24/7, 26/7, 30/19)	3	1 1/2	3	1 5/8	1/2	5/8
WPCA71-4N4-45-V-AA	WP2CA71-4N4-45-V-AA	650 (37,61,91) 700 (37,61,91) 715.5 (37,61)	636 (24/7, 26/7) 605 (24/7, 26/7, 30/19)	4	1 1/2	4	1 5/8	1/2	1 1/8
WPCA80-4N-45-V-AA	WP2CA80-4N-45-V-AA	750 (37,61,91) 795 (37,61) 800 (61,91)	636 (30/19) 666.6 (24/7, 26/7) 715.5 (24/7)	3	1 1/2	3	1 5/8	1/2	5/8
WPCA80-4N4-45-V-AA	WP2CA80-4N4-45-V-AA	750 (37,61,91) 795 (37,61) 800 (61,91)	636 (30/19) 666.6 (24/7, 26/7) 715.5 (24/7)	4	1 1/2	4	1 5/8	1/2	1 1/8
WPCA90-4N-45-V-AA	WP2CA90-4N-45-V-AA	800 (61,91) 874.5 (37,61) 900 (37,61,91)	715.5 (30/19) 795 (36/1, 45/7, 24/7, 54/7)	3	1 1/2	3	1 5/8	1/2	5/8
WPCA90-4N4-45-V-AA	WP2CA90-4N4-45-V-AA	800 (61,91) 874.5 (37,61) 900 (37,61,91)	715.5 (30/19) 795 (36/1, 45/7, 24/7, 54/7)	4	1 1/2	4	1 5/8	1/2	1 1/8

DOSSERT®

TYPE WPCA-N-45-V-AA, WP2CA-N-45-V-AA

Welded 45 Degree Cable Terminal

Ordering Information (cont.)

CATALOG NUMBER		CABLE RANGE		DIMENSIONS IN INCHES					
		ALUMINUM	ACSR	A	B	C	F	T	X
WPCA95-4N-45-V-AA	WP2CA95-4N-45-V-AA	900 (37,61,91) 954 (37,61)	795 (30/19) 874.5 (34/7) 900 (45/7, 54/7)	3	1 3/4	3	1 5/8	1/2	5/8
WPCA95-4N4-45-V-AA	WP2CA95-4N4-45-V-AA	900 (37,61,91) 954 (37,61)	795 (30/19) 874.5 (34/7) 900 (45/7, 54/7)	4	1 3/4	4	1 5/8	1/2	1 1/8
WPCA103-4N-45-V-AA	WP2CA103-4N-45-V-AA	954 (37,61) 1000 (37,61,91) 1033.5 (37,61)	954 (36/1, 45/7, 54/7)	3	1 3/4	3	1 3/4	1/2	5/8
WPCA103-4N4-45-V-AA	WP2CA103-4N4-45-V-AA	954 (37,61) 1000 (37,61,91) 1033.5 (37,61)	954 (36/1, 45/7, 54/7)	4	1 3/4	4	1 3/4	1/2	1 1/8
WPCA111-4N-45-V-AA	WP2CA111-4N-45-V-AA	1100 (91,127) 1113 (61)	1033.5 (36/1, 45/7, 54/7)	3	1 3/4	3	1 7/8	1/2	5/8
WPCA111-4N4-45-V-AA	WP2CA111-4N4-45-V-AA	1100 (91,127) 1113 (61)	1033.5 (36/1, 45/7, 54/7)	4	1 3/4	4	1 7/8	1/2	1 1/8
WPCA135-4N-45-V-AA	WP2CA135-4N-45-V-AA	1192.5 (61) 1200 (91,127) 1250 (91,127) 1272 (61) 1300 (91,127) 1351.5 (61)	1113 (45/7, 54/19) 1192.5 (45/7, 54/19)	3	2	3	2 1/4	11/16	5/8
WPCA135-4N4-45-V-AA	WP2CA135-4N4-45-V-AA	1192.5 (61) 1200 (91,127) 1250 (91,127) 1272 (61) 1300 (91,127) 1351.5 (61)	1113 (45/7, 54/19) 1192.5 (45/7, 54/19)	4	2	4	2 1/4	11/16	1 1/8
WPCA151-4N-45-V-AA	WP2CA151-4N-45-V-AA	1400 (91,127) 1431 (61) 1500 (91,127) 1510.5 (61)	1272 (45/7, 54/19) 1351.5 (45/7, 54/19)	3	2	3	2 1/4	11/16	5/8
WPCA151-4N4-45-V-AA	WP2CA151-4N4-45-V-AA	1400 (91,127) 1431 (61) 1500 (91,127) 1510.5 (61)	1272 (45/7, 54/19) 1351.5 (45/7, 54/19)	4	2	4	2 1/4	11/16	1 1/8
WPCA170-4N-45-V-AA	WP2CA170-4N-45-V-AA	1590 (61) 1600 (127, 169) 1700 (127,169)	1431 (45/7, 54/19) 1510.5 (45/7, 54/19)	3	2	3	2 1/4	11/16	5/8
WPCA170-4N4-45-V-AA	WP2CA170-4N4-45-V-AA	1590 (61) 1600 (127, 169) 1700 (127,169)	1431 (45/7, 54/19) 1510.5 (45/7, 54/19)	4	2	4	2 1/4	11/16	1 1/8
WPCA190-4N-45-V-AA	WP2CA190-4N-45-V-AA	1750 (127,169) 1800 (127,169) 1900 (127,169)	1590 (45/7, 54/19) 1780 (85/19)	3	2 1/4	3	2 1/4	11/16	5/8
WPCA190-4N4-45-V-AA	WP2CA190-4N4-45-V-AA	1750 (127,169) 1800 (127,169) 1900 (127,169)	1590 (45/7, 54/19) 1780 (85/19)	4	2 1/4	4	2 1/4	11/16	1 1/8
WPCA225-4N-45-V-AA	WP2CA225-4N-45-V-AA	2000 (91,127,169) 2250 (91)	2167 (72/7)	3	2 1/4	3	2 1/4	3/4	5/8
WPCA225-4N4-45-V-AA	WP2CA225-4N4-45-V-AA	2000 (91,127,169) 2250 (91)	2167 (72/7)	4	2 1/4	4	2 1/4	3/4	1 1/8
WPCA250-4N-45-V-AA	WP2CA250-4N-45-V-AA	2500 (91,127,169)	2150 (84,19)	3	2 1/4	3	2 1/2	3/4	5/8
WPCA250-4N4-45-V-AA	WP2CA250-4N4-45-V-AA	2500 (91,127,169)	2150 (84,19)	4	2 1/4	4	2 1/2	3/4	1 1/8
WPCA300-4N-45-V-AA	WP2CA300-4N-45-V-AA	2750 (91) 3000 (127,169)	-	3	2 1/4	3	2 3/4	7/8	5/8
WPCA300-4N4-45-V-AA	WP2CA300-4N4-45-V-AA	2750 (91) 3000 (127,169)	-	4	2 1/4	4	2 3/4	7/8	1 1/8

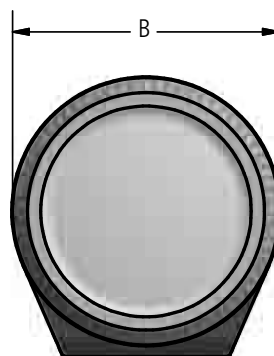
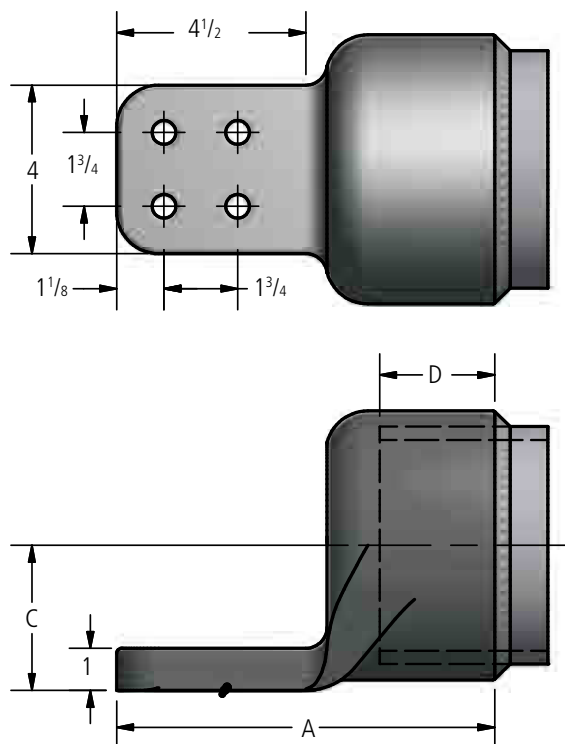
DOSSERT® TYPE 34200E-EHV

Terminal Connector, Welded, Offset

Terminal is designed to be corona free for 345 kV and 500 kV service when pad covers are used to shield terminal hardware. Pad covers are not supplied with terminal; see catalog 4040 EHV pad covers on page 514. Aluminum terminal can be connected to aluminum or copper terminals.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS & EPHS	DIMENSIONS IN INCHES				NOMINAL WEIGHT
		A	B	C	D	
34208EEHV	3	7.62	4.12	2.62	1.75	2.9
34209EEHV	3 1/2	8.19	4.69	2.94	2.00	3.5
34210EEHV	4	8.44	5.19	3.25	2.25	4.2
34212EEHV	5	9.00	6.38	3.44	2.75	6.0
34213EEHV	6	9.50	7.56	4.25	3.25	8.1

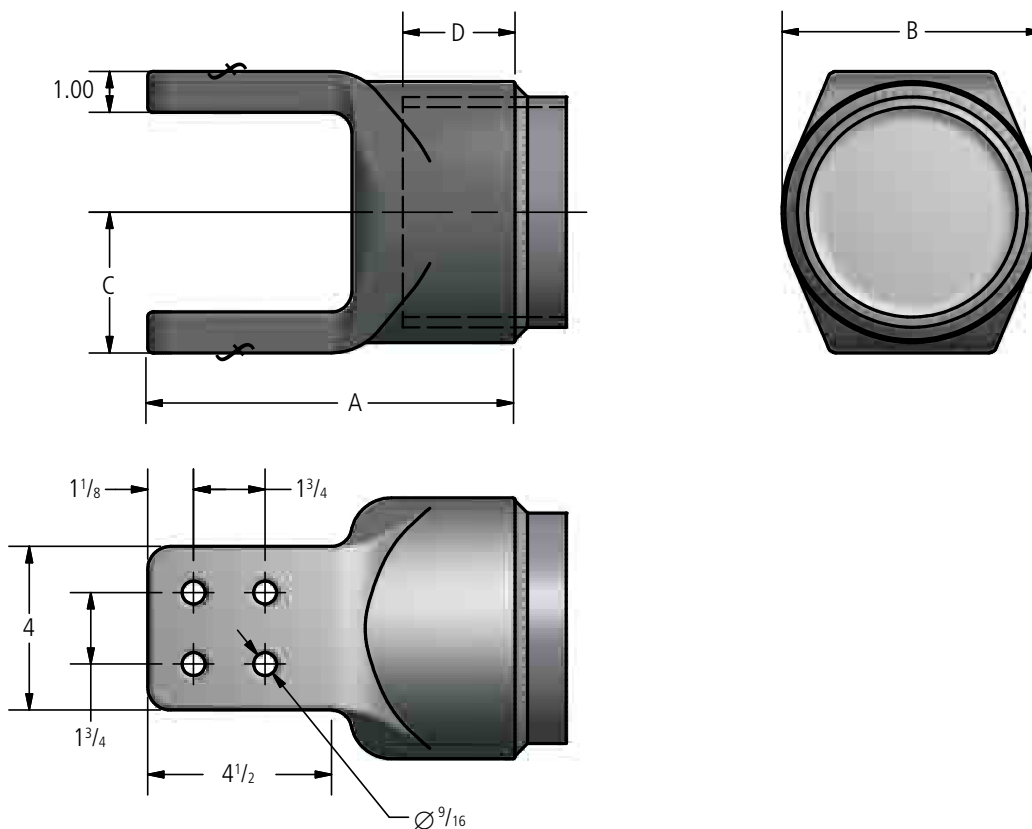
DOSSERT® TYPE 34300-EHV

Tube to Flat

Double terminal is designed to be corona free for 345 kV and 500 kV service when pad covers are used to shield terminal hardware.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE SCH40 & SCH80	DIMENSIONS IN INCHES				NOMINAL WEIGHT
		A	B	C	D	
34308E-EHV	3	7.62	4.12	2.62	1.75	5.20
34309E-EHV	3 1/2	8.19	4.69	2.94	2.00	5.90
34310E-EHV	4	8.44	5.19	3.25	2.25	6.20
34312E-EHV	5	9.00	6.38	3.44	2.75	8.30
34313E-EHV	6	9.50	7.56	4.25	3.25	9.50

DOSSERT® TYPE APTV-N-V-AA

Terminal Connector

Expands one NEMA pad to two NEMA pad. Designed for 500 kV service. Useful for connecting twin lines.

Material

Aluminum

Notes

For hardware shield, add "-CSB" to catalog number order: APTV4N4-18-V-CSB-AA.

For mounting hardware, add "-THM" to catalog number order: APTV4N4-18-V-THM-AA.

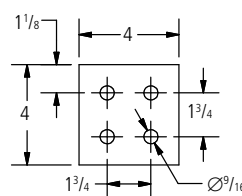
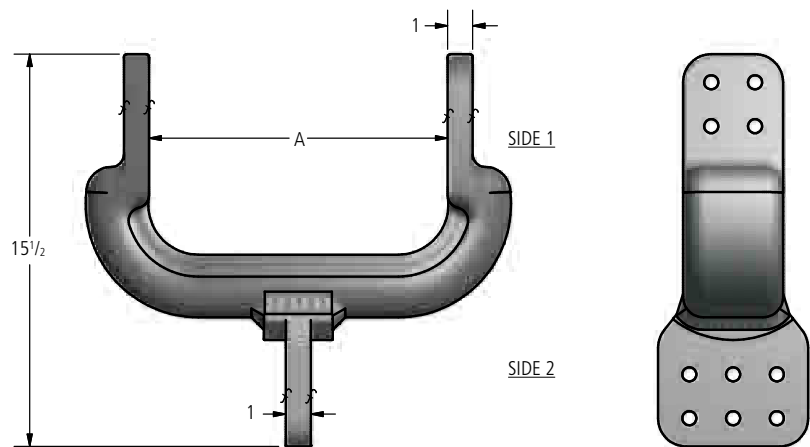


FIG 1

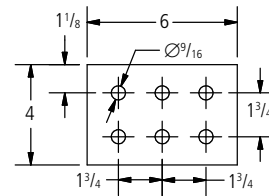


FIG 2

Ordering Information

CATALOG NUMBER	FIGURE NUMBER		DIMENSIONS IN INCHES
	SIDE 1	SIDE 2	A
APTV-4N4-6-V-AA	1	1	6
APTV-4N4-8-V-AA	1	1	8
APTV-4N4-10-V-AA	1	1	10
APTV-4N4-12-V-AA	1	1	12
APTV-4N4-6N4-12-V-AA	1	2	12
APTV-4N4-14-V-AA	1	1	14
APTV-4N4-16-V-AA	1	1	16
APTV-4N4-18-V-AA	1	1	18

DOSSERT® TYPE APT-N-V-AA

Terminal Connector

Expands one NEMA pad to two NEMA pad. Designed for 500 kV service. Useful for connecting twin lines.

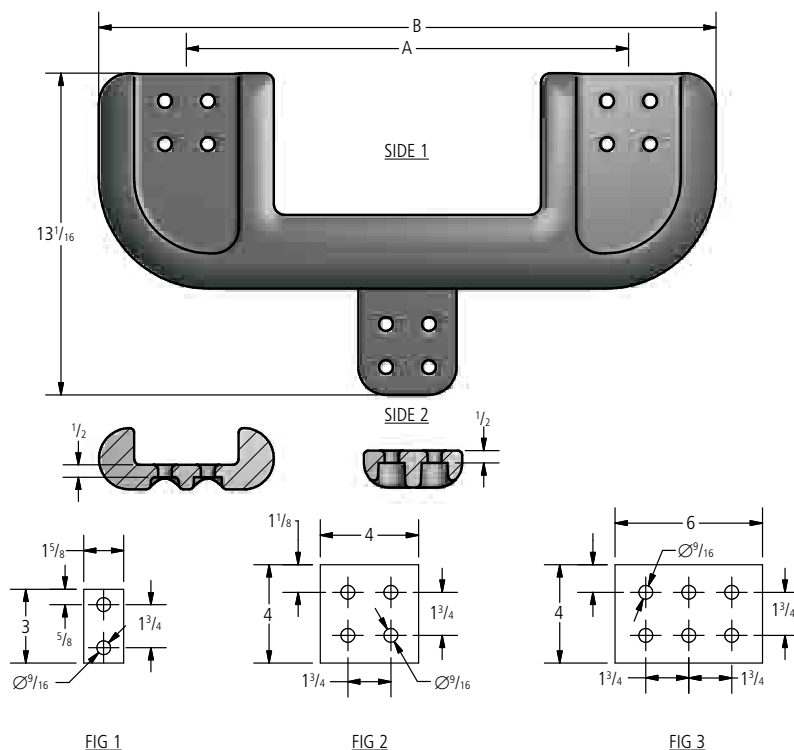
Material

Aluminum

Notes

For hardware shield, add "-CSB" to catalog number order: APT6N4-18-V-CSB-AA.

For mounting hardware, add "-THM" to catalog number order: APT6N4-18-V-THM-AA.



Ordering Information

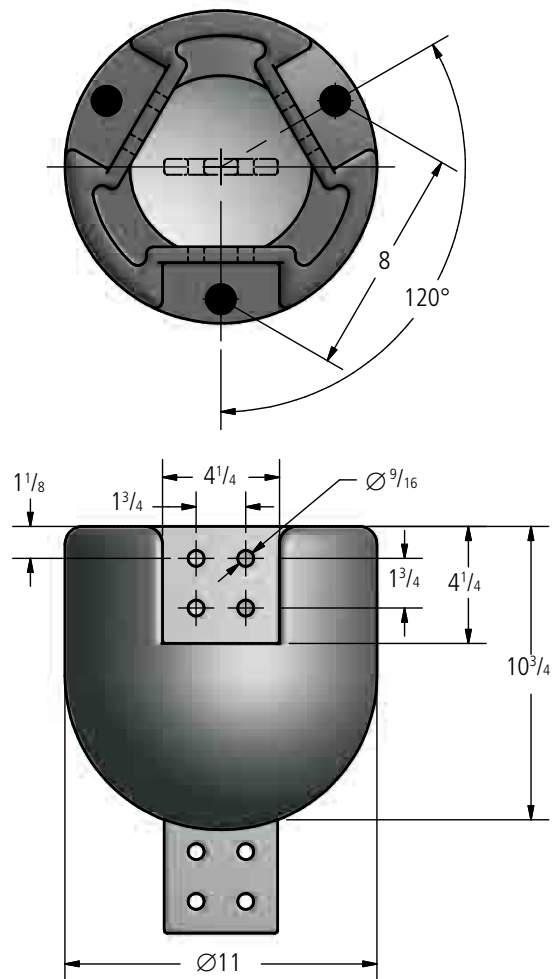
CATALOG NUMBER	FIGURE NUMBER		DIMENSIONS IN INCHES	
	SIDE 1	SIDE 2	A	B
APT2N4-8-V-AA	1	2	8	15 1/8
APT4N4-8-V-AA	2	2	8	15 1/8
APT4N4-12-V-AA	2	2	12	19 1/8
APT4N4-18-V-AA	2	2	18	25 1/8
APT4N4-6N4-8-V-AA	2	3	8	15 1/8
APT4N4-6N4-12-V-AA	2	3	12	19 1/8
APT6N4-18-V-AA	3	3	18	27 1/8

**DOSSERT®
TYPE TWTC-4N4-8-V-AA****Three-Way Terminal Connector**

Connects one four-hole or six-hole terminal to three four-hole terminals. 3600 amps @ 30° rise over 40° ambient; 3848 amps @ 40° rise over 40° ambient; 4082 amps @ 50° rise over 40° ambient. Designed for 500 kV service.

Material

Aluminum Alloy

**Ordering Information**

Customer to order by catalog number **TWTC-4N4-8-V-AA**.

DOSSERT® TYPE 34994E, 34995E-EHV

Bi-conductor and tri-conductor terminal is designed to be corona free for 345 kV and 500 kV service. Aluminum terminal can be connected to aluminum or copper terminals; pad conforms to NEMA standards. Bi-conductor and tri-conductor terminal is furnished as a complete assembly consisting of Bi-conductor and Tri-conductor terminals, two 90° EHV compression terminals and necessary aluminum hardware. Weights shown do not include compression terminals; for terminal weights and dimensions, see page ____.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.

Notes

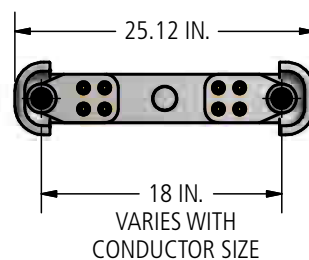
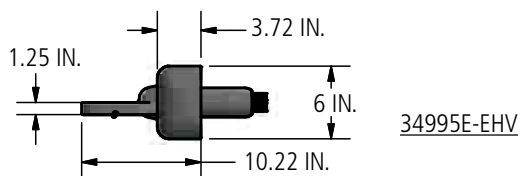
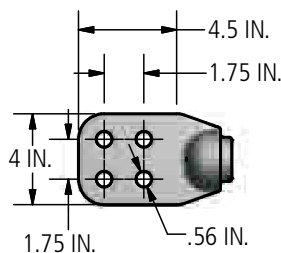
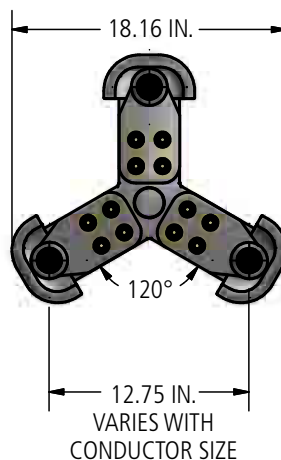
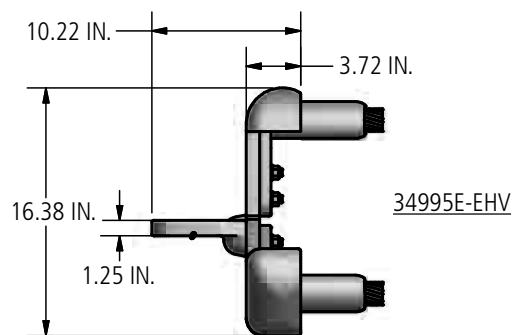
For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a Tri-conductor adapter to E pad, order: 34995EEHV.



34994E-EHV



34995E-EHV

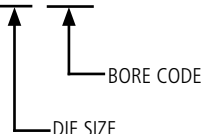


DOSSERT® TYPE 34994E, 34995E-EHV

Ordering Information

CATALOG NUMBER	NOMINAL WEIGHT
	LBS
34994EEHV.XX.YYY	13.8
34995EEHV.XX.YYY	16.0

34995EEHV.XX.YYY



CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
	AAC	1033.5	61	1.172	
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	

DOSSERT® TYPE 34994E, 34995E-EHV

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.15	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.151	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
		2750	91	1.912	

DOSSERT® TYPE 34999E-EHV

Compression Terminal Connector (Three Cables to Flat)

Tri-conductor terminal is designed to be corona free for 345 kV and 500 kV service. Aluminum terminal can be connected to aluminum or copper terminals, pad conforms to NEMA standards. Tri-conductor terminal is furnished as complete assembly consisting of tri-conductor terminal, three 90° EHV compression terminals and necessary aluminum hardware. Complete assembly is ordered by specifying catalog number and size of stranded conductor.

Material

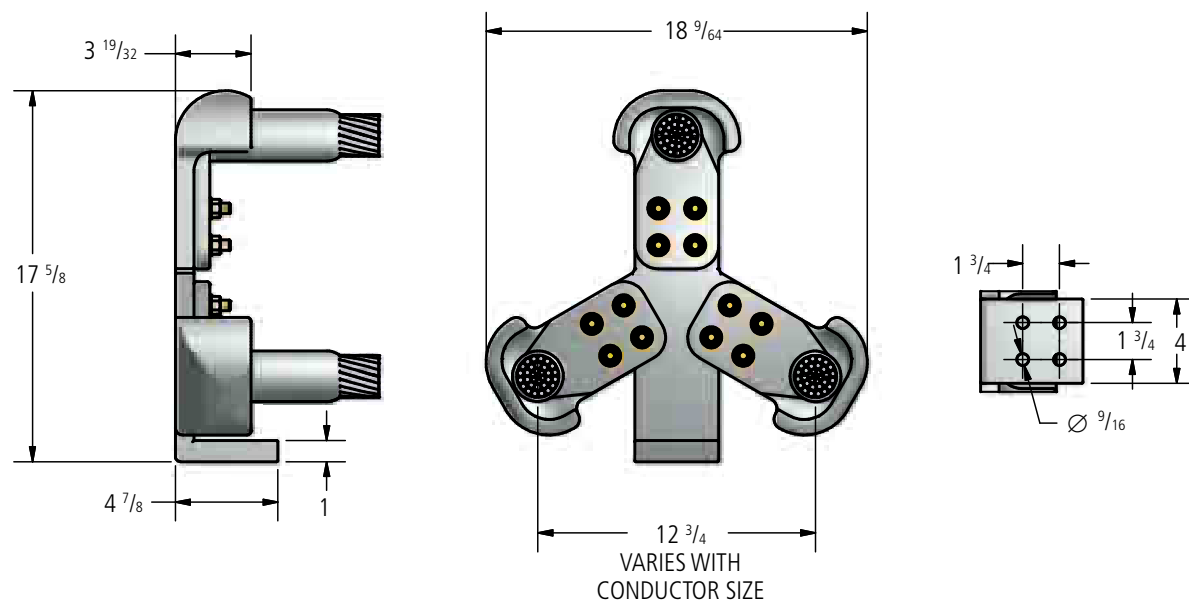
Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.

Notes

For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a Tri-conductor adapter to E pad, ORDER: 34995EEHV.



Ordering Information

CATALOG NUMBER	NOMINAL WEIGHT
	LBS
34999E-EHV-XX-YYY	16

34999EEHV.XX.YYY

↑
DIE SIZE

↑
BORE CODE

DOSSERT® TYPE 34999E-EHV

Compression Terminal Connector (Three Cables to Flat)

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
	AAC	1033.5	61	1.172	
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	

DOSSERT® TYPE 34999E-EHV

Compression Terminal Connector (Three Cables to Flat)

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.15	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.151	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
		2750	91	1.912	

DOSSERT® TYPE 33900, 34000 INLINE

Expansion terminal is designed to be corona free for 500 kV service. Aluminum terminal can be connected to aluminum or copper terminals. Terminal pad conforms to NEMA standards. Rope lay expansion member provides for 1.75" (44.5mm) of expansion or contraction. Dimension "B" shown in table includes 2.25" (57mm) "D" dimension noted on Index/General Info section, page ___, and is for an installation temperature of 68°F (20°C). For other installation temperatures, see Index/General Info section, page ___ for change in "D" dimension and adjust "B" dimension accordingly.

Material

Aluminum Alloy

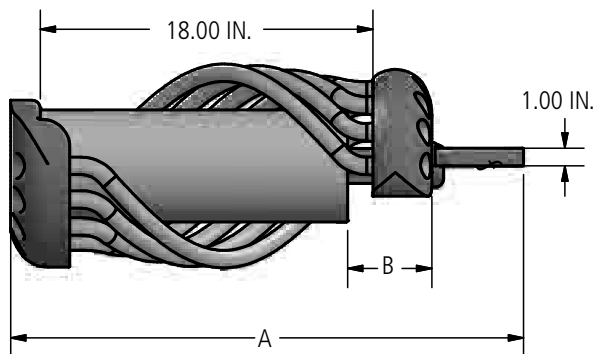


33900E-EHV

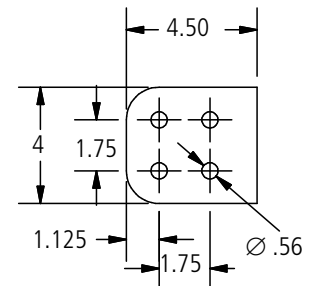
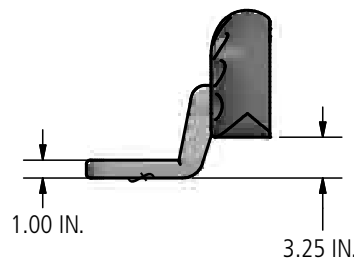


34000E-EHV

34000 SERIES
CENTER FORMED TERMINAL



33000 SERIES
OFFSET TERMINAL



Ordering Information

CATALOG NUMBER		CONDUCTOR SIZE	DIMENSIONS IN INCHES		NOMINAL WEIGHT	
OFFSET TERMINAL	CENTER FORM TERMINAL		A	B	OFFSET TERMINAL	CENTER FORM TERMINAL
-	34008EEHV	3 SPS	30.59	3.75	-	26.1
-	34028EEHV	3 EHPS	30.59	3.75	-	26
-	34009EEHV	3 1/2 SPS	31.25	3.75	-	26.6
-	34029EEHV	3 1/2 EHPS	31.25	3.75	-	26.5
33910EEHV	34010EEHV	4 SPS	31.06	3.75	28.2	27.5
33930EEHV	34030EEHV	4 EHPS	31.06	3.75	28.1	27.4
33912EEHV	34012EEHV	5 SPS	31.06	3.75	26.3	26.6
33932EEHV	34032EEHV	5 EHPS	31.06	3.75	27.9	26.8
-	34013EEHV	6 SPS	30.81	4.00	-	35.5
-	34033EEHV	6 EHPS	30.81	4.00	-	35.4

DOSSERT® TYPE 38900-EHV

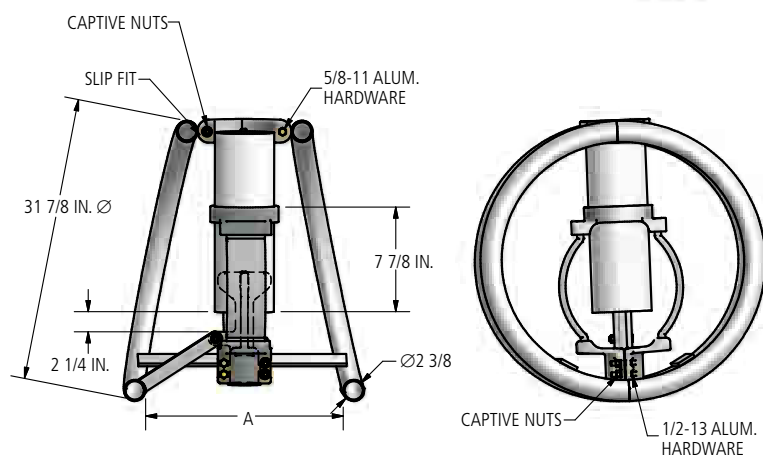
Expansion stud connector is designed to be corona free for 345 kV and 500 kV service. Laminated straps provide for 1.75" (44.5mm) expansion or contraction. Stainless steel static eliminator springs are supplied for slip fit end of corona ring assembly. Dimension "D" shown in illustration is for installation temperature of 68°F (20°C); for other installation temperatures, see Index/General Info section, pages ____.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CONDUCTOR SIZE	STUD SIZE		CATALOG NUMBERS		DIMENSIONS IN INCHES		NOMINAL WEIGHT
					A		
	DIAMETER IN INCHES	THREADS PER INCH	17" DIA. DOME	22" DIA. DOME	17" DIA. DOME	22" DIA. DOME	
3 SPS	1 1/8	12	38908.11 EHV	38928.11 EHV	18.62	22.12	36.2
3 1/2 SPS	1 1/8	12	38909.11 EHV	38929.11 EHV	18.62	22.12	37.2
4 SPS	1 1/8	12	38910.11 EHV	38930.11 EHV	18.62	22.12	41.9
3 SPS	1 1/2	12	38908.14 EHV	38928.14 EHV	18.62	22.12	38.2
3 1/2 SPS	1 1/2	12	38909.14 EHV	38929.14 EHV	18.62	22.12	39.2
4 SPS	1 1/2	12	38910.14 EHV	38930.14 EHV	18.62	22.12	43.9
5 SPS	1 1/2	12	38912.14 EHV	38932.14 EHV	18.62	22.12	48.1
4 SPS	2	12	38910.20 EHV	38930.20 EHV	18.62	22.12	46.1
4 EHPS	2	12	38920.20 EHV	38940.20 EHV	18.62	22.12	46.0
5 SPS	2	12	38912.20 EHV	38932.20 EHV	18.62	22.12	50.3
5 EHPS	2	12	38922.20 EHV	38942.20 EHV	18.62	22.12	50.2
6 SPS	2	12	38913.20 EHV	38933.20 EHV	18.62	22.12	55.4
6 EHPS	2	12	38923.20 EHV	38943.20 EHV	18.62	22.12	55.3
4 SPS	2 1/2	12	38910.24 EHV	38930.24 EHV	18.62	22.12	47.2
4 EHPS	2 1/2	12	38920.24 EHV	38940.24 EHV	18.62	22.12	47.1
5 SPS	2 1/2	12	38912.24 EHV	38932.24 EHV	18.62	22.12	51.4
5 EHPS	2 1/2	12	38922.24 EHV	38942.24 EHV	18.62	22.12	51.3
6 SPS	2 1/2	12	38913.24 EHV	38933.24 EHV	18.62	22.12	56.5
6 EHPS	2 1/2	12	38923.24 EHV	38943.24 EHV	18.62	22.12	56.4

DOSSERT® TYPE WEPI-AA, WEPI-30-AA, WEPI-45-AA, WEPI-60-AA

Aluminum Welded Pipe Elbow

Weld elbows offer economical method for field fabrication where angular turns are required. Designed for 500 kV service. Elbows are designed with chamfer to provide ease of welding.

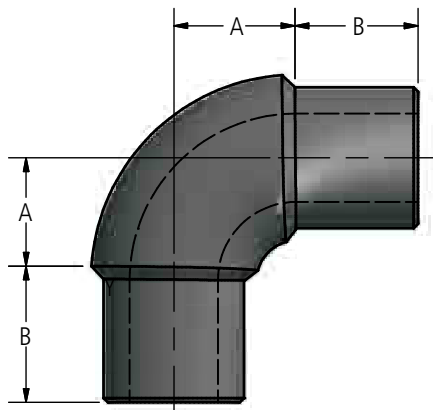
Material

Aluminum Alloy

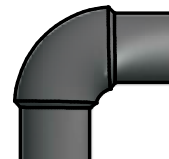
Notes

For a 30°, add '-30'; for a 45°, add '-45';
and for a 60°, add '-60' to catalog number.
Ex: WEPI75-45-AA

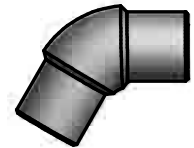
For Schedule 80, add 'E' to pipe size.
Ex: WEPI75E-AA



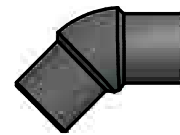
WEPI-AA



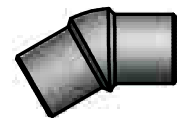
WEPI-AA



WEPI-30-AA



WEPI-45-AA



WEPI-60-AA

Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES	
SCHEDULE 40	SCHEDULE 40		A	B
WEPI75-AA	WEPI75E-AA	3/4	1	3/4
WEPI100-AA	WEPI100E-AA	1	1 3/16	3/4
WEPI125-AA	WEPI125E-AA	1 1/4	1 3/8	1
WEPI150-AA	WEPI150E-AA	1 1/2	1 9/16	1
WEPI200-AA	WEPI200E-AA	2	2	1 3/4
WEPI250-AA	WEPI250E-AA	2 1/2	2 5/16	1 3/4
WEPI300-AA	WEPI300E-AA	3	2 11/16	1 3/4
WEPI350-AA	WEPI350E-AA	3 1/2	2 15/16	1 3/4
WEPI400-AA	WEPI400E-AA	4	3 3/16	2
WEPI500-AA	WEPI500E-AA	5	3 7/8	2 1/2
WEPI600-AA	WEPI600E-AA	6	4 3/8	2 3/4

DOSSERT® TYPE 35400, 35500

WeldElbows are designed to be corona free for 345 kV and 500 kV service. Elbow is designed to be welded on outside of pipe allowing use on both schedule 40 and schedule 80 pipe. Socket design allows for slight inaccuracies in field cut length of pipe.

Material

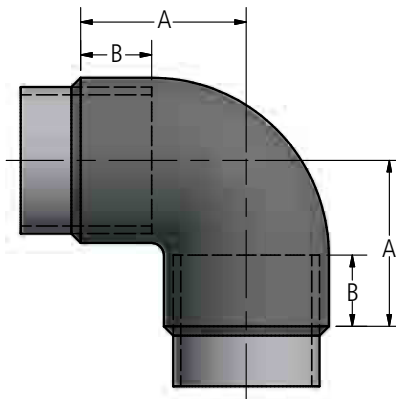
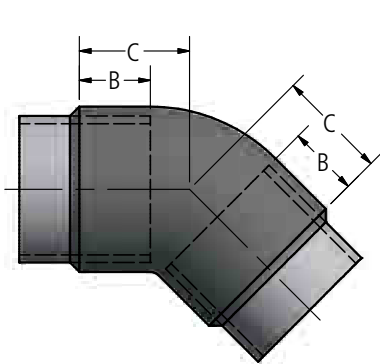
Aluminum Alloy



35400



35500



Ordering Information

CATALOG NUMBER		CONDUCTOR SIZE SPS/EPHS	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS	
45 DEG	90 DEG		A	B	C	45 DEG	90 DEG
35408EHV	35508EHV	3	4.16	1.75	2.75	1.8	2.4
35409EHV	35509EHV	3 1/2	4.72	2.00	3.12	2.6	3.6
35410EHV	35510EHV	4	5.28	2.25	3.50	3.6	4.8
35412EHV	35512EHV	5	6.44	2.75	4.28	5.8	7.8
35413EHV	35513EHV	6	7.59	3.25	5.05	9.4	12.8

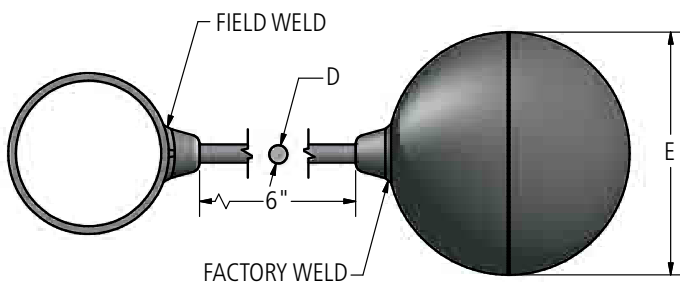
DOSSERT[®] TYPE WGP HV-AA

Ground Jumper

Welded ground stud is designed to be corona free for 345 kV and 500 kV service. Design of ground studs is such that then can be welded to 3" through 6" SPS pipe size.

Material

Aluminum Alloy



345/500 kV
Ground Jumpers

Ordering Information

CATALOG NUMBER	SPS / EHPS	DIMENSIONS IN INCHES	
		D	E
WGPHV250-AA	2 1/2	3/4	8
WGPHV300-AA	3	3/4	8
WGPHV300-12-AA	3	3/4	12
WGPHV350-AA	3.5	3/4	8
WGPHV400-AA	4	3/4	8
WGPHV400-10-AA	4	3/4	10
WGPHV400-12-R87-AA	4	7/8	12
WGPHV500-AA	5	3/4	10
WGPHV500-10-AA	5	3/4	12
WGPHV500-R81-AA	5	13/16	10
WGPHV600-AA	6	3/4	10
WGPHV600-12-AA	6	3/4	12
WGPHV600-R81-AA	6	13/16	10
WGPHV800-AA	8	3/4	13
WGPHV800R-AA	8 O.D.	3/4	13

DOSSERT® TYPE 34600-EHV

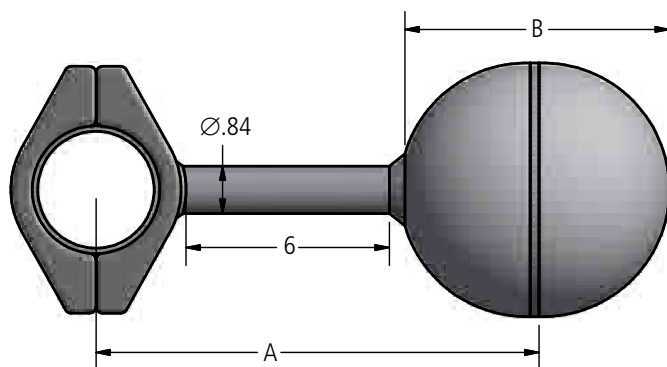
Bolted ground stud is designed to be corona free for 345 kV and 500 kV service as noted in table. Bolted design provides ease of removal for future expansion or relocation.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



Ordering Information

CATALOG NUMBER	SPS / EHPS	DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
		A	B	
345 KV				
34668 EHV	3	16.31	7.06	5.2
34669 EHV	3 1/2	16.56	7.06	5.3
34670 EHV	4	16.81	7.06	5.5
34672 EHV	5	17.34	7.06	5.8
34673 EHV	6	17.87	7.06	6.4
500 KV				
34688 EHV	3	21.25	12	13.3
34689 EHV	3 1/2	21.50	12	13.4
34690 EHV	4	21.75	12	13.6
34692 EHV	5	22.28	12	13.9
34693 EHV	6	22.81	12	14.5

DOSSERT® TYPE 34650-EHV

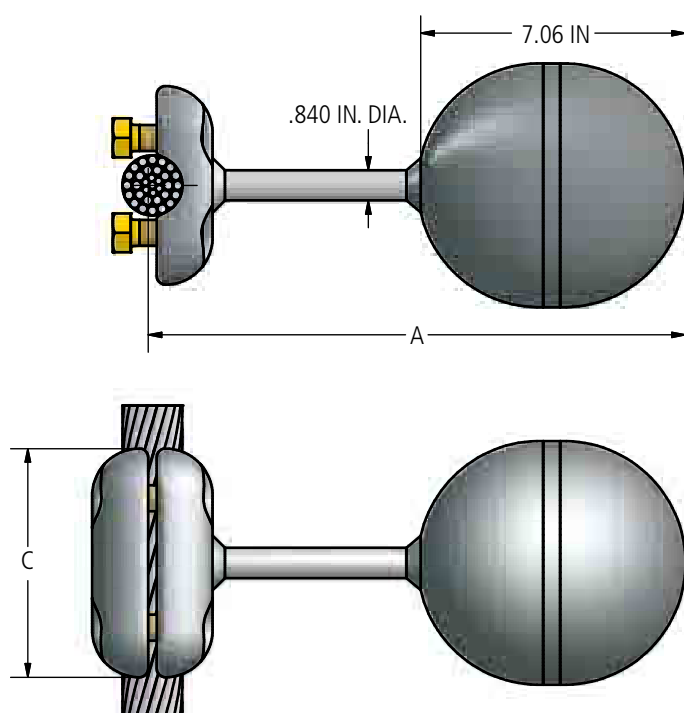
Bolted conductor ground stud is designed to have better corona characteristics than the conductor on which it is installed. Designed for 500 kV service. Bolted design provides ease of removal for future expansion or relocation. Ground stud is ordered by specifying catalog number and conductor.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



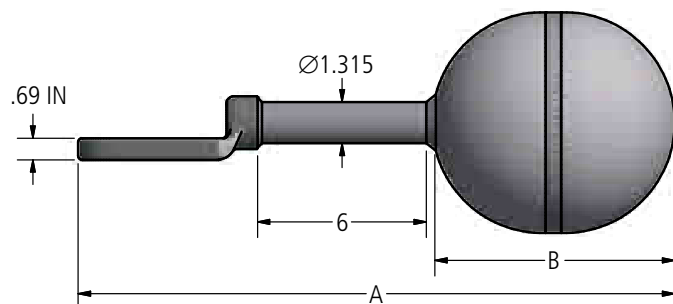
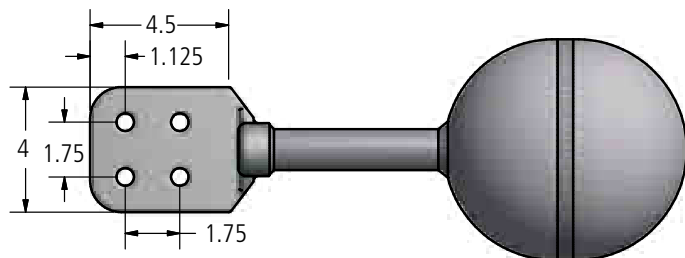
Ordering Information

CATALOG NUMBER	MAX CONDUCTOR DIAMETER	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
		A	C	BOLT SIZE	
34653 EHV	1.226	15.25	5.00	5/8	7.8
34654 EHV	1.475	15.38	5.50	5/8	8.8
64655 EHV	1.850	15.75	5.75	3/4	13.3

DOSSERT® TYPE 34620-EHV

Ground stud is designed to be corona free for 345 kV or 500 kV service, as noted in table, when pad covers are used to shield terminal hardware.

345/500 kV
Ground Jumpers



Ordering Information

CATALOG NUMBER	DIMENSIONS IN INCHES		VOLTAGE RATING	NOMINAL WEIGHT LBS
	A	B		
34620-EHV	21.50	7.06	345 kV	4.7
34625-EHV	26.19	12.00	500 kV	13.6

DOSSERT® TYPE 1800-EHV

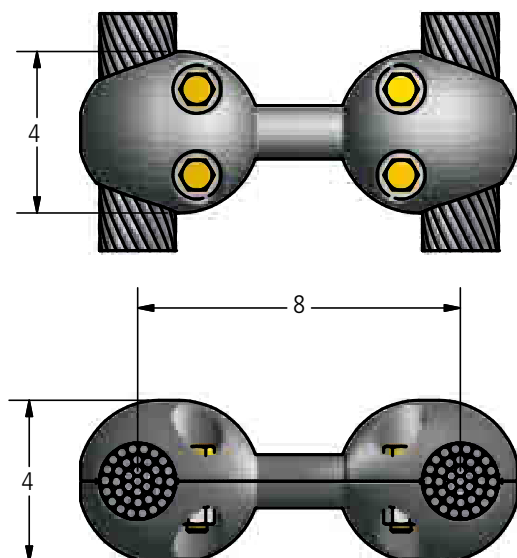
Spacer is designed to be corona free for 500 kV service. Spacer is supplied with break-away head bolts to ensure correct installation.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts and lockwashers.



Ordering Information

CATALOG NUMBER	CABLE RANGE			NOMINAL WEIGHT LBS
	DIAMETER	AAC	ACSR	
1800.08EHV	1.438 - 1.518	1590	1431 (54/19) - 1590 (45/7)	3.4
1801.08EHV	1.519 - 1.599	1750	1590 (54/19)	3.4
1802.08EHV	1.600 - 1.680	2000	1780 (84/19)	3.0
1803.08EHV	1.681 - 1.762	2250	2034 (72/7) - 2156 (84/19)	3.0
1804.08EHV	1.763 - 1.843	2500	2312 (76/19)	3.0

DOSSERT® TYPE CAS-V-AA

Cable Spacer for Two Cables

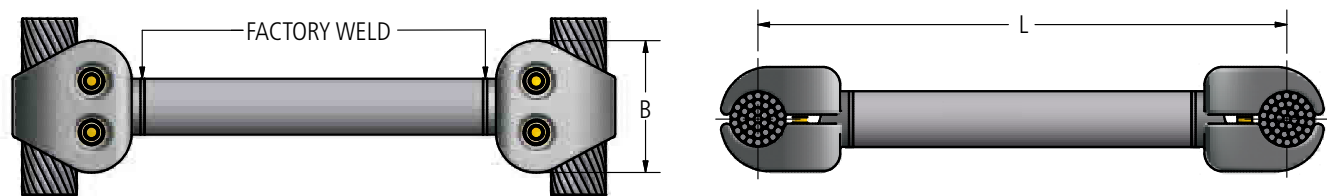
Spacer is designed to be corona free for 500 kV service. Spacer is supplied with break-away head bolts to ensure correct installation.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, lockwashers, and rubber retainers.



Ordering Information

CATALOG NUMBER	CABLE RANGE			DIMENSIONS IN INCHES		NO. OF BOLTS
	MIN	MAX	ACSR	B	L	
CAS79-6-V-AA	750 MCM	795 MCM	636 (18/1; 24/7; 26/7)	2	6	2
CAS79-6.5-V-AA	750 MCM	795 MCM	636 (18/1; 24/7; 26/7)	2	6 1/2	2
CAS79-7-V-AA	750 MCM	795 MCM	636 (18/1; 24/7; 26/7)	2	7	2
CAS79-8-V-AA	750 MCM	795 MCM	636 (18/1; 24/7; 26/7)	2	8	2
CAS79-12-V-AA	750 MCM	795 MCM	636 (18/1; 24/7; 26/7)	2	12	2
CAS79-18-V-AA	750 MCM	795 MCM	636 (18/1; 24/7; 26/7)	2	18	2
CAS95-6-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	6	2
CAS95-6.5-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	6 1/2	2
CAS95-7-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	7	2
CAS95-8-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	8	2
CAS95-10-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	10	2
CAS95-11-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	11	2
CAS95-12-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	12	2
CAS95-18-V-AA	800 MCM	954 MCM	795 (45/7; 24/7; 26/7)	2	18	2
CAS103-8-V-AA	1000 MCM	1033.5 MCM	954 (45/7; 54/7)	2	8	2
CAS103-9-V-AA	1000 MCM	1033.5 MCM	954 (45/7; 54/7)	2	9	2
CAS103-10-V-AA	1000 MCM	1033.5 MCM	954 (45/7; 54/7)	2	10	2
CAS103-12-V-AA	1000 MCM	1033.5 MCM	954 (45/7; 54/7)	2	12	2
CAS103-18-V-AA	1000 MCM	1033.5 MCM	954 (45/7; 54/7)	2	18	2
CAS127-6-V-AA	1113 MCM	1272 MCM	1113 (45/7; 54/19)	4 1/2	6	4
CAS127-6.5-V-AA	1113 MCM	1272 MCM	1113 (45/7; 54/19)	4 1/2	6 1/2	4
CAS127-12-V-AA	1113 MCM	1272 MCM	1113 (45/7; 54/19)	4 1/2	12	4

DOSSERT® TYPE CAS-V-AA

Cable Spacer for Two Cables

Ordering Information (cont.)

CATALOG NUMBER	CABLE RANGE			DIMENSIONS IN INCHES		NO. OF BOLTS
	MIN	MAX	ACSR	B	L	
CAS127-16-V-AA	1113 MCM	1272 MCM	1113 (45/7; 54/19)	4 1/2	16	4
CAS127-18-V-AA	1113 MCM	1272 MCM	1113 (45/7; 54/19)	4 1/2	18	4
CAS143-6-V-AA	1300 MCM	1431 MCM	1272 (45/7; 54/19)	4 1/2	6	4
CAS143-6.5-V-AA	1300 MCM	1431 MCM	1272 (45/7; 54/19)	4 1/2	6 1/2	4
CAS143-8-V-AA	1300 MCM	1431 MCM	1272 (45/7; 54/19)	4 1/2	8	4
CAS143-12-V-AA	1300 MCM	1431 MCM	1272 (45/7; 54/19)	4 1/2	12	4
CAS143-13-V-AA	1300 MCM	1431 MCM	1272 (45/7; 54/19)	4 1/2	13	4
CAS143-18-V-AA	1300 MCM	1431 MCM	1272 (45/7; 54/19)	4 1/2	18	4
CAS160-6.5-V-AA	1500 MCM	1600 MCM, 1272 Rope L.	1431 (45/7; 54/19)	4 1/2	6 1/2	4
CAS160-8-V-AA	1500 MCM	1600 MCM, 1272 Rope L.	1431 (45/7; 54/19)	4 1/2	8	4
CAS160-11-V-AA	1500 MCM	1600 MCM, 1272 Rope L.	1431 (45/7; 54/19)	4 1/2	11	4
CAS160-12-V-AA	1500 MCM	1600 MCM, 1272 Rope L.	1431 (45/7; 54/19)	4 1/2	12	4
CAS160-18-V-AA	1500 MCM	1600 MCM, 1272 Rope L.	1431 (45/7; 54/19)	4 1/2	18	4
CAS180-8-V-AA	1700 MCM	1800 MCM	1590 (45/7; 54/19)	4 1/2	8	4
CAS180-11-V-AA	1700 MCM	1800 MCM	1590 (45/7; 54/19)	4 1/2	11	4
CAS180-12-V-AA	1700 MCM	1800 MCM	1590 (45/7; 54/19)	4 1/2	12	4
CAS180-18-V-AA	1700 MCM	1800 MCM	1590 (45/7; 54/19)	4 1/2	18	4
CAS205-8-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	8	4
CAS205-12-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	12	4
CAS205-13-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	13	4
CAS205-15-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	15	4
CAS205-18-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	18	4
CAS205-24-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	24	4
CAS205-42-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	42	4
CAS205-43-V-AA	2000 MCM	2049 ACAR	1780 (84/19) 2034.5 (72/7)	4 1/2	43	4
CAS250-6.5-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	6 1/2	4
CAS250-8-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	8	4
CAS250-10-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	10	4
CAS250-12-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	12	4
CAS250-13-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	13	4
CAS250-15.5-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	15 1/2	4
CAS250-18-V-AA	2250 MCM	2500 MCM	2156 (84/19) 2300 (96/19)	4 1/2	18	4
CAS275-8-V-AA	-	2750 MCM	2515 (76/19)	4 1/2	8	4
CAS275-13-V-AA	-	2750 MCM	2515 (76/19)	4 1/2	13	4
CAS275-18-V-AA	-	2750 MCM	2515 (76/19)	4 1/2	18	4

DOSSERT® TYPE CAS-N-V-AA, CAS-N-90-V-AA

Cable Spacer for Two Cables with Four-Hole NEMA Tap

Spacer is designed to be corona free for 500 kV service. Spacer is supplied with break-away head bolts to ensure correct installation.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, lockwashers, and rubber retainers.

Notes

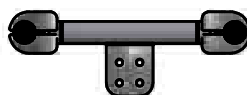
For a 90° terminal, add suffix '-90' to catalog number. For a spacer with a max of 795 MCM, an 18" gap, a 4" terminal pad, high voltage at 90°, use CAS79-18-4N4-V-90-AA.



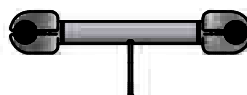
CAS-N-V-AA



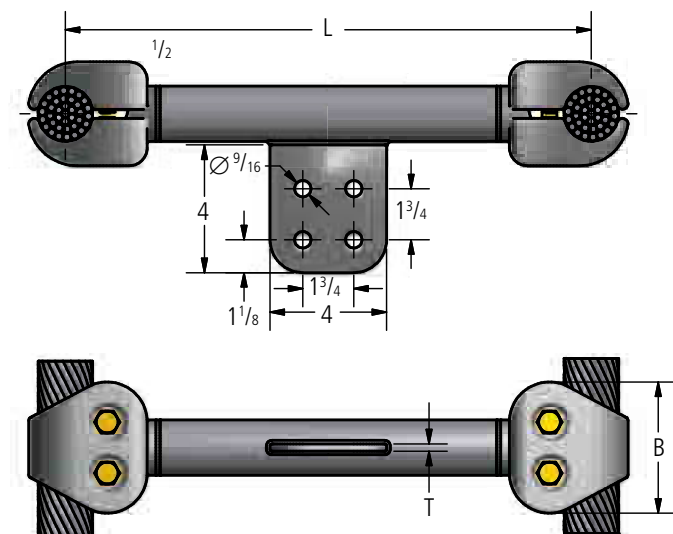
CAS-N-90-V-AA



CAS-N-V-AA



CAS-N-90-V-AA



DOSSERT® TYPE CAS-N-V-AA, CAS-N-90-V-AA

Cable Spacer for Two Cables with Four-Hole NEMA Tap
Ordering Information

CATALOG NUMBER		CABLE RANGE		DIMENSIONS IN INCHES			NO. OF BOLTS
		AAC RANGE	ACSR	B	L	T	
CAS79-6-4N4-V-AA	CAS79-6-4N4-90-V-AA	750 MCM - 795 MCM	636 (18/1)(24/7)(26/7)	2	6	1/2	2
CAS79-18-4N4-V-AA	CAS79-18-4N4-90-V-AA	750 MCM - 795 MCM	636 (18/1)(24/7)(26/7)	2	18	1/2	2
CAS95-8-4N4-V-AA	CAS95-8-4N4-90-V-AA	800 MCM - 954 MCM	795 (47/7)(24/7)(26/7)	2	8	1/2	2
CAS95-10-4N4-V-AA	CAS95-10-4N4-90-V-AA	800 MCM - 954 MCM	795 (47/7)(24/7)(26/7)	2	10	1/2	2
CAS95-12-4N4-V-AA	CAS95-12-4N4-90-V-AA	800 MCM - 954 MCM	795 (47/7)(24/7)(26/7)	2	12	1/2	2
CAS95-18-4N4-V-AA	CAS95-18-4N4-90-V-AA	800 MCM - 954 MCM	795 (47/7)(24/7)(26/7)	2	18	1/2	2
CAS103-8-4N4-V-AA	CAS103-8-4N4-90-V-AA	1000 MCM - 1033.5 MCM	954 (45/7)(54/7)	2	8	1/2	2
CAS103-12-4N4-V-AA	CAS103-12-4N4-90-V-AA	1000 MCM - 1033.5 MCM	954 (45/7)(54/7)	2	12	1/2	2
CAS103-18-4N4-V-AA	CAS103-18-4N4-90-V-AA	1000 MCM - 1033.5 MCM	954 (45/7)(54/7)	2	18	1/2	2
CAS127-8-4N4-V-AA	CAS127-8-4N4-90-V-AA	1113 MCM - 1272 MCM	1113 (45/7)(54/19)	4 1/2	8	5/8	4
CAS127-12-4N4-V-AA	CAS127-12-4N4-90-V-AA	1113 MCM - 1272 MCM	1113 (45/7)(54/19)	4 1/2	12	5/8	4
CAS127-18-4N4-V-AA	CAS127-18-4N4-90-V-AA	1113 MCM - 1272 MCM	1113 (45/7)(54/19)	4 1/2	18	5/8	4
CAS143-6-4N4-V-AA	CAS143-6-4N4-90-V-AA	1300 MCM - 1431 MCM	1272 (45/7)(54/19)	4 1/2	6	3/4	4
CAS143-8-4N4-V-AA	CAS143-8-4N4-90-V-AA	1300 MCM - 1431 MCM	1272 (45/7)(54/19)	4 1/2	8	3/4	4
CAS143-12-4N4-V-AA	CAS143-12-4N4-90-V-AA	1300 MCM - 1431 MCM	1272 (45/7)(54/19)	4 1/2	12	3/4	4
CAS143-18-4N4-V-AA	CAS143-18-4N4-90-V-AA	1300 MCM - 1431 MCM	1272 (45/7)(54/19)	4 1/2	18	3/4	4
CAS160-11-4N4-V-AA	CAS160-11-4N4-90-V-AA	1500 MCM - 1600 MCM	1431 (45/7)(54/19)	4 1/2	11	3/4	4
CAS160-12-4N4-V-AA	CAS160-12-4N4-90-V-AA	1500 MCM - 1600 MCM	1431 (45/7)(54/19)	4 1/2	12	3/4	4
CAS160-18-4N4-V-AA	CAS160-18-4N4-90-V-AA	1500 MCM - 1600 MCM	1431 (45/7)(54/19)	4 1/2	18	3/4	4
CAS180-12-4N4-V-AA	CAS180-12-4N4-90-V-AA	1700 MCM - 1800 MCM	1590 (45/7)(54/19)	4 1/2	12	3/4	4
CAS180-18-4N4-V-AA	CAS180-18-4N4-90-V-AA	1700 MCM - 1800 MCM	1590 (45/7)(54/19)	4 1/2	18	3/4	4
CAS205-8-4N4-V-AA	CAS205-8-4N4-90-V-AA	2000 MCM - 2049 MCM	1780 (84/19) 2034 (72/7)	4 1/2	8	3/4	4
CAS205-18-4N4-V-AA	CAS205-18-4N4-90-V-AA	2000 MCM - 2049 MCM	1780 (84/19) 2034 (72/7)	4 1/2	18	3/4	4
CAS250-8-4N4-V-AA	CAS250-8-4N4-90-V-AA	2250 MCM - 2500 MCM	2156 (84/19)	4 1/2	8	3/4	4
CAS250-12-4N4-V-AA	CAS250-12-4N4-90-V-AA	2250 MCM - 2500 MCM	2156 (84/19)	4 1/2	12	3/4	4
CAS250-18-4N4-V-AA	CAS250-18-4N4-90-V-AA	2250 MCM - 2500 MCM	2156 (84/19)	4 1/2	18	3/4	4
CAS275-12-4N7 1/4-V-AA	CAS275-12-4N7 1/4-90-V-AA	2650 MCM - 2750 MCM	2515 (76/19)	4 1/2	12	3/4	4
CAS275-18-4N4-V-AA	CAS275-18-4N4-90-V-AA	2650 MCM - 2750 MCM	2515 (76/19)	4 1/2	18	3/4	4

345/500 kV
Spacer Clamps

DOSSERT® TYPE 38100-EHV

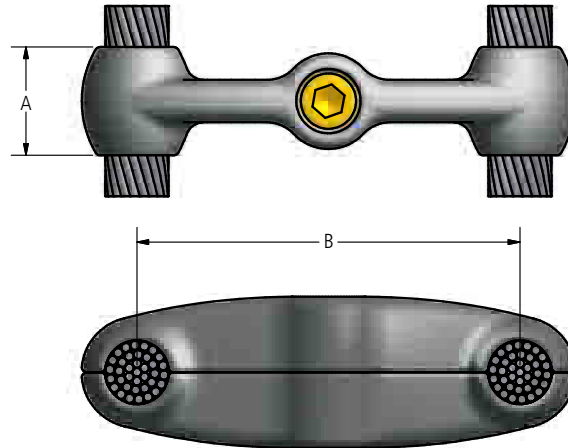
Spacer is designed to be corona free for 345 kV service. Single bolt spacer is supplied for 6.5" and 8" centerline spacing.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



Ordering Information

CATALOG NUMBER	CABLE RANGE			DIMENSIONS IN INCHES		BOLT SIZE	NOMINAL WEIGHT LBS
	DIAMETER	AAC	ACSR	A	B		
38131EHV	.938 - 1.000	700 - 750	556.5(30/7) - 636(26/7)	1.66	6.50	5/8	1.7
38161EHV	.938 - 1.000	700 - 750	556.5(30/7) - 636(26/7)	1.66	8.00	5/8	2.7
38132EHV	1.001 - 1.062	795	636(30/19) - 795(36/1)	1.75	6.50	5/8	1.6
38162EHV	1.001 - 1.062	795	636(30/19) - 795(36/1)	1.75	8.00	5/8	1.9
38133EHV	1.063 - 1.125	900 - 954	795(45/7) - 795(24/7)	1.66	6.50	5/8	1.6
38163EHV	1.063 - 1.125	900 - 954	795(45/7) - 795(24/7)	1.66	8.00	5/8	1.9
38134EHV	1.126 - 1.187	1000 - 1033.5	795(30/19) - 954(45/7)	1.44	6.50	5/8	1.6
38164EHV	1.126 - 1.187	1000 - 1033.5	795(30/19) - 954(45/7)	1.44	8.00	5/8	1.6
38135EHV	1.188 - 1.250	1113	954(54/7) - 1033.5(54/7)	2.12	6.50	5/8	1.9
38165EHV	1.188 - 1.250	1113	954(54/7) - 1033.5(54/7)	2.12	8.00	5/8	2.0
38136EHV	1.251 - 1.312	1192.5 - 1272	1113(45/7) - 1192.5(45/7)	2.12	6.50	5/8	2.0
38166EHV	1.251 - 1.312	1192.5 - 1272	1113(45/7) - 1192.5(45/7)	2.12	8.00	5/8	1.9
38137EHV	1.313 - 1.375	1351.5 - 1351.5	1192.5(54/19) - 1272(45/7)	1.91	6.50	5/8	2.9
38167EHV	1.313 - 1.375	1351.5 - 1351.5	1192.5(54/19) - 1272(45/7)	1.91	8.00	5/8	2.0
38138EHV	1.376 - 1.437	1431 - 1510.5	1272(54/19) - 1431(45/7)	2.50	6.50	3/4	3.0
38168EHV	1.376 - 1.437	1431 - 1510.5	1272(54/19) - 1431(45/7)	2.50	8.00	3/4	3.0
38139EHV	1.438 - 1.500	1590	1431(54/19) - 1510.5(45/7)	2.50	6.50	3/4	3.4
38169EHV	1.438 - 1.500	1590	1431(54/19) - 1510.5(45/7)	2.50	8.00	3/4	3.6

DOSSERT® TYPE 38400-EHV, 38500-EHV

Spacers (Cable) Recommended for Voltages up to 500 kV

Bi-spacer is designed to be corona free for 345 kV service for conductors through 1.5" diameter and 500 kV for larger diameter conductors. Tri-spacer is designed to be corona free for 500 kV service. Bi-spacer is companion to 38200 series support on page __. Tri-spacer is companion to 38300 series shown on page __. Rigid spacers are not recommended for use on transmission lines.

Material

Aluminum Alloy

Hardware

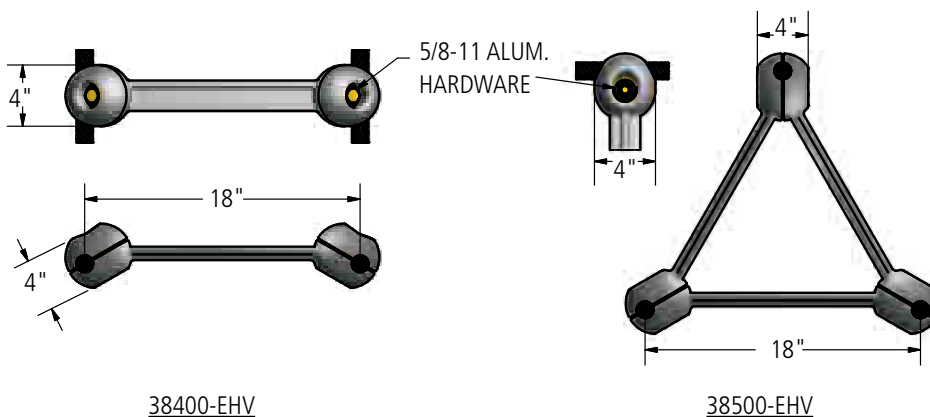
Yellow anodized aluminum bolts, nuts, and lockwashers.



38400-EHV



38500-EHV



38400-EHV

38500-EHV

Ordering Information

CATALOG NUMBER		CABLE RANGE			NOMINAL WEIGHT LBS	
BI-SPACER	TRI-SPACER	DIAMETER	AAC	ACSR	BI-SPACER	TRI-SPACER
38401EHV	38501EHV	1.001 - 1.062	795	636 (30/19) - 715 (26/7)	4.9	9.4
38402EHV	38502EHV	1.063 - 1.130	900 - 954	795 (45/7) - 795 (26/7)	5.1	10.0
38403EHV	38503EHV	1.131 - 1.196	1000 - 1033.5	900 (45/7) - 954 (54/7)	4.9	9.4
38404EHV	38504EHV	1.197 - 1.252	1113	1033 (45/7) - 1033 (54/7)	5.0	9.7
38405EHV	38505EHV	1.253 - 1.312	1192.5 - 1272	1113 (45/7) - 1192.5 (45/7)	5.0	9.7
38406EHV	38506EHV	1.313 - 1.375	1351.5	1192.5 (54/19) - 1272 (45/7)	5.0	9.7
38407EHV	38507EHV	1.376 - 1.437	1431 - 1510.5	1272 (54/19) - 1431 (45/7)	5.0	9.7
38408EHV	38508EHV	1.438 - 1.518	1590	1431 (54/19) - 1590 (45/7)	4.9	9.4
38409EHV	38509EHV	1.519 - 1.599	1750	1590 (54/19)	4.7	9.1
38410EHV	38510EHV	1.600 - 1.680	2000	1780 (84/19)	4.8	9.1
38411EHV	38511EHV	1.681 - 1.762	2250	2034 (72/7) - 2156 (84/19)	4.7	9.1
38412EHV	38512EHV	1.763 - 1.843	2500	2312 (76/19)	4.6	9.1

DOSSERT® TYPE 38300-EHV

Spacers (Cable) Recommended for Voltages up to 500 kV

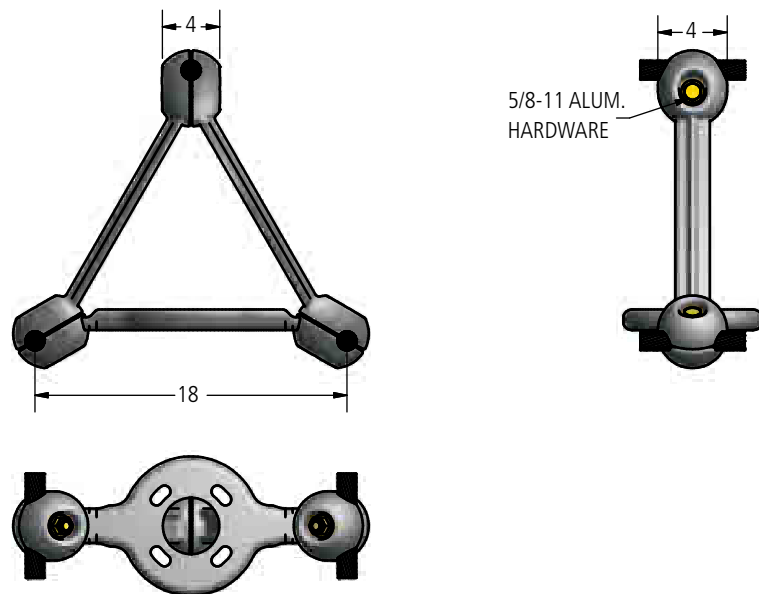
Three-Conductor strain bus support is designed to be corona free for 500 kV service. Support is companion to 38500 series tri-spacer shown on page ____.

Material

Aluminum Alloy

Mounting Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



Ordering Information

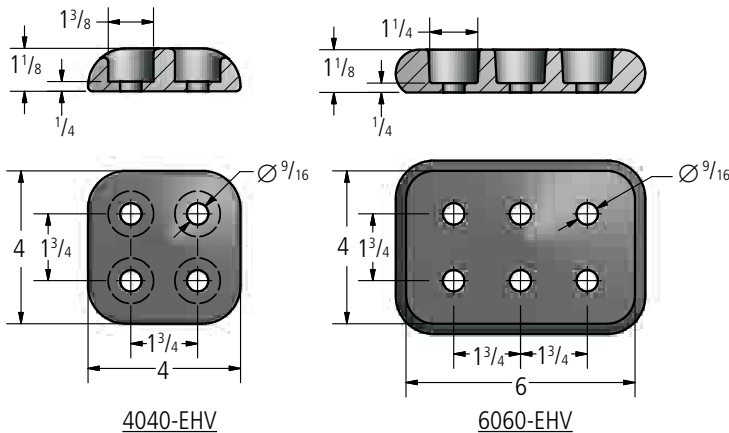
CATALOG NUMBER		CABLE RANGE		
5" BOLT CIRCLE	7" BOLT CIRCLE	DIAMETER	AAC	ACSR
38301-5EHV	38301-7EHV	1.001 - 1.062	795	636 (30/19) - 715 (26/7)
38302-5EHV	38302-7EHV	1.063 - 1.130	900 - 954	795 (45/7) - 795 (26/7)
38303-5EHV	38303-7EHV	1.131 - 1.196	1000 - 1033.5	900 (45/7) - 954 (54/7)
38304-5EHV	38304-7EHV	1.197 - 1.252	1113	1033 (45/7) - 1033 (54/7)
38305-5EHV	38305-7EHV	1.253 - 1.312	1192.5 - 1272	1113 (45/7) - 1192.5 (45/7)
38306-5EHV	38306-7EHV	1.313 - 1.375	1351.5	1192.5 (54/19) - 1272 (45/7)
38307-5EHV	38307-7EHV	1.376 - 1.437	1431 - 1510.5	1272 (54/19) - 1431 (45/7)
38308-5EHV	38308-7EHV	1.438 - 1.518	1590	1431 (54/19) - 1590 (45/7)
38309-5EHV	38309-7EHV	1.519 - 1.599	1750	1590 (54/19)
38310-5EHV	38310-7EHV	1.600 - 1.680	2000	1780 (84/19)
38311-5EHV	38311-7EHV	1.681 - 1.762	2250	2034 (72/7) - 2156 (84/19)
38312-5EHV	38312-7EHV	1.763 - 1.843	2500	2312 (76/19)

DOSSERT® TYPE CSBE-N-V-AA, 4040-EHV, 6060-EHV

Designed to be corona free for 500 kV service.

Material

Aluminum Alloy



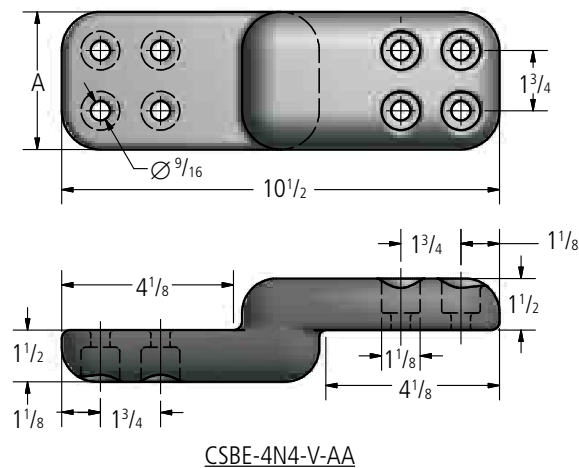
CSBE-N-V-AA



4040-EHV



6060-EHV



Ordering Information

CATALOG NUMBER	NUMBER OF HOLES	DIMENSIONS IN INCHES
		A
CSBE-4N4-V-AA	4	4
CSBE-6N4-V-AA	6	6
4040-EHV	4	-
6060-EHV	6	-

DOSSERT® TYPE PC-V-AA

Parallel Groove Clamp

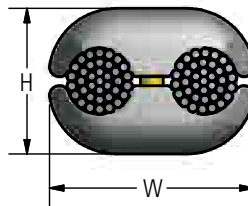
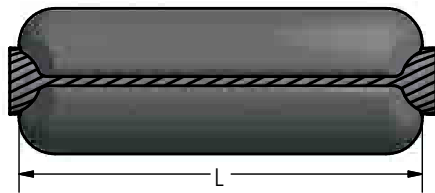
Bolted parallel croove clamp is designed to have better corona characteristics than the conductors on which it is installed. Designed for 500 kV service.

Material

Aluminum Alloy

Hardware

Aluminum nuts, bolts and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR TYPE	CABLE RANGE RUN		CABLE RANGE TAP		DIMENSIONS IN INCHES			BOLT SIZE	NO. OF BOLTS
		MIN	MAX	MIN	MAX	L	H	W		
PC80-80-V-AA	ACC	795 MCM	800 MCM	795 MCM	800 MCM	7 1/4	3 1/4	3 3/4	1/2	3
	ACSR	715.5 (24/7)	795 (36/1)	715.5 (24/7)	795 (36/1)					
PC103-103-V-AA	ACC	900 MCM	1033.5 MCM	900 MCM	1033.5 MCM	7 1/4	3 1/4	4	1/2	3
	ACSR	795 (36,1)	954 (54,7)	795 (36,1)	954 (54,7)					
PC127-103-V-AA	ACC	1113 MCM	1113 MCM	1000 MCM	1033.5 MCM	7 1/4	3 1/4	4 1/4	1/2	3
	ACSR	1113 (54/19)	1113 (54/19)	954 (54,7)	954 (54,7)					
PC127-127-V-AA	ACC	1113 MCM	1272 MCM	1113 MCM	1272 MCM	7 1/4	3 1/4	4 3/8	1/2	3
	ACSR	1113 (45/7)	1113 (54/19)	1113 (45/7)	1113 (54/19)					
PC130-80-V-AA	ACC	1272 MCM	1351.5 MCM	795 MCM	800 MCM	7 1/4	3 1/4	4 1/8	1/2	3
PC130-130-V-AA	ACC	1272 MCM	1351.5 MCM	1272 MCM	1351.5 MCM	7 1/4	3 1/4	4 3/8	1/2	3
PC160-160-V-AA	ACC	1590 MCM	1600 MCM	1590 MCM	1600 MCM	8 3/4	3 1/2	4 7/8	5/8	3
	ACSR	1431 (54/19)	1510.5 (45/7)	1431 (54/19)	1510.5 (45/7)					
PC205-65-V-AA	ACC	-	2000 MCM	600 MCM	650 MCM	7 1/4	3 3/8	4 3/8	1/2	3
	ACSR	1780 (84/19)	2034.5 (72/7)	477 (26/7)	556.5 (27/7)					
PC205-205-V-AA	ACC	-	2000 MCM	-	2000 MCM	8 3/4	3 1/2	5	5/8	3
	ACSR	1780 (84/19)	2034.5 (72/7)	1780 (84/19)	2034.5 (72/7)					
PC216A-216A-V-AA	ACC	2250 MCM	2500 MCM	2250 MCM	2500 MCM	11	4	5 1/2	5/8	4
	ACSR	2156 (84/19)	2167 (72/7)	2156 (84/19)	2167 (72/7)					
PC275-275-V-AA	ACC	-	2750 MCM	-	2750 MCM	11	4 1/8	5 5/8	5/8	4
	ACSR	-	2515 (76/19)	-	2515 (76/19)					

DOSSERT® TYPE 35600-EHV

Parallel Groove Clamp

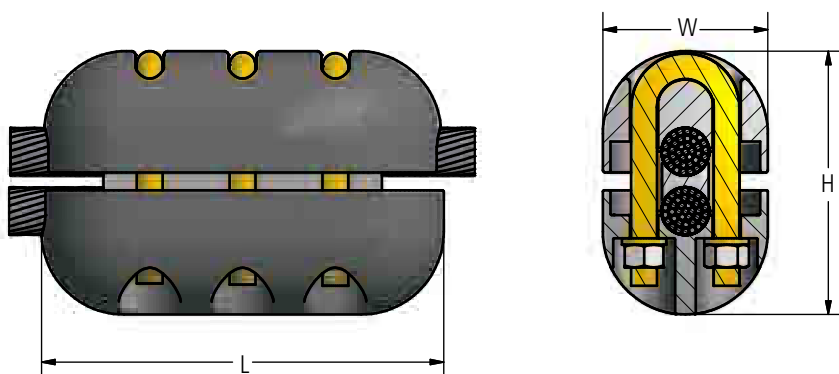
Bolted parallel groove clamp designed to have better corona characteristics than the conductors on which it is installed.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, U-bolts and lockwashers.



Ordering Information

CATALOG NUMBER	CONDUCTOR DIAMETER	DIMENSIONS IN INCHES			NO. OF BOLTS	NOMINAL WEIGHT LBS
		L	W	H		
35626 EHV	1.162	9.75	4.00	6.38	3	9.4
35627 EHV	1.569	11.75	5.00	6.94	3	14.5
35628 EHV	1.757	14.75	5.00	7.16	4	17.4

DOSSERT® TYPE SCB-F-V-AA

Stud Connector

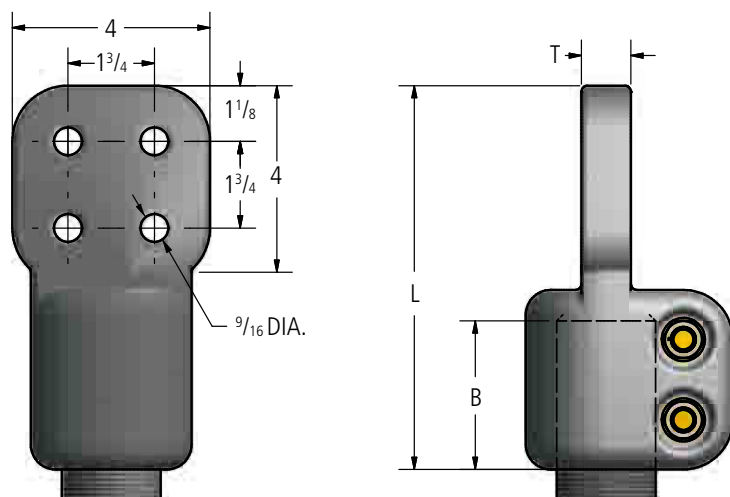
The pad is finished on both sides. Can be furnished to accommodate stud diameters or threads per inch other than listed below. Designed for 500 kV service.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts and lockwashers.



Ordering Information

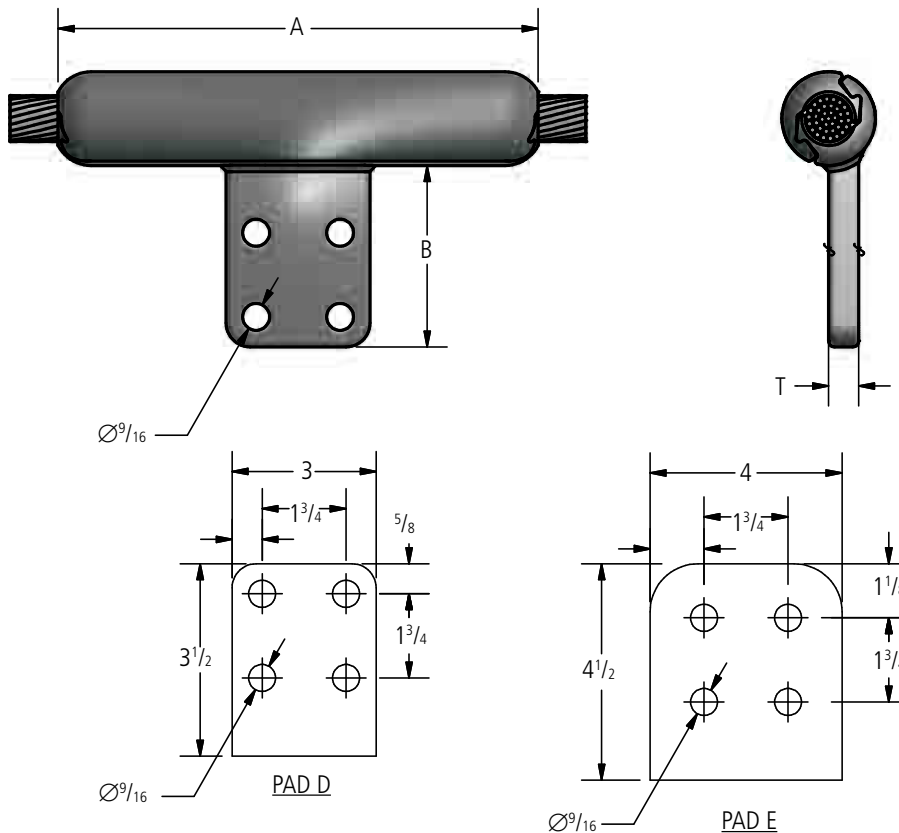
CATALOG NUMBER	STUD SIZE		DIMENSIONS IN INCHES			BOLT SIZE
	DIAMETER	THREADS PER INCH	B	L	T	
SCB112-1/2F-4N4-V-T12-AA	1 1/8	12	2 3/4	7 1/2	1/2	1/2
SCB175-1F-4N4-V-T12-AA	1 3/4	12	3	7 3/4	1	1/2
SCB150-3/4F-4N4-V-T12-AA	1 1/2	12	3	7 3/4	3/4	1/2
SCB200-3/4F-4N4-V-T12-AA	2	12	3	7 3/4	3/4	1/2
SCB200-1F-4N4-V-T12-AA	2	12	3	7 3/4	1	1/2
SCB300-3/4F-4N4-V-T12-AA	3	12	3 1/4	8 1/8	3/4	1/2
SCB300-1F-4N4-V-T12-AA	3	12	3 1/4	8 1/8	1	1/2

DOSSERT® Type 2800-EHV, 5300-EHV

Substation tee connector is designed for limited space application as found in substations. Run length is shorter than conventional tee taps which saves space and allows faster installation. Tee tap is installed with standard AFL hex dies.

Material

Aluminum Alloy



Ordering Information

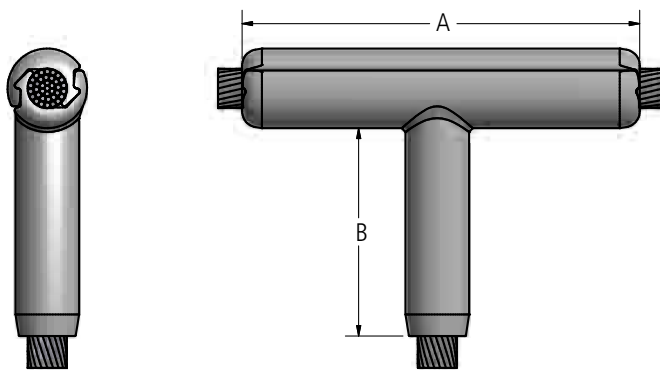
CATALOG NUMBER	CONDUCTOR RANGE		DIE SIZE	ALTERNATE CATALOG NUMBER	ALTERNATE PAD SIZE	DIMENSIONS IN INCHES			NOMINAL WEIGHT
	DIAMETER	AAC				A	T	B	
2830.1 EHV	1.021 - 1.196	795 - 1033.5 kcmil	30AH	2830.1E EHV	E	10.00	0.62	4.00	2.6
2834.1 EHV	1.140 - 1.319	1000 - 1300 kcmil	34AH	2834.1E EHV	E	11.50	0.62	4.00	3.4
2836.1 EHV	1.320 - 1.417	1351.5 - 1510.5 kcmil	36AH	2836.1E EHV	E	11.50	0.62	4.00	3.7
2838.1 EHV	1.412 - 1.500	1510.5 - 1590 kcmil	38AH	2838.1E EHV	E	12.00	0.62	4.00	4.3
2840.1 EHV	1.496 - 1.557	1750 kcmil	40AH	2840.1E EHV	E	12.50	0.62	4.00	4.8
2842.1 EHV	1.550 - 1.625	-	42AH	2842.1D EHV	D	14.00	0.75	4.50	6.4
2844.1 EHV	1.626 - 1.842	2250 - 2500 kcmil	44AH	2844.1D EHV	D	14.00	0.75	4.50	6.3
2848.1 EHV	1.843 - 1.996	2750 kcmil	48AH	2848.1D EHV	D	16.00	0.75	4.50	7.1

DOSSERT® Type 2900-EHV

Substation tee connector is designed for limited space application as found in substations. Designed for 500 kV service. Run and tap lengths are shorter than conventional tee connectors which saves space and minimizes birdcaging problems. Tee connector is installed with standard AFL hex dies.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR				DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS	DIE SIZE
	RUN		TAP					
	DIAMETER	AAC RANGE	DIAMETER	AAC RANGE	A	B		
2930.1-30.1 EHV	1.021 - 1.196	795 - 1033.5	1.026 - 1.196	795 - 1033.5	10.00	5.67	2.9	30AH
2934.1-34.1 EHV	1.140 - 1.319	1000 - 1272	1.186 - 1.313	1113 - 1272	11.30	6.03	4.1	34AH
2936.1-36.1 EHV	1.340 - 1.417	1351.5 - 1510.5	1.314 - 1.399	1351.5 - 1431	11.50	6.29	4.6	36AH
2938.1-38.1 EHV	1.412 - 1.500	1510.5 - 1590	1.399 - 1.500	1510.5 - 1590	12.00	6.55	5.4	38AH
2940.1-40.1 EHV	1.496 - 1.557	1750.0	1.501 - 1.630	1750 - 2000	12.50	7.02	6.1	40AH
2942.1-42.1 EHV	1.550 - 1.625	-	1.630 - 1.681	2000	14.00	7.29	7.2	42AH
2944.1-44.1 EHV	1.626 - 1.717	2000 - 2250	1.630 - 1.681	2000	14.00	7.74	7.9	44AH
2944.2-44.2 EHV	1.718 - 1.842	2250 - 2500	1.669 - 1.823	2000 - 2500	15.00	7.74	8.1	44AH
2948.1-48.1 EHV	1.843 - 1.998	2750 - 3000	1.823 - 1.998	2500 - 3000	16.00	8.77	9.4	48AH

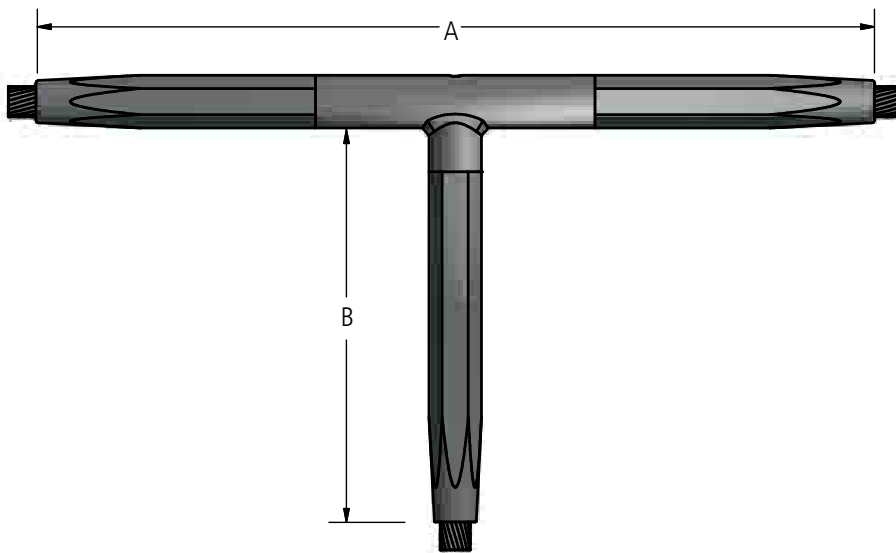
DOSSERT® TYPE 5400

Tee Connector-Closed Run Compression for Stranded AAC & ACSR Conductions

Designed for 500 kV service.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS IN INCHES		DIE SIZE
	AAC	ACSR	A	B	
5030.109	795-800	715.5(24/7)-795(36/1)	19.12	9.44	30AH
5030.116	900	795(45/7)-795(26/7)	19.12	9.44	30AH
5030.122	954-1033.5	795(30/19)-954(36/1)	19.12	9.44	30AH
5030.125	-	954(54/7)-1033.5(36/1)	19.12	9.44	30AH
5034.128	1113	1033.5(45/7)-1033.5(54/7)	20.12	10.06	34AH
5034.138	1272	1113(54/19)-1192.5(45/7)	20.12	10.06	34AH
5036.144	1351.5-1431	1192.5(54/19)-1272(45/7)	21.00	10.62	36AH
5036.147	1500-1510.5	1272(54/19)-1351.5(45/7)	21.00	10.62	36AH
5038.156	1590	1431(54/19)-1510.5(45/7)	21.88	10.62	38AH
5040.162	1750	1510.5(54/19)-1590(54/19)	22.75	11.75	40AH
5042.178	2000	1780(84/19)-2034.5(72/7)	23.62	12.38	42AH
5044.184	2338 ACAR	2156(72/7)	26.75	12.00	44AH
5044.188	2500	2312(76/19)	26.75	12.00	44AH

DOSSERT® TYPE 5500

Tee Connector – Open Run – Compression for Stranded EC & ACSR Conductors

Designed for 500 kV service.

Material

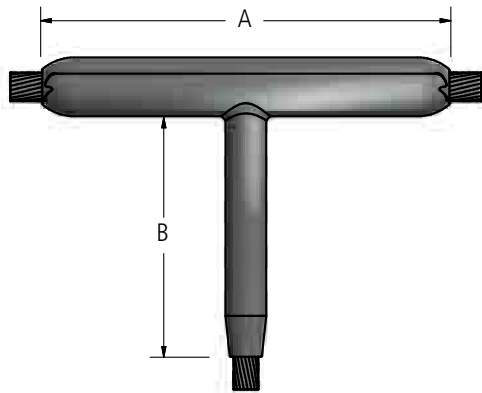
Aluminum Alloy

To order combine Run conductor catalog number with Branch catalog number.

XXXX.X - XX.XXX

Run conductor catalog number
Branch conductor catalog number

Example: for 795(36/1) Run conductor to 795(26/7)
Branch conductor order 5530.3 -30.116



Ordering Information

RUN CONDUCTOR						
CATALOG NUMBER	CONDUCTOR RANGE			DIMENSIONS IN INCHES	NOMINAL WEIGHT	DIE SIZE
	DIAMETER	AAC	ACSR	A		
5530.3	1.021-1.196	795-1033.5	715.5(24/7)-1033.5(36/1)	19.12	3.3	30AH
5534.3	1.197-1.319	1113-1300	1033.5(54/7)-1192.5(45/7)	20.12	4.5	34AH
5536.3	1.320-1.417	1351.5-1510.5	1192.5(54/19)-1351.5(45/7)	21.00	5.0	36AH
5538.3	1.412-1.500	1500-1590	1351.5(54/9)-1510.5(45/7)	21.88	5.9	38AH
5540.3	1.496-1.557	1750	1510.5(54/19)-1590(54/19)	22.75	6.6	40AH
5542.3	1.550-1.625	-	1780(84/19)	23.62	7.7	42AH
5544.3	1.626-1.842	2000-2500	2034(72/7)2312(76/19)	26.75	6.8	44AH

DOSSERT® TYPE 5500

**Tee Connector – Open Run – Compression for
Stranded EC & ACSR Conductors**

Ordering Information cont.

BRANCH CONDUCTOR					
CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS IN INCHES	NOMINAL WEIGHT	DIE SIZE
	AAC	ACSR	B		
-30.109	795-800	715.5(24/7)-795(36/1)	1.7	9.44	30AH
-30.116	900	795(45/7)-795(26/7)	1.7	9.44	30AH
-30.122	954-1033.5	795(30/19)-954(36/1)	1.7	9.44	30AH
-30.125	-	954(54/7)-1033.5(36/1)	1.7	10.06	30AH
-34.128	1113	1033.5(45/7)-1033.5(54/7)	2.2	10.06	34AH
-34.138	1272	1113(54/19)-1192.5(45/7)	2.2	10.06	34AH
-36.144	1351.5-1431	1192.5(54/19)-1272(45/7)	2.5	10.62	36AH
-36.147	1500-1510.5	1272(54/19)-1351.5(45/7)	2.5	10.62	36AH
-38.156	1590	1431(54/19)-1510.5(45/7)	3.0	11.19	38AH
-40.162	1750	1510.5(54/19)-1590(54/19)	3.4	11.75	40AH
-42.178	2000	1780(84/19)-2034.5(72/7)	3.9	12.38	42AH
-44.184	2338 ACAR	2156(72/7)	4.0	12.00	44AH
-44.188	2500	2312(76/19)	4.0	12.00	44AH

DOSSERT® TYPE 5000

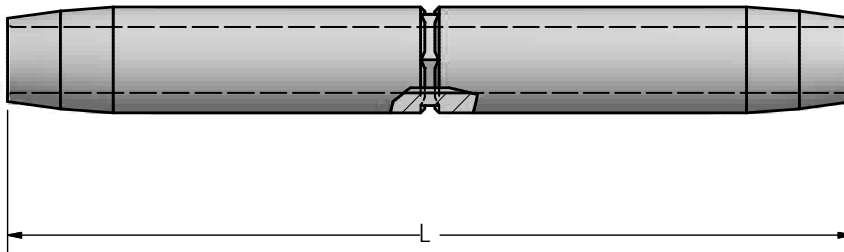
Jumper Connector-Compression

The 5000 Series Jumper Connector is designed for AAC conductors. The jumper connector is fabricated from AFL seamless drawn aluminum. All jumper connectors are designed for limited tension use, maintaining a minimum of 40% of the ASTM rated strength of the conductor on which it is being used.



Material

Aluminum Alloy



Ordering Information

CONDUCTOR SIZE			CATALOG NUMBER	DIE SIZE	NOMINAL WEIGHT	DIMENSION IN INCHES
KCM	STRAND				LBS	L
	AL.	ST.				
795.0	37 & 61	-	5030.109	30AH	2.1	13
795.0	26	7	5030.116	30AH	2.0	13
954.0	37 & 61	-	5030.122	30AH	1.8	13
954.0	45	7	5030.122	30AH	1.8	13
954.0	54	7	5030.125	30AH	1.8	13
1033.5	45	7	5034.128	34AH	2.8	14
1113.0	61	-	5034.128	34AH	2.8	14
1192.5	45	7	5034.138	34AH	2.5	14
1272.0	45	7	5036.144	36AH	3.2	15
1351.5	45	7	5036.147	36AH	3.1	15
1590.0	61 & 91	-	5038.156	38AH	3.8	16
1590.0	45	7	5040.162	40AH	4.5	17
1780.0	84	19	5042.178	42AH	4.6	17
2156.0	84	19	5044.184	44AH	5.1	17
2500.0	91	-	5044.188	44AH	5.0	17

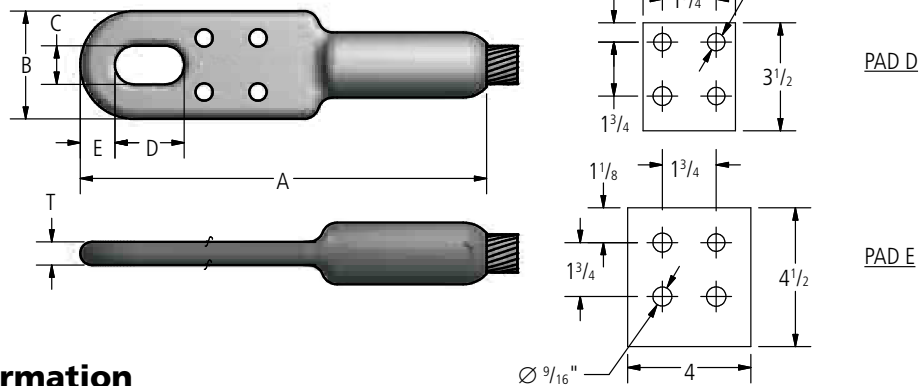
DOSSERT® TYPE 2500-EHV

Substation Compression Dead Ends for Stranded EC & ACSR Conductors

Substation dead end is designed for limited tension applications as found in substations. Designed for 500 kV service. Unique one piece design combines dead end barrel and terminal pad into single compact assembly. Dead end is installed with standard AFL hex dies. Terminal pad is standard NEMA pad size.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR DIAMETER RANGE IN INCHES	AAC RANGE	ACSR RANGE	PAD SIZE	DIE SIZE	RATED STRENGTH	NOMINAL WEIGHT
						LBS	
2530.1 EHV	1.026 - 1.196	795 - 1033.5	715.5(24/7) - 954(54/7)	D	30 AH	6800	2.8
2534.1 EHV	1.186 - 1.313	1113-1272	1033.5(36/1)-1192.5(45/7)	D	34 AH	6800	3.3
2536.1 EHV	1.314 - 1.399	1300-1431	1192.5(54/19) - 1351.5(45/7)	D	36 AH	9000	3.8
2538.1 EHV	1.399 - 1.500	1351.5-1590	1351.5(45/7) - 1510.5(45/7)	D	38 AH	9000	3.7
2540.1 EHV	1.501 - 1.630	1750 - 2000	1510.5(54/19) - 1780(84/19)	D	40 AH	9000	4.3
2544.1 EHV	1.630 - 1.681	2000	2034(72/7)	E	44 AH	10000	6.9
2544.2 EHV	1.669 - 1.823	2250 - 2500	2034(72/7) - 2312(76/19)	E	44 AH	10000	6.7
2548.1 EHV	1.823 - 1.996	2500 - 2750	2515(76/19)	E	48 AH	10000	7.3
2548.2 EHV	1.996 - 2.158	3000-3500	-	E	48 AH	10000	6.9

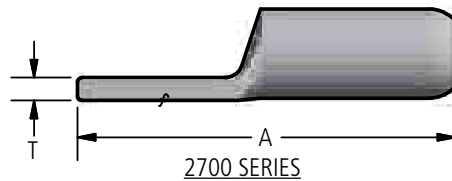
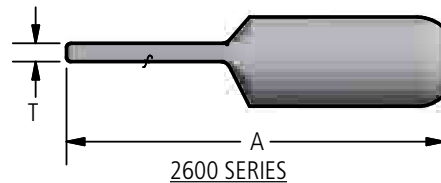
CATALOG NUMBER	DIMENSION IN INCHES					
	A	B	C	D	E	T
2530.1 EHV	13.20	3.50	1.25	2.25	1.50	.75
2534.1 EHV	13.81	3.50	1.25	2.25	1.50	.75
2536.1 EHV	14.21	3.50	1.25	2.25	1.50	1.00
2538.1 EHV	14.53	3.50	1.25	2.25	1.50	1.00
2540.1 EHV	14.75	3.50	1.25	2.25	1.50	1.00
2544.1 EHV	17.45	4.12	1.35	2.50	1.63	1.13
2544.2 EHV	17.45	4.12	1.35	2.50	1.63	1.13
2548.1 EHV	17.68	4.12	1.35	2.50	1.63	1.13
2548.2 EHV	17.68	4.12	1.35	2.50	1.63	1.13

DOSSERT® Type 2600, 2700 Series

Substation straight terminals are designed for limited space applications as found in substations. Designed for 500 kV service. Terminals are shorter than conventional terminals which saves space and allows for faster installation. Terminals are installed with standard AFL hex dies. Terminals can be supplied pre filled if required.

Material

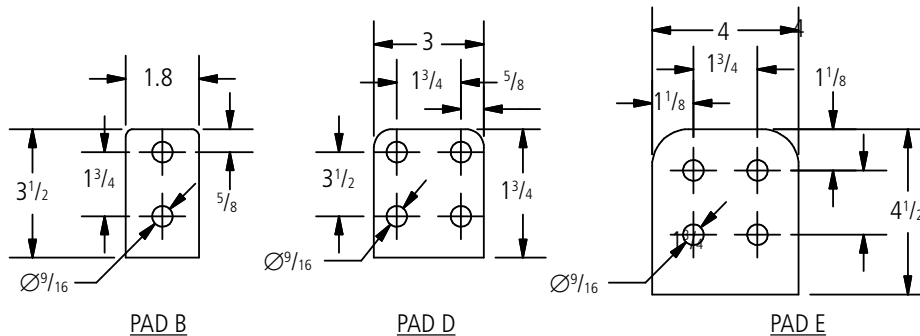
Aluminum Alloy



2600



2700



Ordering Information

CATALOG NUMBER		CONDUCTOR RANGE			PAD SIZE	DIMENSIONS IN INCHES		DIE SIZE	NOMINAL WEIGHT LBS
CENTER FORMED PAD	OFFSET PAD	DIAMETER	AAC	ACSR		A	T		
2630.1EHV	2730.1EHV	1.026 - 1.196	795 - 1033.5	715.5(24/7) - 954(54/7)	D	30AH	8.92	0.62	1.6
2634.1EHV	2734.1EHV	1.186 - 1.313	1113-1272	1033.5(36/1)-1192.5(45/7)	D	34AH	9.28	0.62	1.9
2636.1EHV	2736.1EHV	1.314 - 1.399	1300-1431	1192.5(54/19) - 1351.5(45/7)	D	36AH	9.54	0.62	2.1
2638.1EHV	2738.1EHV	1.399 - 1.500	1351.5-1590	1351.5(45/7) - 1510.5(45/7)	D	38AH	9.80	0.62	2.3
2640.1EHV	2740.1EHV	1.501 - 1.630	1750 - 2000	1510.5(54/19) - 1780(84/19)	D	40AH	10.27	0.62	2.6
2644.1EHV	2744.1EHV	1.630 - 1.681	2000	2034(72/7)	E	44AH	11.61	0.75	4.0
2644.2EHV	2744.2EHV	1.669 - 1.823	2250 - 2500	2034(72/7) - 2312(76/19)	E	44AH	11.61	0.75	4.0
2648.1EHV	2748.1EHV	1.823 - 1.996	2500 - 2750	2515(76/19)	E	48AH	12.64	0.75	4.6
2648.2EHV	2748.2EHV	1.996 - 2.158	3000-3500	-	E	48AH	12.64	0.75	4.0

DOSSERT® Type 3400-EHV

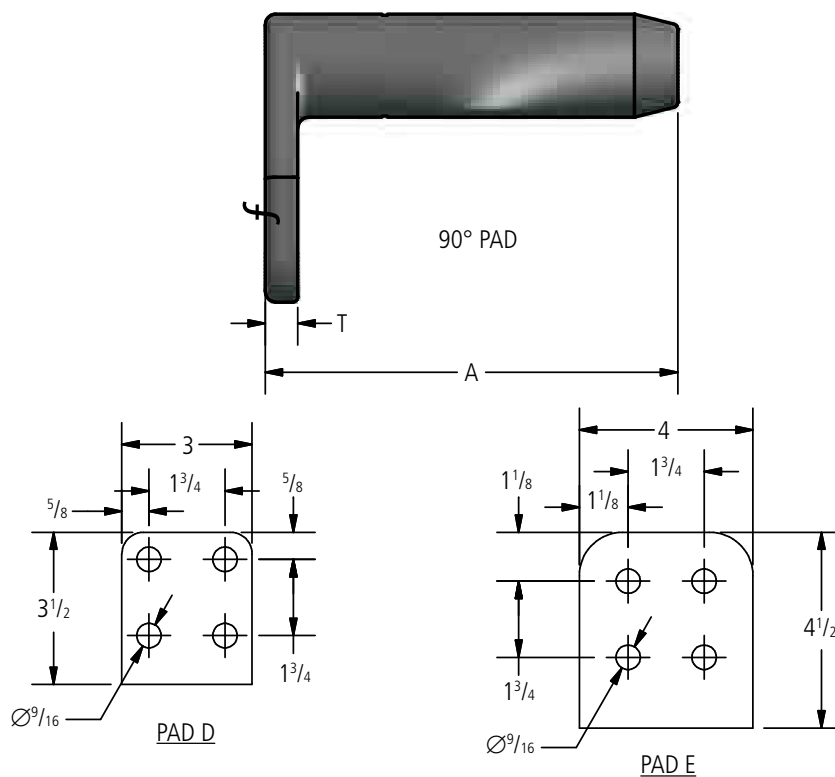
Substation 90° terminals are designed for limited space applications as found in substations. Designed for 500 kV service. Terminals are shorter than conventional terminals which saves space and allows for faster installation. Terminals are installed with standard AFL hex dies. Terminals can be supplied pre filled if required.

Material

Aluminum Alloy



500 kV Compression Connectors



Ordering Information

CATALOG NUMBER	CONDUCTOR RANGE			PAD SIZE	DIE SIZE	DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
	DIAMETER	AAC	ACSR			A	T	
3430.1EHV	1.026 - 1.196	795 - 900	715.5(26/7) - 954(54/7)	D	30AH	6.03	0.62	1.3
3434.1EHV	1.186 - 1.313	954 - 1272	954(54/7) - 1192.5(45/7)	D	34AH	6.44	0.62	1.6
3436.1EHV	1.314 - 1.399	1351 - 1431	1192.5(54/19) - 1351.5(45/7)	D	36AH	6.72	0.62	1.7
3438.1EHV	1.399 - 1.500	1500 - 1590	1351.5(45/7) - 1510.5(45/7)	D	38AH	6.94	0.62	2.0
3440.1EHV	1.501 - 1.630	1750 - 2000	1510.5(54/19) - 1780(84/19)	D	40AH	7.38	0.62	2.2
3444.1EHV	1.630 - 1.681	2000	2034(72/7)	E	44AH	8.22	0.75	3.4
3444.2EHV	1.669 - 1.823	2250 - 2500	2034(72/7) - 2312(76/19)	E	44AH	8.22	0.75	3.3
3448.1EHV	1.823 - 1.996	2500 - 2750	2515(76/19)	E	48AH	9.22	0.75	4.5
3448.2EHV	1.996 - 2.158	2500 - 2750	2515(76/19)	E	48AH	9.22	0.75	4.0

DOSSERT[®] TYPE S5600 Series, S5100 Series

Terminal Connectors

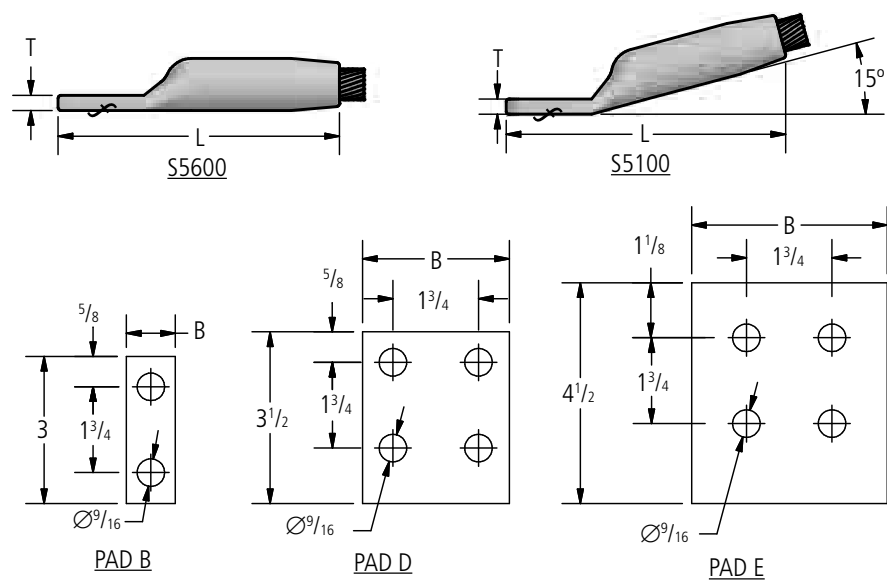
The S5600, S5100 Series Terminal Connector is designed for ACSR and AAC conductors. Designed for 500 kV service. The terminal is fabricated from AFL seamless drawn aluminum.

Material

Aluminum Alloy

Notes

Other pad sizes can be custom ordered.



S5600



S5100

Ordering Information

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
STRAIGHT	15 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5630.109-EHV	S5130.109-EHV	ACSR	Stilt	715.5	24/7	1.036	30AH	0.5	3	11.37	D
		ACSR	Starling	715.5	26/7	1.051		0.5	3	11.37	D
		ACSR	Coot	795	36/1	1.04		0.5	3	11.37	D
		AAC	Arbutus	795	37	1.026		0.5	3	11.37	D
		AAC	Lilac	795	61	1.028		0.5	3	11.37	D
		AAC	—	800	37	1.031		0.5	3	11.37	D
		AAC	Heliotrope	800	61	1.031		0.5	3	11.37	D
S5630.116-EHV	S5130.116-EHV	ACSR	Redwing	715.5	30/19	1.081	30AH	0.5	3	11.37	D
		ACSR	Tern	795	45/7	1.063		0.5	3	11.37	D
		ACSR	Condor	795	54/7	1.093		0.5	3	11.37	D
		ACSR	Drake	795	26/7	1.108		0.5	3	11.37	D
		ACSR	Cuckoo	795	24/7	1.092		0.5	3	11.37	D
		AAC	Snapdragon	900	61	1.094		0.5	3	11.37	D

DOSSERT® TYPE S5600 Series, S5100 Series

Terminal Connectors

Ordering Information cont.

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
STRAIGHT	15 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5630.122-EHV	S5130.122-EHV	ACSR	Mallard	795	30/19	1.14	30AH	0.4	3	11.37	D
		ACSR	Ruddy	900	45/7	1.131		0.4	3	11.37	D
		ACSR	Canary	900	54/7	1.162		0.4	3	11.37	D
		ACSR	Catbird	954	36/1	1.14		0.4	3	11.37	D
		ACSR	Rail	954	45/7	1.165		0.4	3	11.37	D
		AAC	Magnolia	954	37	1.124		0.4	3	11.37	D
		AAC	Goldenrod	954	61	1.126		0.4	3	11.37	D
S5630.122-EHV	S5130.122-EHV	AAC	Camellia	1000	61	1.152	30AH	0.4	3	11.37	D
		AAC	Bluebell	1033.5	37	1.17		0.4	3	11.37	D
		AAC	Larkspur	1033.5	61	1.172		0.4	3	11.37	D
S5630.125-EHV	S5130.125-EHV	ACSR	Cardinal	954	54/7	1.196	30AH	0.4	3	11.37	D
		ACSR	Tanager	1033.5	36/1	1.186		0.4	3	11.37	D
S5634.128-EHV	S5134.128-EHV	ACSR	Ortolan	1033.5	45/7	1.212	34AH	0.6	3	12.44	D
		AAC	Marigold	1113	61	1.216		0.6	3	12.44	D
S5634.134-EHV	S5134.134-EHV	ACSR	Curlew	1033.5	54/7	1.244	34AH	0.6	3	12.44	D
		ACSR	Bluejay	1113	45/7	1.259		0.6	3	12.44	D
		AAC	Hawthorn	1192.5	61	1.258		0.6	3	12.44	D
		AAC	Narcissus	1272	61	1.3		0.6	3	12.44	D
S5634.138-EHV	S5134.138-EHV	ACSR	Bunting	1192.5	45/7	1.302	34AH	0.6	3	12.44	D
		ACSR	Finch	1113	54/19	1.293		0.6	3	12.44	D
S5636.144-EHV	S5136.144-EHV	ACSR	Bittern	1272	45/7	1.345	36AH	0.6	3	12.5	D
		ACSR	Grackle	1192.5	54/19	1.333		0.6	3	12.5	D
		AAC	Columbine	1351	61	1.34		0.6	3	12.5	D
		AAC	Carnation	1431	61	1.379		0.6	3	12.5	D
S5636.147-EHV	S5136.147-EHV	ACSR	Pheasant	1272	54/19	1.382	36AH	0.6	3	12.5	D
		ACSR	Dipper	1351.5	45/7	1.386		0.6	3	12.5	D
		ACSR	—	1500	91	1.412		0.6	3	12.5	D
		AAC	Gladiolus	1510.5	61	1.187		0.6	3	12.5	D
S5638.150-EHV	S5138.150-EHV	ACSR	Martin	1351.5	54/19	1.424	38AH	0.8	3	13.69	D
		ACSR	Bobolink	1431	45/7	1.427		0.8	3	13.69	D
S5638.156-EHV	S5138.151-EHV	ACSR	Plover	1431	54/19	1.465	38AH	0.7	3	13.69	D
		ACSR	Nuthatch	1510.5	45/7	1.466		0.7	3	13.69	D
		AAC	Coreopsis	1590	61	1.25		0.7	3	13.69	D
		AAC	Dogwood	1590	91	1.454		0.7	3	13.69	D

DOSSERT® TYPE S5600 Series, S5100 Series

Terminal Connectors

Ordering Information cont.

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
STRAIGHT	15 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5640.162-EHV	S5140.162-EHV	ACSR	Parrot	1510.5	54/19	1.506	40AH	0.7	3	14.88	D
		ACSR	Lapwing	1590	45/7	1.504		0.7	3	14.88	D
		ACSR	Falcon	1590	54/19	1.545		0.7	3	14.88	D
		AAC	Jessamine	1750	61	1.525		0.7	3	14.88	D
S5642.178-EHV	S5142.178-EHV	ACSR	Chukar	1780	84/19	1.602	42AH	0.7	4	15.5	E
		ACSR	—	2034	72/7	1.681		0.7	4	15.5	E
		AAC	Cowslip	2000	91	1.63		0.7	4	15.5	E
S5644.181-EHV	S5144.181-EHV	ACSR	Kiwi	2167	72/7	1.737	44AH	0.7	4	15.62	E
		AAC	Sagebrush	2250	91	1.729		0.7	4	15.62	E
		AAC	—	2300	61	1.75		0.7	4	15.62	E
		AAC	—	2300	91	1.75		0.7	4	15.62	E
S5644.184-EHV	S5144.184-EHV	ACSR	Bluebird	2156	84/19	1.762	44AH	0.7	4	15.62	E
S5644.188-EHV	S5144.188-EHV	ACSR	Thrasher	2312	76/19	1.802	44AH	0.7	4	15.62	E
		AAC	Lupine	2500	91	1.823		0.7	4	15.62	E
S5648.197-EHV	S5148.197-EHV	ACSR	Joree	2515	76/19	1.88	48AH	0.8	4	17.06	E
		AAC	Bitterroot	2750	91	1.912		0.8	4	17.06	E

DOSSERT[®] TYPE S5600-45 Series, S5800 Series

Terminal Connectors

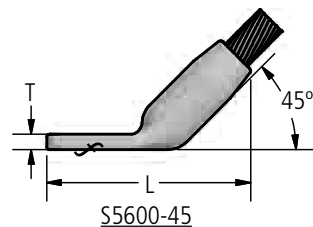
The S5600-45, S5800 Series Terminal Connector is designed for ACSR and AAC conductors. Designed for 500 kV service. The terminal is fabricated from AFL seamless drawn aluminum.

Material

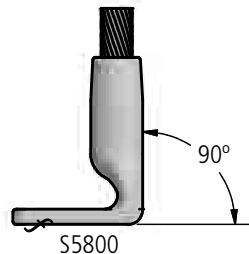
Aluminum Alloy

Notes

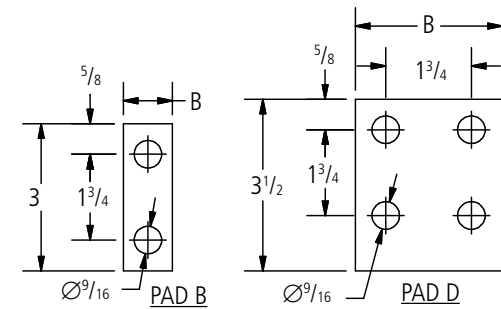
Other pad sizes can be custom ordered.



S5600-45

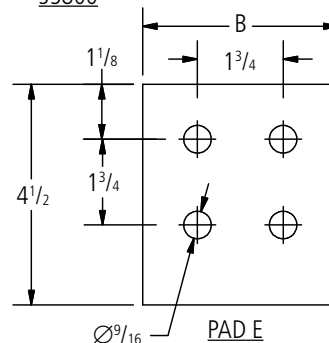


S5800



Ø9/16 PAD B

Ø9/16 PAD D



Ø9/16 PAD E



S5600-45



S5800

Ordering Information

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5673.391-45	S5873.391	AAC	Poppy	1/0	7	0.368	73AH	0.2	1	5.04	B
S5674.438-45	S5874.438	ACSR	Raven	1/0	6/1	0.398	74AH	0.3	1	5.28	B
		AAC	Aster	2/0	7	0.414		0.3	1	5.28	B
S5674.484-45	S5874.484	ACSR	Quail	2/0	6/1	0.447	74AH	0.3	1	5.28	B
		ACSR	Phlox	3/0	7	0.464		0.3	1	5.28	B
S5675.547-45	S5875.547	ACSR	Pigeon	3/0	6/1	0.502	75AH	0.5	1	5.28	B
		AAC	Oxlip	4/0	7	0.522		0.5	1	5.28	B
S5675.609-45	S5875.609	ACSR	Penguin	4/0	6/1	0.563	75AH	0.5	1	5.28	B
		AAC	Valerian	250	19	0.575		0.5	1	5.28	B
		AAC	Laurel	266.8	19	0.593		0.5	1	5.28	B
S5676.656-45	S5876.656	ACSR	Waxwing	266.8	18/1	0.609	76AH	0.6	1.3	5.34	B
		AAC	Peony	300	19	0.629		0.6	1.3	5.34	B
S5676.688-45	S5876.688	ACSR	Owl	266.8	1/0	0.633	76AH	0.6	1.3	5.34	B
		ACSR	Partridge	266.8	26/7	0.642		0.6	1.3	5.34	B
		AAC	Tulip	336.4	19	0.666		0.6	1.3	5.34	B

DOSSERT®

TYPE S5600-45 Series, S5800 Series

Terminal Connectors

Ordering Information cont.

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5620.719-45	S5820.719	AAC	Daffodil	350	19	0.679	20AH	0.5	1.3	6.13	B
S5676.719-45	S5876.719	ACSR	Ostrich	300	26/7	0.68	76AH	0.5	1.3	5.34	B
		ACSR	Merlin	336.4	18/1	0.684		0.5	1.3	5.34	B
S5620.781-45	S5820.781	ACSR	Linnet	336.4	26/7	0.72	20AH	0.5	1.3	6.13	B
		ACSR	Oriole	336.4	30/7	0.741		0.5	1.3	6.13	B
		ACSR	Chickadee	397.5	18/1	0.743		0.5	1.3	6.13	B
S5676.781-45	S5876.781	ACSR	Linnet	336.4	26/7	0.72	76AH	0.5	1.3	5.34	B
		ACSR	Chickadee	397.5	18/1	0.743		0.5	1.3	5.34	B
S5676.750-45	S5876.750	AAC	Canna	397.5	19	0.724	76AH	0.5	1.3	5.34	B
S5620.812-45	S5820.812	ACSR	Brant	397.5	24/7	0.772	20AH	0.5	1.3	6.13	B
		AAC	Goldentuft	450	19	0.77		0.5	1.3	6.13	B
		AAC	Yarrow	450	37	0.772		0.5	1.3	6.13	B
		AAC	Cosmos	477	19	0.793		0.5	1.3	6.13	B
		AAC	Syringa	477	37	0.795		0.5	1.3	6.13	B
S5620.844-45	S5820.844	ACSR	Ibis	397.5	26/7	0.783	20AH	0.5	1.3	6.13	B
		ACSR	Lark	397.5	30/7	0.806		0.5	1.3	6.13	B
S5624.875-45	S5824.875	ACSR	Pelican	477	18/1	0.814	24AH	0.6	1.5	6.83	B
		AAC	Cosmos	477	19	0.793		0.6	1.5	6.83	B
		AAC	Syringa	477	37	0.795		0.6	1.5	6.83	B
		AAC	Zinnia	500	19	0.811		0.6	1.5	6.83	B
		AAC	Hyacinth	500	37	0.813		0.6	1.5	6.83	B
S5624.938-45	S5824.938	ACSR	Flicker	477	24/7	0.846	24AH	0.6	1.5	6.83	B
		ACSR	Hawk	477	26/7	0.858		0.6	1.5	6.83	B
		ACSR	Hen	477	30/7	0.883		0.6	1.5	6.83	B
		ACSR	Osprey	556.5	18/1	0.879		0.6	1.5	6.83	B
		AAC	Dahlia	556.5	19	0.856		0.6	1.5	6.83	B
		AAC	Mistletoe	556.5	37	0.858		0.6	1.5	6.83	B
		AAC	Meadow-sweet	600	37	0.891		0.6	1.5	6.83	B
S5624.969-45	S5824.969	ACSR	Parakeet	556.5	24/7	0.914	24AH	0.6	1.5	6.82	B
		ACSR	Dove	556.5	26/7	0.927		0.6	1.5	6.82	B
		AAC	Orchid	636	37	0.918		0.6	1.5	6.82	B
		AAC	Heuchera	650	37	0.928		0.6	1.5	6.82	B

DOSSERT®

TYPE S5600-45 Series, S5800 Series

Terminal Connectors

Ordering Information cont.

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5630.109-45	S5830.109	ACSR	Stilt	715.5	24/7	1.036	30AH	0.5	3	7.63	D
		ACSR	Starling	715.5	26/7	1.051		0.5	3	7.63	D
		ACSR	Coot	795	36/1	1.04		0.5	3	7.63	D
		AAC	Arbutus	795	37	1.026		0.5	3	7.63	D
		AAC	Lilac	795	61	1.028		0.5	3	7.63	D
		AAC	—	800	37	1.031		0.5	3	7.63	D
		AAC	Heliotrope	800	61	1.031		0.5	3	7.63	D
S5630.116-45	S5830.116	ACSR	Redwing	715.5	30/19	1.081	30AH	0.5	3	7.63	D
		ACSR	Tern	795	45/7	1.063		0.5	3	7.63	D
		ACSR	Condor	795	54/7	1.093		0.5	3	7.63	D
		ACSR	Drake	795	26/7	1.108		0.5	3	7.63	D
		ACSR	Cuckoo	795	24/7	1.092		0.5	3	7.63	D
		AAC	Snapdragon	900	61	1.094		0.5	3	7.63	D
S5630.122-45	S5830.122	ACSR	Mallard	795	30/19	1.14	30AH	0.4	3	7.63	D
		ACSR	Ruddy	900	45/7	1.131		0.4	3	7.63	D
		ACSR	Canary	900	54/7	1.162		0.4	3	7.63	D
		ACSR	Catbird	954	36/1	1.14		0.4	3	7.63	D
		ACSR	Rail	954	45/7	1.165		0.4	3	7.63	D
		AAC	Magnolia	954	37	1.124		0.4	3	7.63	D
		AAC	Goldenrod	954	61	1.126		0.4	3	7.63	D
		AAC	Camellia	1000	61	1.152		0.4	3	7.63	D
		AAC	Bluebell	1033.5	37	1.17		0.4	3	7.63	D
		AAC	Larkspur	1033.5	61	1.172		0.4	3	7.63	D
S5630.125-45	S5830.125	ACSR	Cardinal	954	54/7	1.196	30AH	0.4	3	7.63	D
		ACSR	Tanager	1033.5	36/1	1.186		0.4	3	7.63	D
S5634.128-45	S5834.128	ACSR	Ortolan	1033.5	45/7	1.212	34AH	0.6	3	8.2	D
		AAC	Marigold	1113	61	1.216		0.6	3	8.2	D
S5634.134-45	S5834.134	ACSR	Curlew	1033.5	54/7	1.244	34AH	0.6	3	8.2	D
		ACSR	Bluejay	1113	45/7	1.259		0.6	3	8.2	D
		AAC	Hawthorn	1192.5	61	1.258		0.6	3	8.2	D
		AAC	Narcissus	1272	61	1.3		0.6	3	8.2	D
S5634.138-45	S5834.138	ACSR	Bunting	1192.5	45/7	1.302	34AH	0.6	3	8.2	D
		ACSR	Finch	1113	54/19	1.293		0.6	3	8.2	D

DOSSERT®

TYPE S5600-45 Series, S5800 Series

Terminal Connectors

Ordering Information cont.

CATALOG NUMBER		CONDUCTOR					DIE SIZE ALUMINUM HEX DIE	DIMENSIONS IN INCHES			PAD SIZE
45 DEGREE	90 DEGREE	AAC OR ACSR	CODE WORD	SIZE KCMIL	STRANDING AL/ST	DIAMETER RANGE IN INCHES		T	B	L	
S5636.144-45	S5836.144	ACSR	Bittern	1272	45/7	1.345	36AH	0.6	3	8.23	D
		ACSR	Grackle	1192.5	54/19	1.333		0.6	3	8.23	D
		AAC	Columbine	1351	61	1.34		0.6	3	8.23	D
		AAC	Carnation	1431	61	1.379		0.6	3	8.23	D
S5636.147-45	S5836.147	ACSR	Pheasant	1272	54/19	1.382	36AH	0.6	3	8.23	D
		ACSR	Dipper	1351.5	45/7	1.386		0.6	3	8.23	D
		ACSR	—	1500	91	1.412		0.6	3	8.23	D
		AAC	Gladiolus	1510.5	61	1.187		0.6	3	8.23	D
S5638.150-45	S5838.150	ACSR	Martin	1351.5	54/19	1.424	38AH	0.8	3	8.85	D
		ACSR	Bobolink	1431	45/7	1.427		0.8	3	8.85	D
S5638.156-45	S5838.151	ACSR	Plover	1431	54/19	1.465	38AH	0.7	3	8.85	D
		ACSR	Nuthatch	1510.5	45/7	1.466		0.7	3	8.85	D
		AAC	Coreopsis	1590	61	1.25		0.7	3	8.85	D
		AAC	Dogwood	1590	91	1.454		0.7	3	8.85	D
S5640.162-45	S5840.162	ACSR	Parrot	1510.5	54/19	1.506	40AH	0.7	3	9.95	D
		ACSR	Lapwing	1590	45/7	1.504		0.7	3	9.95	D
		ACSR	Falcon	1590	54/19	1.545		0.7	3	9.95	D
		AAC	Jessamine	1750	61	1.525		0.7	3	9.95	D
S5642.178-45	S5842.178	ACSR	Chukar	1780	84/19	1.602	42AH	0.7	4	10.28	E
		ACSR	—	2034	72/7	1.681		0.7	4	10.28	E
		AAC	Cowslip	2000	91	1.63		0.7	4	10.28	E
S5644.181-45	S5844.181	ACSR	Kiwi	2167	72/7	1.737	44AH	0.7	4	10.34	E
		AAC	Sagebrush	2250	91	1.729		0.7	4	10.34	E
		AAC	—	2300	61	1.75		0.7	4	10.34	E
		AAC	—	2300	91	1.75		0.7	4	10.34	E
S5644.184-45	S5844.184	ACSR	Bluebird	2156	84/19	1.762	44AH	0.7	4	10.34	E
S5644.188-45	S5844.188	ACSR	Thrasher	2312	76/19	1.802	44AH	0.7	4	10.34	E
		AAC	Lupine	2500	91	1.823		0.7	4	10.34	E
S5648.197-45	S5848.197	ACSR	Joree	2515	76/19	1.88	48AH	0.8	4	11.1	E
		AAC	Bitterroot	2750	91	1.912		0.8	4	11.1	E

DOSSERT® TYPE DPL2-N-V-EC

Substation Compression Terminal

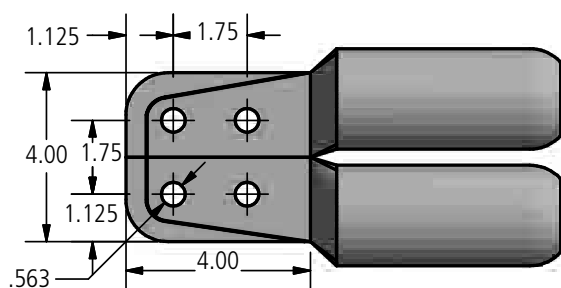
Use for cable to terminal application. Designed for 500 kV service.

Material

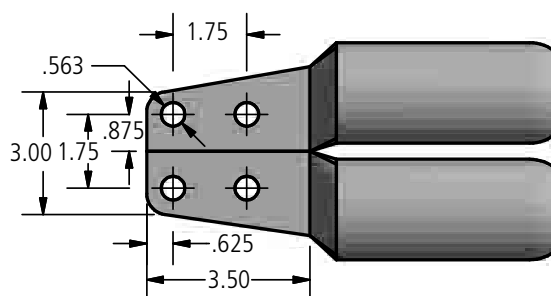
Aluminum Alloy



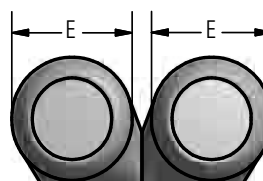
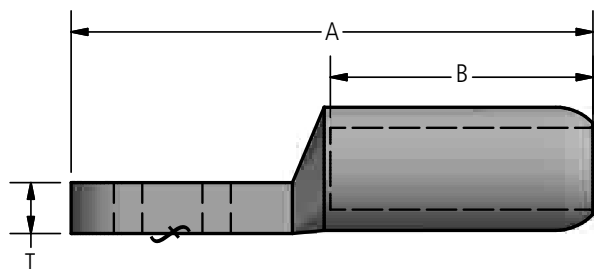
500 kV Compression
Connectors



DP2L-4N4-V-EC SERIES



DP2L-4N-V-EC SERIES



Ordering Information

CATALOG NUMBER	CONDUCTOR RANGE			DIMENSIONS IN INCHES				DIE SIZE
	IN	AAC	ACSR	A	B	T	E	
DP2L100-4N-V-EC	1.026 - 1.196	795 - 900	715.5(26/7) - 954(54/7)	8.84	4.09	1.00	1.88	30AH
DP2L100-4N4-V-EC				9.46				
DP2L127-4N-V-EC	1.186 - 1.313	954 - 1272	954(54/7) - 1192.5(45/7)	9.19	4.44	1.00	2.12	34AH
DP2L127-4N4-V-EC				9.82				
DP2L160-4N-V-EC	1.399 - 1.500	1500 - 1590	1351.5(45/7) - 1510.5(45/7)	9.69	4.94	1.00	2.38	38AH
DP2L160-4N4-V-EC				10.32				



500 kV Compression Connectors
