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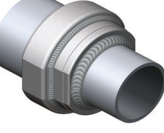
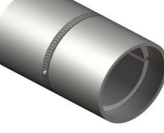
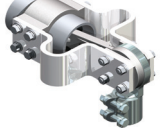

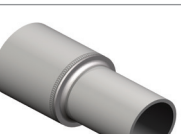

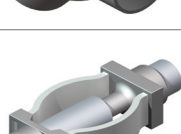

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230 kV or Less Aluminum Welded

230 kV or Less Aluminum Welded

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DOSSERT® TYPE HPS-AA, HPS-CH-AA

HPS is a horizontal support for a rigid fit and the HPS-CH is a for a horizontal support for a slip fit.

Material

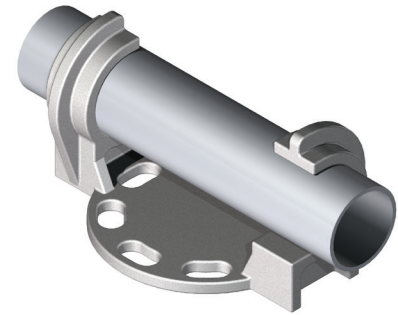
Aluminum Alloy

Hardware

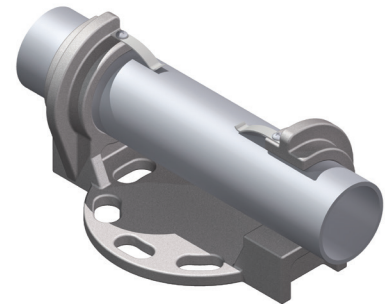
Galvanized steel hardware supplied for base mounting.

Notes

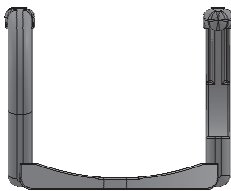
- For Slip Bus Support, add suffix "-CH" to catalog number.
Ex: HPS100-3B-CH-AA.
- For base mounting dimensions and hardware, see page 3 in the general catalog index of AFL's Substation catalog.



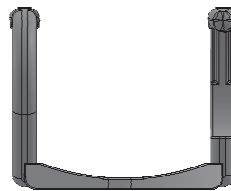
HPS-AA



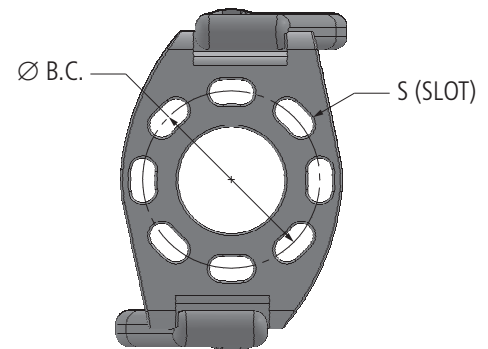
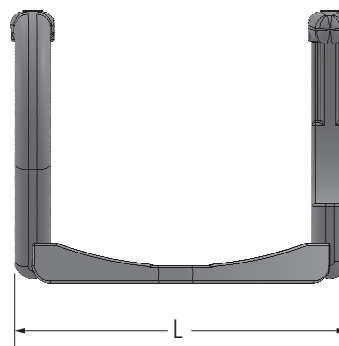
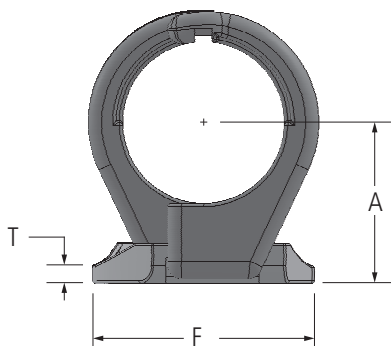
HPS-CH-AA



HPS-AA



HPS-CH-AA



continued
→



230 kV Aluminum Welded Bus Supports

DOSSERT[®] TYPE HPS-AA, HPS-CH-AA Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES					
STANDARD	WITH CHATTER SPRING		A	B.C.	F	L	S	T
HPS100-3-AA	HPS100-3-CH-AA	1	2	3	4 1/4	5 3/4	9/16	3/8
HPS100-5-AA	HPS100-5-CH-AA	1	2	5	6 1/4	8	11/16	3/8
HPS125-3-AA	HPS125-3-CH-AA	1 1/4	2 1/4	3	4 1/4	5 3/4	9/16	3/8
HPS125-5-AA	HPS125-5-CH-AA	1 1/4	2 3/8	5	6 1/4	8	11/16	3/8
HPS150-3-AA	HPS150-3-CH-AA	1 1/2	2 1/2	3	4 1/4	5 3/4	9/16	3/8
HPS150-5-AA	HPS150-5-CH-AA	1 1/2	2 1/2	5	6 1/4	8 1/2	11/16	3/8
HPS200-3-AA	HPS200-3-CH-AA	2	2 3/4	3	4 1/4	6 1/4	9/16	3/8
HPS200-5-AA	HPS200-5-CH-AA	2	2 3/4	5	6 1/4	8 1/2	11/16	3/8
HPS250-3-AA	HPS250-3-CH-AA	2 1/2	3 1/8	3	4 1/4	6 5/8	9/16	3/8
HPS250-5-AA	HPS250-5-CH-AA	2 1/2	3 1/8	5	6 1/4	8 7/8	11/16	3/8
HPS300-3-AA	HPS300-3-CH-AA	3	3 5/8	3	4 1/4	6 5/8	9/16	3/8
HPS300-5-AA	HPS300-5-CH-AA	3	3 5/8	5	6 1/4	8 7/8	11/16	3/8
HPS350-3-AA	HPS350-3-CH-AA	3 1/2	4	3	4 1/4	7 1/4	9/16	7/16
HPS350-5-AA	HPS350-5-CH-AA	3 1/2	4	5	6 1/4	9 1/2	11/16	7/16
HPS400-3-AA	HPS400-3-CH-AA	4	4 1/2	3	4 1/4	7 5/8	9/16	1/2
HPS400-5-AA	HPS400-5-CH-AA	4	4 1/2	5	6 1/4	9 3/8	11/16	1/2
HPS400-7-AA	HPS400-7-CH-AA	4	4 1/2	7	8 1/2	11 7/8	13/16	1/2
HPS500-3-AA	HPS500-3-CH-AA	5	5	3	4 1/4	8 1/4	9/16	1/2
HPS500-5-AA	HPS500-5-CH-AA	5	5	5	6 1/4	10	11/16	1/2
HPS500-7-AA	HPS500-7-CH-AA	5	5	7	8 1/2	11 7/8	13/16	1/2
*HPS600-3-AA	HPS600-3-CH-AA	6	5 1/2	3	4 1/4	8 1/8	9/16	1/2
HPS600-5-AA	HPS600-5-CH-AA	6	5 1/2	5	6 1/4	10	11/16	1/2
HPS600-7-AA	HPS600-7-CH-AA	6	5 1/2	7	8 1/2	12 1/4	13/16	1/2
*HPS800-3-AA	HPS800-3-CH-AA	8	6 1/2	3	4 1/4	9 3/4	9/16	1/2
*HPS800-5-AA	HPS800-5-CH-AA	8	6 1/2	5	6 1/4	11	11/16	1/2
HPS800-7-AA	HPS800-7-CH-AA	8	6 7/8	7	8 1/2	12 1/4	13/16	1/2

* Denotes this size will not install rotated 90 degrees from bus pipe.

230 kV Al. Welded Bu Supports

DOSSERT® TYPE PLHS-AA, PLHS-CH-AA

Slip or Fixed Bus Support

Can be used as a slip or fixed bus support or fixed support by being welded into position.

Material

Aluminum Alloy

Hardware

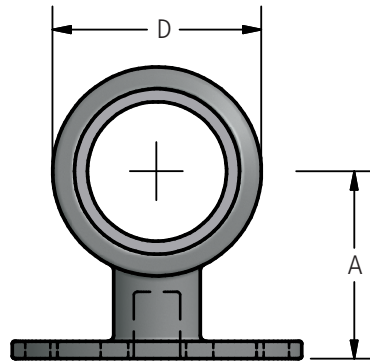
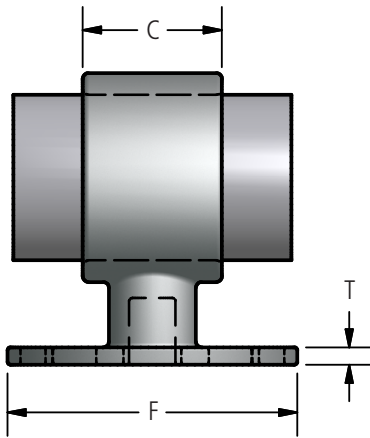
Galvanized steel hardware supplied for base mounting.

Notes

1. For base mounting dimensions and hardware see page 3 in the general catalog index.



PLHS-AA



Ordering Information

CATALOG NUMBER		SPS	BOLT CIRCLE	DIMENSIONS IN INCHES				
STANDARD	WITH CHATTER SPRING			A	C	D	T	F
PLHS75-3-AA	PLHS75-3-CH-AA	3/4	3	2	1-1/4	1-9/16	3/8	4-1/4
PLHS75-5-AA	PLHS75-5-CH-AA	3/4	5	2-1/4	1-1/4	1-9/16	3/8	6-1/4
PLHS100-3-AA	PLHS100-3-CH-AA	1	3	2	1-1/4	1-7/8	3/8	4-1/4
PLHS100-5-AA	PLHS100-5-CH-AA	1	5	2-1/4	1-1/4	1-7/8	3/8	6-1/4
PLHS125-3-AA	PLHS125-3-CH-AA	1-1/4	3	2-1/4	1-1/2	2-1/4	3/8	4-1/4
PLHS125-5-AA	PLHS125-5-CH-AA	1-1/4	5	2-3/8	1-1/2	2-1/4	3/8	6-1/4
PLHS150-3-AA	PLHS150-3-CH-AA	1-1/2	3	2-1/2	1-1/2	2-5/8	3/8	4-1/4
PLHS150-5-AA	PLHS150-5-CH-AA	1-1/2	5	2-1/2	1-1/2	2-5/8	3/8	6-1/4
PLHS200-3-AA	PLHS200-3-CH-AA	2	3	2-3/4	2	3-1/4	3/8	4-1/4
PLHS200-5-AA	PLHS200-5-CH-AA	2	5	2-3/4	2	3-1/4	3/8	6-1/4
PLHS250-3-AA	PLHS250-3-CH-AA	2-1/2	3	3-1/8	2	3-11/16	3/8	4-1/4
PLHS250-5-AA	PLHS250-5-CH-AA	2-1/2	5	3-1/8	2	3-11/16	3/8	6-1/4
PLHS300-3-AA	PLHS300-3-CH-AA	3	3	3-5/8	2-1/2	4-1/2	3/8	4-1/4
PLHS300-5-AA	PLHS300-5-CH-AA	3	5	3-5/8	3	4-1/2	7/16	6-1/4
PLHS350-3-AA	PLHS350-3-CH-AA	3-1/2	3	4	3	5	7/16	4-1/4
PLHS350-5-AA	PLHS350-5-CH-AA	3-1/2	5	4	3	5	7/16	6-1/4
PLHS400-3-AA	PLHS400-3-CH-AA	4	3	4-1/2	3	5-9/16	3/8	4-1/4
PLHS400-5-AA	PLHS400-5-CH-AA	4	5	4-1/2	3	5-1/2	7/16	6-1/4
PLHS450-3-AA	PLHS450-3-CH-AA	4-1/2	3	4-3/4	3	6	7/16	4-1/4
PLHS450-5-AA	PLHS450-5-CH-AA	4-1/2	5	4-3/4	3	6	7/16	6-1/4
PLHS500-3-AA	PLHS500-3-CH-AA	5	3	5	3	6-9/16	7/16	4-1/4
PLHS500-5-AA	PLHS500-5-CH-AA	5	5	5	3	6-9/16	7/16	6-1/4
PLHS600-3-AA	PLHS600-3-CH-AA	6	3	5-1/2	4	7-5/8	7/16	4-1/4
PLHS600-5-AA	PLHS600-5-CH-AA	6	5	5-1/2	4	7-5/8	7/16	6-1/4

DOSSERT®

TYPE PLHSO-AA

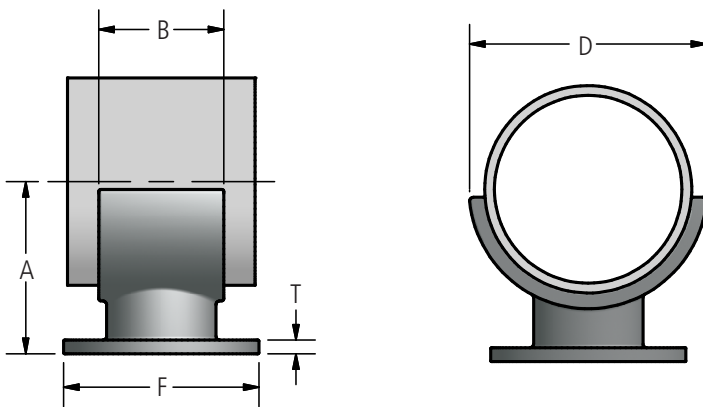
Bus Support for Pipes, Slip or Fixed

Material

Aluminum Alloy

Hardware

Galvanized steel hardware supplied for base mounting.



Ordering Information

CATALOG NUMBER	SPS	BOLT CIRCLE	DIMENSIONS IN INCHES				
			A	B	D	F	T
PLHSO75-3-AA	3/4	3	2	1-1/4	1-9/16	4-1/4	3/8
PLHSO75-5-AA	3/4	5	2-1/4	1-1/4	1-9/16	6-1/4	3/8
PLHSO100-3-AA	1	3	2	1-1/4	1-7/8	4-1/4	3/8
PLHSO100-5-AA	1	5	2-1/4	1-1/4	1-7/8	6-1/4	3/8
PLHSO125-3-AA	1-1/4	3	2-1/4	1-1/2	2-1/4	4-1/4	3/8
PLHSO125-5-AA	1-1/4	5	2-3/8	1-1/2	2-1/4	6-1/4	3/8
PLHSO150-3-AA	1-1/2	3	2-1/2	1-1/2	2-5/8	4-1/4	3/8
PLHSO150-5-AA	1-1/2	5	2-1/2	1-1/2	2-5/8	6-1/4	3/8
PLHSO200-3-AA	2	3	2-3/4	2	3-1/4	4-1/4	3/8
PLHSO200-5-AA	2	5	2-3/4	2	3-1/4	6-1/4	3/8
PLHSO250-3-AA	2-1/2	3	3-1/8	2	3-11/16	4-1/4	3/8
PLHSO250-5-AA	2-1/2	5	3-1/8	2	3-11/16	6-1/4	3/8
PLHSO300-3-AA	3	3	3-5/8	3	4-1/2	4-1/4	7/16
PLHSO300-5-AA	3	5	3-5/8	3	4-1/2	6-1/4	7/16
PLHSO350-3-AA	3-1/2	3	4	3	5	4-1/4	7/16
PLHSO350-5-AA	3-1/2	5	4	3	5	6-1/4	7/16
PLHSO400-3-AA	4	3	4-1/2	3	5-1/2	4-1/4	7/16
PLHSO400-5-AA	4	5	4-1/2	3	5-1/2	6-1/4	1/2
PLHSO450-3-AA	4-1/2	3	4-3/4	3	6	4-1/4	7/16
PLHSO450-5-AA	4-1/2	5	4-3/4	3	6	6-1/4	7/16
PLHSO500-3-AA	5	3	5	3	6-9/16	4-1/4	7/16
PLHSO500-5-AA	5	5	5	3	6-9/16	6-1/4	7/16
PLHSO600-3-AA	6	3	5-1/2	4	7-5/8	4-1/4	7/16
PLHSO600-5-AA	6	5	5-1/2	4	7-5/8	6-1/4	7/16
PLHSO800-5-AA	8	5	6-15/16	4	9-5/8	6-1/4	7/16
PLHSO800-7-AA	8	7	6-15/16	4	9-5/8	8-1/2	7/16

DOSSERT®

TYPE WPS-AA

Aluminum Bus Support

Horizontal type support for pipe or tube to insulator. Slip or rigid fit applications.

Material

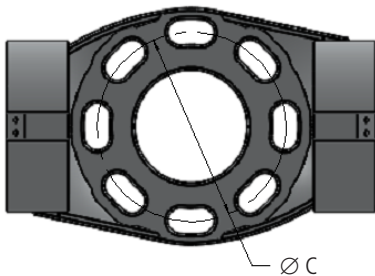
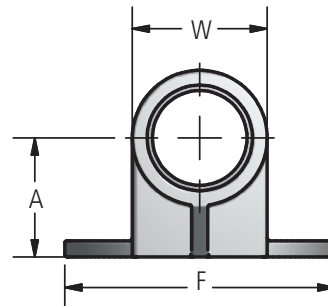
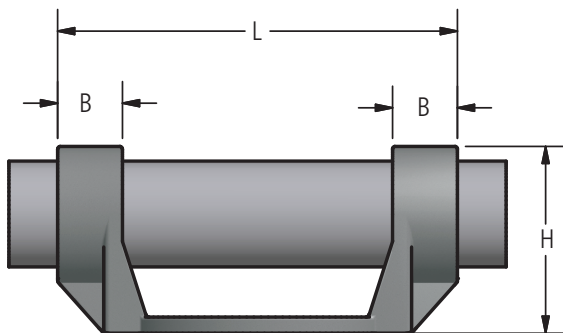
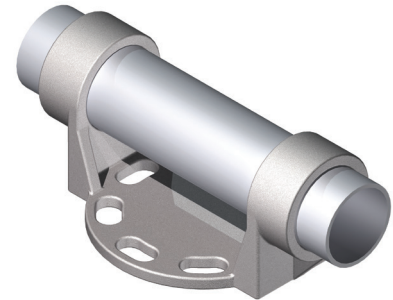
Aluminum Alloy

Hardware

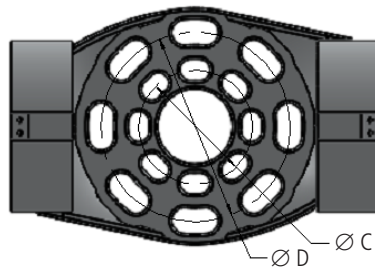
Galvanized steel mounting hardware.

Notes

1. For base mounting dimensions and hardware see page 3 in the general catalog index.



DETAIL A



DETAIL B

continued
→



230 kV Aluminum Welded Bus Supports

DOSSERT®

TYPE WPS-AA

Aluminum Welded Bus Support

Ordering Information

CATALOG NUMBER		SPS	BOLT CIRCLE	DIMENSIONS IN INCHES							
STANDARD	WITH CHATTER SPRING			A	B	C	D	F	H	L	W
WPS100-3-AA	WPS100-3-CH-AA	1	A	2	1	3	-	4 1/4	2 31/32	6 1/4	1 29/32
WPS100-5-AA	WPS100-5-CH-AA	1	A	2 1/4	1	5	-	6 1/4	3 7/32	7 27/32	1 29/32
WPS125-3-AA	WPS125-3-CH-AA	1 1/4	A	2 1/4	1	3	-	4 1/4	3 3/8	6 1/4	2 9/32
WPS125-5-AA	WPS125-5-CH-AA	1 1/4	A	2 3/8	1	5	-	6 1/4	3 17/32	8 1/8	2 9/32
WPS150-3-AA	WPS150-3-CH-AA	1 1/2	A	2 1/2	1 1/4	3	-	4 1/4	3 3/4	6 3/4	2 9/32
WPS150-5-AA	WPS150-5-CH-AA	1 1/2	A	2 1/2	1 1/4	5	-	6 1/4	3 3/4	8 3/4	2 9/32
WPS200-3-AA	WPS200-3-CH-AA	2	A	2 3/4	1 1/2	3	-	4 1/4	4 1/4	7 1/4	3 5/32
WPS200-5-AA	WPS200-5-CH-AA	2	A	2 3/4	1 1/2	5	-	6 1/4	4 1/4	9 1/8	3 5/32
WPS250-3-AA	WPS250-3-CH-AA	2 1/2	A	3 1/8	1 1/2	3	-	4 1/4	5	7 1/4	3 13/16
WPS250-5-AA	WPS250-5-CH-AA	2 1/2	A	3 1/8	1 1/2	5	-	6 1/4	5	9 3/16	3 13/16
WPS250-7-AA	WPS250-7-CH-AA	2 1/2	A	3 1/8	1 1/2	7	-	8 1/2	5	12	3 13/16
WPS300-3-AA	WPS300-3-CH-AA	3	A	3 5/8	1 3/4	3	-	4 1/4	5 25/32	7 3/4	4 5/16
WPS300-3/5-AA	WPS300-3/5-CH-AA	3	B	3 5/8	1 3/4	3	5	6 1/4	5 25/32	9 3/4	4 5/16
WPS300-5-AA	WPS300-5-CH-AA	3	A	3 5/8	1 3/4	5	-	6 1/4	5 25/32	9 3/4	4 5/16
WPS300-5/7-AA	WPS300-5/7-CH-AA	3	B	3 5/8	1 3/4	5	7	8 1/2	5 25/32	12 1/4	4 5/16
WPS300-7-AA	WPS300-7-CH-AA	3	A	3 5/8	1 3/4	7	-	8 1/2	5 25/32	12 1/4	4 5/16
WPS350-3-AA	WPS350-3-CH-AA	3 1/2	A	4	1 3/4	3	-	4 1/4	6 1/2	7 3/4	5
WPS350-3/5-AA	WPS350-3/5-CH-AA	3 1/2	B	4	1 3/4	3	5	6 1/4	6 1/2	9 3/4	5
WPS350-5-AA	WPS350-5-CH-AA	3 1/2	A	4	1 3/4	5	-	6 1/4	6 1/2	9 3/4	5
WPS350-5/7-AA	WPS350-5/7-CH-AA	3 1/2	B	4	1 3/4	5	7	8 1/2	6 1/2	12 1/8	5
WPS350-7-AA	WPS350-7-CH-AA	3 1/2	A	4	1 3/4	7	-	8 1/2	6 1/2	12 1/8	5
WPS400-3-AA	WPS400-3-CH-AA	4	A	4 1/2	2	3	-	4 1/4	7 1/4	8 1/8	5 15/32
WPS400-3/5-AA	WPS400-3/5-CH-AA	4	B	4 1/2	2	3	5	6 1/4	7 1/4	10 1/4	5 15/32
WPS400-5-AA	WPS400-5-CH-AA	4	A	4 1/2	2	5	-	6 1/4	7 1/4	10 1/4	5 15/32
WPS400-5/7-AA	WPS400-5/7-CH-AA	4	B	4 1/2	2	5	7	8 1/2	7 1/4	12 1/2	5 15/32
WPS400-7-AA	WPS400-7-CH-AA	4	A	4 1/2	2	7	-	8 1/2	7 1/4	12 1/2	5 15/32
WPS450-3-AA	WPS450-3-CH-AA	4 1/2	A	4 3/4	2	3	-	4 1/4	7 1/4	8 1/4	5 31/32
WPS450-3/5-AA	WPS450-3/5-CH-AA	4 1/2	B	4 3/4	2	3	5	6 1/4	7 1/4	10 1/4	5 31/32
WPS450-5-AA	WPS450-5-CH-AA	4 1/2	A	4 3/4	2	5	-	6 1/4	7 1/4	10 1/4	5 31/32
WPS450-5/7-AA	WPS450-5/7-CH-AA	4 1/2	B	4 3/4	2	5	7	8 1/2	7 1/4	12 1/2	5 15/32
WPS450-7-AA	WPS450-7-CH-AA	4 1/2	A	4 3/4	2	7	-	8 1/2	7 1/4	12 1/2	5 15/32
WPS500-3-AA	WPS500-3-CH-AA	5	A	5	2 1/4	3	-	4 1/4	8 9/16	8 7/8	6 5/8
WPS500-3/5-AA	WPS500-3/5-CH-AA	5	B	5	2 1/4	3	5	6 1/4	8 9/16	10 7/8	6 5/8
WPS500-5-AA	WPS500-5-CH-AA	5	A	5	2 1/4	5	-	6 1/4	8 9/16	10 7/8	6 5/8
WPS500-5/7-AA	WPS500-5/7-CH-AA	5	B	5	2 1/4	5	7	8 1/2	8 9/16	13 1/8	6 5/8
WPS500-7-AA	WPS500-7-CH-AA	5	A	5	2 1/4	7	-	8 1/2	8 9/16	13 1/8	6 5/8
WPS600-3-AA	WPS600-3-CH-AA	6	A	5 1/2	2 1/4	3	-	4 1/4	9 23/32	8 7/8	7 7/8
WPS600-3/5-AA	WPS600-3/5-CH-AA	6	B	5 1/2	2 1/4	3	5	6 1/4	9 23/32	10 7/8	7 7/8
WPS600-5-AA	WPS600-5-CH-AA	6	A	5 1/2	2 1/4	5	-	6 1/4	9 23/32	10 7/8	7 7/8
WPS600-5/7-AA	WPS600-5/7-CH-AA	6	B	5 1/2	2 1/4	5	7	8 1/2	9 23/32	13 1/8	7 7/8
WPS600-7-AA	WPS600-7-CH-AA	6	A	5 1/2	2 1/4	7	-	8 1/2	9 23/32	13 1/8	7 7/8
WPS800-5-AA	WPS800-5-CH-AA	8	A	6 15/16	2	5	-	8 1/2	11 3/4	13 7/8	9 3/4
WPS800-7-AA	WPS800-7-CH-AA	8	A	6 15/16	2	7	-	8 1/2	11 3/4	13 7/8	9 3/4

230 kV Al. Welded Bu Supports

DOSSERT® TYPE WPSO-AA Aluminum Welded Bus Support

Open saddle horizontal type support for pipe to insulator. Rigid applications only. Pipe lays into support and is welded in the field.

Material

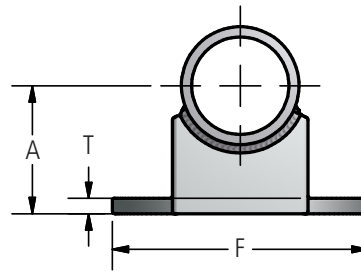
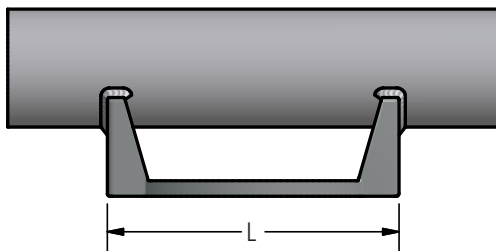
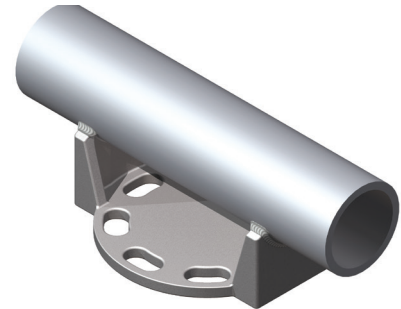
Aluminum Alloy

Hardware

Galvanized steel base mounting hardware.

Note

- For base mounting dimensions and hardware, see page 3 in the general catalog index.



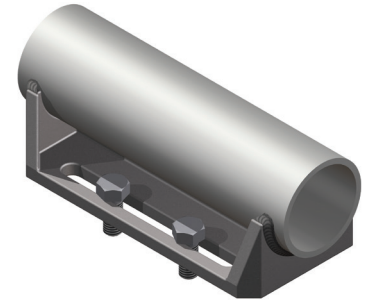
Ordering Information

CATALOG NUMBER	SPS	BOLT CIRCLE	DIMENSIONS IN INCHES			
			A	F	L	T
WPSO75-3-AA	3/4	3	2	4 1/4	4 3/4	3/8
WPSO75-5-AA	3/4	5	2 1/4	6 1/4	6 7/8	3/8
WPSO100-3-AA	1	3	2	4 1/4	4 3/4	3/8
WPSO100-5-AA	1	5	2 1/4	6 1/4	6 7/8	3/8
WPSO125-3-AA	1 1/4	3	2 1/4	4 1/4	5 1/4	3/8
WPSO125-5-AA	1 1/4	5	2 3/8	6 1/4	7	3/8
WPSO150-3-AA	1 1/2	3	2 1/2	4 1/4	4 7/8	3/8
WPSO150-5-AA	1 1/2	5	2 1/2	6 1/4	7	3/8
WPSO200-3-AA	2	3	2 3/4	4 1/4	5	3/8
WPSO200-5-AA	2	5	2 3/4	6 1/4	7 1/8	3/8
WPSO250-3-AA	2 1/2	3	3 1/8	4 1/4	5	3/8
WPSO250-5-AA	2 1/2	5	3 1/8	6 1/4	7 1/8	3/8
WPSO300-3-AA	3	3	3 5/8	4 1/4	5 1/8	3/8
WPSO300-5-AA	3	5	3 5/8	6 1/4	7 1/4	3/8
WPSO350-3-AA	3 1/2	3	4	4 1/4	5 3/8	1/2
WPSO350-5-AA	3 1/2	5	4	6 1/4	7 1/4	1/2
WPSO400-3-AA	4	3	4 1/2	4 1/4	5 1/8	1/2
WPSO400-5-AA	4	5	4 1/2	6 1/4	7 1/4	1/2
WPSO500-3-AA	5	3	5	4 1/4	5 3/8	1/2
WPSO500-5-AA	5	5	5	6 1/4	7 1/2	1/2
WPSO600-3-AA	6	3	5 1/2	4 1/4	5 3/8	1/2
WPSO600-5-AA	6	5	5 1/2	6 1/4	7 1/2	1/2
WPSO400-7-AA	4	7	4 1/4	8 5/8	9 5/8	1/2
WPSO500-7-AA	5	7	5	8 5/8	9 5/8	1/2
WPSO600-7-AA	6	7	5 1/2	8 5/8	9 5/8	1/2
WPSO800-5-AA	8	5	6 15/16	6 1/4	9 5/8	1/2
WPSO800-7-AA	8	7	6 15/16	8 5/8	9 5/8	1/2

DOSSERT[®] TYPE WPSSL-AA

Welded Slide Bus Support

Pipe or bus tube is welded to support. 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

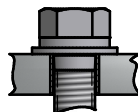
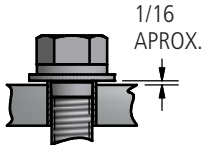
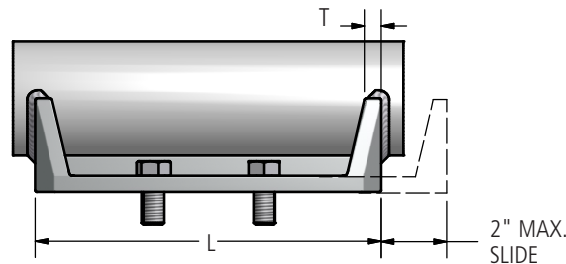
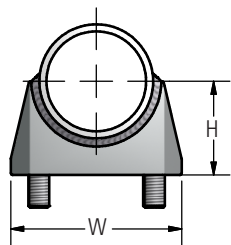
Hardware

Galvanized steel hardware for base mounting.

Notes

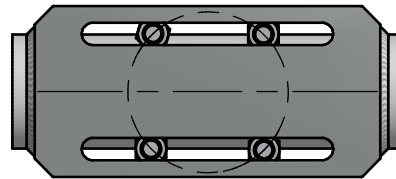
Add "R" to catalog number for rigid fit; EX: WPSSL300-5-R-AA

Add "SR" for slip and rigid fit; EX: WPSSL30-5-R-AA



SLIDE BUS SUPPORT ASSEMBLY 1

FIXED BUS SUPPORT ASSEMBLY 2



Ordering Information

CATALOG NUMBER		SPS	BOLT CIRCLE	DIMENSIONS IN INCHES				
SLIP FIT	RIGID FIT			H	L	T	W	BOLT SIZE
WPSSL100-3-AA	WPSSL100-3-R-AA	1	3	2	8-1/2	1/2	3-1/4	1/2
WPSSL100-5-AA	WPSSL100-5-R-AA	1	5	2-1/4	10-1/2	1/2	5-3/8	5/8
WPSSL125-3-AA	WPSSL125-3-R-AA	1-1/4	3	2-1/4	8-1/2	1/2	3-1/4	1/2
WPSSL125-5-AA	WPSSL125-5-R-AA	1-1/4	5	2-3/8	10-1/2	1/2	5-3/8	5/8
WPSSL150-3-AA	WPSSL150-3-R-AA	1-1/2	3	2-1/2	8-1/2	1/2	3-1/4	1/2
WPSSL150-5-AA	WPSSL150-5-R-AA	1-1/2	5	2-1/2	10-1/2	1/2	5-3/8	5/8
WPSSL200-3-AA	WPSSL200-3-R-AA	2	3	2-3/4	8-1/2	1/2	3-1/4	1/2
WPSSL200-5-AA	WPSSL200-5-R-AA	2	5	2-3/4	10-1/2	1/2	5-3/8	5/8
WPSSL250-3-AA	WPSSL250-3-R-AA	2-1/2	3	3-1/8	8-1/2	1/2	3-1/4	1/2
WPSSL250-5-AA	WPSSL250-5-R-AA	2-1/2	5	3-1/8	10-1/2	1/2	5-3/8	5/8
WPSSL300-3-AA	WPSSL300-3-R-AA	3	3	3-5/8	8-1/2	1/2	3-3/4	1/2
WPSSL300-5-AA	WPSSL300-5-R-AA	3	5	3-5/8	10-1/2	5/8	5-1/2	5/8
WPSSL350-3-AA	WPSSL350-3-R-AA	3-1/2	3	4	8-1/2	1/2	4-1/4	1/2
WPSSL350-5-AA	WPSSL350-5-R-AA	3-1/2	5	4	10-1/2	5/8	5-1/2	5/8
WPSSL400-3-AA	WPSSL400-3-R-AA	4	3	4-1/2	8-1/2	1/2	4-1/2	1/2
WPSSL400-5-AA	WPSSL400-5-R-AA	4	5	4-1/2	10-1/2	5/8	5-1/2	5/8
WPSSL450-3-AA	WPSSL450-3-R-AA	4-1/2	3	4-3/4	8-1/2	1/2	4-1/2	1/2
WPSSL450-5-AA	WPSSL450-5-R-AA	4-1/2	5	2-3/4	10-1/2	5/8	5-1/2	5/8
WPSSL500-3-AA	WPSSL500-3-R-AA	5	3	5	8-1/2	1/2	5	1/2
WPSSL500-5-AA	WPSSL500-5-R-AA	5	5	5	10-1/2	5/8	5-1/2	5/8
WPSSL500-7-AA	WPSSL500-7-R-AA	5	7	5	12-1/2	5/8	7-3/4	5/8
WPSSL600-3-AA	WPSSL600-3-R-AA	6	3	5-1/2	8-1/2	1/2	5-3/4	1/2
WPSSL600-5-AA	WPSSL600-5-R-AA	6	5	5-1/2	10-1/2	5/8	6	5/8
WPSSL800-5-AA	WPSSL800-5-R-AA	8	5	6-15/16	8-1/2	5/8	7-11/16	1/2
WPSSL800-7-AA	WPSSL800-7-R-AA	8	7	6-15/16	10-1/2	5/8	9-15/16	5/8

DOSSERT®

TYPE WPSV-AA

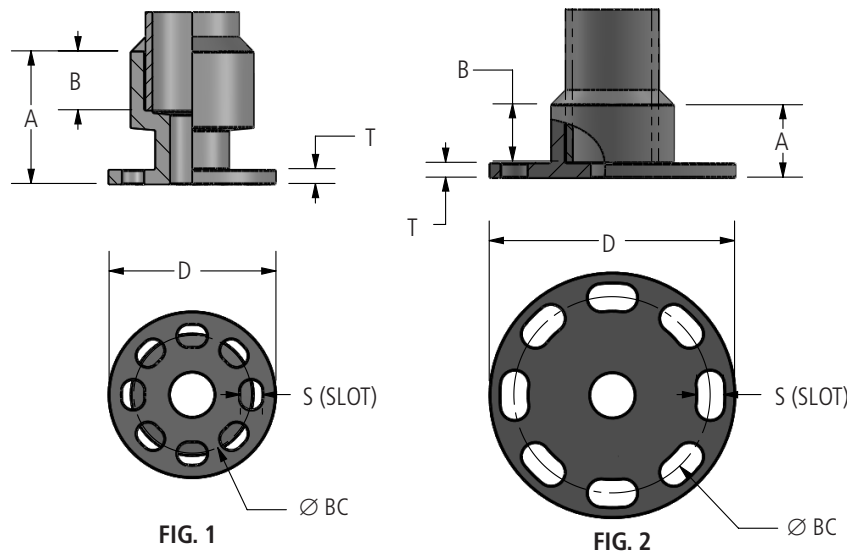
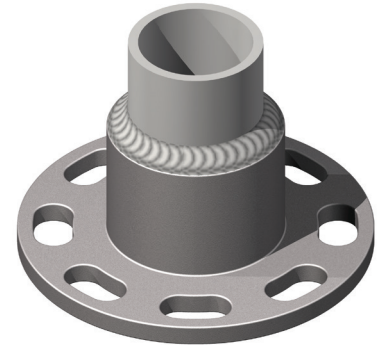
Vertical Welded Bus Support for Tubing or Pipe

Material

Aluminum Alloy

Hardware

Galvanized steel bolts and lockwashers.



Ordering Information

CATALOG NUMBER	SPS	BOLT CIRCLE	FIG. NO.	DIMENSIONS IN INCHES				
				A	B	D	S	T
WPSV100-3-AA	1	3	2	1-3/8	1	4-1/4	9/16	3/8
WPSV125-3-AA	1-1/4	3	1	3	1-1/4	4-1/4	9/16	3/8
WPSV125-5-AA	1-1/4	5	2	1-3/8	1	6-1/4	11/16	3/8
WPSV150-3-AA	1-1/2	3	1	3	1-1/4	4-1/4	9/16	3/8
WPSV150-5-AA	1-1/2	5	2	1-7/8	1-1/2	6-1/4	11/16	3/8
WPSV200-3-AA	2	3	1	3-3/8	1-1/2	4-1/4	9/16	3/8
WPSV200-5-AA	2	5	2	2-1/8	1-3/4	6-1/4	11/16	3/8
WPSV250-3-AA	2-1/2	3	1	3-3/4	1-3/4	4-1/4	9/16	3/8
WPSV250-5-AA	2-1/2	5	2	2-1/8	1-3/4	6-1/4	11/16	3/8
WPSV300-3-AA	3	3	1	3-7/8	1-3/4	4-1/4	9/16	3/8
WPSV300-5-AA	3	5	1	3-5/8	1-3/4	6-1/4	11/16	3/8
WPSV300-7-AA	3	7	2	2-1/8	1-3/4	8-1/2	13/16	3/8
WPSV350-3-AA	3-1/2	3	1	4-5/16	2	4-1/4	9/16	7/16
WPSV350-5-AA	3-1/2	5	1	4-5/16	2	6-1/4	11/16	7/16
WPSV350-7-AA	3-1/2	7	2	2-1/2	2	8-1/2	13/16	1/2
WPSV400-3-AA	4	3	1	3-7/8	1-3/4	4-1/4	9/16	3/8
WPSV400-5-AA	4	5	1	3-7/8	1-3/4	6-1/4	11/16	3/8
WPSV400-7-AA	4	7	1	3-7/8	1-3/4	8-1/2	13/16	1/2
WPSV450-3-AA	4-1/2	3	1	4-5/16	2	4-1/4	9/16	3/8
WPSV450-5-AA	4-1/2	5	1	4-1/8	1-3/4	6-1/4	11/16	3/8
WPSV450-7-AA	4-1/2	7	1	4-7/16	2	8-1/2	13/16	1/2
WPSV500-3-AA	5	3	1	4-5/16	2	4-1/4	9/16	1/2
WPSV500-5-AA	5	5	1	5-1/16	2	6-1/4	11/16	1/2
WPSV500-7-AA	5	7	1	5-1/16	2	8-1/2	13/16	1/2
WPSV600-3-AA	6	3	1	5-1/4	3	4-1/4	9/16	3/8
WPSV600-5-AA	6	5	1	5-3/8	3	6-1/4	11/16	1/2
WPSV600-7-AA	6	7	1	5-3/8	3	8-1/2	13/16	1/2
WPSV800-5-AA	8	5	1	6-3/8	3-3/4	6-1/4	11/16	1/2
WPSV800-7-AA	8	7	1	6-3/8	3-3/4	8-1/2	13/16	1/2

DOSSERT® TYPE WXBC-AA, WXBC-E-AA

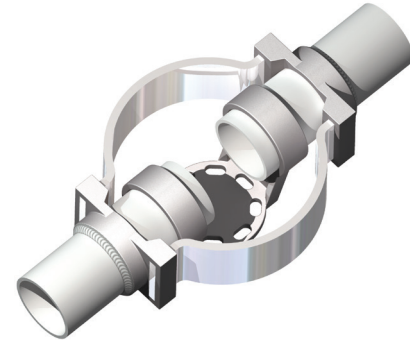
Expansion Support is designed to compensate for expansion and contraction in long bus runs.

Material

Aluminum Alloy

Hardware

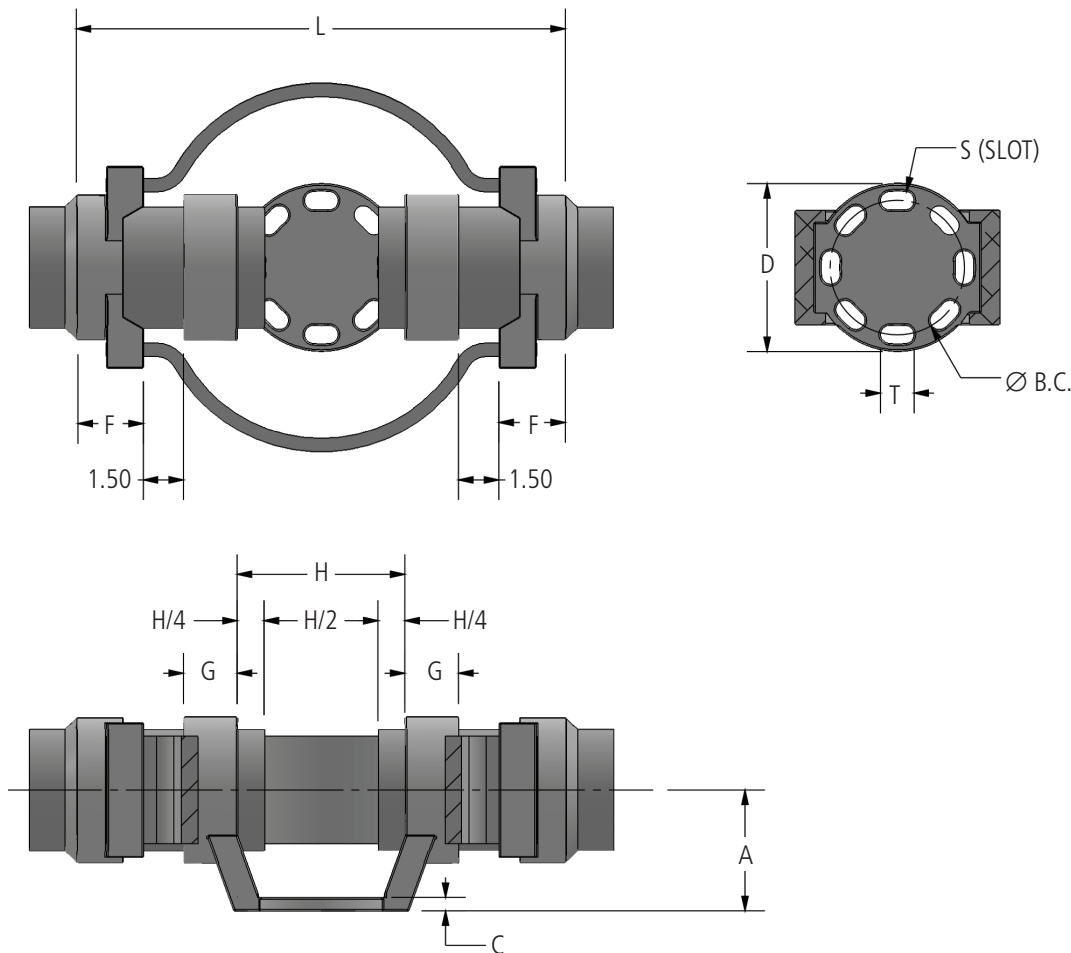
Galvanized steel bolts and lockwashers



WXBC-AA

Notes

- For Welded End Plug, add "-WP" to the catalog number. EX: WXBC400-5-AA-WP
- For Chatter Spring, add "-CH" to the catalog number. EX: WXBC400-5-CH-AA



continued

DOSSERT® TYPE WXBC-AA, WXBC-E-AA

Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES									
SCHEDULE 40	SCHEDULE 80		A	B.C.	C	D	F	G	H	L	S	T
WXBC100-3-AA	WXBC100E-3-AA	1	2.00	3.00	0.38	4.25	1.50	1.25	4.50	13.00	0.56	0.81
WXBC125-3-AA	WXBC125E-3-AA	1 1/4	2.25	3.00	0.38	4.25	1.50	1.25	4.50	13.00	0.56	0.81
WXBC125-5-AA	WXBC125E-5-AA	1 1/4	2.38	5.00	0.38	6.25	1.50	1.25	6.25	14.75	0.69	1.06
WXBC150-3-AA	WXBC150E-3-AA	1 1/2	2.50	3.00	0.38	4.25	1.75	1.25	4.50	13.50	0.56	0.81
WXBC150-5-AA	WXBC150E-5-AA	1 1/2	2.50	5.00	0.38	6.25	1.75	1.25	6.25	15.25	0.69	1.06
WXBC200-3-AA	WXBC200E-3-AA	2	2.75	3.00	0.38	4.25	2.19	1.25	4.50	14.38	0.56	0.81
WXBC200-5-AA	WXBC200E-5-AA	2	2.75	5.00	0.38	6.25	2.19	1.25	6.25	16.13	0.69	1.06
WXBC200-7-AA	WXBC200E-7-AA	2	2.75	7.00	0.38	8.50	2.19	1.25	8.75	18.75	0.81	1.63
WXBC250-3-AA	WXBC250E-3-AA	2 1/2	3.13	3.00	0.38	4.25	2.19	1.25	4.50	14.38	0.56	0.81
WXBC250-5-AA	WXBC250E-5-AA	2 1/2	3.13	5.00	0.38	6.25	2.19	1.25	6.25	16.13	0.69	1.06
WXBC250-7-AA	WXBC250E-7-AA	2 1/2	3.13	7.00	0.38	8.50	2.19	1.25	8.75	18.75	0.81	1.63
WXBC300-3-AA	WXBC300E-3-AA	3	3.63	3.00	0.44	4.25	2.31	1.63	4.50	14.63	0.56	0.81
WXBC300-5-AA	WXBC300E-5-AA	3	3.63	5.00	0.50	6.25	2.31	1.63	6.25	16.38	0.69	1.06
WXBC300-7-AA	WXBC300E-7-AA	3	3.63	7.00	0.44	8.50	2.31	1.63	8.75	19.75	0.81	1.63
WXBC350-3-AA	WXBC350E-3-AA	3 1/2	4.00	3.00	0.50	4.25	2.31	1.25	4.50	14.63	0.56	0.81
WXBC350-5-AA	WXBC350E-5-AA	3 1/2	4.00	5.00	0.50	6.25	2.25	1.25	7.13	17.13	0.69	1.06
WXBC350-7-AA	WXBC350E-7-AA	3 1/2	4.00	7.00	0.50	6.25	2.25	1.25	8.75	19.75	0.81	1.63
WXBC350-5-S-AA	WXBC350E-5-S-AA	3 1/2	5.00	5.00	0.50	6.25	2.25	1.25	7.13	17.13	0.69	1.06
WXBC400-3-AA	WXBC400E-3-AA	4	4.50	3.00	0.50	4.25	2.50	2.00	4.50	15.50	0.56	0.81
WXBC400-5-AA	WXBC400E-5-AA	4	4.50	5.00	0.50	6.25	2.50	2.00	6.25	17.25	0.69	1.06
WXBC400-7-AA	WXBC400E-7-AA	4	4.50	7.00	0.50	8.50	2.50	2.00	8.75	20.50	0.81	1.63
WXBC500-3-AA	WXBC500E-3-AA	5	5.00	3.00	0.50	4.25	2.50	2.00	4.50	15.50	0.56	0.81
WXBC500-5-AA	WXBC500E-5-AA	5	5.00	5.00	0.50	6.25	2.50	2.00	6.25	18.25	0.69	1.06
WXBC500-7-AA	WXBC500E-7-AA	5	5.00	7.00	0.63	8.50	2.50	2.00	8.75	19.75	0.81	1.63
WXBC500-5-S-AA	WXBC500E-5-S-AA	5	4.88	5.00	0.50	6.25	2.50	2.00	6.25	17.25	0.69	1.06
WXBC600-3-AA	WXBC600E-3-AA	6	5.50	3.00	0.50	4.25	2.50	2.00	4.50	15.50	0.56	0.81
WXBC600-5-AA	WXBC600E-5-AA	6	5.50	5.00	0.50	6.25	2.50	2.00	6.25	19.75	0.69	1.06
WXBC600-7-AA	WXBC600E-7-AA	6	5.50	7.00	0.63	8.50	2.50	2.00	8.75	22.75	0.81	1.63
WXBC800R-5-AA	—	8 OD	6.38	5.00	0.63	6.25	3.00	2.00	8.50	21.50	0.69	1.06
WXBC800R-7-AA	—	8 OD	6.38	7.00	0.63	8.50	3.00	2.00	8.50	21.50	0.81	1.63

DOSSERT® TYPE 14700

Straight Adapter Tube To Cable

Adapter is designed to make inline connection between pipe and stranded cable. 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

Notes

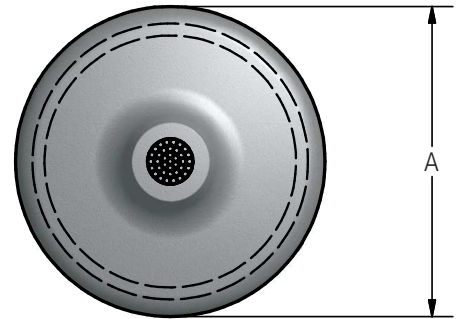
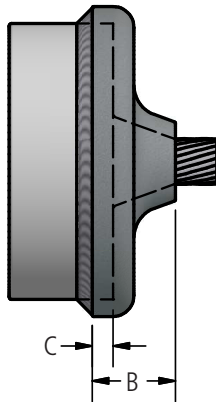
1. Table 1 shows physical characteristics of each catalog series.
2. Table 2 shows specific catalog numbers.

Ordering Instructions

1. Determine Catalog Number

Determine the catalog number from Table 2 based on the bus conductor and the diameter of the stranded conductor being used.

Ex: A straight adapter for a run conductor of 3" Sch 40 and a stranded conductor diameter of 0.926" the complete catalog number is : 14708.100



DOSSERT®

TYPE 14700

Straight Adapter Tube To Cable

TABLE 1 (PHYSICAL CHARACTERISTICS BY SERIES)

CATALOG NUMBER	SPS	DIMENSIONS IN INCHES			NOMINAL WEIGHT
		A	B	C	LBS
14702	3/4	1.50	1.19	0.19	0.12
14703	1	1.84	1.44	0.19	0.19
14704	1 1/4	2.19	2.00	0.25	0.50
14705	1 1/2	2.56	2.44	0.44	0.56
14706	2	2.97	2.44	0.44	0.56
14707	2 1/2	3.53	2.00	0.44	0.81
14708	3	4.22	2.00	0.44	1.20
14709	3 1/2	4.66	2.00	0.44	1.30
14710	4	5.22	2.00	0.50	1.50
14712	5	6.38	2.00	0.50	1.90
14713	6	7.44	2.00	0.50	2.60

Ordering Information

TABLE 2

STANDARD CONDUCTOR DIAMETER RANGE INCH	CATALOG NUMBERS										
	RUN CONDUCTORS										
	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
.366-.394	14702.4	14703.4	14704.4	14705.4	14706.4	14707.4	14708.4	14709.4	14710.4	14712.4	14713.4
.395-.428	14702.44	14703.44	14704.44	14705.44	14706.44	14707.44	14708.44	14709.44	14710.44	14712.44	14713.44
.429-.459	14702.47	14703.47	14704.47	14705.47	14706.47	14707.47	14708.47	14709.47	14710.47	14712.47	14713.47
.460-.49	14702.5	14703.5	14704.5	14705.5	14706.5	14707.5	14708.5	14709.5	14710.5	14712.5	14713.5
.491-.521	14702.53	14703.53	14704.53	14705.53	14706.53	14707.53	14708.53	14709.53	14710.53	14712.53	14713.53
.522-.552	14702.56	14703.56	14704.56	14705.56	14706.56	14707.56	14708.56	14709.56	14710.56	14712.56	14713.56
.553-.599	14702.61	14703.61	14704.61	14705.61	14706.61	14707.61	14708.61	14709.61	14710.61	14712.61	14713.61
.600-.644	14702.66	14703.66	14704.66	14705.66	14706.66	14707.66	14708.66	14709.66	14710.66	14712.66	14713.66
.645-.691	-	14703.7	14704.7	14705.7	14706.7	14707.7	14708.7	14709.7	14710.7	14712.7	14713.7
.692-.738	-	14703.75	14704.75	14705.75	14706.75	14707.75	14708.75	14709.75	14710.75	14712.75	14713.75
.739-.800	-	14703.81	14704.81	14705.81	14706.81	14707.81	14708.81	14709.81	14710.81	14712.81	14713.81
.801-.863	-	14703.88	14704.88	14705.88	14706.88	14707.88	14708.88	14709.88	14710.88	14712.88	14713.88
.864-.925	-	-	14704.94	14705.94	14706.94	14707.94	14708.94	14709.94	14710.94	14712.94	14713.94
.926-.985	-	-	14704.1	14705.1	14706.1	14707.1	14708.1	14709.1	14710.1	14712.1	14713.1
.986-1.047	-	-	14704.106	14705.106	14706.106	14707.106	14708.106	14709.106	14710.106	14712.106	14713.106
1.048-1.110	-	-	14704.112	14705.112	14706.112	14707.112	14708.112	14709.112	14710.112	14712.112	14713.112
1.111-1.173	-	-	14704.119	14705.119	14706.119	14707.119	14708.119	14709.119	14710.119	14712.119	14713.119
1.174-1.235	-	-	14704.125	14705.125	14706.125	14707.125	14708.125	14709.125	14710.125	14712.125	14713.125
1.236-1.297	-	-	14704.131	14705.131	14706.131	14707.131	14708.131	14709.131	14710.131	14712.131	14713.131
1.298-1.360	-	-	14704.138	14705.138	14706.138	14707.138	14708.138	14709.138	14710.138	14712.138	14713.138
1.361-1.423	-	-	-	14705.144	14706.144	14707.144	14708.144	14709.144	14710.144	14712.144	14713.144
1.424-1.485	-	-	-	14705.15	14706.15	14707.15	14708.15	14709.15	14710.15	14712.15	14713.15
1.486-1.542	-	-	-	14705.156	14706.156	14707.156	14708.156	14709.156	14710.156	14712.156	14713.156

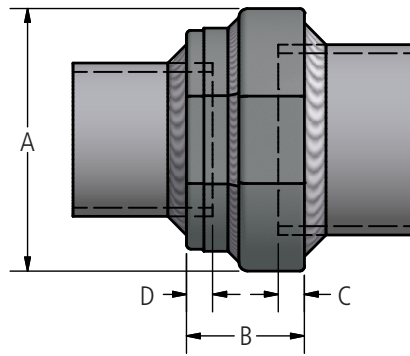
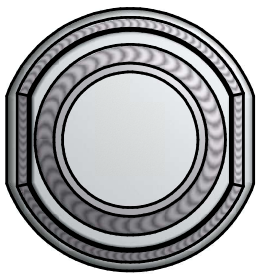
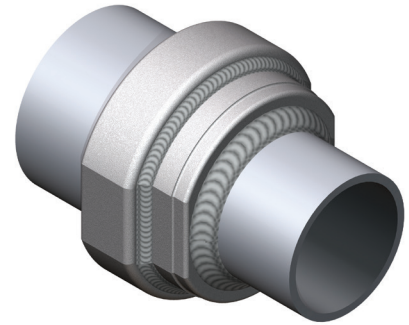
DOSSERT® TYPE 15100

Reducer Connector For Pipe

Reducer connector is designed to connect unequal pipe sizes with minimum amount of trouble. 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 SCH40 & SCH80		DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS
	RUN	BRANCH	A	B	C	D	
15103-2	1	3/4	1.88	0.84	0.15	0.19	0.20
15104-2	1 1/4	3/4	2.19	1.00	0.25	0.19	0.25
15104-3	1 1/4	1	2.19	1.09	0.25	0.19	0.29
15105-2	1 1/2	3/4	2.44	1.00	0.38	0.19	0.27
15105-3	1 1/2	1	2.44	1.09	0.38	0.19	0.33
15105-4	1 1/2	1 1/4	2.44	1.25	0.38	0.25	0.37
15106-2	2	3/4	2.94	1.12	0.44	0.19	0.39
15106-3	2	1	2.94	1.22	0.44	0.19	0.45
15106-4	2	1 1/4	2.94	1.38	0.44	0.25	0.49
15106-5	2	1 1/2	2.94	1.38	0.44	0.38	0.57
15107-2	2 1/2	3/4	3.50	1.19	0.44	0.19	0.52
15107-3	2 1/2	1	3.50	1.28	0.44	0.19	0.58
15107-4	2 1/2	1 1/4	3.50	1.44	0.44	0.25	0.62
15107-5	2 1/2	1 1/2	3.50	1.44	0.44	0.38	0.70
15107-6	2 1/2	2	3.50	1.56	0.44	0.44	0.82
15108-2	3	3/4	4.12	1.31	0.44	0.19	0.83
15108-3	3	1	4.12	1.41	0.44	0.19	0.89
15108-4	3	1 1/4	4.12	1.56	0.44	0.25	0.93
15108-5	3	1 1/2	4.12	1.56	0.44	0.38	1.00
15108-6	3	2	4.12	1.69	0.44	0.44	1.10
15108-7	3	2 1/2	4.12	1.75	0.44	0.44	1.30
15109-2	3.5	3/4	4.69	1.31	0.44	0.19	1.1
15109-3	3.5	1	4.69	1.41	0.44	0.19	1.1
15109-4	3.5	1 1/4	4.69	1.56	0.44	0.25	1.2
15109-5	3.5	1 1/2	4.69	1.56	0.44	0.38	1.3
15109-6	3.5	2	4.69	1.69	0.44	0.44	1.4
15109-7	3.5	2 1/2	4.69	1.75	0.44	0.44	1.5
15109-8	3.5	3	4.69	1.88	0.44	0.44	1.9

DOSSERT®

TYPE 15100

Reducer Connector For Pipe

Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE SCH40 & SCH80		DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS.
	RUN	BRANCH	A	B	C	D	
15110-2	4	3/4	5.19	1.38	0.5	0.19	1.3
15110-3	4	1	5.19	1.47	0.5	0.19	1.3
15110-4	4	1 1/4	5.19	1.62	0.5	0.25	1.4
15110-5	4	1 1/2	5.19	1.62	0.5	0.44	1.5
15110-6	4	2	5.19	1.75	0.5	0.44	1.6
15110-7	4	2 1/2	5.19	1.81	0.5	0.44	1.7
15110-8	4	3	5.19	1.94	0.5	0.44	2.1
15110-9	4	3 1/2	5.19	1.94	0.5	0.44	2.3
15112-2	5	3/4	6.25	1.38	0.5	0.19	1.8
15112-3	5	1	6.25	1.47	0.5	0.19	1.8
15112-4	5	1 1/4	6.25	1.62	0.5	0.25	1.9
15112-5	5	1 1/2	6.25	1.62	0.5	0.38	2
15112-6	5	2	6.25	1.75	0.5	0.44	2.1
15112-7	5	2 1/2	6.25	1.81	0.5	0.44	2.2
15112-8	5	3	6.25	1.94	0.5	0.44	2.6
15112-9	5	3 1/2	6.25	1.94	0.5	0.44	2.8
15112-10	5	4	6.25	2	0.5	0.5	3.1
15113-2	6	7/8	7.38	1.38	0.5	0.19	2.4
15113-3	6	1	7.38	1.47	0.5	0.19	2.4
15113-4	6	1 1/4	7.38	1.62	0.5	0.25	2.5
15113-5	6	1 1/2	7.38	1.62	0.5	0.38	2.6
15113-6	6	2	7.38	1.75	0.5	0.44	2.7
15113-7	6	2 1/2	7.38	1.81	0.5	0.44	2.8
15113-8	6	3	7.38	1.94	0.5	0.44	3.2
15113-9	6	3 1/2	7.38	1.94	0.5	0.44	3.4
15113-10	6	4	7.38	2	0.5	0.5	3.7
15113-12	6	5	7.38	2	0.5	0.5	4.3

230 kV Aluminum Welded Couplers

DOSSERT[®] TYPE WS-AA, WS-E-AA

Aluminum Welded Coupler

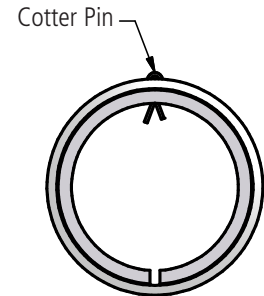
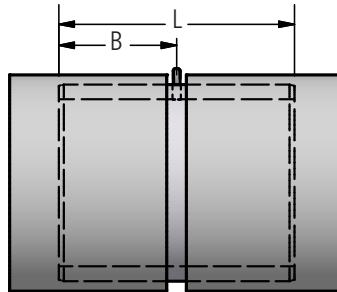
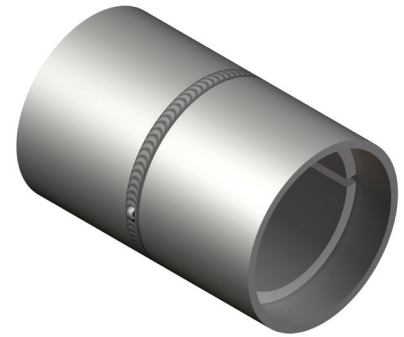
A shorter version of the Type WWC coupler, also made to special lengths.

Material

Aluminum Tubing

Notes

- To order special lengths, add desired (L) dimension to the catalog number.
Example: WS500-15-AA for 15 inch coupler.



Ordering Information

CATALOG NUMBER		NOMINAL PIPE SIZE	DIMENSIONS IN INCHES	
SCH 40	SCH 80		B	L
WS100-AA	WS100E-AA	1	1-3/4	3-1/2
WS125-AA	WS125E-AA	1-1/4	2	4
WS150-AA	WS150E-AA	1-1/2	2	4
WS200-AA	WS200E-AA	2	2	4
WS250-AA	WS250E-AA	2-1/2	3	6
WS300-AA	WS300E-AA	3	3	6
WS350-AA	WS350E-AA	3-1/2	3	6
WS400-AA	WS400E-AA	4	3	6
WS450-AA	WS450E-AA	4-1/2	3	6
WS500-AA	WS500E-AA	5	3	6
WS600-AA	WS600E-AA	6	3	6
WS800-AA	WS800E-AA	8	3	6
WS1000-AA	WS1000E-AA	10	3	6

DOSSERT® TYPE WSXL-SI-AA

Aluminum To Bronze Angular Expansion Connector

Expansion connector is designed for expansion and contraction in long bus runs. Stud connector can be adjusted to suit customers application.

Material

Aluminum Alloy

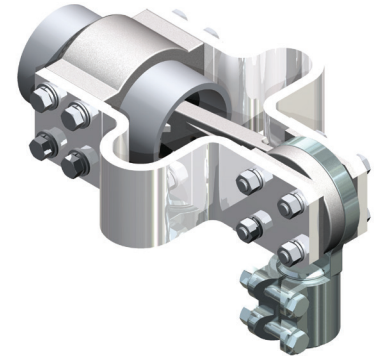
Hardware

Stainless steel nuts, bolts and belleville washers on aluminum bus.

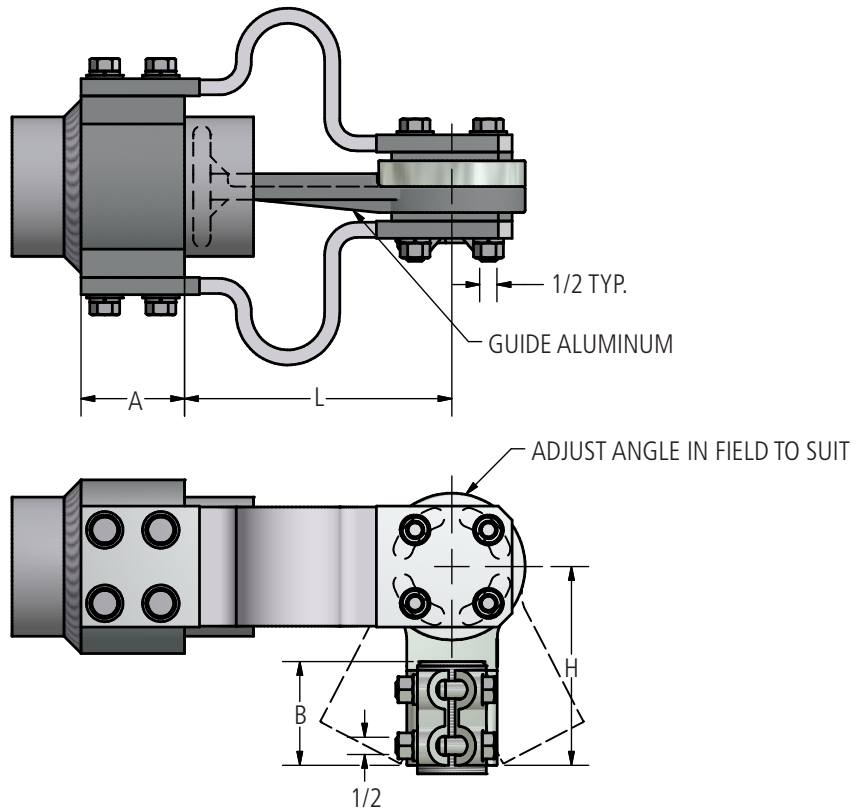
Notes

For a custom thread count change the number after the "T" in the catalog number. Ex: WSXL200C-350-SI-T0-AA

Additional sizes are available.



230 kV Aluminum Welded Couplers



Ordering Information

STUD (S)	SPS	CATALOG NUMBER	DIMENSIONS IN INCHES			
			A	B	H	L
2"-12	2	WSXL200C-350-SI-T12-AA	3	2 3/4	5 3/4	7 3/4
2"-12	4E*	WSXL200C-400E-SI-T12-AA	3	2 3/4	5 3/4	9 5/16
3"-12	4E*	WSXL300C-400E-SI-T12-AA	3	3	6 5/8	9 5/16

* Suffix E indicates SCH 80.

DOSSERT® TYPE WWC-AA, WWC-E-AA

Aluminum Welded Coupler

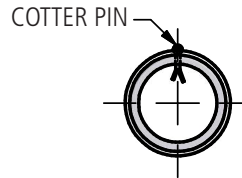
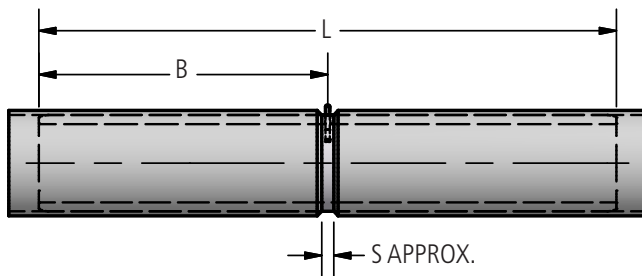
Coupler is designed to make connections with high mechanical strength and high electrical conductivity.

Material

Aluminum Alloy

Notes

- For pipe sizes greater than 6 inch or special I.D. and O.D. applications, please contact AFL.



Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES		
SCHEDULE 40	SCHEDULE 80		B	L	S
WWC75-AA	WWC75E-AA	3/4	2-1/4	4-1/2	1/4
WWC100-AA	WWC100E-AA	1	3	6	1/4
WWC125-AA	WWC125E-AA	1-1/4	3-3/4	7-1/2	3/8
WWC150-AA	WWC150E-AA	1-1/2	4-1/2	9	3/8
WWC200-AA	WWC200E-AA	2	6	12	3/8
WWC250-AA	WWC250E-AA	2-1/2	7-1/2	15	1/2
WWC300-AA	WWC300E-AA	3	9	18	1/2
WWC350-AA	WWC350E-AA	3-1/2	10-1/2	21	1/2
WWC400-AA	WWC400E-AA	4	12	24	1/2
WWC450-AA	WWC450E-AA	4-1/2	12	24	1/2
WWC500-AA	WWC500E-AA	5	12	24	1/2
WWC600-AA	WWC600E-AA	6	12	24	5/8
WWC600-5/8-AA	—	6 - 5/8 WALL	12.00	24.00	0.63
WWC600R38-AA	—	6 OD 3/8 WALL	19	38	5/8
WWC800-AA	WWC800E-AA	8	12	24	5/8
WWC800R38-AA	—	8 OD 3/8 WALL	19	38	5/8
WWC800R-AA	—	8 OD 1/2 WALL	12	24	5/8
WWC800R9/32-AA	—	8 OD 9/32 WALL	12.00	24.00	0.63

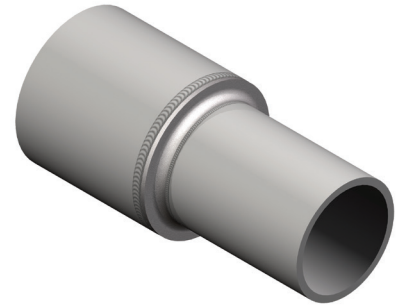
DOSSERT® TYPE WWCR-AA, WWCR-E-AA

Reducing Coupler

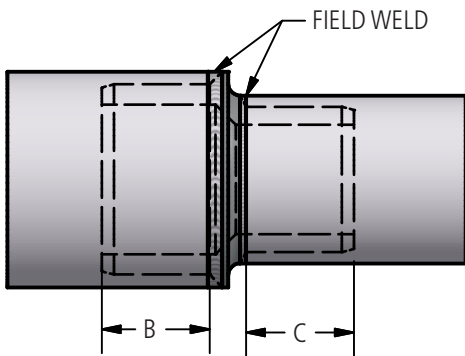
A reducing coupler for joining aluminum pipe of different diameters. Provides maximum structural reinforcement at the joint as well as a neat and corona free installation. Pipe is easily aligned and held during welding.

Material

Aluminum-Silicon Alloy



230 kV Aluminum
Welded Couplers



Ordering Information

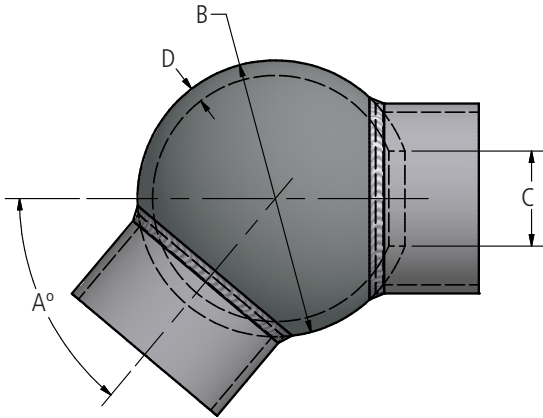
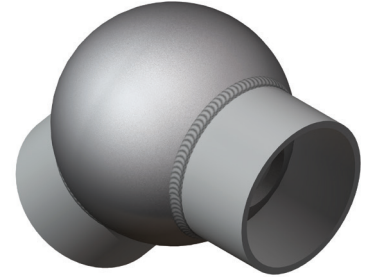
CATALOG NUMBER		SPS		DIMENSIONS IN INCHES	
SCHEDULE 40	SCHEDULE 80	RUN	TAP	B	C
WWCR125-100-AA	WWCR125E-100-AA	1-1/4	1	1	3/4
WWCR150-100-AA	WWCR150E-100-AA	1-1/2	1	1	3/4
WWCR150-125-AA	WWCR150E-125-AA	1-1/2	1-1/4	1	1
WWCR200-100-AA	WWCR200E-100-AA	2	1	1-1/4	3/4
WWCR200-125-AA	WWCR200E-125-AA	2	1-1/4	1-1/4	1
WWCR200-150-AA	WWCR200E-150-AA	2	1-1/2	1-1/4	1
WWCR250-125-AA	WWCR250E-125-AA	2-1/2	1-1/4	1-1/2	1
WWCR250-150-AA	WWCR250E-150-AA	2-1/2	1-1/2	1-1/2	1
WWCR250-200-AA	WWCR250E-200-AA	2-1/2	2	1-1/2	1-1/4
WWCR300-100-AA	WWCR300E-100-AA	3	1	1-3/4	3/4
WWCR300-150-AA	WWCR300E-150-AA	3	1-1/2	1-3/4	1
WWCR300-200-AA	WWCR300E-200-AA	3	2	1-3/4	1-1/4
WWCR300-250-AA	WWCR300E-250-AA	3	2-1/2	1-3/4	1-1/2
WWCR350-200-AA	WWCR350E-200-AA	3-1/2	2	1-3/4	1-1/4
WWCR400-200-AA	WWCR400E-200-AA	4	2	2-1/4	1-1/4
WWCR400-250-AA	WWCR400E-250-AA	4	2-1/2	2-1/4	1-1/2
WWCR400-300-AA	WWCR400E-300-AA	4	3	2-1/4	1-3/4
WWCR450-400-AA	WWCR450E-400-AA	4-1/2	4	2-1/2	2-1/4
WWCR500-250-AA	WWCR500E-250-AA	5	2-1/2	2-3/4	1-1/2
WWCR500-300-AA	WWCR500E-300-AA	5	3	2-3/4	1-3/4
WWCR500-400-AA	WWCR500E-400-AA	5	4	2-3/4	2-1/4
WWCR500-350-AA	WWCR500E-350-AA	5	3-1/2	2-3/4	2
WWCR600-300-AA	WWCR600E-300-AA	6	3	3	1-3/4
WWCR600-400-AA	WWCR600E-400-AA	6	4	3	2-1/4
WWCR600-500-AA	WWCR600E-500-AA	6	5	3	2-3/4
WWCR800-400-AA	WWCR800E-400-AA	8	4	4	2-1/4
WWCR800-500-AA	WWCR800E-500-AA	8	5	4	2-3/4
WWCR800-600-AA	WWCR800E-600-AA	8	6	4	3-1/4

DOSSERT® TYPE WWSC-AA Weldment Spherical Coupler

WWSC-AA is a variable angle coupler for aluminum pipe conductor.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS	DIMENSIONS IN INCHES				MAX KV
		A° (MAX)	B	C	D	
WWSC500-AA	1 1/2	130	5	1 3/4	5/16	230
WWSC500-AA	2	115	5	1 3/4	5/16	230
WWSC500-AA	2 1/2	105	5	1 3/4	5/16	230
WWSC500-AA	3	90	5	1 3/4	5/16	230
WWSC500-AA	3 1/2	80	5	1 3/4	5/16	230
WWSC500-AA	4	50	5	1 3/4	5/16	230
WWSC800-AA	3 THROUGH 5	90	8	2 3/4	7/16	345
WWSC800-AA	6	60	8	2 3/4	7/16	345
WWSC800-AA	8 OD	40	8	2 3/4	7/16	345
WWSC1200-AA	3	140	12	2 3/4	3/8	500
WWSC1200-AA	3 1/2	135	12	2 3/4	3/8	500
WWSC1200-AA	4	130	12	2 3/4	3/8	500
WWSC1200-AA	5	120	12	2 3/4	3/8	500
WWSC1200-AA	6	100	12	2 3/4	3/8	500
WWSC1200-AA	8 OD	90	12	2 3/4	3/8	500

DOSSERT® TYPE XWWC-AA, XWWC-E-AA

Bus Expansion Coupler

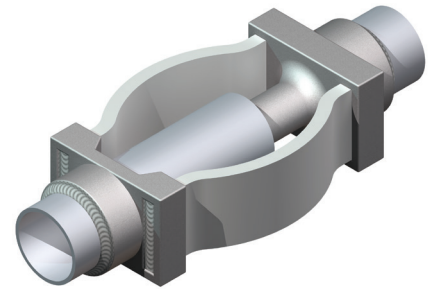
Expansion coupler for aluminum pipe connections. Provided with alignment guide for field welds.

Material

Aluminum Alloy

Notes

1. If alignment guide is not required, add "P" to the catalog number prefix. EX: XWWCP100-AA.
2. For Dimension "E", refer to pages 11-12 in the General Information section.



230 kV Aluminum Welded Couplers

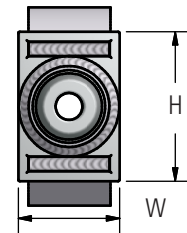
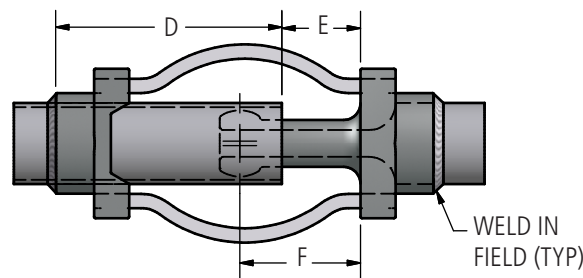


FIG. 1

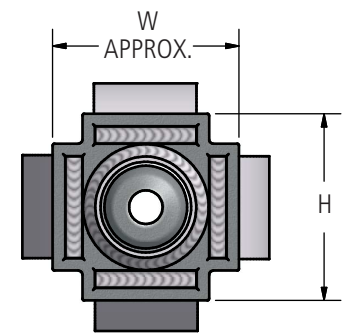
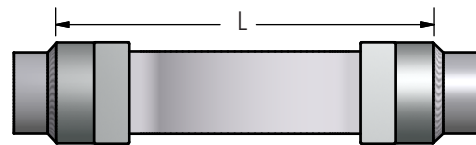


FIG. 2

Ordering Information

CATALOG NUMBER		SPS	FIG. NO.	DIMENSIONS IN INCHES				
SCH 40	SCH 80			D	F	H	L	W
XWWC100-AA	XWWC100E-AA	1	1	5 3/4	3 1/4	3	8 9/16	1 3/4
XWWC125-AA	XWWC125E-AA	1 1/4	1	6 3/4	3 1/4	3 1/4	9 1/2	2
XWWC150-AA	XWWC150E-AA	1 1/2	1	7 1/4	3 1/2	3 1/2	10 5/16	2 1/4
XWWC200-AA	XWWC200E-AA	2	1	7 7/16	4 3/4	3 3/4	11 3/4	3 13/16
XWWC250-AA	XWWC250E-AA	2 1/2	1	8 7/16	4 3/4	5 5/16	12 13/16	3 13/16
XWWC300-AA	XWWC300E-AA	3	1	8 3/8	5 9/16	6 1/4	13 13/16	3 13/16
XWWC350-AA	XWWC350E-AA	3 1/2	1	10	4 3/4	6 13/16	14 7/8	3 13/16
XWWC400-AA	XWWC400E-AA	4	2	10 7/16	4 3/4	7 1/8	15 13/16	7 1/8
XWWC500-AA	XWWC500E-AA	5	1	11 1/8	6 5/8	9 1/8	17 1/8	6 1/16
XWWC600-AA	XWWC600E-AA	6	2	11 1/8	6 5/8	9 9/16	18	9 9/16

DOSSERT[®] TYPE XWWCT-AA

Expansion Coupler

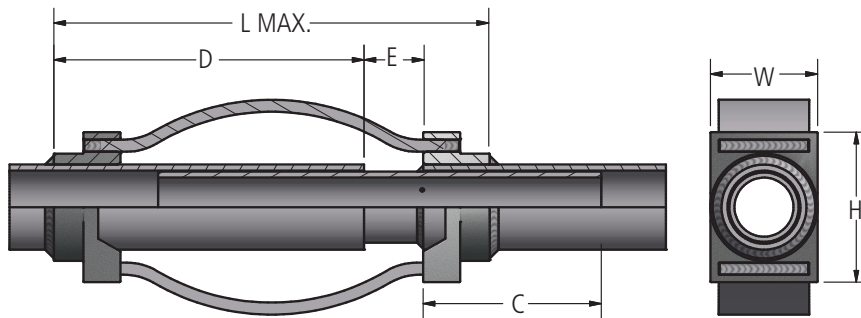
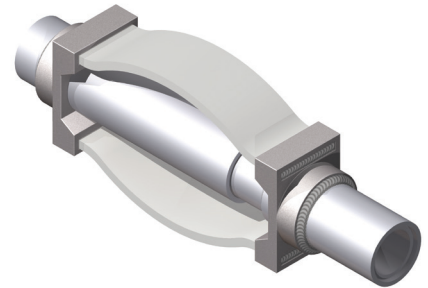
Expansion coupler is designed to compensate for expansion and contraction in long bus runs. An extruded pipe is provided to be field welded in place and provides alignment of bus.

Material

Aluminum Alloy

Notes

- For dimension "E", refer to pages 11-12 in the General Information section.



Ordering Information

CATALOG NUMBER		SPS / EHPS	DIMENSIONS IN INCHES				
SCH 40	SCH 80		C	D	H	L	W
XWWCT200-AA	XWWCT200E-AA	2	5 1/2	10 1/2	4 3/4	17 3/8	3 3/4
XWWCT250-AA	XWWCT250E-AA	2 1/2	6	10 1/2	5 1/16	17 1/2	3 5/8
XWWCT300-AA	XWWCT300E-AA	3	6 1/2	10 1/2	6 1/4	17 1/2	3 13/16
XWWCT350-AA	XWWCT350E-AA	3 1/2	7	10 1/2	6 7/8	17 1/2	3 11/16
XWWCT400-AA	XWWCT400E-AA	4	7 1/2	10 1/2	7 7/16	18	4 15/16
XWWCT500-AA	XWWCT500E-AA	5	8	10 1/2	9 1/8	18	6 1/16
XWWCT600-AA	XWWCT600E-AA	6	8	10 3/4	10	18	6 9/16

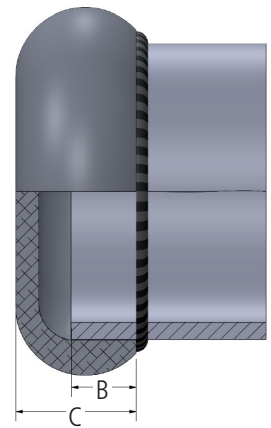
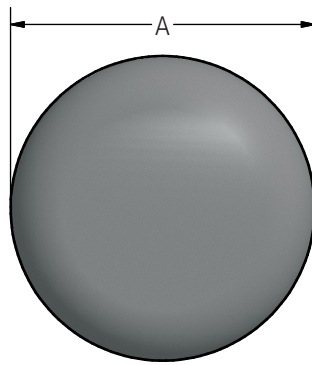
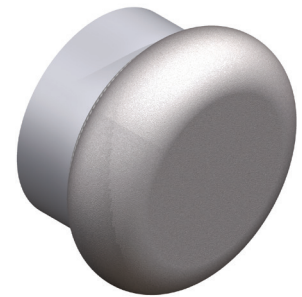
DOSSERT® TYPE WCX-AA

Aluminum Welded, External Fit End Plug

External fit end plug for aluminum pipe or tube. End bell is inserted onto pipe and field welded. Good for both Schedule 40 and 80 sizes.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS	DIMENSIONS IN INCHES		
		A	B	C
WCX75-AA	3/4	1 1/2	7/16	5/8
WCX100-AA	1	1 7/8	7/16	5/8
WCX125-AA	1 1/4	2 1/4	1/2	3/4
WCX150-AA	1 1/2	2 11/32	3/8	25/32
WCX200-AA	2	3	15/32	7/8
WCX250-AA	2 1/2	3 23/32	19/32	1 1/8
WCX300-AA	3	4 3/8	25/32	1 1/2
WCX350-AA	3 1/2	4 31/32	13/16	1 5/8
WCX400-AA	4	5 5/8	29/32	1 7/8
WCX500-AA	5	6 23/32	1 1/8	2 7/32
WCX600-AA	6	7 7/8	1 11/32	2 7/16

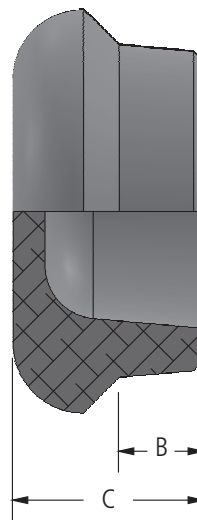
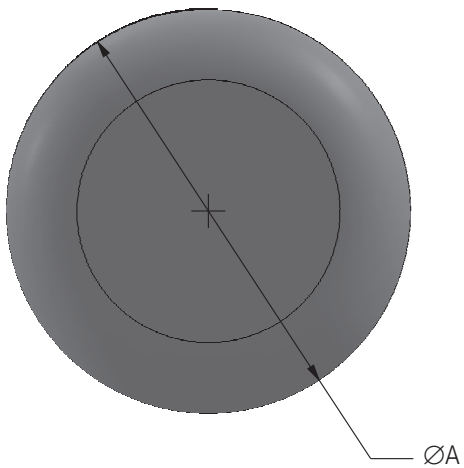
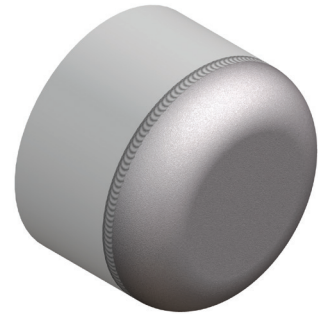
DOSSERT® TYPE WCI-AA, WCI-E-AA

Aluminum Welded, Internal Fit, Corona / End Bell

Internal fit corona or end bell for aluminum pipe or tube. Bell is inserted into pipe end and field welded.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES		
SCH 40	SCH 80		A	B	C
WCI75-AA	WCI75E-AA	3/4	1-1/16	7/16	7/8
WCI100-AA	WCI100E-AA	1	1-5/16	7/16	7/8
WCI125-AA	WCI125E-AA	1-1/4	1-21/32	1/2	1
WCI150-AA	WCI150E-AA	1-1/2	1-29/32	1/2	1-1/8
WCI200-AA	WCI200E-AA	2	2-3/8	1/2	1-1/8
WCI250-AA	WCI250E-AA	2-1/2	2-7/8	5/8	1-3/8
WCI300-AA	WCI300E-AA	3	3-1/2	1	2-1/8
WCI350-AA	WCI350E-AA	3-1/2	4	1	2
WCI400-AA	WCI400E-AA	4	4-1/2	1	2
WCI500-AA	WCI500E-AA	5	5-9/16	1-1/4	2-1/4
WCI600-AA	WCI600E-AA	6	6-5/8	1-1/4	2-1/4
WCI600-5/8-AA	—	6	6-5/8	1	2
WCI800-AA	WCI800E-AA	8	8-5/8	1	2-1/4

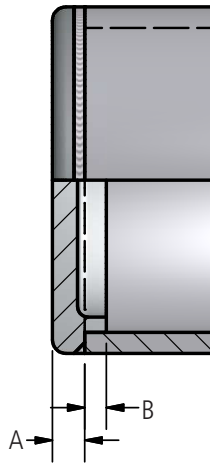
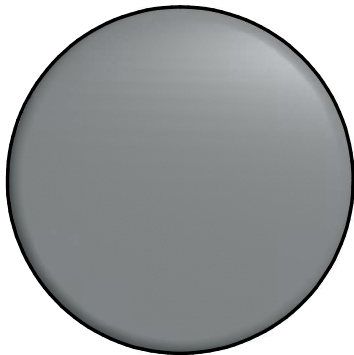
DOSSERT® TYPE WP-AA, WP-E-AA

Aluminum Welded, Internal Fit, End Plug

Internal fit end plug for aluminum pipe or tube. End plug is inserted into pipe and field welded.

Material

Aluminum Alloy



230 kV Aluminum
Welded End Bells

Ordering Information

CATALOG NUMBER		SPS	DIMENSIONS IN INCHES	
SCH 40	SCH 80		A	B
WP150-AA	WP150E-AA	1 1/2	1/4	3/16
WP200-AA	WP200E-AA	2	1/4	3/16
WP250-AA	WP250E-AA	2 1/2	1/4	3/16
WP300-AA	WP300E-AA	3	1/4	3/16
WP350-AA	WP350E-AA	3 1/2	1/4	3/16
WP400-AA	WP400E-AA	4	1/4	3/16
WP500-AA	WP500E-AA	5	3/8	1/4
WP600-AA	WP600E-AA	6	3/8	1/4
WP800-AA	WP800E-AA	8	3/8	1/4

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

Aluminum Welded Pipe Elbow

Welded elbows offer an economical method for field fabrication where angular turns are required. Designed for 230 kV service. Elbows are designed with chamfer to provide ease of welding.



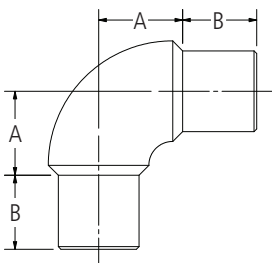
WEPI-AA

Material

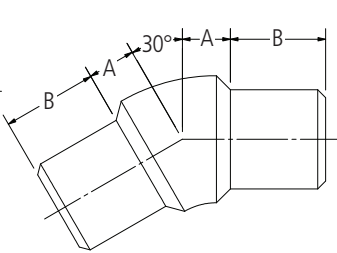
Aluminum Alloy

Notes

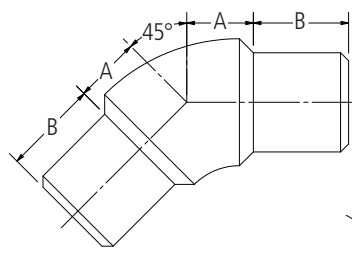
- For a 30°, add '-30'; for a 45°, add '-45'; and for a 60°, add '-60' to catalog number. Ex: WEPI75-45-AA
- For Schedule 80, add 'E' to pipe size. Ex: WEPI75E-AA



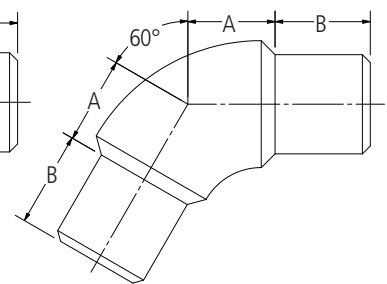
WEPI-AA



WEPI-30-AA



WEPI-45-AA



WEPI-60-AA

Ordering Information

S.P.S.	CATALOG NO.	ANGLE	DIMENSION IN INCHES		E.H.P.S.	CATALOG NO.	ANGLE	DIMENSION IN INCHES	
	SCHEDULE 40		A	B		SCHEDULE 80		A	B
3/4	WEPI75-AA	90°	1.11	0.75	3/4	WEPI75E-AA	90°	1.00	0.75
3/4	WEPI75-30-AA	30°	0.38	0.75	—	—	—	—	—
3/4	WEPI75-45-AA	45°	0.52	0.75	3/4	WEPI75E-45-AA	45°	0.56	0.75
3/4	WEPI75-60-AA	60°	0.69	0.75	—	—	—	—	—
1	WEPI100-AA	90°	1.19	0.75	1	WEPI100E-AA	90°	1.23	0.75
1	WEPI100-30-AA	30°	0.44	0.75	1	WEPI100E-30-AA	30°	0.48	0.75
1	WEPI100-45-AA	45°	0.58	0.75	1	WEPI100E-45-AA	45°	0.63	0.75
1	WEPI100-60-AA	60°	0.75	0.75	1	WEPI100E-60-AA	60°	0.80	0.75
1 1/4	WEPI125-AA	90°	1.38	1.00	1 1/4	WEPI125E-AA	90°	1.42	1.00
1 1/4	WEPI125-30-AA	30°	0.50	1.00	1 1/4	WEPI125E-30-AA	30°	0.56	1.00
1 1/4	WEPI125-45-AA	45°	0.68	1.00	1 1/4	WEPI125E-45-AA	45°	0.73	1.00
1 1/4	WEPI125-60-AA	60°	0.87	1.00	1 1/4	WEPI125E-60-AA	60°	0.92	1.00
1 1/2	WEPI150-AA	90°	1.57	1.00	1 1/2	WEPI150E-AA	90°	1.63	1.00
1 1/2	WEPI150-30-AA	30°	0.56	1.00	1 1/2	WEPI150E-30-AA	30°	0.63	1.00
1 1/2	WEPI150-45-AA	45°	0.76	1.00	1 1/2	WEPI150E-45-AA	45°	0.83	1.00
1 1/2	WEPI150-60-AA	60°	0.99	1.00	1 1/2	WEPI150E-60-AA	60°	1.05	1.00

230 kV Al. Welded Elbows



DOSSERT®

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

Aluminum Welded Pipe Elbow

Ordering Information

S.P.S.	CATALOG NO.	ANGLE	DIMENSION IN INCHES		E.H.P.S.	CATALOG NO.	ANGLE	DIMENSION IN INCHES	
	SCHEDULE 40		A	B		SCHEDULE 80		A	B
2	WEPI200-AA	90°	1.92	1.75	2	WEPI200E-AA	90°	1.98	1.75
2	WEPI200-30-AA	30°	0.64	1.75	2	WEPI200E-30-AA	30°	0.70	1.75
2	WEPI200-45-AA	45°	0.89	1.75	2	WEPI200E-45-AA	45°	0.96	1.75
2	WEPI200-60-AA	60°	1.17	1.75	2	WEPI200E-60-AA	60°	1.24	1.75
2 1/2	WEPI250-AA	90°	2.51	1.75	2 1/2	WEPI250E-AA	90°	2.54	1.75
2 1/2	WEPI250-30-AA	30°	0.78	1.75	2 1/2	WEPI250E-30-AA	30°	0.84	1.75
2 1/2	WEPI250-45-AA	45°	1.08	1.75	2 1/2	WEPI250E-45-AA	45°	1.14	1.75
2 1/2	WEPI250-60-AA	60°	1.42	1.75	2 1/2	WEPI250E-60-AA	60°	1.46	1.75
3	WEPI300-AA	90°	2.52	1.75	3	WEPI300E-AA	90°	2.56	1.75
3	WEPI300-30-AA	30°	0.89	1.75	3	WEPI300E-30-AA	30°	0.96	1.75
3	WEPI300-45-AA	45°	1.23	1.75	3	WEPI300E-45-AA	45°	1.31	1.75
3	WEPI300-60-AA	60°	1.52	1.75	3	WEPI300E-60-AA	60°	1.56	1.75
3 1/2	WEPI350-AA	90°	2.87	1.75	3 1/2	WEPI350E-AA	90°	2.96	1.75
3 1/2	WEPI350-30-AA	30°	0.95	1.75	3 1/2	WEPI350E-30-AA	30°	1.04	1.75
3 1/2	WEPI350-45-AA	45°	1.33	1.75	3 1/2	WEPI350E-45-AA	45°	1.42	1.75
3 1/2	WEPI350-60-AA	60°	1.76	1.75	3 1/2	WEPI350E-60-AA	60°	1.85	1.75
4	WEPI400-AA	90°	3.02	2.06	4	WEPI400E-AA	90°	3.08	2.06
4	WEPI400-30-AA	30°	1.12	2.00	4	WEPI400E-30-AA	30°	1.23	2.00
4	WEPI400-45-AA	45°	1.60	2.00	4	WEPI400E-45-AA	45°	1.70	2.00
4	WEPI400-60-AA	60°	1.81	2.06	4	WEPI400E-60-AA	60°	1.87	2.06
5	WEPI500-AA	90°	3.82	2.44	5	WEPI500E-AA	90°	3.94	2.44
5	WEPI500-30-AA	30°	1.24	2.44	5	WEPI500E-30-AA	30°	1.35	2.44
5	WEPI500-45-AA	45°	1.75	2.44	5	WEPI500E-45-AA	45°	1.87	2.44
5	WEPI500-60-AA	60°	2.33	2.44	5	WEPI500E-60-AA	60°	2.45	2.44
6	WEPI600-AA	90°	4.31	2.75	6	WEPI600E-AA	90°	4.38	2.75
6	WEPI600-30-AA	30°	1.29	2.75	6	WEPI600E-30-AA	30°	1.36	2.75
6	WEPI600-45-AA	45°	1.89	2.75	6	WEPI600E-45-AA	45°	1.97	2.75
6	WEPI600-60-AA	60°	2.57	2.75	6	WEPI600E-60-AA	60°	2.64	2.75
8	WEPI800-AA	90°	5.64	1.00	—	—	—	—	—
8" O.D.	WEPI800R-AA	90°	5.50	2.00	—	—	—	—	—
8" O.D.	WEPI800R-30-AA	30°	1.88	2.00	—	—	—	—	—
8" O.D.	WEPI800R-60-AA	60°	3.38	1.00	—	—	—	—	—

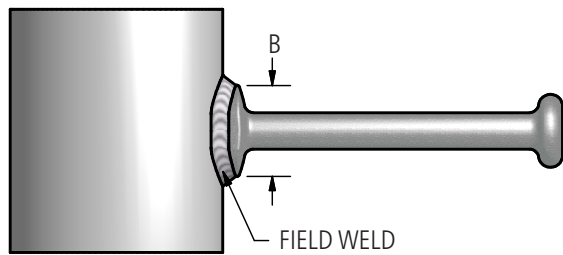
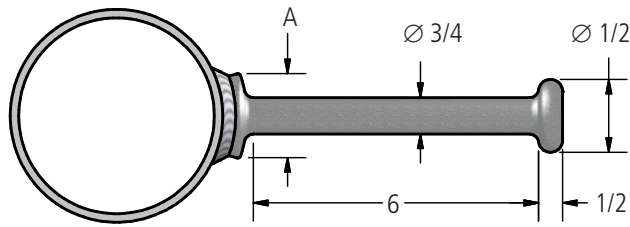
230 kV Al. Welded Elbows

DOSSERT® TYPE WGPH-AA

Welded Extensions Connector

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	SPS RANGE	DIMENSIONS IN INCHES	
		A	B
WGPH250-AA	1 - 2 1/2	7/8	1 1/2
WGPH600-AA	3 - 6	1 1/2	2

DOSSERT[®] TYPE WTC-N-AA

Welded Tee to Flat

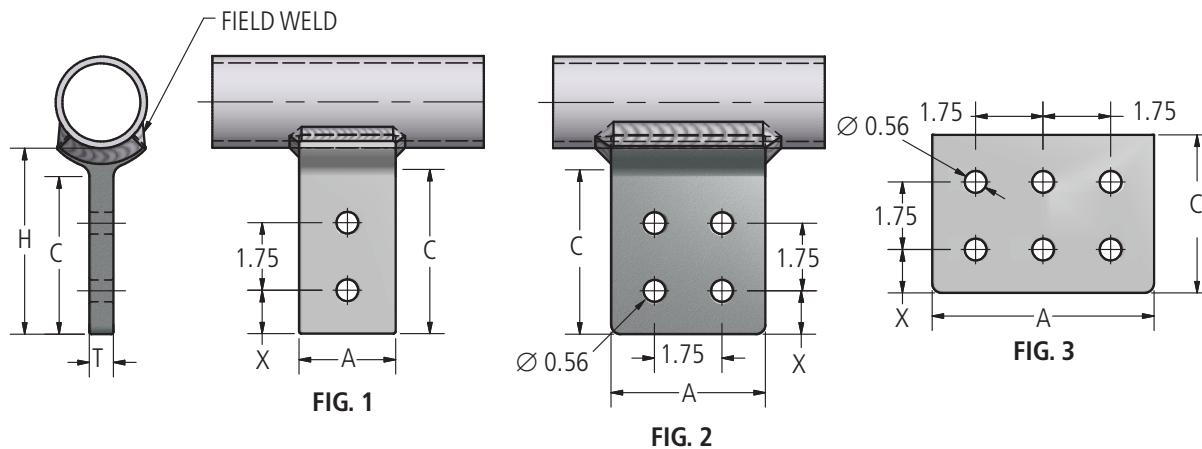
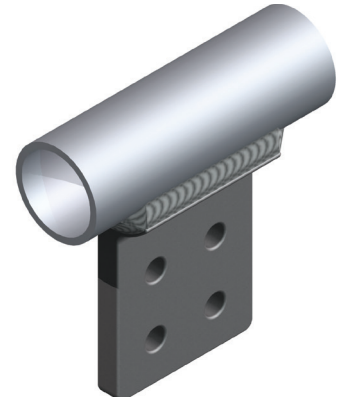
For welding a two, four, or six hole NEMA pad to a pipe.

Material

Aluminum Alloy

Notes

- For Undrilled holes on pad, add "-U" to catalog number. EX: WTC250-2NU-AA
- For Finish surface on both sides of pad, add "-F" to catalog number. EX: WTC250-2NF-AA.



Ordering Information

CATALOG NUMBER	SPS RANGE	FIG. NO.	DIMENSIONS IN INCHES				
			A	C	H	T	X
WTC250-2N-AA	1 THRU 2 1/2	1	2.00	3.25	3.88	0.50	0.63
WTC250-4N-AA	1 THRU 2 1/2	2	3.00	3.25	3.88	0.50	0.63
WTC250-4N4-AA	1 THRU 2 1/2	2	4.00	4.25	4.88	0.63	1.13
WTC600-2N-AA	3 THRU 6	1	2.00	3.25	4.00	0.75	0.63
WTC 600-4N-AA	3 THRU 6	2	3.00	3.25	4.00	0.75	0.63
WTC 600-4N4-AA	3 THRU 6	2	4.00	4.25	5.00	0.75	1.13
WTC 600-6N4-AA	3 THRU 6	3	6.00	4.00	5.00	0.75	1.13
WTC800-4N4-AA	8	2	4.00	4.25	5.00	0.75	1.13
WTC800R-2N-AA	8" OD	1	2.00	4.25	5.11	0.75	0.75
WTC800R-4N4-AA	8" OD	2	4.00	4.25	5.00	0.75	1.13

DOSSERT®

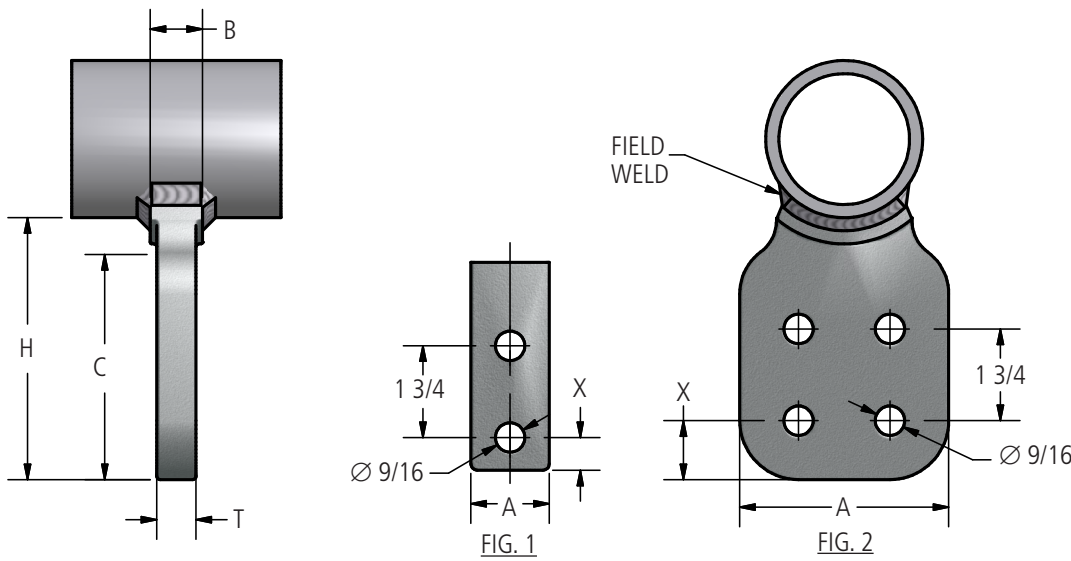
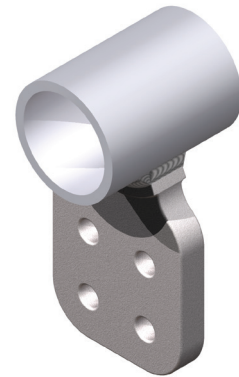
TYPE WTF-AA

Perpendicular Pipe Tap

Transverse tee taps are designed to provide terminal connections in span on tubular bus. Pads have contact surfaces on both sides. Pads conform to NEMA standards.

Material

Aluminum Alloy



230 kV Aluminum Pipe Taps & Extensions

Ordering Information

CATALOG NUMBER	SPS		FIG. NO.	DIMENSIONS IN INCHES					
	MIN	MAX		A	B	C	H	T	X
WTF250-2N-AA	1	2-1/2	1	2	7/8	3-1/8	3-3/4	1/2	5/8
WTF250-4N-AA	1	2-1/2	2	3	7/8	3-1/8	3-3/4	1/2	5/8
WTF250-4N4-AA	1	2-1/2	2	4	7/8	4-1/8	4-3/4	1/2	1-1/8
WTF600-2N-AA	3	6	1	2	1	3-1/8	3-3/4	3/4	5/8
WTF600-4N-AA	3	6	2	3	1	3-1/8	3-3/4	3/4	5/8
WTF600-4N4-AA	3	6	2	4	1	4-1/8	4-3/4	3/4	1-1/8

DOSSERT®

TYPE 1000 SERIES

Tube to Cable Tee Adapter

Tee adapter is designed with saddle to allow connector to be clamped to bus tube during field welding. Stranded conductor is puddle welded to connector, then connector is welded to bus tube. Not recommended for use on ACSR conductors due to difficulty welding steel core.

Material

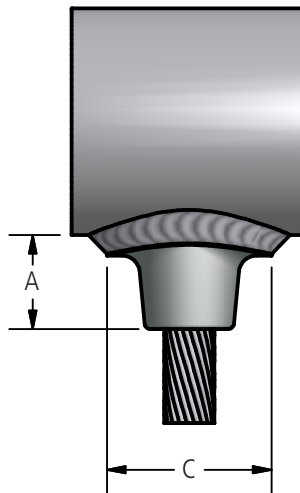
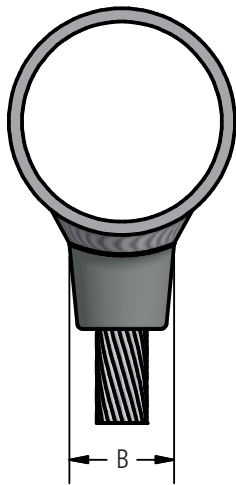
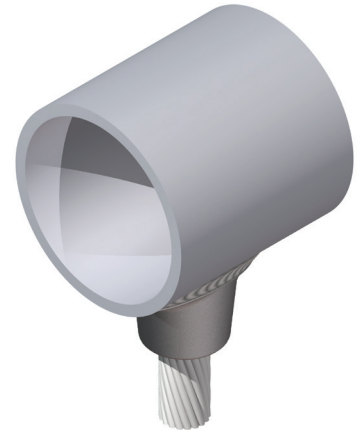
Aluminum Alloy

Ordering Instructions

Step 1: Determine Catalog Number

Determine the catalog number from Table 2 based on the bus conductor and the diameter of the stranded conductor being used.

Example: A tee adapter for a run conductor of 3" schedule 40 and a stranded conductor diameter of 0.926", the complete catalog number is: 1006.100



DOSSERT®

TYPE 1000 SERIES

Tube to Cable Tee Adapter

Table 1 (Physical Characteristics of Series)

CATALOG NUMBER	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	A	B	C	
1000	0.75	0.81	1.75	0.06
1001	1.00	1.00	2.12	0.11
1002	1.00	1.00	2.12	0.11
1003	1.25	1.31	2.44	0.19
1004	1.25	1.31	2.44	0.19
1005	1.50	1.62	2.81	0.28
1006	1.50	1.62	2.81	0.28
1007	1.75	1.88	3.12	0.38
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
1011	2.25	2.50	3.88	0.75
1012	2.25	2.50	3.88	0.75

Table 2 (Catalog Numbers)

STRANDED CONDUCTOR DIAMETER RANGE	CATALOG NUMBER									
	SPS									
	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
0.366 - 0.394	1000.40	1000.40	1000.40	1000.40	1000.40	1000.40	1000.40	1000.40	1000.40	1000.40
0.395 - 0.428	1000.44	1000.44	1000.44	1000.44	1000.44	1000.44	1000.44	1000.44	1000.44	1000.44
0.429 - 0.459	1000.47	1000.47	1000.47	1000.47	1000.47	1000.47	1000.47	1000.47	1000.47	1000.47
0.460 - 0.490	1001.50	1002.50	1002.50	1002.50	1002.50	1002.50	1002.50	1002.50	1002.50	1002.50
0.491 - 0.521	1001.53	1002.53	1002.53	1002.53	1002.53	1002.53	1002.53	1002.53	1002.53	1002.53
0.522 - 0.552	1001.56	1002.56	1002.56	1002.56	1002.56	1002.56	1002.56	1002.56	1002.56	1002.56
0.553 - 0.599	1001.61	1002.61	1002.61	1002.61	1002.61	1002.61	1002.61	1002.61	1002.61	1002.61
0.600 - 0.644	1001.66	1002.66	1002.66	1002.66	1002.66	1002.66	1002.66	1002.66	1002.66	1002.66
0.645 - 0.691	1003.70	1003.70	1003.70	1003.70	1004.70	1004.70	1004.70	1004.70	1004.70	1004.70
0.692 - 0.738	1003.75	1003.75	1003.75	1003.75	1004.75	1004.75	1004.75	1004.75	1004.75	1004.75
0.739 - 0.800	1003.81	1003.81	1003.81	1003.81	1004.81	1004.81	1004.81	1004.81	1004.81	1004.81
0.801 - 0.863	1003.88	1003.88	1003.88	1003.88	1004.88	1004.88	1004.88	1004.88	1004.88	1004.88
0.864 - 0.925	-	-	1005.94	1005.94	1005.94	1006.94	1006.94	1006.94	1006.94	1006.94
0.926 - 0.985	-	-	1005.100	1005.100	1005.100	1006.100	1006.100	1006.100	1006.100	1006.100
0.986 - 1.047	-	-	1005.106	1005.106	1005.106	1006.106	1006.106	1006.106	1006.106	1006.106
1.048 - 1.110	-	-	1005.112	1005.112	1005.112	1006.112	1006.112	1006.112	1006.112	1006.112
1.111 - 1.173	-	-	-	1007.119	1007.119	1008.119	1008.119	1008.119	1008.119	1008.119
1.174 - 1.235	-	-	-	1007.125	1007.125	1008.125	1008.125	1008.125	1008.125	1008.125
1.236 - 1.297	-	-	-	1007.131	1007.131	1008.131	1008.131	1008.131	1008.131	1008.131
1.298 - 1.360	-	-	-	1009.138	1009.138	1009.138	1010.138	1010.138	1010.138	1010.138
1.361 - 1.423	-	-	-	1009.144	1009.144	1009.144	1010.144	1010.144	1010.144	1010.144
1.424 - 1.485	-	-	-	1009.150	1009.150	1009.150	1010.150	1010.150	1010.150	1010.150
1.486 - 1.542	-	-	-	1009.156	1009.156	1009.156	1010.156	1010.156	1010.156	1010.156
1.543 - 1.605	-	-	-	1011.162	1011.162	1012.162	1012.162	1012.162	1012.162	1012.162
1.606 - 1.668	-	-	-	1011.169	1011.169	1012.169	1012.169	1012.169	1012.169	1012.169
1.669 - 1.730	-	-	-	1011.175	1011.175	1012.175	1012.175	1012.175	1012.175	1012.175
1.731 - 1.792	-	-	-	1011.181	1011.181	1012.181	1012.181	1012.181	1012.181	1012.181
1.793 - 1.855	-	-	-	1011.188	1011.188	1012.188	1012.188	1012.188	1012.188	1012.188

230 kV Aluminum Tee and Vee Connectors

DOSSERT® A-Frame Connectors 14500 and 14600 Series

**Branch Connector (14500 Series) -
Vee Connector (14600 Series) - 30°**

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.

To order include angle, top and bottom run sizes, leg size, centerline height and crossbrace size and spacing if required.

Ordering Instructions

Step 1: Determine Catalog Number

Determine the catalog number based on the bus conductor being used for the run and the branch.

Example: A 15° branch connector for a run conductor of 3" schedule 40 and a branch conductor of 2 1/2" schedule 40, the catalog number is: 14508-7

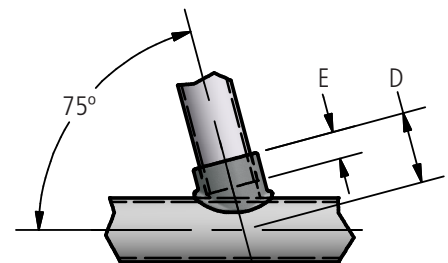
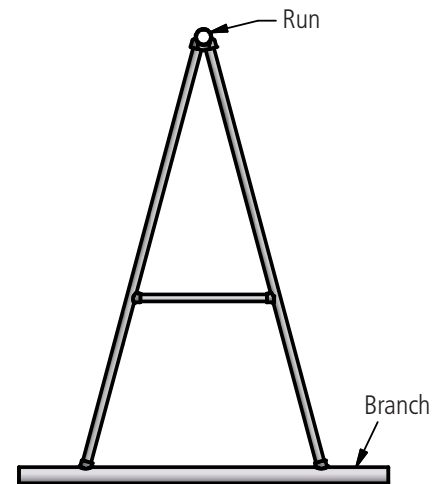
A 30° vee connector for a run conductor of 4" schedule 40 and a branch conductor of 2 1/2" schedule 40, the catalog number is: 14610-7

Notes

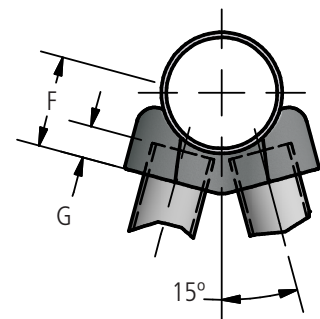
- For bus conductor information, see AFL Bus Conductor section.



A-Frame



WTA-75-AA
WTA-80-AA



WVBP-20-AA
WVBP-30-AA

DOSSERT®

A-Frame Connectors 14500 and 14600 Series

Branch Connector (14500 Series) -
Vee Connector (14600 Series) - 30°

Ordering Information

CONDUCTOR SIZE		CATALOG NUMBER		DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS	
SCH 40 & SCH80		BRANCH CONNECTOR	VEE CONNECTOR	D	E	F	G	BRANCH CONNECTOR	VEE CONNECTOR
RUN	BRANCH								
1 1/2	1	14504-3	14605-3	2.94	1.75	3.19	1.75	0.4	1
1 1/2	1 1/4	14500-4	14605-4	3.25	2.00	3.06	2	0.4	1.2
1 1/2	1 1/2	14500-5	14605-5	3.25	2.00	4.56	2	0.6	2.1
2	1	14504-3	14606-3	3.25	1.75	3.25	1.75	0.4	1.2
2	1 1/4	14506-4	14606-4	3.50	2.00	4.31	2	0.6	1.2
2	1 1/2	14500-5	14606-5	3.50	2.00	3.25	2	0.6	2.8
2	2	14506-6	14606-6	3.56	2.00	3.25	2	1.6	2.6
2 1/2	1	14507-3	14607-3	3.44	1.75	3.81	1.75	0.4	0.9
2 1/2	1 1/4	14506-4	14607-4	3.69	2.00	4.56	2	0.6	1.2
2 1/2	1 1/2	14507-5	14607-5	3.75	2.00	4.25	2	1.3	1.5
2 1/2	2	14507-6	14607-6	3.88	2.00	3.44	2	1.4	2.6
2 1/2	2 1/2	14500-7	14607-7	3.88	2.00	3.5	2.5	1	3.3
3	1	14507-3	14608-3	3.75	1.75	4.19	1.75	0.4	1.1
3	1 1/4	14506-4	14608-4	4.12	2.00	4.19	1	0.6	1.3
3	1 1/2	14507-5	14608-5	4.12	2.00	4.88	2	1.3	1.6
3	2	14508-6	14608-6	4.19	2.00	3.88	2.12	1.3	2.7
3	2 1/2	14508-7	14608-7	4.69	2.50	4.31	2.5	1.7	3.1
3	3	14508-8	14608-8	4.81	2.50	4.25	2.5	2.3	5
3 1/2	1 1/4	14509-4	14609-4	4.31	2.00	5	2	0.6	1.3
3 1/2	1 1/2	14507-5	14609-5	4.44	2.00	5.06	2	1.3	1.6
3 1/2	2	14509-6	14609-6	4.44	2.00	4.56	2	1.3	2.6
3 1/2	2 1/2	14508-7	14609-7	5.00	2.50	3.94	2	1.7	3.5
3 1/2	3	14508-8	14609-8	5.19	2.50	4.88	1.75	2.3	5.3
3 1/2	3 1/2	14509-9	14609-9	5.62	3.00	4.88	3	4.6	5.8
4	1 1/2	14510-5	14610-5	4.62	2.00	6.12	2	1.4	1.6
4	2	14509-6	14610-6	4.69	2.00	4.44	2	1.3	2.8
4	2 1/2	14510-7	14610-7	5.31	2.50	4.44	2	1.6	2.9
4	3	14510-8	14610-8	5.31	2.50	5.69	2.5	2.8	5.3
4	3 1/2	14500-9	14610-9	5.94	3.00	5.25	3	2.4	5.5
4	4	14500-10	14610-10	6.44	3.50	7.38	2.25	3.4	6.5
5	2 1/2	14510-7	14612-7	5.94	2.50	6.94	2.5	1.6	2.9
5	3	14511-8	14612-8	5.88	2.50	6.62	2.5	2.2	5.6
5	3 1/2	14500-9	14612-9	6.56	3.00	6.62	3	2.4	8.8
5	4	14500-10	14612-10	7.06	3.50	8	2.3	3.4	6.5
5	5	14500-12	14612-12	7.69	4.00	7.75	2.75	6	12
6	2 1/2	14500-7	14613-7	6.00	2.00	7.62	2.5	1	2.9
6	3	14511-8	14613-8	6.56	2.50	7.31	2.5	2.2	5.6
6	3 1/2	14500-9	14613-9	7.19	3.00	7.38	3	2.4	5.5
6	4	14500-10	14613-10	7.69	3.50	8.62	2.25	3.4	6.5
6	5	14500-12	14613-12	8.25	4.00	8.38	2.75	6	12
6	6	14500-13	14613-13	8.31	4.00	8.69	3.25	6.5	14.3

230 kV Aluminum Tee and Vee Connectors

DOSSERT®

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

Material

Aluminum Alloy

Notes

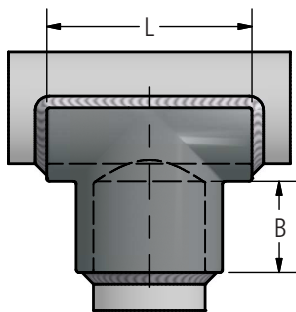
1. For a welded tee at 75° for 1" to 1" pipe order: WTA100-100-75-AA.
2. For a welded tee at 80° for 1" to 1" pipe order: WTA100-100-80-AA.



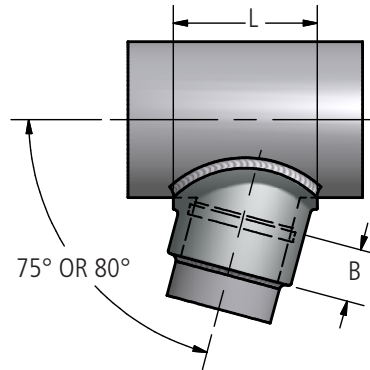
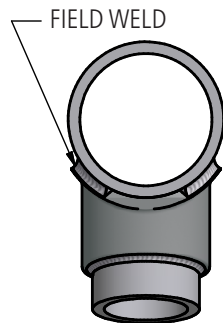
WT-AA



WTA-AA



WT-AA



WTA-AA

Ordering Information

CATALOG NUMBER			SPS		DIMENSIONS IN INCHES	
75 DEGREE	80 DEGREE	90 DEGREE	RUN	TAP	B	L
WTA75-75-75-AA	WTA75-75-80-AA	WT75-75-AA	3/4	3/4	3/4	2 1/8
WTA100-75-75-AA	WTA100-75-80-AA	WT100-75-AA	1	3/4	3/4	2 1/8
WTA100-100-75-AA	WTA100-100-80-AA	WT100-100-AA	1	1	3/4	2 1/4
WTA125-75-75-AA	WTA125-75-80-AA	WT125-75-AA	1 1/4	3/4	3/4	2 1/8
WTA125-100-75-AA	WTA125-100-80-AA	WT125-100-AA	1 1/4	1	3/4	2 1/4
WTA125-125-75-AA	WTA125-125-80-AA	WT125-125-AA	1 1/4	1 1/4	1	2 1/2
WTA125-250-75-AA	WTA125-250-80-AA	WT125-250-AA	1 1/4	2 1/2	1 1/2	3 1/2
WTA150-75-75-AA	WTA150-75-80-AA	WT150-75-AA	1 1/2	3/4	3/4	2 1/8
WTA150-100-75-AA	WTA150-100-80-AA	WT150-100-AA	1 1/2	1	3/4	2 1/4
WTA150-125-75-AA	WTA150-125-80-AA	WT150-125-AA	1 1/2	1 1/4	1	2 1/2
WTA150-150-75-AA	WTA150-150-80-AA	WT150-150-AA	1 1/2	1 1/2	1	2 3/4
WTA150-200-75-AA	WTA150-200-80-AA	WT150-200-AA	1 1/2	1 1/2	1 1/4	3 11/16
WTA200-75-75AA	WTA200-75-80-AA	WT200-75-AA	2	3/4	3/4	2 1/8
WTA200-100-75-AA	WTA200-100-80-AA	WT200-100-AA	2	1	3/4	2 1/4
WTA200-125-75-AA	WTA200-125-80-AA	WT200-125-AA	2	1 1/4	1	2 1/2
WTA200-150-75-AA	WTA200-150-80-AA	WT200-150-AA	2	1 1/2	1	2 3/4
WTA200-200-75-AA	WTA200-200-80-AA	WT200-200-AA	2	2	1 1/4	3 1/4
WTA200-300-75-AA	WTA200-300-80-AA	WT200-300-AA	2	3	1 3/4	4 3/8
WTA200-400-75-AA	WTA200-400-80-AA	WT200-400-AA	2	4	2 1/4	4 7/8
WTA250-75-75-AA	WTA250-75-80-AA	WT250-75-AA	2 1/2	3/4	3/4	2 1/8
WTA250-100-75-AA	WTA250-100-80-AA	WT250-100-AA	2 1/2	1	3/4	2 1/4
WTA250-125-75-AA	WTA250-125-80-AA	WT250-125-AA	2 1/2	1 1/4	1	2 1/2



230 kV Aluminum Welded Tee and Vee Connectors

DOSSERT®

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

Welded Tee

Ordering Information

CATALOG NUMBER			SPS		DIMENSIONS IN INCHES	
75 DEGREE	80 DEGREE	90 DEGREE	RUN	TAP	B	L
WTA250-150-75-AA	WTA250-150-80-AA	WT250-150-AA	2 1/2	1 1/2	1	2 3/4
WTA250-200-75-AA	WTA250-200-80-AA	WT250-200-AA	2 1/2	2	1 1/4	3 1/4
WTA250-250-75-AA	WTA250-250-80-AA	WT250-250-AA	2 1/2	2 1/2	1 1/2	3 3/4
WTA300-75-75-AA	WTA300-75-80-AA	WT300-75-AA	3	3/4	3/4	2 1/8
WTA300-100-75-AA	WTA300-100-80-AA	WT300-100-AA	3	1	3/4	2 1/4
WTA300-125-75-AA	WTA300-125-80-AA	WT300-125-AA	3	1 1/4	1	2 1/2
WTA300-150-75-AA	WTA300-150-80-AA	WT300-150-AA	3	1 1/2	1	2 3/4
WTA300-200-75-AA	WTA300-200-80-AA	WT300-200-AA	3	2	1 1/4	3 1/4
WTA300-250-75-AA	WTA300-250-80-AA	WT300-250-AA	3	2 1/2	1 1/2	3 3/4
WTA300-300-75-AA	WTA300-300-80-AA	WT300-300-AA	3	3	1 3/4	4 3/8
WTA300-350-75-AA	WTA300-350-80-AA	WT300-350-AA	3	3 1/2	2	4 7/8
WTA300-400-75-AA	WTA300-400-80-AA	WT300-400-AA	3	4	2 1/4	5 3/8
WTA300-500-75-AA	WTA300-500-80-AA	WT300-500-AA	3	5	2 3/4	6 7/16
WTA350-75-75-AA	WTA350-75-80-AA	WT350-75-AA	3 1/2	3/4	3/4	2 1/8
WTA350-100-75-AA	WTA350-100-80-AA	WT350-100-AA	3 1/2	1	3/4	2 1/4
WTA350-125-75-AA	WTA350-125-80-AA	WT350-125-AA	3 1/2	1 1/4	1	2 1/2
WTA350-150-75-AA	WTA350-150-80-AA	WT350-150-AA	3 1/2	1 1/2	1	2 3/4
WTA350-200-75-AA	WTA350-200-80-AA	WT350-200-AA	3 1/2	2	1 1/4	3 1/4
WTA350-250-75-AA	WTA350-250-80-AA	WT350-250-AA	3 1/2	2 1/2	1 1/2	3 3/4
WTA350-300-75-AA	WTA350-300-80-AA	WT350-300-AA	3 1/2	3	1 3/4	4 3/8
WTA350-350-75-AA	WTA350-350-80-AA	WT350-350-AA	3 1/2	3 1/2	2	4 7/8
WTA400-75-75-AA	WTA400-75-80-AA	WT400-75-AA	4	3/4	3/4	2 1/8
WTA400-100-75-AA	WTA400-100-80-AA	WT400-100-AA	4	1	3/4	2 1/4
WTA400-125-75-AA	WTA400-125-80-AA	WT400-125-AA	4	1 1/4	1	2 1/2
WTA400-150-75-AA	WTA400-150-80-AA	WT400-150-AA	4	1 1/2	1	2 3/4
WTA400-200-75-AA	WTA400-200-80-AA	WT400-200-AA	4	2	1 1/4	3 1/4
WTA400-250-75-AA	WTA400-250-80-AA	WT400-250-AA	4	2 1/2	1 1/2	3 3/4
WTA400-300-75-AA	WTA400-300-80-AA	WT400-300-AA	4	3	1 3/4	4 3/8
WTA400-350-75-AA	WTA400-350-80-AA	WT400-350-AA	4	3 1/2	2	4 7/8
WTA400-400-75-AA	WTA400-400-80-AA	WT400-400-AA	4	4	2 1/4	5 3/8
WTA500-100-75-AA	WTA500-100-80-AA	WT500-100-AA	5	1	3/4	2 1/4
WTA500-125-75-AA	WTA500-125-80-AA	WT500-125-AA	5	1 1/4	1	2 1/2
WTA500-150-75-AA	WTA500-150-80-AA	WT500-150-AA	5	1 1/2	1	2 3/4
WTA500-200-75-AA	WTA500-200-80-AA	WT500-200-AA	5	2	1 1/4	3 1/4
WTA500-250-75-AA	WTA500-250-80-AA	WT500-250-AA	5	2 1/2	1 1/2	3 3/4
WTA500-300-75-AA	WTA500-300-80-AA	WT500-300-AA	5	3	1 3/4	4 3/8
WTA500-350-75-AA	WTA500-350-80-AA	WT500-350-AA	5	3 1/2	2	4 7/8
WTA500-400-75-AA	WTA500-400-80-AA	WT500-400-AA	5	4	2 1/4	5 3/8
WTA500-500-75-AA	WTA500-500-80-AA	WT500-500-AA	5	5	2 3/4	6 7/16
WTA600-100-75-AA	WTA600-100-80-AA	WT600-100-AA	6	1	3/4	2 1/4
WTA600-125-75-AA	WTA600-125-80-AA	WT600-125-AA	6	1 1/4	1	2 1/2
WTA600-150-75-AA	WTA600-150-80-AA	WT600-150-AA	6	1 1/2	1	2 3/4
WTA600-200-75-AA	WTA600-200-80-AA	WT600-200-AA	6	2	1 1/4	3 1/4
WTA600-250-75-AA	WTA600-250-80-AA	WT600-250-AA	6	2 1/2	1 1/2	3 3/4
WTA600-300-75-AA	WTA600-300-80-AA	WT600-300-AA	6	3	1 3/4	4 3/8
WTA600-350-75-AA	WTA600-350-80-AA	WT600-350-AA	6	3 1/2	2	4 7/8
WTA600-400-75-AA	WTA600-400-80-AA	WT600-400-AA	6	4	2 1/4	5 3/8
WTA600-500-75-AA	WTA600-500-80-AA	WT600-500-AA	6	5	2 3/4	6 7/16
WTA600-600-75-AA	WTA600-600-80-AA	WT600-600-AA	6	6	3 1/4	8 1/4
WTA800R-400-75-AA	WTA800R-400-80-AA	WT800R-400-AA	8" O.D.	4	2 3/4	5 3/8
WTA800R-500-75-AA	WTA800R-500-80-AA	WT800R-500-AA	8" O.D.	5	2 3/4	6 7/16
WTA800R-800R-75-AA	WTA800R-800R-80-AA	WT800R-800R-AA	8" O.D.	8" O.D.	2 3/4	10
WTA800-500-75-AA	WTA800-500-80-AA	WT800-500-AA	8"	5	2 3/4	7 5/16

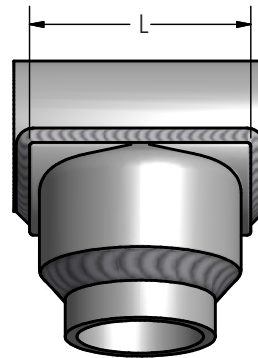
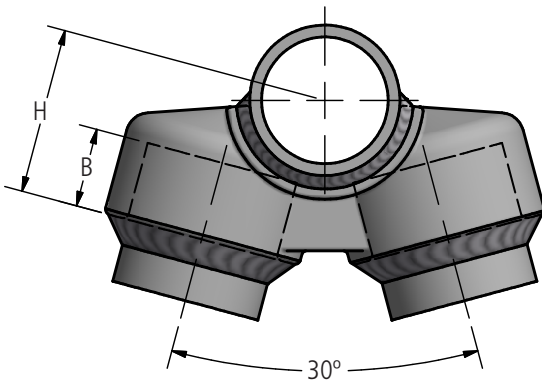
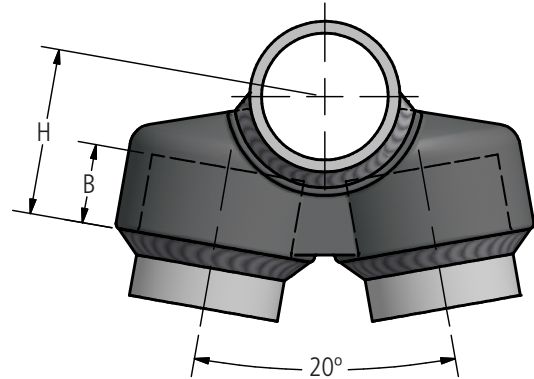
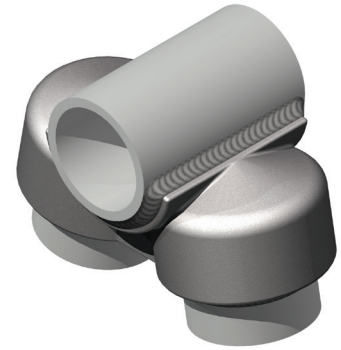
230 kV Aluminum Tee and Vee Connectors

DOSSERT®

TYPE WVBP-20-AA, WVBP-30-AA Welded Vee Connector for Aluminum Tubing

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER		SPS		DIMENSIONS IN INCHES		
20 DEGREE	30 DEGREE	RUN	TAP	B	H	L
WVBP100-50-20-AA	WVBP100-50-30-AA	1	1/2	1/2	1-1/8	1-7/8
WVBP100-75-20-AA	WVBP100-75-30-AA	1	3/4	3/4	1-5/8	2-1/8
WVBP125-75-20-AA	WVBP125-75-30-AA	1-1/4	3/4	3/4	1-3/4	2-1/8
WVBP125-100-20-AA	WVBP125-100-30-AA	1-1/4	1	3/4	1-3/4	2-1/4
WVBP125-125-20-AA	WVBP125-125-30-AA	1-1/4	1-1/4	1	2	2-5/8
WVBP150-75-20-AA	WVBP150-75-30-AA	1-1/2	3/4	3/4	1-7/8	2-1/8
WVBP150-100-20-AA	WVBP150-100-30-AA	1-1/2	1	3/4	1-7/8	2-1/4
WVBP150-125-20-AA	WVBP150-125-30-AA	1-1/2	1-1/4	1	2-1/8	2-5/8
WVBP150-150-20-AA	WVBP150-150-30-AA	1-1/2	1-1/2	1	2-3/8	2-7/8
WVBP200-100-20-AA	WVBP200-100-30-AA	2	1	3/4	2-1/8	2-1/4
WVBP200-125-20-AA	WVBP200-125-30-AA	2	1-1/4	1	2-3/8	2-5/8
WVBP200-150-20-AA	WVBP200-150-30-AA	2	1-1/2	1	2-3/8	2-7/8
WVBP200-200-20-AA	WVBP200-200-30-AA	2	2	1-1/4	2-5/8	3-1/2
WVBP250-100-20-AA	WVBP250-100-30-AA	2-1/2	1	3/4	2-3/8	2-1/4
WVBP250-125-20-AA	WVBP250-125-30-AA	2-1/2	1-1/4	1	2-5/8	2-5/8
WVBP250-150-20-AA	WVBP250-150-30-AA	2-1/2	1-1/2	1	2-5/8	2-7/8

DOSSERT®

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

Ordering Information

CATALOG NUMBER		SPS		DIMENSIONS IN INCHES		
20 DEGREE	30 DEGREE	RUN	TAP	B	H	L
WVBP250-200-20-AA	WVBP250-200-30-AA	2-1/2	2	1-1/4	2-7/8	3-1/2
WVBP250-250-20-AA	WVBP250-250-30-AA	2-1/2	2-1/2	1-1/2	3-1/8	4
WVBP300-125-20-AA	WVBP300-125-30-AA	3	1-1/4	1	2-15/16	2-5/8
WVBP300-150-20-AA	WVBP300-150-30-AA	3	1-1/2	1	2-15/16	2-7/8
WVBP300-200-20-AA	WVBP300-200-30-AA	3	2	1-1/4	3-3/16	3-1/2
WVBP300-250-20-AA	WVBP300-250-30-AA	3	2-1/2	1-1/2	3-7/16	4
WVBP300-300-20-AA	WVBP300-300-30-AA	3	3	1-3/4	3-11/16	4-5/8
WVBP350-100-20-AA	WVBP350-100-30-AA	3-1/2	1	3/4	2-5/8	2-1/4
WVBP350-150-20-AA	WVBP350-150-30-AA	3-1/2	1-1/2	1	3-1/4	2-7/8
WVBP350-200-20-AA	WVBP350-200-30-AA	3-1/2	2	1-1/4	3-1/2	3-1/2
WVBP350-250-20-AA	WVBP350-250-30-AA	3-1/2	2-1/2	1-1/2	3-3/4	4
WVBP350-300-20-AA	WVBP350-300-30-AA	3-1/2	3	1-3/4	4	4-5/8
WVBP350-350-20-AA	WVBP350-350-30-AA	3-1/2	3-1/2	2	4-1/4	5-1/8
WVBP400-150-20-AA	WVBP400-150-30-AA	4	1-1/2	1	3-1/2	2-7/8
WVBP400-200-20-AA	WVBP400-200-30-AA	4	2	1-1/4	3-3/4	3-1/2
WVBP400-250-20-AA	WVBP400-250-30-AA	4	2-1/2	1-1/2	4	4
WVBP400-300-20-AA	WVBP400-300-30-AA	4	3	1-3/4	4-1/4	4-5/8
WVBP400-350-20-AA	WVBP400-350-30-AA	4	3-1/2	2	4-1/2	5-1/8
WVBP400-400-20-AA	WVBP400-400-30-AA	4	4	2-1/4	4-3/4	5-7/8
WVBP500-150-20-AA	WVBP500-150-30-AA	5	1-1/2	1	4	2-7/8
WVBP500-200-20-AA	WVBP500-200-30-AA	5	2	1-1/4	4-1/4	3-1/2
WVBP500-250-20-AA	WVBP500-250-30-AA	5	2-1/2	1-1/2	4-1/2	4
WVBP500-300-20-AA	WVBP500-300-30-AA	5	3	1-3/4	4-3/4	4-5/8
WVBP500-350-20-AA	WVBP500-350-30-AA	5	3-1/2	2	5	5-1/8
WVBP500-400-20-AA	WVBP500-400-30-AA	5	4	2-1/4	5-1/4	5-7/8
WVBP500-500-20-AA	WVBP500-500-30-AA	5	5	2-3/4	5-3/4	6-15/16
WVBP600-200-20-AA	WVBP600-200-30-AA	6	2	1-1/4	4-13/16	3-1/2
WVBP600-250-20-AA	WVBP600-250-30-AA	6	2-1/2	1-1/2	5-1/16	4
WVBP600-300-20-AA	WVBP600-300-30-AA	6	3	1-3/4	5-5/16	4-5/8
WVBP600-350-20-AA	WVBP600-350-30-AA	6	3-1/2	2	5-9/16	5-1/8
WVBP600-400-20-AA	WVBP600-400-30-AA	6	4	2-1/4	5-13/16	5-7/8
WVBP600-500-20-AA	WVBP600-500-30-AA	6	5	2-3/4	6-5/16	6-15/16
WVBP600-600-20-AA	WVBP600-600-30-AA	6	6	3-1/4	6-13/16	8

230 kV Aluminum Tee and Vee Connectors

DOSSERT®

TYPE 15950, 15960 Flexible Rope Lay Assemblies

Aluminum flexible rope lay assemblies are designed to connect to aluminum or copper pads. Pads conform to NEMA standards. Lengths other than those shown can be supplied if required. Current ratings are based on 30°C rise over 40°C ambient.

Material

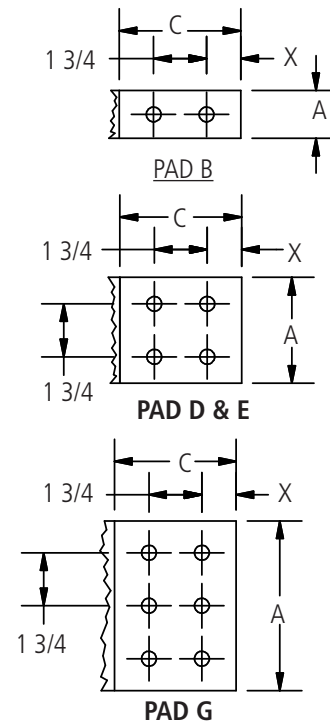
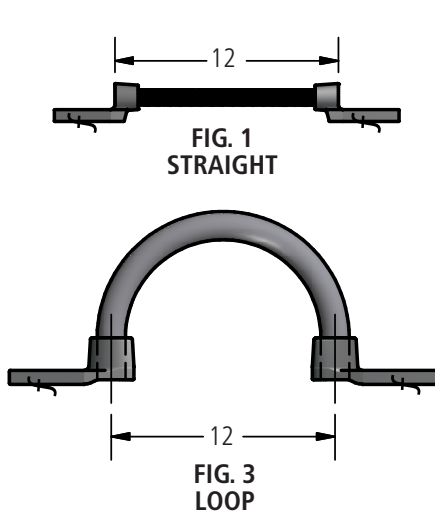
Aluminum Alloy

Ordering Instructions

- Determine the catalog number by terminal arrangement and current rating required.
Ex: For 90° terminals at 1660 amperes, the catalog number is: 15960.
- For pad sizes and location of holes, note letter in catalog number and refer to page 3.



230 kV Aluminum Welded



Ordering Information

CATALOG NUMBER	FIG. NO.	CURRENT RATING AMPERES	ROPE LAY CONDUCTOR		PAD SIZE	PAD THICKNESS INCHES	NOMINAL WEIGHT LBS
			SIZE	NO.			
15950	1	600	636 KCMIL	1	B	0.69	1.40
15951	2	600	636 KCMIL	1	B	0.69	1.40
15952	3	600	636 KCMIL	1	B	0.69	1.70
15953	1	996	636 KCMIL	2	D	0.69	5.20
15954	2	996	636 KCMIL	2	D	0.69	5.20
15955	3	996	636 KCMIL	2	D	0.69	5.80
15956	1	1000	1272 KCMIL	1	D	0.69	3.10
15957	2	1000	1272 KCMIL	1	D	0.69	3.10
15958	3	1000	1272 KCMIL	1	D	0.69	3.70
15959	1	1660	1272 KCMIL	2	E	1.00	8.90
15960	2	1660	1272 KCMIL	2	E	1.00	8.90
15961	3	1660	1272 KCMIL	2	E	1.00	10.10
15962	1	2160	1272 KCMIL	3	G*	0.75	12.90
15963	2	2160	1272 KCMIL	3	G*	0.75	12.90
15964	3	2160	1272 KCMIL	3	G*	0.75	14.70
15965	4	600	636 KCMIL	1	B	0.69	1.40
15966	4	996	636 KCMIL	2	D	0.69	5.20
15967	4	1000	1272 KCMIL	1	D	0.69	3.10
15968	4	1660	1272 KCMIL	2	E	1.00	8.90
15969	4	2160	1272 KCMIL	3	G*	0.75	12.90

PAD DIMENSIONS			
PAD SIZE	DIMENSIONS IN INCHES		
	A	C	X
B	1 3/4	3 1/2	5/8
D	3	3 1/2	5/8
E	4	4 1/2	1 1/8
G	6	4 1/2	1 1/4

* Pad width is 6.75".

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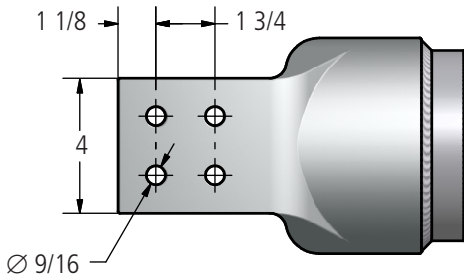
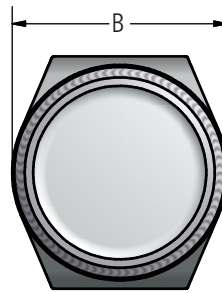
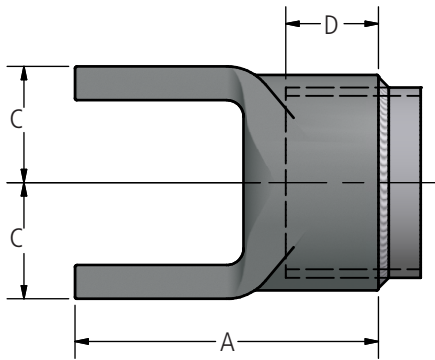
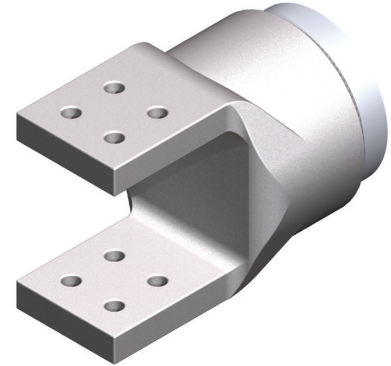
TYPE 34300

Tube To Flat

Double terminal is designed to connect to aluminum or copper pads.

Material

Aluminum Alloy



Ordering Information

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

DOSSERT®

TYPE WP2C-N-AA, WP2CA-N-30-AA, WP2CA-N-45-AA, WP2CA-N-90-AA

Welded Terminal to Two Cables

Material

Aluminum Alloy

Notes

1. Add "U" for undrilled. Ex: WP2C35-2NU-AA
2. Add "F" for finished on both sides
3. For a 30° add suffix '-30', for a 45° add suffix '-45', and for a 90° add suffix '-90'. You must also add an 'A' after WP2C.
4. For a 350 MCM cable, with a 4 hole pad finished on both sides, with a 45° angle use WP2CA35-4NF-45-AA.

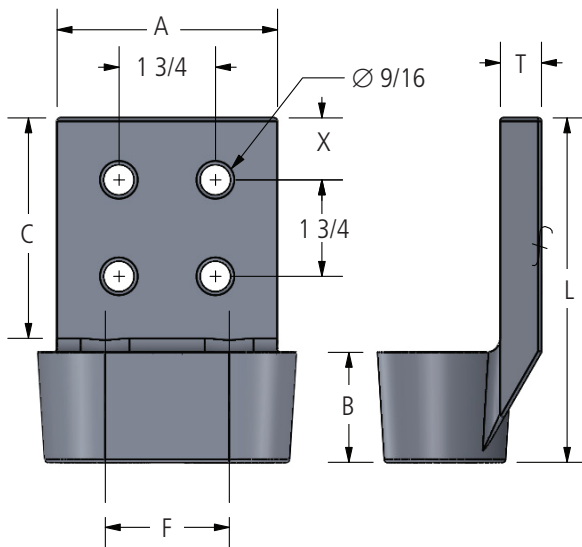
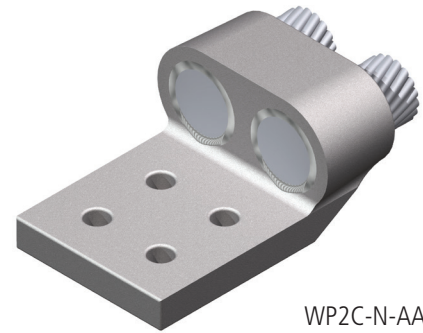


FIG. 2

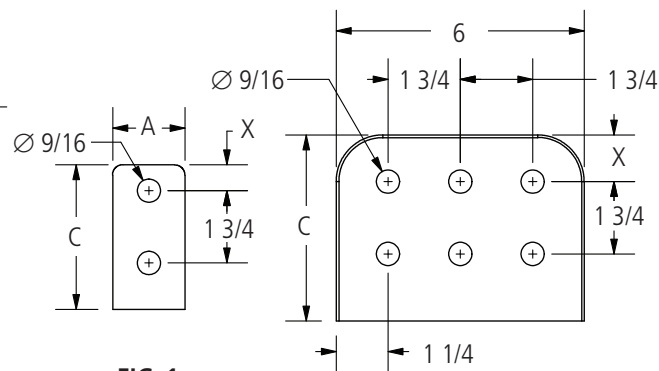


FIG. 1

FIG. 3

continued
→



230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WP2C-N-AA, WP2CA-N-30-AA, WP2CA-N-45-AA, WP2CA-N-90-AA

Ordering Information

CATALOG NUMBER	FIG. NO.	CABLE RANGE		DIMENSIONS IN INCHES							
		ALUMINUM	ACSR	A	B	C	F	L	T	X	
WP2C35-2N-AA	1	336.4 (19), 350 (19,37,61)	300 (26/7)	1 5/8	1 1/4	3	1 1/4	4 1/2	3/8	5/8	
WP2C35-4N-AA	2	336.4 (19), 350 (19,37,61)	300 (26/7)	3	1 1/4	3	1 1/4	4 1/2	3/8	5/8	
WP2C35-4N4-AA	2	336.4 (19), 350 (19,37,61)	300 (26/7)	4	1 1/4	4	1 1/4	5 1/2	3/8	1 1/8	
WP2C40-2N-AA	1	397.5 (19), 350 (19,37,61)	336.4 (18/1,26/7,30/7)	1 5/8	1 1/4	3	1 1/4	4 1/2	3/8	5/8	
WP2C40-4N-AA	2	397.5 (19), 400 (19,37)	336.4 (18/1,26/7,30/7)	3	1 1/4	3	1 3/8	4 1/2	3/8	5/8	
WP2C48-2N-AA	1	450 (19,37,61), 477 (19,37)	397.5 18/1,24/7,26/7,30/18)	1 5/8	1 1/4	3	1 3/8	4 1/2	3/8	5/8	
WP2C48-4N-AA	2	450 (19,37,61), 477 (19,37)	397.5 18/1,24/7,26/7,30/18)	3	1 1/4	3	1 3/8	4 1/2	3/8	5/8	
WP2C55-2N-AA	1	500 (19,37,61), 550 (61,91), 556.5 (19,37)	477 (18/1,24/7,26/7,30/7)	1 5/8	1 1/4	3	1 3/8	4 1/2	3/8	5/8	
WP2C55-4N-AA	2	500 (19,37,61), 550 (61,91), 556.5 (19,37)	477 (18/1,24/7,26/7,30/7)	3	1 1/4	3	1 3/8	4 1/2	3/8	5/8	
WP2C55-4N4-AA	2	500 (19,37,61), 550 (61,91), 556.5 (19,37)	477 (18/1,24/7,26/7,30/7)	4	1 1/4	4	1 3/8	5 1/2	3/8	1 1/8	
WP2C65-2N-AA	1	600 (37,61,91), 636 (37), 650 (37,61,91)	556.5 (18/1,24/7,26/7)	1 5/8	1 1/2	3	1 5/8	4 3/4	1/2	5/8	
WP2C65-4N-AA	2	600 (37,61,91), 636 (37), 650 (37,61,91)	556.5 (18/1,24/7,26/7)	3	1 1/2	3	1 5/8	4 3/4	1/2	5/8	
WP2C65-4N4-AA	2	600 (37,61,91), 636 (37), 650 (37,61,91)	556.5 (18/1,24/7,26/7)	4	1 1/2	4	1 5/8	5 3/4	1/2	1 1/8	
WP2C71-2N-AA	1	650 (37,61,91), 700 (37,61,91), 715.5 (37,61)	636 (24/7,26/7), 605 (24/7,26/7,30/19)	1 5/8	1 1/2	3	1 5/8	4 3/4	1/2	5/8	
WP2C71-4N-AA	2	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	4 3/4	1/2	5/8	
WP2C71-4N4-AA	2	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	5 3/4	1/2	1 1/8	
WP2C80-2N-AA	1	750 (37,61,91), 795 (37,61), 800 (61,91)	636 (30/19), 666.6 (24/7,26/7), 715.5 (27/4)	1 3/4	1 1/2	3	1 5/8	4 3/4	1/2	5/8	
WP2C80-4N-AA	2	750 (37,61,91), 795 (37,61), 800 (61,91)	636 (30/19), 666.6 (24/7,26/7), 715.5 (27/4)	3	1 1/2	3	1 5/8	4 3/4	1/2	5/8	
WP2C80-4N4-AA	2	750 (37,61,91), 795 (37,61), 800 (61,91)	636 (30/19), 666.6 (24/7,26/7), 715.5 (27/4)	4	1 1/2	4	1 5/8	5 3/4	1/2	1 1/8	
WP2C90-2N-AA	1	800 (61,91), 874.5 (37,61), 900 (37,61,91)	715.5 (30/19), 795 (36/1,45/7,24/7,54/7)	2	1 1/2	3	1 5/8	4 3/4	1/2	5/8	
WP2C90-4N-AA	2	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	4 3/4	1/2	5/8	
WP2C90-4N4-AA	2	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	5 3/4	1/2	1 1/8	
WP2C95-2N-AA	1	900 (37,61), 954 (37,61)	795 (30/19), 874.5 (54/7), 900 (45/7,54/7)	2	1 3/4	3	1 5/8	5	1/2	5/8	
WP2C95-4N-AA	2	900 (37,61), 954 (37,61)	795 (30/19), 874.5 (54/7), 900 (45/7,54/7)	3	1 3/4	3	1 5/8	5	1/2	5/8	
WP2C95-4N4-AA	2	900 (37,61), 954 (37,61)	795 (30/19), 874.5 (54/7), 900 (45/7,54/7)	4	1 3/4	4	1 5/8	6	11/16	1 1/8	
WP2C103-2N-AA	1	954 (37,61), 1000 (37,61,91), 1033.5 (37,61)	954,36/1,45/7,54/7)	2	1 3/4	3	1 3/4	5	1/2	5/8	
WP2C103-4N-AA	2	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	5	1/2	5/8	
WP2C103-4N4-AA	2	954 (37,61), 1000 (37,61,91), 1033.5 (37,61)	954,36/1,45/7,54/7)	4	1 3/4	4	1 7/8	6	1/2	1 1/8	

continued →

230 kV Aluminum Welded



230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WP2C-N-AA, WP2CA-N-30-AA, WP2CA-N-45-AA, WP2CA-N-90-AA

Ordering Information

CATALOG NUMBER	FIG. NO.	CABLE RANGE		DIMENSIONS IN INCHES							
		ALUMINUM	ACSR	A	B	C	F	L	T	X	
WP2C111-2N-AA	1	1100 (91,127), 1113 (61)	1033.5 (36/1,45/7,54/7)	2 1/2	1 3/4	3	1 7/8	5	1/2	5/8	
WP2C111-4N-AA	2	1100 (91,127), 1113 (61)	1033.5 (36/1,45/7,54/7)	3	1 3/4	3	1 7/8	5	1/2	5/8	
WP2C111-4N4-AA	2	1100 (91,127), 1113 (61)	1033.5 (36/1,45/7,54/7)	4	1 3/4	4	1 5/8	6	11/16	1 1/8	
WP2C127R-4N-AA	2	1272MCM ROPELAY	NA	3	2	3	2 1/4	5 1/2	3/4	5/8	
WP2C127R-4N4-AA	2	1272MCM ROPELAY	NA	4	2	4	2 1/4	6 1/4	3/4	1 1/8	
WP2C135-2N-AA	1	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)	2 1/2	2	3	2 1/4	5 1/4	5/8	5/8	
WP2C135-4N-AA	2	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	5 1/4	5/8	5/8	
WP2C135-4N4-AA	2	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	6 1/4	5/8	1 1/8	
WP2C151-2N-AA	2	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	5 1/4	3/4	5/8	
WP2C151-4N-AA	2	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	5 3/4	3/4	5/8	
WP2C151-4N4-AA	2	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	6 1/4	3/4	1 1/8	
WP2C151-6N4-AA	3	1400 (91,127), 1431 (61), 1500 (91,127), 1510.5 (61)	1272 (45/7,54/19), 1351.5 (45/7,54/19)	6	2	4	2 1/4	6 1/4	3/4	1 1/8	
WP2C170-2N-AA	2	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	5 1/4	3/4	5/8	
WP2C170-4N-AA	2	1590 (61), 1600 (127,169), 1700 (127,169)	1431 (45/7,54/19), 1510.5 (45/7,54/19)	3	2 1/4	3 1/2	2 1/4	6	3/4	5/8	
WP2C170-4N4-AA	2	1590 (61), 1600 (127,169), 1700 (127,169)	1431 (45/7,54/19), 1510.5 (45/7,54/19)	4	2 1/4	4	2 1/4	6 1/2	3/4	1 1/8	
WP2C170-6N4-AA	3	1590 (61), 1600 (127,169), 1700 (127,169)	1431 (45/7,54/19), 1510.5 (45/7,54/19)	6	2 1/4	4	2 1/4	6 1/2	3/4	1 1/8	
WP2C190-4N-AA	2	1750 (127,169), 1800 (127,169), 1900 (127,169)	1590 (45/7,54/19), 1780 (84/19)	3	2 1/4	3	2 1/4	5 1/2	3/4	5/8	
WP2C190-4N4-AA	2	1750 (127,169), 1800 (127,169), 1900 (127,169)	1590 (45/7,54/19), 1780 (84/19)	4	2 1/4	4	2 1/4	6 1/2	3/4	1 1/8	
WP2C190-6NA-AA	3	1750 (127,169), 1800 (127,169), 1900 (127,169)	1590 (45/7,54/19), 1780 (84/19)	6	2 1/4	4	2 1/4	6 1/2	3/4	1 1/8	
WP2C225-4N-AA	2	2000 (91,127,169), 2250 (91)	1780 (84/19), 2167 (72/7)	3	2 1/4	3	2 1/2	5 1/2	3/4	5/8	
WP2C225-4N4-AA	2	2000 (91,127,169), 2250 (91)	1780 (84/19), 2167 (72/7)	4	2 1/4	4	2 1/2	6 1/2	3/4	1 1/8	
WP2C225-6N4-AA	3	2000 (91,127,169), 2250 (91)	1780 (84/19), 2167 (72/7)	6	2 1/4	4	2 1/2	6 1/2	3/4	1 1/8	
WP2C250-4N-AA	2	2500 (91,127,169)	2156 (84/19)	3	2 1/4	3	2 3/4	5 1/2	3/4	5/8	
WP2C250-4N4-AA	2	2500 (91,127,169)	2156 (84/19)	4	2 1/4	4	2 3/4	6 1/2	3/4	1 1/8	
WP2C250-6N4-AA	3	2500 (91,127,169)	2156 (84/19)	6	2 1/4	4	2 3/4	6 1/2	3/4	1 1/8	
WP2C300-4N-AA	2	2750 (91), 3000 (127,169)	2870 ACSR	3	2 1/4	3	2 3/4	5 1/2	7/8	5/8	
WP2C300-4N4-AA	2	2750 (91), 3000 (127,169)	2870 ACSR	4	2 1/4	4	2 3/4	6 1/2	7/8	1 1/8	

230 kV Aluminum Welded

DOSSERT®

TYPE WPC-N-AA, WPCA-N-30-AA, WPCA-N-45-AA, WPCA-N-90-AA

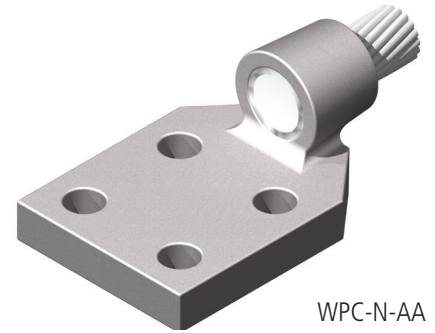
Offset Welded Terminal to Cable

Material

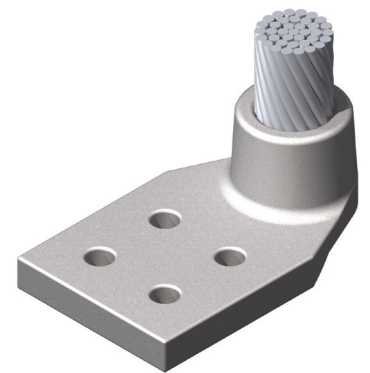
Aluminum Alloy

Notes

- Add "U" for undrilled
- Add "F" for finished on both sides
- For a 3", 4-hole NEMA pad at 45° angle to 450 MCM cable, order: WPCA48-4N-45-AA
- For a 3", 4-hole NEMA pad at 90° angle finished on both sides to 450 MCM cable, order: WPCA48-4NF-90-AA



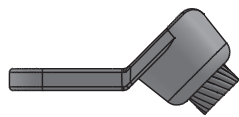
WPC-N-AA



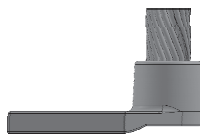
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WPC-N-AA



WPCA-N-45-AA



WPCA-N-90-AA



WPCA-N-30-AA

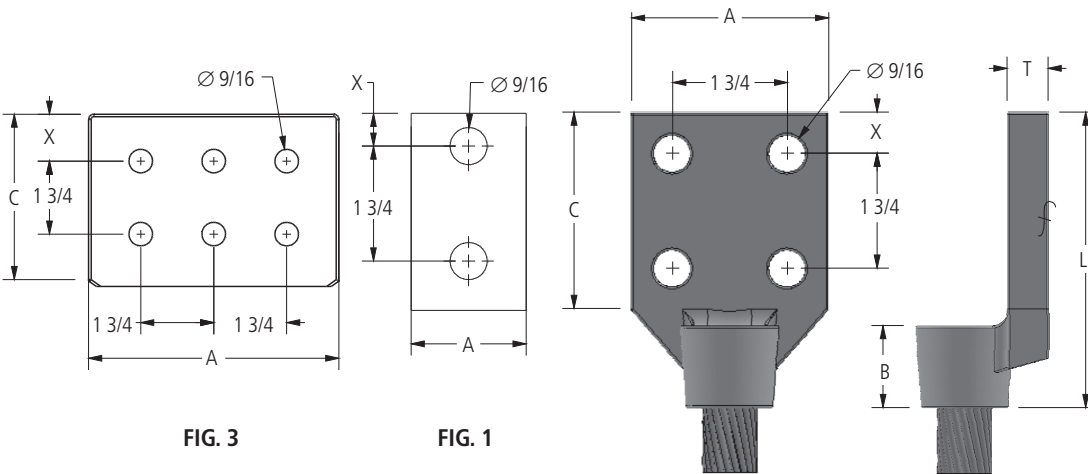


FIG. 3

FIG. 1

FIG. 2

Ordering Information

CATALOG NUMBER	FIG. NO.	CABLE RANGE		DIMENSIONS IN INCHES					
		ALUMINUM	ACSR	A	B	C	T	L	X
WPC10-2N-AA	1	1/0 (7,19)	1 (6/1), 1/0 (6/1)	1 1/4	3/4	3	5/16	4	5/8
WPC10-4N-AA	2	1/0 (7,19)	1 (6/1), 1/0 (6/1)	3	3/4	3	5/16	4	5/8
WPC13-2N-AA	1	2/0 (7,19,37)	2/0, (6/1)	1 1/4	3/4	3	5/16	4	5/8
WPC17-2N-AA	1	3/0 (7,19,37)	101.8 (12/7), 3/0 (6/1)	1 1/4	3/4	3	5/16	4	5/8
WPC21-2N-AA	1	4/0 (7,19,37), 246.9 (7)	134.6 (12/7), 4/0 (6/1)	1 3/4	1	3	3/8	4 1/4	5/8
WPC21-4N-AA	2	4/0 (7,19,37), 246.9 (7)	134.6 (12/7), 4/0 (6/1)	3	1	3	5/16	4 1/4	5/8

continued
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230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WPC-N-AA, WPCA-N-30-AA, WPCA-N-45-AA, WPCA-N-90-AA

Ordering Information

CATALOG NUMBER	FIG. NO.	CABLE RANGE		DIMENSIONS IN INCHES					
		ALUMINUM	ACSR	A	B	C	T	L	X
WPC21-4N4-AA	2	4/0 (7,19,37), 246.9 (7)	134.6 (12/7), 4/0 (6/1)	4	1	4	5/16	5 1/4	1 1/8
WPC31-2N-AA	1	250 (7,19,97,61)266.8 (7,19), 300 (19,37,61), 312.8 (19)	159 (12/7), 226.8 (19/1,26/7)	1 3/4	1	3	3/8	4 1/4	5/8
WPC31-4N-AA	2	250 (7,19,97,61)266.8 (7,19), 300 (19,37,61), 312.8 (19)	159 (12/7), 226.8 (19/1,26/7)	3	1	3	3/8	4 1/4	5/8
WPC31-4N4-AA	2	250 (7,19,97,61)266.8 (7,19), 300 (19,37,61), 312.8 (19)	159 (12/7), 226.8 (19/1,26/7)	4	1 1/4	4	3/8	5 1/2	1 1/8
WPC35-2N-AA	1	336.4 (19), 350 (19,37,61)	300 (26/7)	1 3/4	1	3	3/8	4 1/4	5/8
WPC35-4N-AA	2	336.4 (19), 350 (19,37,61)	300 (26/7)	3	1	3	3/8	4 1/4	5/8
WPC35-4N4-AA	2	336.4 (19), 350 (19,37,61)	300 (26/7)	4	1 1/4	4	3/8	5 1/2	1 1/8
WPC40-2N-AA	1	397.5 (19), 400 (37,61)	336.4 (18/1,26/7,30/7)	1 3/4	1 1/4	3	3/8	4 1/2	5/8
WPC40-4N-AA	2	397.5 (19), 400 (37,61)	336.4 (18/1,26/7,30/7)	3	1 1/4	3	3/8	4 1/2	5/8
WPC40-4N4-AA	2	397.5 (19), 400 (37,61)	336.4 (18/1,26/7,30/7)	4	1 1/4	4	3/8	5 1/2	1 1/8
WPC48-2N-AA	1	450 (19,37,61), 477 (19,37)	397.5 (18/1,24/7,26/7,30/7)	1 5/8	1 1/4	3	3/8	4 1/2	5/8
WPC48-4N-AA	2	450 (19,37,61), 477 (19,37)	397.5 (18/1,24/7,26/7,30/7)	3	1 1/4	3	5/8	4 1/2	5/8
WPC48-4N4-AA	2	450 (19,37,61), 477 (19,37)	397.5 (18/1,24/7,26/7,30/7)	4	1 1/4	4 1/2	3/8	6 3/16	1 1/8
WPC55-2N-AA	1	500 (19,37,61), 550 (61,91), 556.5 (19,37)	477 (18/1,24/7,26/7,30/7)	1 5/8	1 1/4	3	3/8	4 1/2	5/8
WPC55-4N-AA	2	500 (19,37,61), 550 (61,91), 556.5 (19,37)	477 (18/1,24/7,26/7,30/7)	3	1 1/4	3	3/8	4 1/2	5/8
WPC55-4N4-AA	2	500 (19,37,61), 550 (61,91), 556.5 (19,37)	477 (18/1,24/7,26/7,30/7)	4	1 1/4	4	3/8	5 1/2	1 1/8
WPC65-2N-AA	1	600 (37,61,91), 636 (37), 650 (37,61,91)	556.5 (18/1,24/7,26/7)	1 3/4	1 1/2	3	1/2	4 3/4	5/8
WPC65-4N-AA	2	600 (37,61,91), 636 (37), 650 (37,61,91)	556.5 (18/1,24/7,26/7)	3	1 1/2	3	1/2	4 3/4	5/8
WPC65-4N4-AA	2	600 (37,61,91), 636 (37), 650 (37,61,91)	556.5 (18/1,24/7,26/7)	4	1 1/2	4	1/2	5 3/4	1 1/8
WPC71-2N-AA	1	650 (37,61,91), 700 (37,61,91), 715.5 (37,61)	636 (24/7,26/7), 605 (24/7,26/7,30/19)	1 3/4	1 1/2	3	1/2	4 3/4	5/8
WPC71-4N-AA	2	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	1/2	4 3/4	5/8
WPC71-4N4-AA	2	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	1/2	5 3/4	1 1/8
WPC79-2N-AA	1	795 MCM	—	1 3/4	1 1/2	3	5/8	4 3/4	5/8
WPC79-3N-AA	2	795 MCM	—	3	1 1/2	3	5/8	4 3/4	5/8
WPC80-2N-AA	1	750 (37,61,91), 795 (37,61), 800 (61,91)	636 (30/19), 666.6 (24/7,26/7), 715.5 (24/7)	1 3/4	1 1/2	3	1/2	4 3/4	5/8
WPC80-2N3-AA	1	750 (37,61,91), 795 (37,61), 800 (61,91)	636 (30/19), 666.6 (24/7,26/7), 715.5 (24/7)	2	1 1/2	3	1/2	4 3/4	5/8
WPC80-4N-AA	2	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	1/2	4 3/4	5/8
WPC80-4N4-AA	2	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	1/2	5 3/4	1 1/8
WPC90-2N-AA	1	800 (61,91), 874.5 (37,61), 900 (37,61,91)	715.5 (30/19), 795 (36/1,45/7,24/7,54/7)	2	1 1/2	3	1/2	4 3/4	5/8
WPC90-4N-AA	2	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	1/2	4 3/4	5/8
WPC90-4N4-AA	2	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	1/2	5 3/4	1 1/8
WPC95-2N-AA	1	900 (37,61), 954 (37,61)	795 (26/7, 30/19), 874.5 (54/7), 900 (45/7,54/7)	2	1 3/4	3	1/2	5	5/8
WPC95-4N-AA	2	900 (37,61), 954 (37,61)	795 (26/7, 30/19), 874.5 (54/7), 900 (45/7,54/7)	3	1 3/4	3	1/2	5	5/8
WPC95-4N4-AA	2	900 (37,61), 954 (37,61)	795 (26/7, 30/19), 874.5 (54/7), 900 (45/7,54/7)	4	1 3/4	4	1/2	6	1 1/8

230 kV – Welded Terminal Conn.

continued
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230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WPC-N-AA, WPCA-N-30-AA, WPCA-N-45-AA, WPCA-N-90-AA

Ordering Information

CATALOG NUMBER	FIG. NO.	CABLE RANGE		DIMENSIONS IN INCHES					
		ALUMINUM	ACSR	A	B	C	T	L	X
WPC103-2N-AA	1	954 (37/61), 1000 (37,61,91), 1033.5 (37,61)	954 (36/1,45/7,54/7)	2	1 3/4	3	1/2	5	5/8
WPC103-4N-AA	2	954 (37/61), 1000 (37,61,91), 1033.5 (37,61)	954 (36/1,45/7,54/7)	3	1 3/4	3	1/2	5	5/8
WPC103-4N4-AA	2	954 (37/61), 1000 (37,61,91), 1033.5 (37,61)	954 (36/1,45/7,54/7)	4	1 3/4	4	1/2	6	1 1/8
WPC103-4N4-AA-T3/4	2	954 (37/61), 1000 (37,61,91), 1033.5 (37,61)	954 (36/1,45/7,54/7)	4	1 3/4	4	3/4	6	1 1/8
WPC111-2N-AA	1	1100 (91,127), 1113 (61)	1033.5 (36/1,45/7,54/7)	2 1/2	1 3/4	3	1/2	5	5/8
WPC111-4N-AA	2	1100 (91,127), 1113 (61)	1033.5 (36/1,45/7,54/7)	3	1 3/4	3	1/2	5	5/8
WPC111-4N4-AA	2	1100 (91,127), 1113 (61)	1033.5 (36/1,45/7,54/7)	4	1 3/4	4	1/2	6	1 1/8
WPC127A-4N-AA	2	—	1272 MCM	3	2	3	3/4	5 1/4	5/8
WPC127A-4N4-AA	2	—	1272 MCM	4	2	4	11/16	5 1/2	1 1/8
WPC127R-4N-AA	2	1272 MCM ROPE LAY	—	3	2	3	11/16	5 1/2	5/8
WPC127R-4N4-AA	2	1272 MCM ROPE LAY	—	4	2	4 1/4	11/16	6 1/2	1 1/8
WPC135-2N-AA	1	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)	2 1/2	2	3	9/16	5 1/4	5/8
WPC135-4N-AA	2	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	9/16	5 1/4	5/8
WPC135-4N4-AA	2	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	9/16	6 1/4	1 1/8
WPC151-4N-AA	2	1400 (91,127), 1431 (61), 1500 (91,127), 1510.5 (61)	1272 (45/7,54/19), 1351.5 (45/7,54/19)	3	2 1/4	3	3/4	5 5/8	5/8
WPC151-4N4-AA	2	1400 (91,127), 1431 (61), 1500 (91,127), 1510.5 (61)	1272 (45/7,54/19), 1351.5 (45/7,54/19)	4	2 1/4	4	3/4	6 5/8	1 1/8
WPC159-2N-AA	1	1590 MCM	—	2 1/2	2	3	11/16	5 5/16	5/8
WPC159-4N-AA	2	1590 MCM	—	3	2	3	11/16	5 5/16	5/8
WPC159-4N4-AA	2	1590 MCM	—	4	2	4	11/16	6 5/16	1 1/8
WPC170-2N-AA	1	1590 (61), 1600 (127,169), 1700 (127,169)	1431 (45/7,54/19), 1510.5 (45/7, 54/19)	2 1/2	2 1/4	3	3/4	5 1/2	5/8
WPC170-4N-AA	2	1590 (61), 1600 (127,169), 1700 (127,169)	1431 (45/7,54/19), 1510.5 (45/7, 54/19)	3	2 1/4	3	5/8	5 1/2	5/8
WPC170-4N4-AA	2	1590 (61), 1600 (127,169), 1700 (127,169)	1431 (45/7,54/19), 1510.5 (45/7, 54/19)	4	2 1/4	4	3/4	6 5/8	1 1/8
WPC190-4N-AA	2	1750 (127,169), 1800 (127,169), 1900 (127,169)	1590 (45/7,54/19), 1780 (84/19)	3	2 1/4	3	11/16	5 1/2	5/8
WPC190-4N4-AA	2	1750 (127,169), 1800 (127,169), 1900 (127,169)	1590 (45/7,54/19), 1780 (84/19)	4	2 1/4	4	11/16	6 1/2	1 1/8
WPC190-6N4-AA	3	1750 (127, 169), 1800 (127, 169), 1900 (127, 169)	1590 (45/7, 54/19), 1780 (84/19)	6	2 1/4	4	11/16	6 1/2	1 1/8
WPC205-4N4-AA	2	2049 MCM ACAR	—	4	2 1/4	4	3/4	6 9/16	1 1/8
WPC225-4N-AA	2	2000 (91,127,169), 2250 (91)	1780 (84/19), 2167 (72/7)	3	2 1/4	3	3/4	5 9/16	5/8
WPC225-4N4-AA	2	2000 (91,127,169), 2250 (91)	1780 (84/19), 2167 (72/7)	4	2 1/4	4	3/4	6 9/16	1 1/8
WPC225-6N4-AA	3	2000 (91,127,169), 2250 (91)	1780 (84/19), 2167 (72/7)	6	2 1/4	4	3/4	6 9/16	1 1/8
WPC234-4N4-AA	2	2336 MCM ACAR	—	4	2 1/4	4	3/4	6 9/16	1 1/8
WPC240R-4N4-AA	2	2.4 DI	—	4	2 3/4	4 1/4	1	7 1/4	1 1/8
WPC250-4N-AA	2	2500 (91,127,169)	2156 (84/19)	3	2 1/4	3	3/4	5 1/2	5/8
WPC250-4N4-AA	2	2500 (91,127,169)	2156 (84/19)	4	2 1/4	4	3/4	6 1/2	1 1/8
WPC300-4N-AA	2	2750 (91), 3000 (127,169)	2870 MCM	3	2 1/4	3	3/4	5 1/2	5/8
WPC300-4N4-AA	2	2750 (91), 3000 (127,169)	2870 MCM	4	2 1/4	4	3/4	6 5/8	1 1/8

230 kV – Welded Terminal Conn.

DOSSERT®

TYPE WTP-N-AA

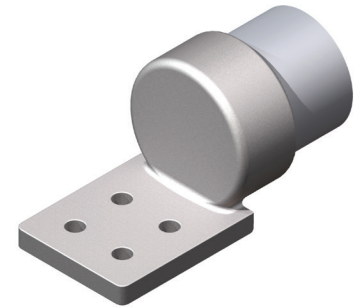
Flush Welded Terminal

Material

Aluminum Alloy

Notes

1. Add "U" for undrilled pad. EX: WTP400-4N4U-AA
2. Add "F" for finished pad on both sides. EX: WTP75-2NF-AA



WTP-N-AA

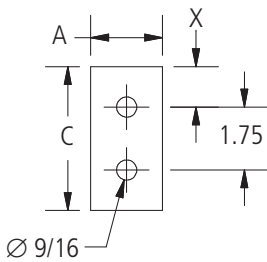
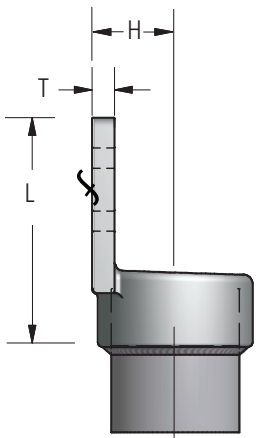


FIG. 1

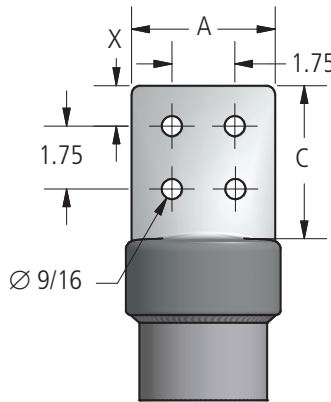


FIG. 2

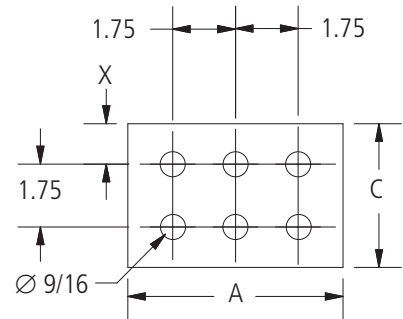


FIG. 3

continued
→



230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WTP-N-AA

Flush Welded Terminal

Ordering Information

CATALOG NUMBER	SPS	FIGURE NUMBER	DIMENSIONS IN INCHES					
			A	C	H	L	T	X
WTP75-2N-AA	3/4	1	2.00	3.00	1.31	4.31	0.38	0.63
WTP75-4N-AA	3/4	2	3.00	3.00	1.31	4.31	0.38	0.63
WTP100-2N-AA	1	1	2.00	3.00	1.19	4.25	0.50	0.63
WTP100-4N-AA	1	2	3.00	3.00	1.00	4.25	0.38	0.63
WTP100-4N4-AA	1	2	4.00	4.00	1.00	5.25	0.38	1.13
WTP125-2N-AA	1-1/4	1	2.00	3.00	1.25	4.63	0.50	0.63
WTP125-4N-AA	1-1/4	2	3.00	3.00	1.44	5.00	0.63	0.63
WTP125-4N4-AA	1-1/4	2	4.00	4.00	1.25	5.44	0.50	1.13
WTP150-2N-AA	1-1/2	1	2.00	3.00	1.56	5.00	0.50	0.63
WTP150-4N-AA	1-1/2	2	3.00	3.00	1.56	5.00	0.50	0.63
WTP150-4N4-AA	1-1/2	2	4.00	4.00	1.56	6.00	0.50	1.13
WTP200-2N-AA	2	1	2.00	3.00	1.69	4.88	0.50	0.63
WTP200-4N-AA	2	2	3.00	3.00	1.81	5.25	0.63	0.63
WTP200-4N4-AA	2	2	4.00	4.00	1.69	5.88	0.63	1.13
WTP250-2N-AA	2-1/2	1	2.00	3.00	1.94	5.25	0.63	0.63
WTP250-4N-AA	2-1/2	2	3.00	3.00	1.94	5.25	0.63	0.63
WTP250-4N4-AA	2-1/2	2	4.00	4.00	1.88	6.25	0.63	1.13
WTP300-2N-AA	3	1	2.00	3.00	2.31	5.63	0.63	0.63
WTP300-4N-AA	3	2	3.00	3.00	2.25	5.38	0.63	0.63
WTP300-4N4-AA	3	2	4.00	4.00	2.25	6.38	0.63	1.13
WTP300-5N4-AA	3	3	5.00	4.00	2.31	6.63	0.63	1.13
WTP300-6N4-AA	3	3	6.00	4.00	2.31	6.63	0.63	1.13
WTP350-2N-AA	3-1/2	1	2.00	3.00	2.56	5.50	0.75	0.63
WTP350-4N-AA	3-1/2	2	3.00	3.00	2.56	5.50	0.75	0.63
WTP350-4N4-AA	3-1/2	2	4.00	4.00	2.56	6.50	0.75	1.13
WTP350-5N4-AA	3-1/2	3	5.00	4.00	2.56	6.88	0.75	1.13
WTP350-6N4-AA	3-1/2	3	6.00	4.00	2.56	6.88	0.75	1.13
WTP400-4N-AA	4	2	3.00	3.50	2.97	6.38	0.75	0.63
WTP400-4N4-AA	4	2	4.00	4.00	2.97	7.50	0.75	1.13
WTP400-5N4-AA	4	3	5.00	4.00	2.88	7.13	0.75	1.13
WTP400-6N4-AA	4	3	6.00	4.00	2.88	7.13	0.75	1.13
WTP500-4N-AA	5	2	3.00	3.00	3.44	6.63	0.88	0.63
WTP500-4N4-AA	5	2	4.00	4.00	3.44	7.00	0.88	1.13
WTP500-5N4-AA	5	3	5.00	4.00	3.44	7.63	0.88	1.13
WTP500-6N4-AA	5	3	6.00	4.00	3.44	7.63	0.88	1.13
WTP600-4N-AA	6	2	3.00	3.00	3.94	7.13	1.00	0.63
WTP600-4N4-AA	6	2	4.00	4.50	4.25	8.94	1.06	1.13
WTP600-5N4-AA	6	3	5.00	4.00	3.94	8.13	1.00	1.13
WTP600-6N4-AA	6	3	6.00	4.00	3.94	7.00	1.00	1.13
WTP800R-4N4-AA	8" OD	2	4.00	4.00	5.08	8.13	1.25	1.13
WTP800R-6N4-AA	8" OD	3	6.00	4.00	5.02	8.00	1.25	1.13

230 kV Al. Welded Terminal Connectors

DOSSERT® TYPE WTPA-N-45-AA

Flush Welded Terminal, 45 Degree

Material

Aluminum Alloy

Notes

1. Add "U" for undrilled pad. EX: WTPA400-4N4U-45-AA
2. Add "F" for finished pad on both sides. EX: WTPA75-2NF-AA



WTPA-N-45-AA

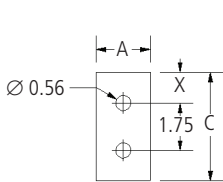
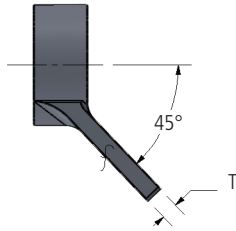
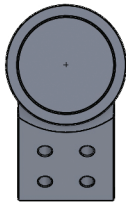


FIG. 1

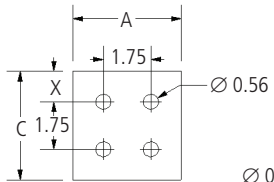


FIG. 2

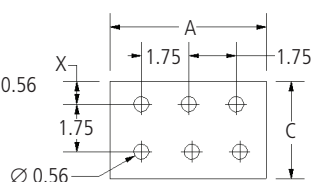


FIG. 3

continued
→

DOSSERT®

TYPE WTPA-N-45-AA

Flush Welded Terminal, 45 Degree

Ordering Information

CATALOG NUMBER	SPS	FIGURE NUMBER	DIMENSIONS IN INCHES			
			A	C	T	X
WTPA75-2N-45-AA	3/4	1	2.00	3.00	0.38	0.63
WTPA75-4N-45-AA	3/4	2	3.00	3.00	0.38	0.63
WTPA100-2N-45-AA	1	1	2.00	3.00	0.50	0.63
WTPA100-4N-45-AA	1	2	3.00	3.00	0.38	0.63
WTPA100-4N4-45-AA	1	2	4.00	4.00	0.38	1.13
WTPA125-2N-45-AA	1-1/4	1	2.00	3.00	0.50	0.63
WTPA125-4N-45-AA	1-1/4	2	3.00	3.00	0.63	0.63
WTPA125-4N4-45-AA	1-1/4	2	4.00	4.00	0.50	1.13
WTPA150-2N-45-AA	1-1/2	1	2.00	3.00	0.50	0.63
WTPA150-4N-45-AA	1-1/2	2	3.00	3.00	0.50	0.63
WTPA150-4N4-45-AA	1-1/2	2	4.00	4.00	0.50	1.13
WTPA200-2N-45-AA	2	1	2.00	3.00	0.50	0.63
WTPA200-4N-45-AA	2	2	3.00	3.13	0.50	0.63
WTPA200-4N4-45-AA	2	2	4.00	4.00	0.50	1.13
WTPA250-2N-45-AA	2-1/2	1	2.00	3.25	0.63	0.63
WTPA250-4N-45-AA	2-1/2	2	3.00	3.00	0.63	0.63
WTPA250-4N4-45-AA	2-1/2	2	4.00	4.00	0.63	1.13
WTPA300-2N-45-AA	3	1	2.00	3.00	0.63	0.63
WTPA300-4N-45-AA	3	2	3.00	3.00	0.63	0.63
WTPA300-4N4-45-AA	3	2	4.00	4.00	0.75	1.13
WTPA300-5N4-45-AA	3	3	5.00	4.00	0.63	1.13
WTPA300-6N4-45-AA	3	3	6.00	4.00	0.63	1.13
WTPA350-2N-45-AA	3-1/2	1	2.00	3.00	0.75	0.63
WTPA350-4N-45-AA	3-1/2	2	3.00	3.00	0.75	0.63
WTPA350-4N4-45-AA	3-1/2	2	4.00	4.00	0.75	1.13
WTPA350-5N4-45-AA	3-1/2	3	5.00	4.00	0.75	1.13
WTPA350-6N4-45-AA	3-1/2	3	6.00	4.00	0.75	1.13
WTPA400-4N-45-AA	4	2	3.00	3.00	0.75	0.63
WTPA400-4N4-45-AA	4	2	4.00	4.00	0.75	1.13
WTPA400-5N4-45-AA	4	3	5.00	4.00	0.75	1.13
WTPA400-6N4-45-AA	4	3	6.00	4.00	0.75	1.13
WTPA500-4N-45-AA	5	2	3.00	3.00	0.88	0.63
WTPA500-4N4-45-AA	5	2	4.00	4.00	0.88	1.13
WTPA500-5N4-45-AA	5	3	5.00	4.00	0.88	1.13
WTPA500-6N4-45-AA	5	3	6.00	4.00	0.88	1.13
WTPA600-4N-45-AA	6	2	3.00	3.00	1.00	0.63
WTPA600-4N4-45-AA	6	2	4.00	4.00	0.63	1.13
WTPA600-5N4-45-AA	6	3	5.00	4.00	1.00	1.13
WTPA600-6N4-45-AA	6	3	6.00	4.00	0.63	1.13
WTPA800R-4N4-45-AA	8" OD	2	4.00	4.00	1.25	1.13
WTPA800R-6N4-45-AA	8" OD	3	6.00	4.00	1.25	1.13

DOSSERT®

TYPE WTPA-N-90-AA

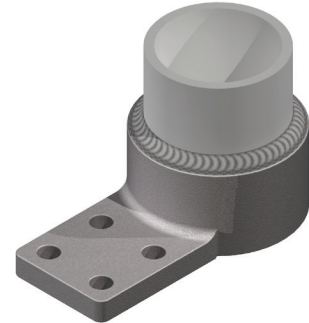
Flush Welded Terminal, 90 Degree

Material

Aluminum Alloy

Notes

1. Add "U" for undrilled pad. EX: WTPA400-4N4U-90-AA
2. Add "F" for finished pad on both sides. EX: WTPA75-2NF-90-AA



WTPA-N-90-AA

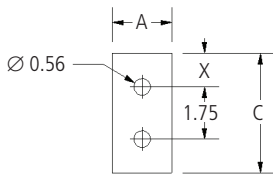


FIG. 1

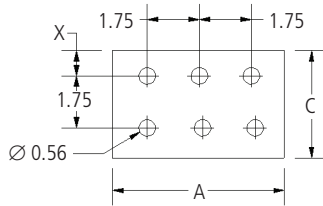


FIG. 3

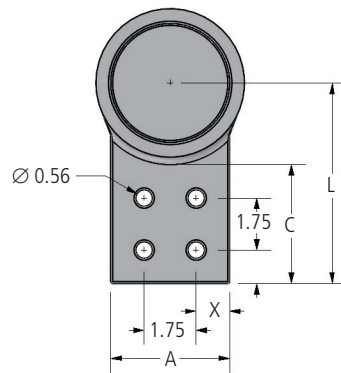
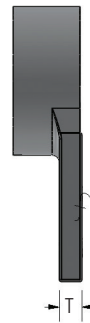


FIG. 2



continued
→



DOSSERT®

TYPE WTPA-N-90-AA

Flush Welded Terminal, 90 Degree

Ordering Information

CATALOG NUMBER	SPS	FIGURE NUMBER	DIMENSIONS IN INCHES				
			A	C	L	T	X
WTPA75-2N-90-AA	3/4	1	2.00	3.00	3.88	0.38	0.63
WTPA75-4N-90-AA	3/4	2	3.00	3.00	3.88	0.38	0.63
WTPA100-2N-90-AA	1	1	2.00	3.00	4.19	0.38	0.63
WTPA100-4N-90-AA	1	2	3.00	3.00	4.19	0.38	0.63
WTPA100-4N4-90-AA	1	2	4.00	4.00	5.19	0.38	1.13
WTPA125-2N-90-AA	1-1/4	1	2.00	3.00	4.50	0.63	0.63
WTPA125-4N-90-AA	1-1/4	2	3.00	3.00	4.50	0.63	0.63
WTPA125-4N4-90-AA	1-1/4	2	4.00	4.00	5.63	0.50	1.13
WTPA150-2N-90-AA	1-1/2	1	2.00	3.00	4.69	0.50	0.63
WTPA150-4N-90-AA	1-1/2	2	3.00	3.00	4.69	0.50	0.63
WTPA150-4N4-90-AA	1-1/2	2	4.00	4.00	5.63	0.50	1.13
WTPA200-2N-90-AA	2	1	2.00	3.00	4.75	0.50	0.63
WTPA200-4N-90-AA	2	2	3.00	3.00	4.75	0.50	0.63
WTPA200-4N4-90-AA	2	2	4.00	4.00	5.75	0.50	1.13
WTPA250-2N-90-AA	2-1/2	1	2.50	3.00	6.19	0.63	0.63
WTPA250-4N-90-AA	2-1/2	2	3.00	3.00	5.20	0.63	0.63
WTPA250-4N4-90-AA	2-1/2	2	4.00	4.00	6.19	0.63	1.13
WTPA300-2N-90-AA	3	1	2.00	3.00	5.44	0.63	0.63
WTPA300-4N-90-AA	3	2	3.00	3.00	5.41	0.63	0.63
WTPA300-4N4-90-AA	3	2	4.00	4.00	6.44	0.63	1.13
WTPA300-5N4-90-AA	3	3	5.00	4.00	6.44	0.63	1.13
WTPA300-6N4-90-AA	3	3	6.00	4.00	6.44	0.63	1.13
WTPA350-2N-90-AA	3-1/2	1	2.00	3.00	5.72	0.75	0.63
WTPA350-4N-90-AA	3-1/2	2	3.00	3.00	5.75	0.75	0.63
WTPA350-4N4-90-AA	3-1/2	2	4.00	4.00	6.75	0.75	1.13
WTPA350-5N4-90-AA	3-1/2	3	5.00	4.00	6.75	0.75	1.13
WTPA350-6N4-90-AA	3-1/2	3	6.00	4.00	6.75	0.75	1.13
WTPA400-4N-90-AA	4	2	3.00	3.00	6.52	0.75	0.63
WTPA400-4N4-90-AA	4	2	4.00	4.00	7.02	0.75	1.13
WTPA400-5N4-90-AA	4	3	5.00	4.00	7.02	0.75	1.13
WTPA400-6N4-90-AA	4	3	6.00	4.00	7.02	0.75	1.13
WTPA500-4N-90-AA	5	2	3.00	3.50	7.06	0.88	0.63
WTPA500-4N4-90-AA	5	2	4.00	4.00	7.56	0.88	1.13
WTPA500-5N4-90-AA	5	3	5.00	4.00	7.56	0.88	1.13
WTPA500-6N4-90-AA	5	3	6.00	4.50	8.12	1.13	1.13
WTPA600-4N-90-AA	6	2	3.00	3.00	7.00	1.00	0.63
WTPA600-4N4-90-AA	6	2	4.00	4.00	8.22	1.00	1.13
WTPA600-5N4-90-AA	6	3	5.00	4.00	8.22	1.00	1.13
WTPA600-6N4-90-AA	6	3	6.00	4.00	8.22	1.00	1.13
WTPA800R-4N4-90-AA	8" OD	2	4.00	4.00	9.33	1.25	1.13
WTPA800R-6N4-90-AA	8" OD	3	6.00	4.00	9.33	1.25	1.13

230 kV – Welded Terminal Conn.

DOSSERT®

TYPE WTPC-N-AA

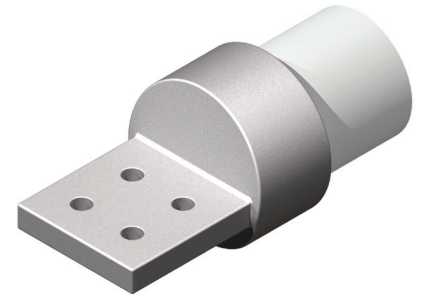
External Center Form Welded Terminal

Material

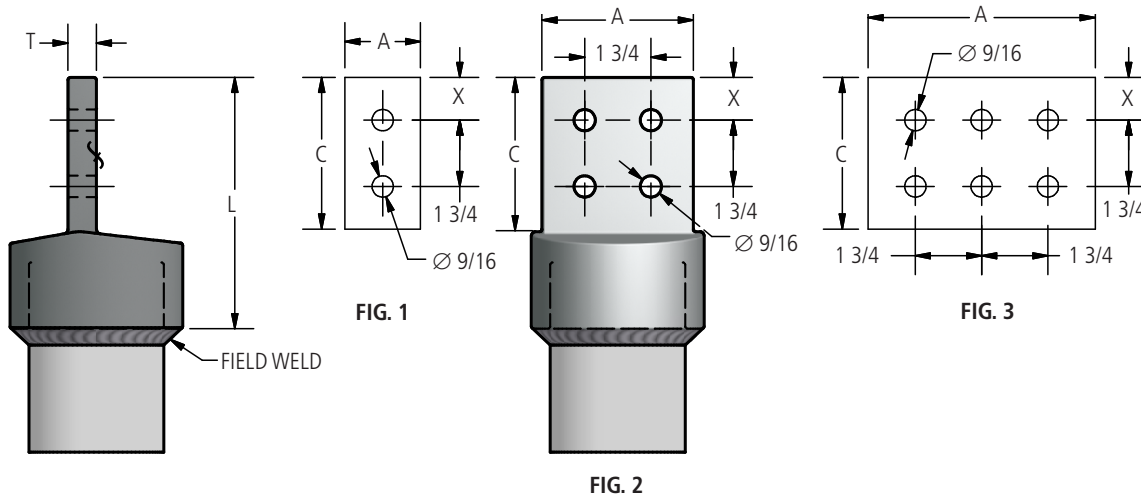
Aluminum Alloy

Notes

- Add "U" for undrilled
- Add "F" for finished on both sides EX: WTPC75-2NF-AA



230 kV – Welded Terminal Conn.



Ordering Information

CATALOG NUMBER	FIGURE NUMBER	SPS	DIMENSIONS IN INCHES				
			A	C	L	T	X
WTPC75-2N-AA	1	3/4	2	3	4 5/8	3/8	5/8
WTPC75-4N-AA	2	3/4	3	3	4 5/8	3/8	5/8
WTPC100-2N-AA	1	1	2	3	5	3/8	5/8
WTPC100-4N-AA	2	1	3	3	5	3/8	5/8
WTPC100-4N4-AA	2	1	4	4	6	3/8	1 1/8
WTPC125-2N-AA	1	1 1/4	2	3	5	1/2	5/8
WTPC125-4N4-AA	2	1 1/4	4	4	6	1/2	1 1/8
WTPC125-4N-AA	2	1 1/4	3	3	5	1/2	5/8
WTPC150-2N-AA	1	1 1/2	2	3	5	5/8	5/8
WTPC150-4N4-AA	2	1 1/2	4	4	6 1/32	1/2	1 1/8
WTPC150-4N-AA	2	1 1/2	3	3	4 5/8	1/2	5/8
WTPC200-2N-AA	1	2	2	3	5	1/2	5/8
WTPC200-4N4-AA	2	2	4	4	6	1/2	1 1/8
WTPC200-4N-AA	2	2	3	3	5	1/2	5/8
WTPC250-2N-AA	1	2 1/2	3	3	5	5/8	5/8
WTPC250-4N4-AA	2	2 1/2	4	4	6	5/8	1 1/8
WTPC250-4N-AA	2	2 1/2	3	3	5	5/8	5/8
WTPC300-2N-AA	1	3	2 1/2	3	5 1/4	3/4	5/8
WTPC300-4N4-AA	2	3	4	4	6 5/8	3/4	1 1/8
WTPC300-4N-AA	2	3	3	3	5 1/4	3/4	5/8
WTPC350-4N-AA	2	3 1/2	3	3	5 5/8	3/4	5/8
WTPC350-4N4-AA	2	3 1/2	4	4	6 5/8	3/4	1 1/8
WTPC400-2N-AA	1	4	2 1/2	3	6	3/4	5/8
WTPC400-4N4-AA	2	4	4	4	7	7/8	1 1/8
WTPC400-4N-AA	2	4	3	3	6	3/4	5/8
WTPC400-5N4-AA	3	4	5	4	6 3/4	3/4	1 1/8
WTPC400-6N4-AA	3	4	6	4 1/2	7 1/2	7/8	1 1/8
WTPC500-4N-AA	2	5	3	3 1/2	6 7/8	3/4	5/8
WTPC500-4N4-AA	2	5	4	4	7 3/8	3/4	1 1/8
WTPC500-5N4-AA	3	5	5	4	7 3/8	7/8	1 1/8
WTPC500-6N4-AA	3	5	6	4	7 3/8	7/8	1 1/8
WTPC600-4N4-AA	2	6	4	4	7 7/8	1	1 1/8
WTPC600-6N4-AA	3	6	6 1/8	4	7 7/8	1	1 1/8
WTPC800-4N4-AA	2	8	4	4	7 7/8	1 1/4	1 1/8
WTPC800-6N4-AA	3	8	6	4	7 7/8	1 1/4	1 1/8

DOSSERT®

TYPE WTPI-N-AA, WTPIA-N-45-AA, WTPIA-N-90-AA

Internal Welded Terminal

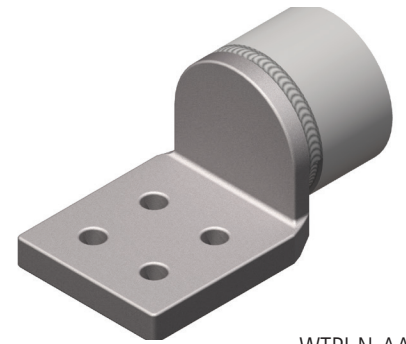
WTPI-N-AA the pad and pipe run parallel, WTPIA-N-45-AA the pad is at a 45° angle to the pipe, and WTPIA-N-90-AA the pad is at a 90° angle to the pipe.

Material

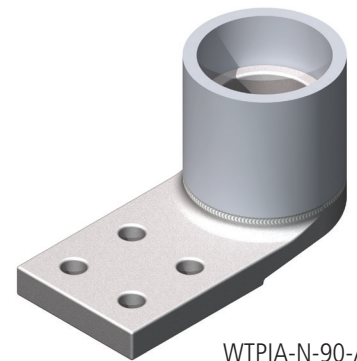
Aluminum

Notes

- Add "U" for undrilled
- Add "F" for finished on both sides. EX: WTP75-2NF-AA
- For a 1" SPS pipe to a 3" NEMA pad at 45°, order: WTPIA100-4N-45-AA
- For a 2" SPS pipe to a 4" NEMA pad at 90°, order: WTPIA200-4N4-90-AA
- For a 2" SPS pipe to a 4" NEMA pad finished on both sides, order: WTPI200-4N4F-AA
- For a 1" SPS pipe to a 4" pad undrilled order: WTPI100-4N4U-AA



WTPI-N-AA



WTPIA-N-90-AA



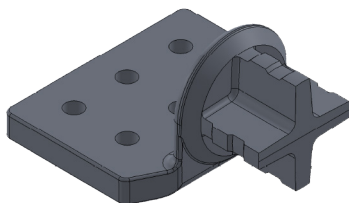
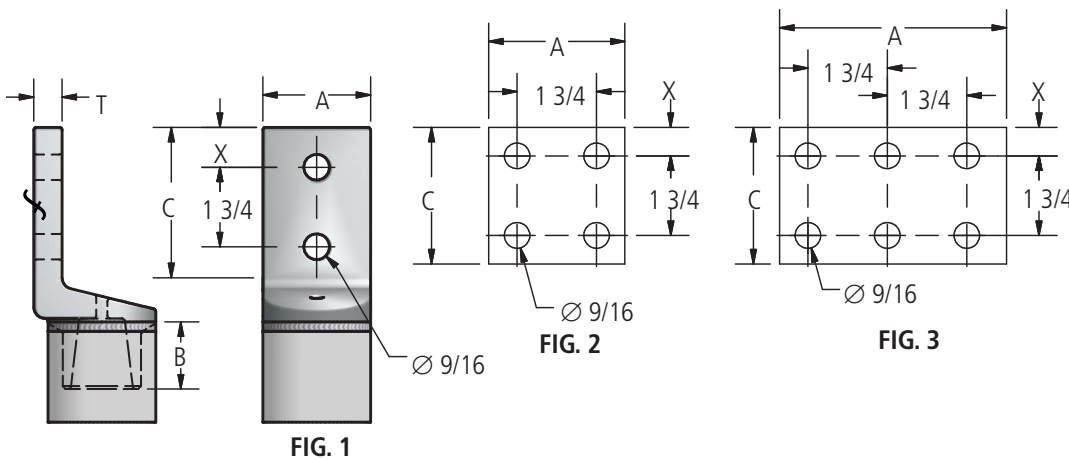
WTPI-N-AA



WTPIA-N-45-AA



WTPIA-N-90-AA



CROSS DESIGN



DOSSERT®

TYPE WTPI-N-AA, WTPIA-N-45-AA, WTPIA-N-90-AA

Internal Welded Terminal

Ordering Information

CATALOG NUMBER		SPS	FIG NUMBER	DIMENSIONS IN INCHES				
SCH 40	SCH 80			A	B	C	T	X
WTPI75-2N-AA	WTPI75E-2N-AA	3/4	1	1-1/2	3/4	3	3/8	5/8
WTPI100-2N-AA	WTPI100E-2N-AA	1	1	1-1/2	3/4	3	3/8	5/8
WTPI100-4N-AA	WTPI100E-4N-AA	1	2	3	3/4	3	3/8	5/8
WTPI100-4N4-AA	WTPI100E-4N4-AA	1	2	4	3/4	4	3/8	1-1/8
WTPI150-2N-AA	WTPI150E-2N-AA	1-1/2	1	2	1	3	1/2	5/8
WTPI150-4N-AA	WTPI150E-4N-AA	1-1/2	2	3	1	3	1/2	5/8
WTPI150-4N4-AA	WTPI150E-4N4-AA	1-1/2	2	4	1	4	1/2	1-1/8
WTPI200-2N-AA	WTPI200E-2N-AA	2	1	2	1-1/4	3	5/8	5/8
WTPI200-4N-AA	WTPI200E-4N-AA	2	2	3	1-1/4	3	5/8	5/8
WTPI200-4N4-AA	WTPI200E-4N4-AA	2	2	4	1-1/4	4	5/8	1-1/8
WTPI200-6N4-AA*	WTPI200E-6N4-AA*	2	3	6	2	4	5/8	1-1/8
WTPI250-2N-AA	WTPI250E-2N-AA	2-1/2	1	2	1-1/2	3	5/8	5/8
WTPI250-4N-AA	WTPI250E-4N-AA	2-1/2	2	3	1-1/2	3	5/8	5/8
WTPI250-4N4-AA	WTPI250E-4N4-AA	2-1/2	2	4	1-1/2	4	5/8	1-1/8
WTPI300-2N-AA	WTPI300E-2N-AA	3	1	2	1-3/4	3	5/8	5/8
WTPI300-4N-AA	WTPI300E-4N-AA	3	2	3	1-3/4	3	3/4	5/8
WTPI300-4N4-AA	WTPI300E-4N4-AA	3	2	4	1-3/4	4	5/8	1-1/8
WTPI300-6N4-AA*	WTPI300E-6N4-AA*	3	3	6	2	4	3/4	1-1/8
WTPI350-4N-AA	WTPI350E-4N-AA	3-1/2	2	3	2	3	3/4	5/8
WTPI350-4N4-AA*	WTPI350E-4N4-AA*	3-1/2	2	4	2	4	3/4	1-1/8
WTPI400-6N4-AA	WTPI400E-6N4-AA	4	3	6	2-1/4	4	3/4	1-1/8
WTPI400-4N-AA	WTPI400E-4N-AA	4	2	3	2-1/4	3	3/4	5/8
WTPI400-4N4-AA	WTPI400E-4N4-AA	4	2	4	2-1/4	4	3/4	1-1/8
WTPI500-4N-AA	WTPI500E-4N-AA	5	2	3	2-7/8	3	7/8	5/8
WTPI500-4N4-AA	WTPI500E-4N4-AA	5	2	4	2-7/8	4	7/8	1-1/8
WTPI600-4N-AA	WTPI600E-4N-AA	6	2	3	3-3/8	3	1	5/8
WTPI600-4N4-AA	WTPI600E-4N4-AA	6	2	4	3-3/8	4	1	1-1/8

* Cross Design

DOSSERT®

TYPE WTPIC-N-AA

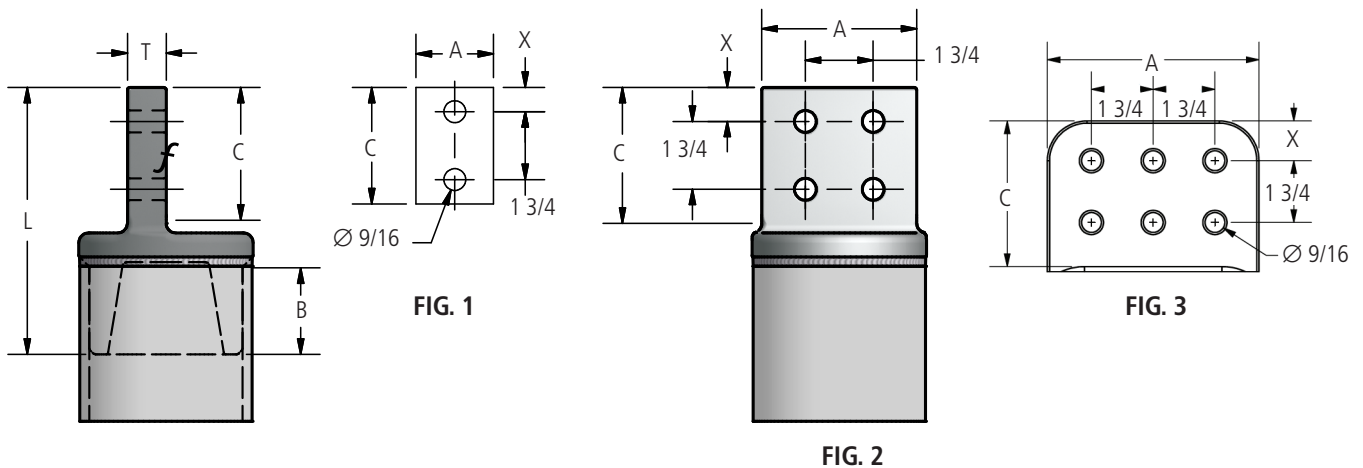
Internal Center Formed Welded Terminal

Material

Aluminum Alloy

Notes

1. Add "U" for undrilled. EX: WTPIC100-2NU-AA
2. Add "F" for finished on both sides. EX: WTPIC100-2NF-AA



Ordering Information

CATALOG NUMBER		SPS	FIG. NO.	DIMENSIONS IN INCHES					
SCH 40	SCH 80			A	B	C	L	T	X
WTPIC100-2N-AA	WTPIC100E-2N-AA	1	1	2	3/4	3	4 1/4	3/8	5/8
WTPIC100-4N-AA	WTPIC100E-4N-AA	1	2	3	3/4	3	4 1/4	3/8	5/8
WTPIC150-2N-AA	WTPIC150E-2N-AA	1-1/2	2	2	1	3	4 1/2	1/2	5/8
WTPIC150-4N-AA	WTPIC150E-4N-AA	1-1/2	1	3	1	3	4 1/2	1/2	5/8
WTPIC200-2N-AA	WTPIC200E-2N-AA	2	2	2	1 1/4	3	5 1/4	5/8	5/8
WTPIC200-4N4-AA	WTPIC200E-4N4-AA	2	1	4	1 1/4	4	6 1/4	5/8	1 1/8
WTPIC200-4N-AA	WTPIC200E-4N-AA	2	2	3	1 1/4	3	5 1/4	5/8	5/8
WTPIC250-2N-AA	WTPIC250E-2N-AA	2-1/2	2	2	1 1/2	3	5 1/2	5/8	5/8
WTPIC250-4N4-AA	WTPIC250E-4N4-AA	2-1/2	1	4	1 1/2	4	6 1/2	5/8	1 1/8
WTPIC250-4N-AA	WTPIC250E-4N-AA	2-1/2	2	3	1 1/2	3	5 1/2	5/8	5/8
WTPIC300-4N4-AA	WTPIC300E-4N4-AA	3	2	4	1 3/4	4	6 3/4	5/8	1 1/8
WTPIC300-4N-AA	WTPIC300E-4N-AA	3	2	3	1 3/4	3	5 3/4	5/8	5/8
WTPIC350-4N4-AA	WTPIC350E-4N4-AA	3-1/2	2	4	2	4	7 1/4	3/4	1 1/8
WTPIC350-4N-AA	WTPIC350E-4N-AA	3-1/2	2	3	2	3	6 1/4	3/4	5/8
WTPIC400-4N4-AA	WTPIC400E-4N4-AA	4	2	4	2 1/4	4	7 1/4	3/4	1 1/8
WTPIC400-4N-AA	WTPIC400E-4N-AA	4	2	3	2 1/4	3	6 1/4	3/4	5/8
WTPIC500-4N4-AA	WTPIC500E-4N4-AA	5	2	4	2 1/2	4	8 1/8	7/8	1 1/8
WTPIC500-4N-AA	WTPIC500E-4N-AA	5	2	3	2 1/2	3	7 1/8	7/8	5/8
WTPIC600-4N4-AA	WTPIC600E-4N4-AA	6	2	4	3 3/8	4	8 3/4	1	1 1/8
WTPIC600-6N4-AA	WTPIC600E-6N4-AA	6	3	6	3 3/8	4	9 7/16	1	1 1/8
WTPIC800-4N4-AA	WTPIC800E-4N4-AA	8	2	4	3 3/8	4	8 3/4	1 1/8	1 1/8

230 kV Al. Welded Bu Supports

DOSSERT®

TYPE WTPO-N-AA, WTPOA-N-45-AA, WTPOA-N-90-AA

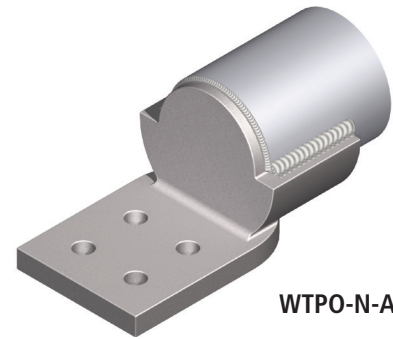
WTPO-N-AA flush half sleeve welded terminal, WTPOA-N-45-AA flush 45° half sleeve welded terminal, and WTPOA-N-90-AA flush 90° half sleeve welded terminal.

Material

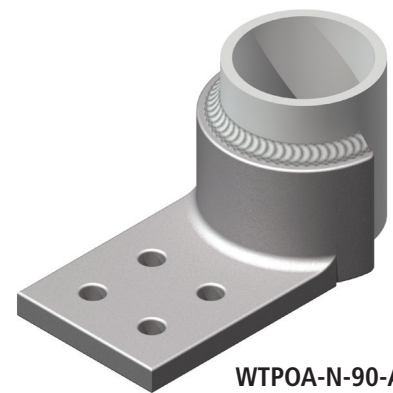
Aluminum Alloy

Notes

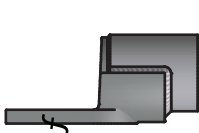
- To specify contact finish on top surface of pad in addition to bottom surface add letter "F" to the catalog number. Ex: 2NF - 4NF - 4N4F.
- For a 45° flush half sleeve terminal, 2" SPS, and 4", 4 hole NEMA pad order: WTPOA200-4N4-45-AA.
- For a 90° flush half sleeve terminal, 2" SPS, and 4", 4 hole NEMA pad finished on both sides order: WTPOA200-4N4F-90-AA.



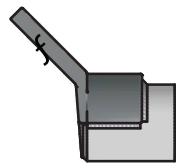
WTPO-N-AA



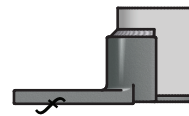
WTPOA-N-90-AA



WTPO-N-AA



WTPOA-N-45-AA



WTPOA-N-90-AA

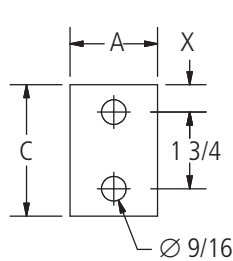
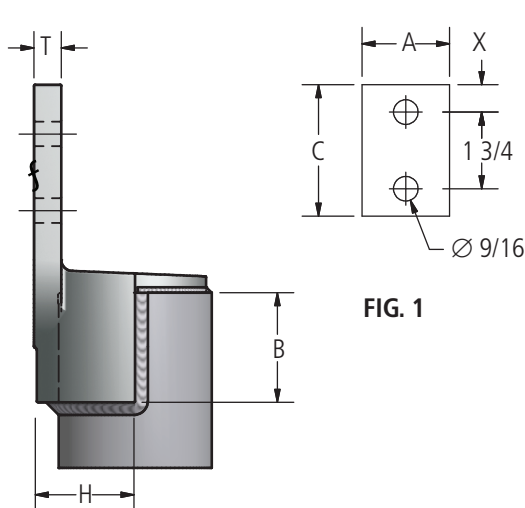


FIG. 1

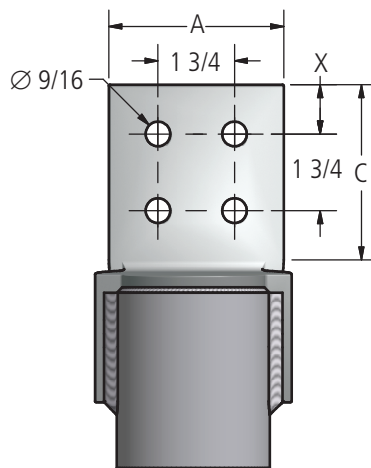


FIG. 2

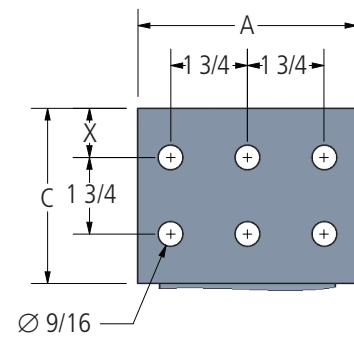


FIG. 3



DOSSERT®

**TYPE WTPO-N-AA, WTPOA-N-45-AA,
WTPOA-N-90-AA**

Ordering Information

SPS	CATALOG NUMBER	FIGURE NUMBER	ANGLE	DIMENSIONS IN INCHES					
				A	B	C	H	T	X
3/4	WTPO75-2N-AA	1	-	1 5/8	1	3	1	3/8	5/8
3/4	WTPOA75-2N-45-AA	1	45°	1 5/8	1	3	-	3/8	5/8
3/4	WTPOA75-2N-90-AA	1	90°	1 5/8	1	3	-	3/8	5/8
3/4	WTPO75-4N-AA	2	-	3	1	3	1	3/8	5/8
3/4	WTPOA75-4N-45-AA	2	45°	3	1	3	-	3/8	5/8
3/4	WTPOA75-4N-90-AA	2	90°	3	1	3	-	3/8	5/8
1	WTPO100-2N-AA	1	-	1 15/16	1 1/8	3	1 3/16	3/8	5/8
1	WTPOA100-2N-45-AA	1	45°	1 15/16	1 1/8	3	-	3/8	5/8
1	WTPOA100-2N-90-AA	1	90°	1 15/16	1 1/4	3	-	3/8	5/8
1	WTPO100-4N-AA	2	-	3	1 1/8	3	1 3/16	3/8	5/8
1	WTPOA100-4N-45-AA	2	45°	3	1 1/8	3	-	3/8	5/8
1	WTPOA100-4N-90-AA	2	90°	3	1 1/4	3	-	3/8	5/8
1 1/4	WTPO125-2N-AA	1	-	2	1 3/8	3	1 3/8	3/8	5/8
1 1/4	WTPOA125-2N-45-AA	1	45°	2	1 3/8	3	-	3/8	5/8
1 1/4	WTPOA125-2N-90-AA	1	90°	2	1 3/8	3	-	1/2	5/8
1 1/4	WTPO125-4N-AA	2	-	3	1 3/8	3	1 3/8	7/16	5/8
1 1/4	WTPOA125-4N-45-AA	2	45°	3	1 3/8	3	-	7/16	5/8
1 1/4	WTPOA125-4N-90-AA	2	90°	3	1 3/8	3	-	1/2	5/8
1 1/4	WTPOA125-4N4-90-AA	2	90°	4	1 3/8	4	-	1/2	1 1/8
1 1/2	WTPO150-2N-AA	1	-	2	1 5/8	3	1 15/32	7/16	5/8
1 1/2	WTPOA150-2N-45-AA	1	45°	2	1 5/8	3	-	1/2	5/8
1 1/2	WTPOA150-2N-90-AA	1	90°	2	1 5/8	3	-	1/2	5/8
1 1/2	WTPO150-4N-AA	2	-	3	1 5/8	3	1 15/32	1/2	5/8
1 1/2	WTPOA150-4N-45-AA	2	45°	3	1 5/8	3	-	1/2	5/8
1 1/2	WTPOA150-4N-90-AA	2	90°	3	1 5/8	3	-	1/2	5/8
1 1/2	WTPO150-4N4-AA	2	-	4	1 5/8	4	1 15/32	1/2	1 1/8
1 1/2	WTPOA150-4N4-45-AA	2	45°	4	1 5/8	4	-	1/2	1 1/8
1 1/2	WTPOA150-4N4-90-AA	2	90°	4	1 5/8	4	-	1/2	1 1/8
2	WTPO200-2N-AA	1	-	2	1 7/8	3	1 23/32	7/16	5/8
2	WTPOA200-2N-45-AA	1	45°	2	1 7/8	3	-	7/16	5/8
2	WTPOA200-2N-90-AA	1	90°	2	1 7/8	3	-	1/2	5/8
2	WTPO200-4N-AA	2	-	3	1 7/8	3	1 23/32	1/2	5/8
2	WTPOA200-4N-45-AA	2	45°	3	1 7/8	3	-	1/2	5/8
2	WTPOA200-4N-90-AA	2	90°	3	1 7/8	3	-	7/16	5/8
2	WTPO200-4N4-AA	2	-	4	1 7/8	4	1 23/32	1/2	1 1/8
2	WTPOA200-4N4-45-AA	2	45°	4	1 7/8	4	-	1/2	1 1/8
2	WTPOA200-4N4-90-AA	2	90°	4	1 7/8	4	-	7/16	1 1/8
2 1/2	WTPO250-2N-AA	1	-	2	2 1/4	3	1 31/32	5/8	5/8
2 1/2	WTPOA250-2N-45-AA	1	45°	2	2 1/4	3	-	5/8	5/8
2 1/2	WTPOA250-2N-90-AA	1	90°	2	2 1/4	3	-	5/8	5/8
2 1/2	WTPO250-4N-AA	2	-	3	2 1/4	3	1 31/32	5/8	5/8
2 1/2	WTPOA250-4N-45-AA	2	45°	3	2 1/4	3	-	5/8	5/8
2 1/2	WTPOA250-4N-90-AA	2	90°	3	2 1/4	3	-	5/8	5/8
2 1/2	WTPO250-4N4-AA	2	-	4	2 1/4	4	1 31/32	5/8	1 1/8
2 1/2	WTPOA250-4N4-45-AA	2	45°	4	2 1/4	4	-	5/8	1 1/8
2 1/2	WTPOA250-4N4-90-AA	2	90°	4	2 1/4	4	-	5/8	1 1/8
3	WTPO300-2N-AA	1	-	2	2 1/2	3	2 11/32	5/8	5/8
3	WTPOA300-2N-45-AA	1	45°	2	2 1/2	3	-	5/8	5/8
3	WTPOA300-2N-90-AA	1	90°	2	2 1/2	3	-	5/8	5/8

230 kV – Welded Terminal Conn.



DOSSERT®

**TYPE WTPO-N-AA, WTPOA-N-45-AA,
WTPOA-N-90-AA**

Ordering Information

SPS	CATALOG NUMBER	FIGURE NUMBER	ANGLE	DIMENSIONS IN INCHES					
				A	B	C	H	T	X
3	WTPO300-4N-AA	2	-	3	2 1/2	3	2 11/32	5/8	5/8
3	WTPOA300-4N-45-AA	2	45°	3	2 1/2	3	-	5/8	5/8
3	WTPOA300-4N-90-AA	2	90°	3	2 1/2	3	-	5/8	5/8
3	WTPO300-4N4-AA	2	-	4	2 1/2	4	2 11/32	5/8	1 1/8
3	WTPOA300-4N4-45-AA	2	45°	4	2 1/2	4	-	5/8	1 1/8
3	WTPOA300-4N4-90-AA	2	90°	4	2 1/2	4	-	5/8	1 1/8
3 1/2	WTPO350-2N-AA	1	-	2	3	3	2 19/32	3/4	5/8
3 1/2	WTPOA350-2N-45-AA	1	45°	2	3	3	-	3/4	5/8
3 1/2	WTPOA350-2N-90-AA	1	90°	2	3	3	-	3/4	5/8
3 1/2	WTPO350-4N-AA	2	-	3	3	3	2 19/32	3/4	5/8
3 1/2	WTPOA350-4N-45-AA	2	45°	3	3	3	-	3/4	5/8
3 1/2	WTPOA350-4N-90-AA	2	90°	3	3	3	-	3/4	5/8
3 1/2	WTPO350-4N4-AA	2	-	4	3	4	2 19/32	3/4	1 1/8
3 1/2	WTPOA350-4N4-45-AA	2	45°	4	3	4	-	3/4	1 1/8
3 1/2	WTPOA350-4N4-90-AA	2	90°	4	3	4	-	3/4	1 1/8
3 1/2	WTPO350-5N4-AA	3	-	5	3	4	2 19/32	3/4	1 1/8
3 1/2	WTPOA350-5N4-45-AA	3	45°	5	3	4	-	3/4	1 1/8
3 1/2	WTPOA350-5N4-90-AA	3	90°	5	3	4	-	3/4	1 1/8
4	WTPO400-2N-AA	1	-	2	3 1/2	3	2 27/32	3/4	5/8
4	WTPOA400-2N-45-AA	1	45°	2	3 1/2	3	-	3/4	5/8
4	WTPOA400-2N-90-AA	1	90°	2	3 3/4	3	-	3/4	5/8
4	WTPO400-4N-AA	2	-	3	3 1/2	3	2 27/32	3/4	5/8
4	WTPOA400-4N-45-AA	2	45°	3	3 1/2	3	-	3/4	5/8
4	WTPOA400-4N-90-AA	2	90°	3	3 3/4	3	-	3/4	5/8
4	WTPO400-4N4-AA	2	-	4	3 1/2	4	2 27/32	3/4	1 1/8
4	WTPOA400-4N4-45-AA	2	45°	4	3 1/2	4	-	3/4	1 1/8
4	WTPOA400-4N4-90-AA	2	90°	4	3 3/4	4	-	3/4	1 1/8
5	WTPO500-2N-AA	1	-	2	3 1/2	3	3 3/8	3/4	5/8
5	WTPOA500-2N-45-AA	1	45°	2	3 1/2	3	-	3/4	5/8
5	WTPOA500-2N-90-AA	1	90°	2	3 1/2	3	-	3/4	5/8
5	WTPO500-4N-AA	2	-	3	3 1/2	3	3 3/8	3/4	5/8
5	WTPOA500-4N-90-AA	2	90°	3	3 1/2	3	-	7/8	5/8
5	WTPOA500-4N-45-AA	2	45°	3	4	3	-	7/8	5/8
5	WTPO500-4N4-AA	2	-	4	3 1/2	4	3 3/8	3/4	1 1/8
5	WTPOA500-4N4-45-AA	2	45°	4	3 1/2	4	-	3/4	1 1/8
5	WTPOA500-4N4-90-AA	2	90°	4	3 1/2	4	-	7/8	1 1/8
5	WTPO500-6N4-AA	3	-	6	3 1/2	4	3 3/8	3/4	1 1/8
5	WTPOA500-6N4-45-AA	3	45°	6	3 1/2	4	-	3/4	1 1/8
5	WTPOA500-6N4-90-AA	3	90°	6	3 1/2	4	-	3/4	1 1/8
6	WTPO600-4N4-AA	2	-	4	3 5/8	4	3 3/8	1	1 1/8
6	WTPOA600-4N4-45-AA	2	45°	4	3 5/8	4	-	1	1 1/8
6	WTPOA600-4N4-90-AA	2	90°	4	3 5/8	4	-	1	1 1/8

DOSSERT[®] TYPE WTPOC-AA

Welded Terminal Lug

Material

Aluminum Alloy

Notes

- Add suffix "F" to the catalog number to add contact finish to both pad surfaces.
EX: WTPOC200-2NF-AA

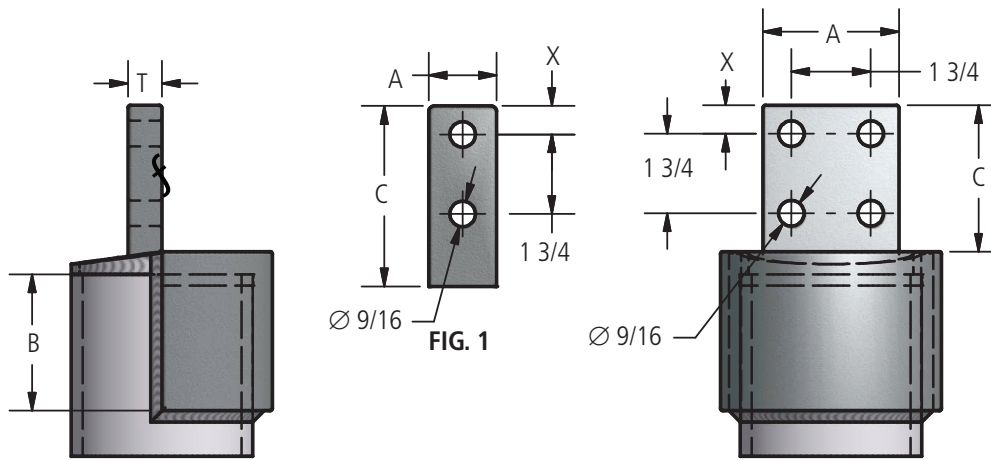
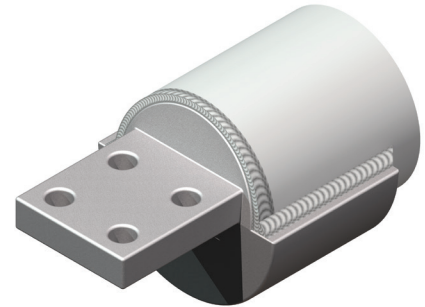


FIG. 2

Ordering Information

CATALOG NUMBER	SPS	FIG. NO.	DIMENSIONS IN INCHES				
			A	B	C	T	X
WTPOC100-2N-AA	1	1	2	1 1/8	3	3/8	5/8
WTPOC100-4N-AA	1	2	3	1 1/8	3	3/8	5/8
WTPOC125-2N-AA	1-1/4	1	2	1 3/8	3	3/8	5/8
WTPOC125-4N-AA	1-1/4	2	3	1 3/8	3	3/8	5/8
WTPOC150-2N-AA	1-1/2	1	2	1 5/8	3	1/2	5/8
WTPOC150-4N-AA	1-1/2	2	3	1 5/8	3	3/8	5/8
WTPOC150-4N4-AA	1-1/2	2	4	1 5/8	4	3/8	1 1/8
WTPOC200-2N-AA	2	1	2	1 7/8	3	1/2	5/8
WTPOC200-4N-AA	2	2	3	1 7/8	3	1/2	5/8
WTPOC200-4N4-AA	2	2	4	1 7/8	4	1/2	1 1/8
WTPOC250-2N-AA	2-1/2	1	2	2 1/4	3	1/2	5/8
WTPOC250-4N-AA	2-1/2	2	3	2 1/4	3	1/2	5/8
WTPOC250-4N4-AA	2-1/2	2	4	2 1/4	4	1/2	1 1/8
WTPOC300-2N-AA	3	1	2	2 1/2	3	5/8	5/8
WTPOC300-4N-AA	3	2	3	2 1/2	3	5/8	5/8
WTPOC300-4N4-AA	3	2	4	2 1/2	4	5/8	1 1/8
WTPOC350-2N-AA	3-1/2	1	2	3	3	3/4	5/8
WTPOC350-4N-AA	3-1/2	2	3	3	3	3/4	5/8
WTPOC350-4N4-AA	3-1/2	2	4	3	4	3/4	1 1/8
WTPOC400-2N-AA	4	1	2	3 1/2	3	3/4	5/8
WTPOC400-4N-AA	4	2	3	3 1/2	3	3/4	5/8
WTPOC400-4N4-AA	4	2	4	3 1/2	4	3/4	1 1/8
WTPOC500-4N-AA	5	2	3	3 1/2	3	7/8	5/8
WTPOC500-4N4-AA	5	2	4	3 1/2	4	3/4	1 1/8
WTPOC600-4N4-AA	6	2	4	3 1/2	4	1	1 1/8
WTPOC800R-4N4-AA	8	2	4	3 1/2	4	1	1 1/8
WTPOC800-4N4-AA	8	2	4	3 1/2	4	1	1 1/8

DOSSERT® TYPE WWSC-AA

WWSC-AA is a variable angle terminal for aluminum pipe conductor. The angle is limited based on conductor diameter.

Material

Aluminum Alloy

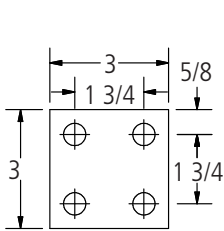
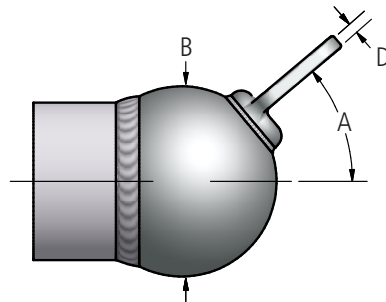
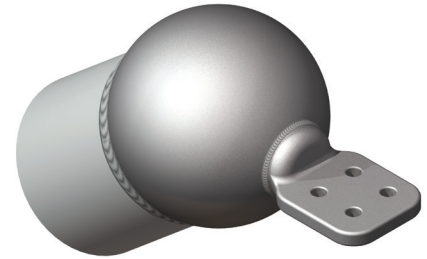


FIG. 1

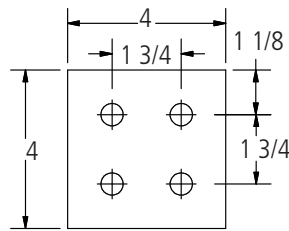


FIG. 2

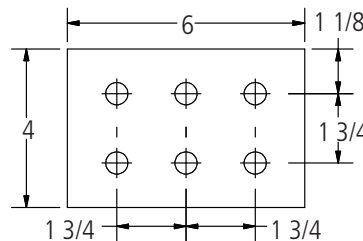


FIG. 3

Ordering Information

CATALOG NUMBER	FIG. NO.	CATALOG NUMBER	FIG. NO.	CATALOG NUMBER	FIG. NO.	SPS	DIMENSIONS IN INCHES			MAX KV
							A° (MAX)	B	D	
WWSC500-4N-AA	1	WWSC500-4N4-AA	2	WWSC500-6N4-AA	3	1 1/2	130	5	5/16	230
WWSC500-4N-AA	1	WWSC500-4N4-AA	2	WWSC500-6N4-AA	3	2	125	5	5/16	230
WWSC500-4N-AA	1	WWSC500-4N4-AA	2	WWSC500-6N4-AA	3	2 1/2	120	5	5/16	230
WWSC500-4N-AA	1	WWSC500-4N4-AA	2	WWSC500-6N4-AA	3	3	110	5	5/16	230
WWSC500-4N-AA	1	WWSC500-4N4-AA	2	WWSC500-6N4-AA	3	3 1/2	100	5	5/16	230
WWSC500-4N-AA	1	WWSC500-4N4-AA	2	WWSC500-6N4-AA	3	4	90	5	5/16	230
WWSC800-4N-AA	1	WWSC800-4N4-AA	2	WWSC800-6N4-AA	3	3	120	8	7/16	345
WWSC800-4N-AA	1	WWSC800-4N4-AA	2	WWSC800-6N4-AA	3	3 1/2	120	8	7/16	345
WWSC800-4N-AA	1	WWSC800-4N4-AA	2	WWSC800-6N4-AA	3	4	110	8	7/16	345
WWSC800-4N-AA	1	WWSC800-4N4-AA	2	WWSC800-6N4-AA	3	5	110	8	7/16	345
WWSC800-4N-AA	1	WWSC800-4N4-AA	2	WWSC800-6N4-AA	3	6	100	8	7/16	345
WWSC800-4N-AA	1	WWSC800-4N4-AA	2	WWSC800-6N4-AA	3	8 OD	65	8	7/16	345
WWSC1200-4N-AA	1	WWSC1200-4N4-AA	2	WWSC1200-6N4-AA	3	4	140	12	3/8	500
WWSC1200-4N-AA	1	WWSC1200-4N4-AA	2	WWSC1200-6N4-AA	3	5	135	12	3/8	500
WWSC1200-4N-AA	1	WWSC1200-4N4-AA	2	WWSC1200-6N4-AA	3	6	130	12	3/8	500
WWSC1200-4N-AA	1	WWSC1200-4N4-AA	2	WWSC1200-6N4-AA	3	8 OD	120	12	3/8	500

DOSSERT®

TYPE WXL-90V-AA

Expansion Terminal Connector

Material

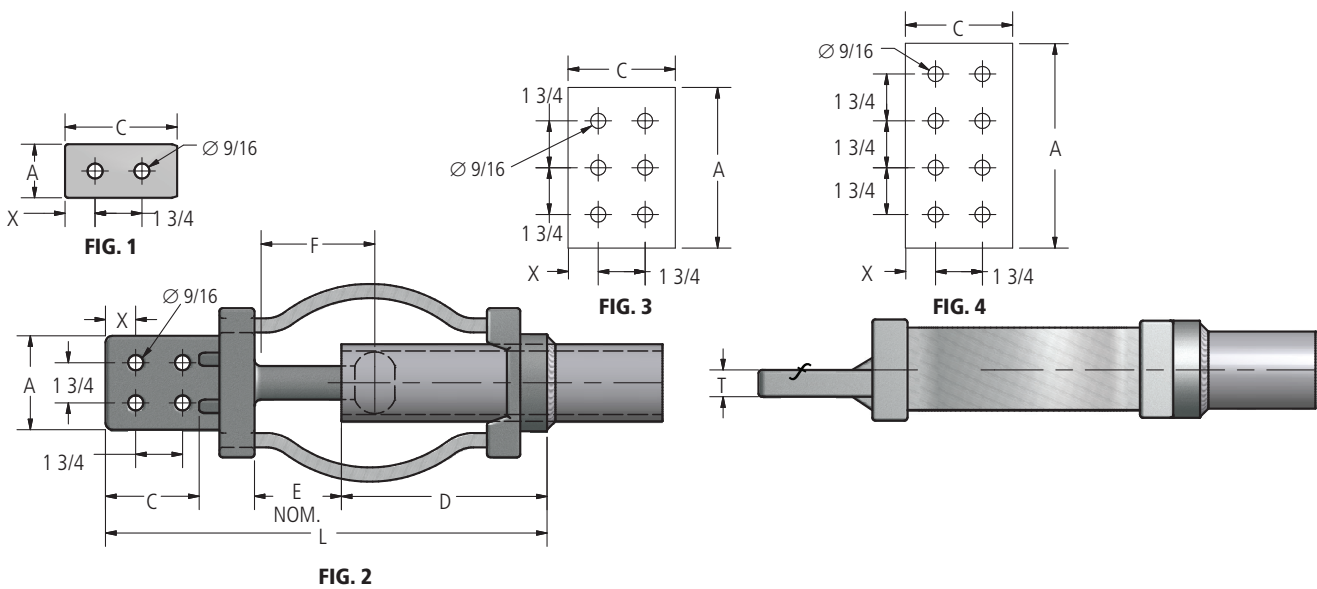
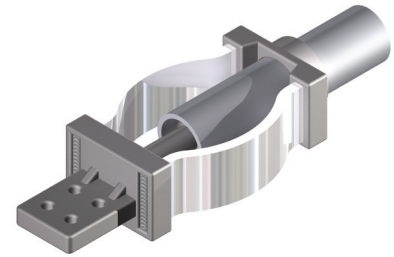
Aluminum Alloy

Laminates

Pure Aluminum

Notes

- If alignment guide is not needed add "P" to the catalog number. EX: WXL200P-4N4-90V-AA



Ordering Information

CATALOG NUMBER		SPS	FIG. NO.	DIMENSIONS IN INCHES							
SCH 40	SCH 80			A	C	D	E	F	L	T	X
WXL100-2N-90V-AA	WXL100E-2N-90V-AA	1	1	1-1/2	3	5-1/8	1-1/2	3-1/4	10-5/8	1/2	5/8
WXL100-4N-90V-AA	WXL100E-4N-90V-AA	1	2	3	3	5-1/8	1-1/2	3-1/4	10-5/8	1/2	5/8
WXL100-4N4-90V-AA	WXL100E-4N4-90V-AA	1	2	4	4	5-1/8	1-1/2	3-1/4	12-1/8	1/2	1-1/8
WXL125-2N-90V-AA	WXL125E-2N-90V-AA	1 1/4	1	2 1/4	3	6	1-1/2	3-1/2	11-1/2	1/2	5/8
WXL125-4N-90V-AA	WXL125E-4N-90V-AA	1 1/4	2	3	3	6	1-1/2	3-1/2	11-1/2	1/2	5/8
WXL150-2N-90V-AA	WXL150E-2N-90V-AA	1-1/2	1	2-1/2	3	7-1/8	1-1/2	3-1/2	12-3/4	5/8	5/8
WXL150-4N-90V-AA	WXL150E-4N-90V-AA	1-1/2	2	3	3	7-1/8	1-1/2	3-1/2	12-3/4	5/8	5/8
WXL200-2N-90V-AA	WXL200E-2N-90V-AA	2	1	3	3	7-3/16	2-1/2	4-1/2	14-3/8	3/4	5/8
WXL200-4N-90V-AA	WXL200E-4N-90V-AA	2	2	3	3	7-3/16	2-1/2	4-1/2	14-3/8	3/4	5/8
WXL200-4N4-90V-AA	WXL200E-4N4-90V-AA	2	2	4	4	7-3/16	2-1/2	4-1/2	15-3/8	3/4	1-1/8
WXL250-2N-90V-AA	WXL250E-2N-90V-AA	2-1/2	1	3	3	7-11/16	2-1/2	4-1/2	14-7/8	3/4	5/8
WXL250-4N-90V-AA	WXL250E-4N-90V-AA	2-1/2	2	3	3	7-11/16	2-1/2	4-1/2	14-7/8	3/4	5/8
WXL250-4N4-90V-AA	WXL250E-4N4-90V-AA	2-1/2	2	4	4	7-11/16	2-1/2	4-1/2	15-7/8	3/4	1-1/8
WXL300-2N-90V-AA	WXL300E-2N-90V-AA	3	1	3	3	8-3/16	2-1/2	4-1/2	16	7/8	5/8
WXL300-4N-90V-AA	WXL300E-4N-90V-AA	3	2	3	3	8-3/16	2-1/2	4-1/2	16	7/8	5/8
WXL300-4N4-90V-AA	WXL300E-4N4-90V-AA	3	2	4	4	8-3/16	2-1/2	4-1/2	17	7/8	1-1/8

continued
→



230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WXL-90V-AA

Expansion Terminal Connector

Ordering Information (cont.)

CATALOG NUMBER		SPS	FIG. NO.	DIMENSIONS IN INCHES							
SCH 40	SCH 80			A	C	D	E	F	L	T	X
WXL350-2N-90V-AA	WXL350E-2N-90V-AA	3-1/2	1	3	3	9-3/4	2-1/2	4-1/2	17-5/16	7/8	5/8
WXL350-4N-90V-AA	WXL350E-4N-90V-AA	3-1/2	2	3	3	9-3/4	2-1/2	4-1/2	17-5/16	7/8	5/8
WXL350-4N4-90V-AA	WXL350E-4N4-90V-AA	3-1/2	2	4	4	9-3/4	2-1/2	4-1/2	18-5/16	7/8	1-1/8
WXL350-6N4-90V-AA	WXL350E-6N4-90V-AA	3-1/2	3	6	4	9 3/4	2 1/2	4 1/2	18 5/16	3/4	1 1/8
WXL400-2N-90V-AA	WXL400E-2N-90V-AA	4	1	3	3	10	2-1/2	4-1/2	18	1	5/8
WXL400-4N-90V-AA	WXL400E-4N-90V-AA	4	2	3	3	10	2-1/2	4-1/2	18	1	5/8
WXL400-4N4-90V-AA	WXL400E-4N4-90V-AA	4	2	4	4	10	2-1/2	4-1/2	19	1	1-1/8
WXL400-6N4-90V-AA	WXL400E-6N4-90V-AA	4	3	6	4-1/2	10	2-1/2	4-1/2	16-1/2	3/4	1-1/8
WXL500-4N-90V-AA	WXL500E-4N-90V-AA	5	2	3	3	10	2-1/2	4-1/2	18	1-1/4	5/8
WXL500-4N4-90V-AA	WXL500E-4N4-90V-AA	5	2	4	4	10	2-1/2	4-1/2	19	1-1/4	1-1/8
WXL500-6N4-90V-AA	WXL500E-6N4-90V-AA	5	3	6	4	10	2-1/2	4-1/2	19	1-1/4	1-1/8
WXL600-4N-90V-AA	WXL600E-4N-90V-AA	6	2	3	3	12	2-1/2	4-1/2	20-3/8	1-3/8	5/8
WXL600-4N4-90V-AA	WXL600E-4N4-90V-AA	6	2	4	4	12	2-1/2	4-1/2	21-3/8	1-3/8	1-1/8
WXL600-6N4-90V-AA	WXL600E-6N4-90V-AA	6	3	6	4	12	2-1/2	4-1/2	21-3/8	1	1-1/8
WXL600-8N4-90V-AA	WXL600E-8N4-90V-AA	6	4	8	4	12	2 1/2	4 1/2	21 3/8	1	1 1/8

DOSSERT® TYPE WXL-AA, WXL-E-AA Expansion Terminal Connector

Material

Aluminum Alloy

Notes

- Add "P" to suffix of WXL for no alignment guide. EX: WXL200-4N-AA
- Add "F" to suffix of pad type for contact finish on both sides of the pad. EX: WXL200-4NF-AA

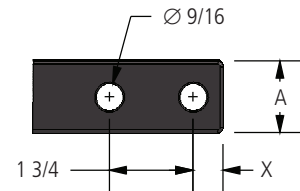
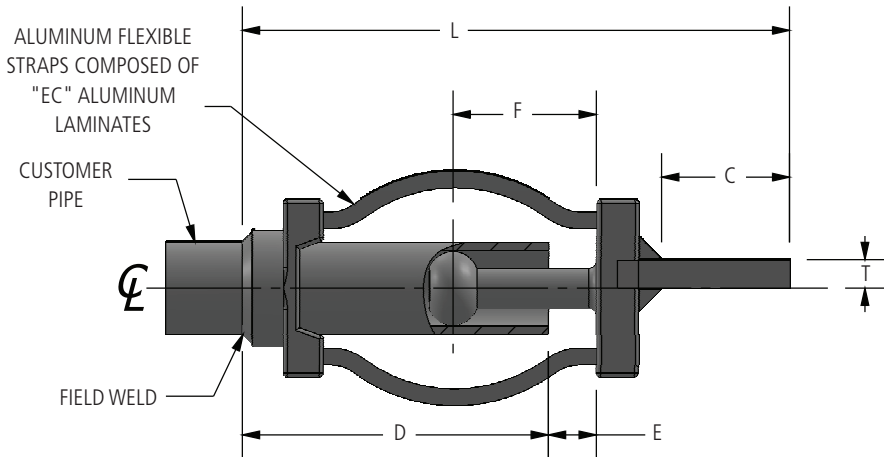
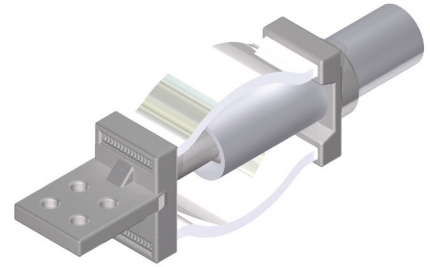


FIG. 1

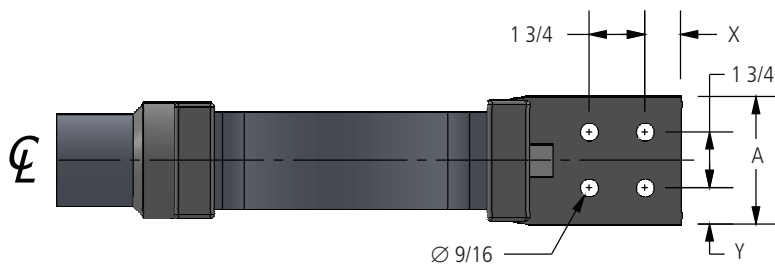


FIG. 2

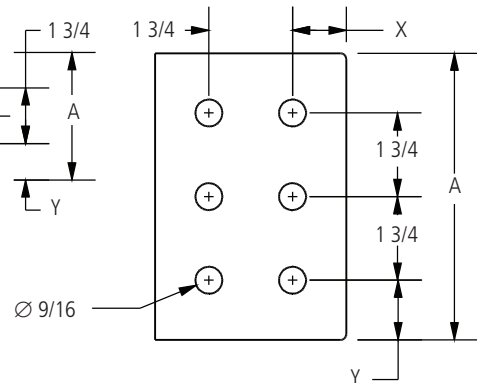


FIG. 3



230 kV Aluminum Welded Terminal Connectors

DOSSERT®

TYPE WXL-AA, WXL-E-AA
Expansion Terminal Connector

Ordering Information

CATALOG NUMBER		SPS	FIG. NO.	DIMENSIONS IN INCHES								
SCH 40	SCH 80			A	C	D	E	F	L	T	Y	X
WXL100-2N-AA	WXL100E-2N-AA	1	1	1-3/4	3	5-1/8	1-1/2	3-1/2	10-5/8	1/2	NA	5/8
WXL100-4N-AA	WXL100E-4N-AA	1	2	3	3	5-1/8	1-1/2	3-1/2	10-5/8	1/2	5/8	5/8
WXL125-2N-AA	WXL125E-2N-AA	1-1/4	1	2-1/4	3	6	1-1/2	3-1/2	11-1/2	1/2	NA	5/8
WXL125-4N-AA	WXL125E-4N-AA	1-1/4	2	3	3	6	1-1/2	3-1/2	11-1/2	1/2	5/8	5/8
WXL125-4N4-AA	WXL125E-4N4-AA	1-1/4	2	4	4	6	1-1/2	3-1/2	11-1/2	1/2	1-1/8	1-1/8
WXL150-2N-AA	WXL150E-2N-AA	1-1/2	1	2-1/2	3	7-1/8	1-1/2	3-1/2	12-3/4	5/8	5/8	5/8
WXL150-4N-AA	WXL150E-4N-AA	1-1/2	2	3	3	7-1/8	1-1/2	3-1/2	12-3/4	5/8	5/8	5/8
WXL150-4N4-AA	WXL150E-4N4-AA	1-1/2	2	3	3	7-1/8	1-1/2	3-1/2	12-3/4	5/8	5/8	5/8
WXL200-2N-AA	WXL200E-2N-AA	2	1	3	3	7-3/16	2-1/2	4-1/2	14-3/8	3/4	NA	5/8
WXL200-4N-AA	WXL200E-4N-AA	2	2	3	3	7-3/16	2-1/2	4-1/2	14-3/8	3/4	5/8	5/8
WXL200-4N4-AA	WXL200E-4N4-AA	2	2	4	4	7-3/16	2-1/2	4-1/2	14-3/8	3/4	1-1/8	1-1/8
WXL200-6N4-AA	WXL200E-6N4-AA	2	3	6	4	7-3/16	2-1/2	4-1/2	14-3/8	3/4	1-1/4	1-1/8
WXL250-2N-AA	WXL250E-2N-AA	2-1/2	1	3	3	7-11/16	2-1/2	4-1/2	14-7/8	3/4	NA	5/8
WXL250-4N-AA	WXL250E-4N-AA	2-1/2	2	3	3	7-11/16	2-1/2	4-1/2	14-7/8	3/4	5/8	5/8
WXL250-4N4-AA	WXL250E-4N4-AA	2-1/2	2	4	4	7-11/16	2-1/2	4-1/2	15-7/8	3/4	1-1/8	1-1/8
WXL300-2N-AA	WXL300E-2N-AA	3	1	3	3	8-3/16	2-1/2	4-1/2	16	7/8	NA	5/8
WXL300-4N-AA	WXL300E-4N-AA	3	2	3	3	8-3/16	2-1/2	4-1/2	16	7/8	5/8	5/8
WXL300-4N4-AA	WXL300E-4N4-AA	3	2	4	4	8-3/16	2-1/2	4-1/2	17	7/8	1-1/8	1-1/8
WXL300-6N4-AA	WXL300E-6N4-AA	3	3	6	4	8-3/16	2-1/2	4-1/2	17	7/8	1-1/8	1-1/8
WXL350-2N-AA	WXL350E-2N-AA	3-1/2	1	3	3	9-3/4	2-1/2	4-1/2	17-5/16	7/8	NA	5/8
WXL350-4N-AA	WXL350E-4N-AA	3-1/2	2	3	4-1/4	9-3/4	2-1/2	4-1/2	18-9/16	13/16	5/8	5/8
WXL350-4N4-AA	WXL350E-4N4-AA	3-1/2	2	4	4	9-3/4	2-1/2	4-1/2	18-5/16	7/8	1-1/8	1-1/8
WXL400-2N-AA	WXL400E-2N-AA	4	1	3	3	10	2-1/2	4-1/2	18	1	NA	5/8
WXL400-4N-AA	WXL400E-4N-AA	4	2	3	3	10	2-1/2	4-1/2	18	1	5/8	5/8
WXL400-4N4-AA	WXL400E-4N4-AA	4	2	4	4	10	2-1/2	4-1/2	19	1	1-1/8	1-1/8
WXL400-6N4-AA	WXL400E-6N4-AA	4	3	6	4	10	2-1/2	5-9/16	19-1/4	1	1-1/4	1-1/8
WXL500-4N-AA	WXL500E-4N-AA	5	2	3	3	10	2-1/2	4-1/2	18	1-1/4	5/8	5/8
WXL500-4N4-AA	WXL500E-4N4-AA	5	2	4	4	10	2-1/2	4-1/2	19	1-1/4	1-1/8	1-1/8
WXL500-6N4-AA	WXL500E-6N4-AA	5	3	6	4	10	2-1/2	5-5/8	19	1	1-1/4	1-1/8
WXL600-4N-AA	WXL600E-4N-AA	6	2	3	3	12	2-1/2	4-1/2	20-3/8	1-3/8	5/8	5/8
WXL600-4N4-AA	WXL600E-4N4-AA	6	2	4	4	12	2-1/2	4-1/2	21-3/8	1-3/8	1-1/8	1-1/8
WXL600-6N4-AA	WXL600E-6N4-AA	6	3	6	4	12	2-1/2	4-1/2	21-3/8	1-3/8	1-1/4	1-1/8
WXL800-4N4-AA	WXL800E-4N4-AA	8	2	4	4	15	2-1/2	4-1/2	24-3/8	1-3/8	1-1/8	1-1/8
WXL800-6N4-AA	WXL800E-6N4-AA	8	3	6	4	15	2-1/2	4-1/2	24-3/8	1-3/8	1-1/4	1-1/8

DOSSERT®

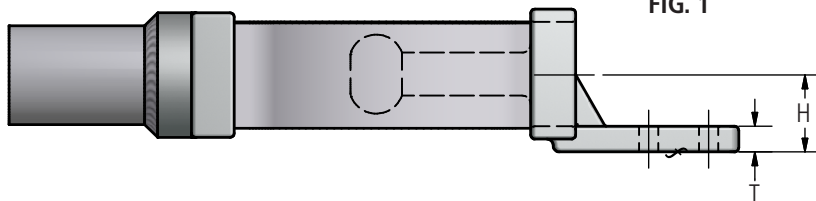
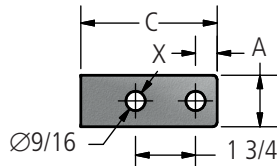
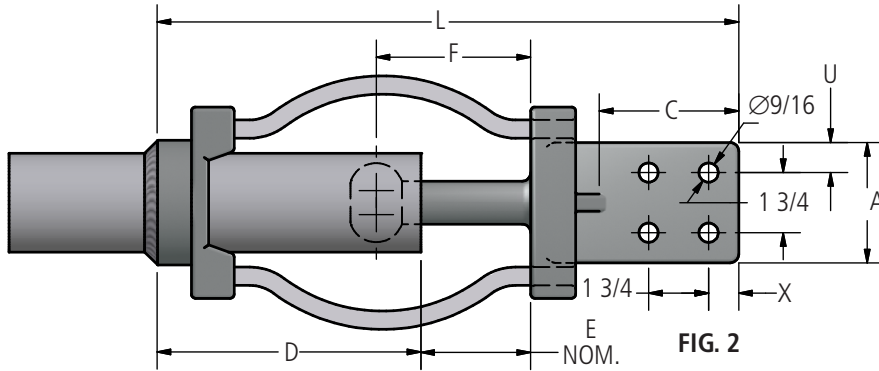
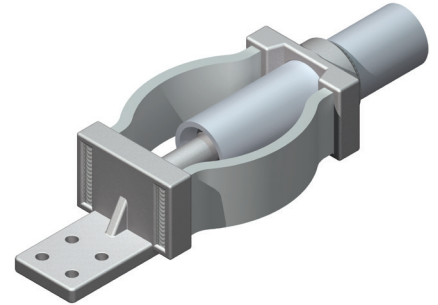
TYPE WXLO-AA, WXLO-E-AA Expansion Terminal Connector

Material

Aluminum Alloy

Note

1. Add "P" to suffix of WXLO for no alignment guide. EX: WXLOP300-4N-AA
2. Add "F" to suffix of pad type for contact finish on both sides of the pad. EX: WXLO300-4NF-AA





230 kV Aluminum Welded Terminal Connectors

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TYPE WXLO-AA, WXLO-E-AA

Ordering Information

CATALOG NUMBER		PIPE SIZE	FIG. NO.	DIMENSIONS IN INCHES									
SCH 40	SCH 80			A	C	D	E	F	H	L	T	U	X
WXLO100-2N-AA	WXLO100E-2N-AA	1	1	1 3/4	3	5 1/8	1 1/2	3 1/2	1 1/8	10 5/8	5/8	N/A	5/8
WXLO100-4N-AA	WXLO100E-4N-AA	1	2	3	3	5 1/8	1 1/2	3 1/2	1 5/16	10 5/8	1/2	5/8	5/8
WXLO125-2N-AA	WXLO125E-2N-AA	1 1/4	1	2 1/4	3	6	1 1/2	3 1/2	1 5/16	11 1/2	1/2	N/A	5/8
WXLO125-4N-AA	WXLO125E-4N-AA	1 1/4	2	3	3	6	1 1/2	3 1/2	1 5/16	11 1/2	1/2	5/8	5/8
WXLO125-4N4-AA	WXLO125E-4N4-AA	1 1/4	2	4	4	6	1 1/2	3 1/2	1 5/8	12 3/4	1/2	1 1/8	1 1/8
WXLO150-2N-AA	WXLO150E-2N-AA	1 1/2	1	2 1/2	3	7 1/8	1 1/2	3 1/2	1 5/8	12 3/4	5/8	N/A	5/8
WXLO150-4N-AA	WXLO150E-4N-AA	1 1/2	2	3	3	7 1/8	1 1/2	3 1/2	1 5/8	12 3/4	5/8	5/8	5/8
WXLO200-2N-AA	WXLO200E-2N-AA	2	1	2	3	7 3/16	2 1/2	4 1/2	2	14 3/8	3/4	N/A	5/8
WXLO200-4N-AA	WXLO200E-4N-AA	2	2	3	3	7 3/16	2 1/2	4 1/2	2	14 3/8	3/4	3/4	7/8
WXLO200-4N4-AA	WXLO200E-4N4-AA	2	2	4	4	7 3/16	2 1/2	4 1/2	2	15 3/8	3/4	1 1/8	1 1/8
WXLO250-4N-AA	WXLO250E-4N-AA	2 1/2	2	3	3	7 11/16	2 1/2	4 1/2	2 1/4	14 7/8	3/4	1 1/4	1 1/4
WXLO250-4N4-AA	WXLO250E-4N4-AA	2 1/2	2	4	4	7 11/16	2 1/2	4 1/2	2 1/4	15 7/8	3/4	1 1/8	1 1/8
WXLO300-4N-AA	WXLO300E-4N-AA	3	2	3	3	8 3/16	2 1/2	4 1/2	2 5/8	16	7/8	5/8	5/8
WXLO300-4N4-AA	WXLO300E-4N4-AA	3	2	4	4	8 3/16	2 1/2	4 1/2	2 5/8	17	7/8	1 1/8	1 1/8
WXLO350-4N-AA	WXLO350E-4N-AA	3 1/2	2	3	3	9 3/4	2 1/2	4 1/2	2 15/16	17 5/16	7/8	5/8	5/8
WXLO350-4N4-AA	WXLO350E-4N4-AA	3 1/2	2	4	4	9 3/4	2 1/2	4 1/2	2 15/16	18 5/16	7/8	1 1/8	1 1/8
WXLO400-4N-AA	WXLO400E-4N-AA	4	2	3	3	10	2 1/2	4 1/2	3 1/4	18	1	5/8	5/8
WXLO400-4N4-AA	WXLO400E-4N4-AA	4	2	4	4	10	2 1/2	4 1/2	3 1/4	19	1	1 1/8	1 1/8
WXLO500-4N-AA	WXLO500E-4N-AA	5	2	3	3	10	2 1/2	4 1/2	3 1/2	18	1 1/4	5/8	5/8
WXLO500-4N4-AA	WXLO500E-4N4-AA	5	2	4	4	10	2 1/2	4 1/2	3 1/2	19	1 1/4	1 1/8	1 1/8
WXLO600-4N-AA	WXLO600E-4N-AA	6	2	3	3	12	2 1/2	4 1/2	4 1/4	20 3/8	1 3/8	5/8	5/8
WXLO600-4N4-AA	WXLO600E-4N4-AA	6	2	4	4	12	2 1/2	4 1/2	4 1/4	21 3/8	1 3/8	1 1/8	1 1/8

230 kV Aluminum Welded



230 kV Aluminum Welded Connectors

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230 kV Al. Welded Connectors