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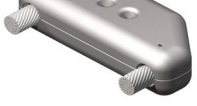
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## DOSSERT® TYPE B6998 Series

**Bolted Support, Slip or Fixed Fit**  
**Recommended for Voltages Up to 765 kV**

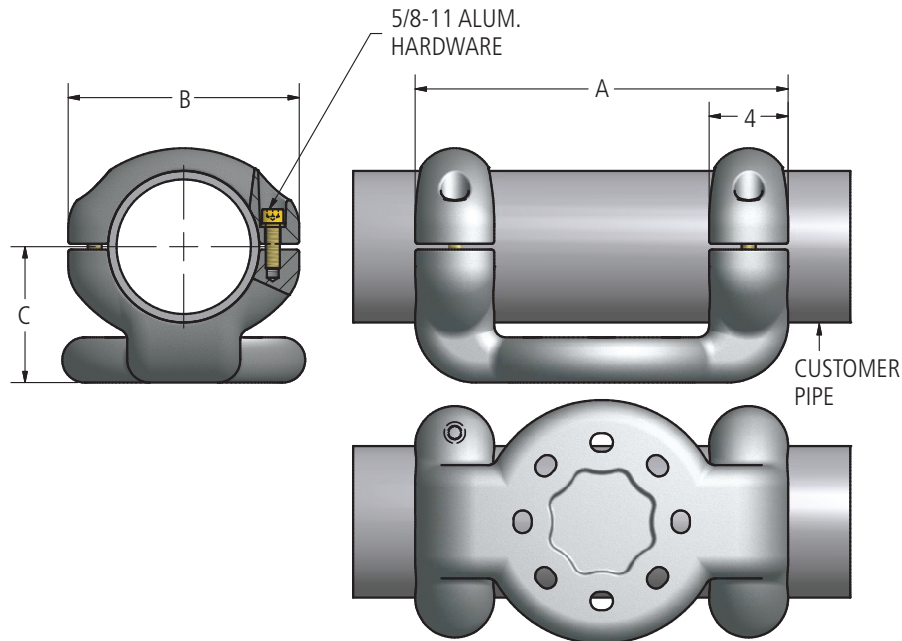
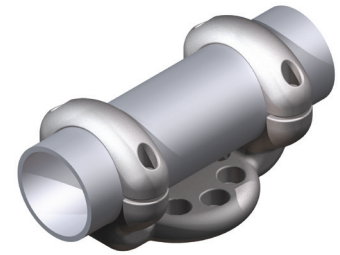
Support is designed to be corona free for 765 kV operation. Support can be supplied for fixed fit or slip fit applications. For slip fit application, stainless steel chatter springs are supplied. Aluminum mounting hardware is supplied as standard; galvanized steel can be furnished on request.

### Material

Aluminum Alloy

### Hardware

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



### Ordering Information

CATALOG NUMBERS	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS	SLIP OR FIXED	BOLT CIRCLE	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
				A	B	C	
B6998-A	6"	Fixed	7"	16.28	10.55	5.50	27.0
B6998-B	6"	Slip	7"	16.28	10.55	5.50	27.6
B6998-C	5"	Fixed	7"	16.50	9.62	5.00	25.0
B6998-D	5"	Slip	7"	16.50	9.62	5.00	25.6
B6998-E	8" O.D.	Fixed	7"	16.50	12.06	5.75	30.0
B6998-F	8" O.D.	Slip	7"	16.50	12.06	5.75	30.6
B6998-G	6"	Fixed	5"	14.50	10.55	5.50	26.5
B6998-H	6"	Slip	5"	14.50	10.55	5.50	27.7
B6998-K	6"	Fixed	3"	12.25	10.55	5.50	24.3

## DOSSERT<sup>®</sup> TYPE B7107 Series

### Welded Support, Expansion Type Recommended for Voltages Up to 765 kV

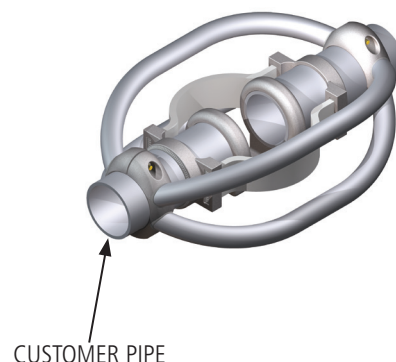
Expansion support is designed to be corona free for 765 KV operation. Expansion support is designed for maximum bus run of 150 feet (46 m) operating between a minimum temperature of -20°F (-28.9°C) and a maximum temperature of 200°F (93.3°C). Assembly consists of support, expansion straps, corona rings and hardware. Stainless steel chatter springs are supplied with corona ring and support assembly. Aluminum mounting hardware is supplied as standard, galvanized steel can be furnished on request. Weldment end plugs can be furnished if required.

#### Material

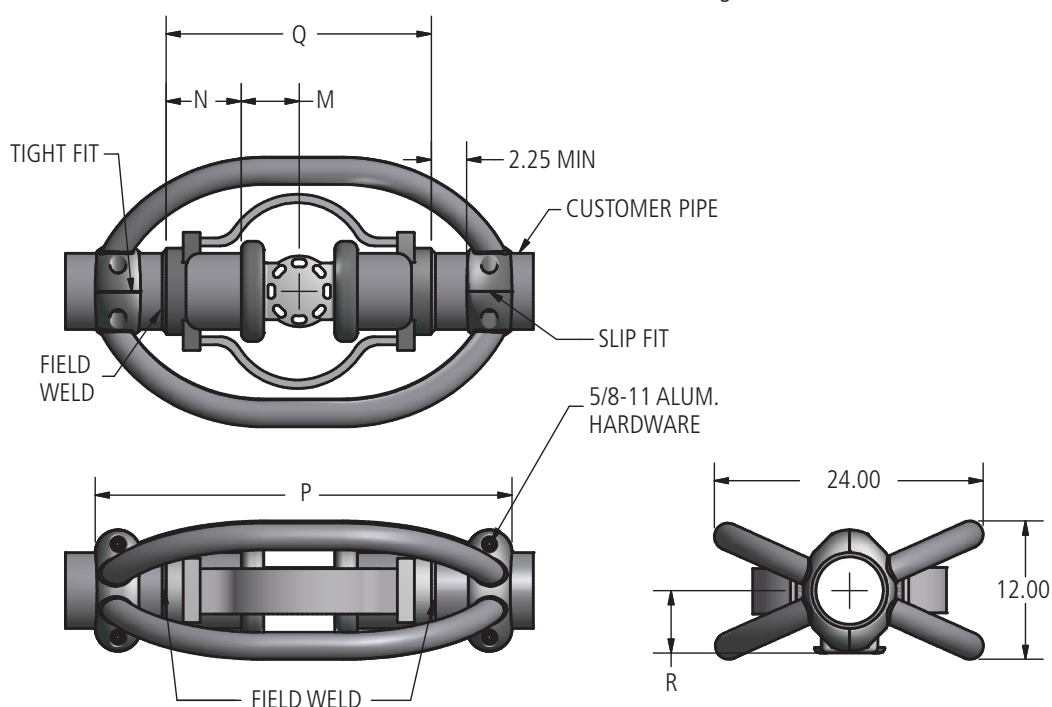
Aluminum Alloy

#### Hardware

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



CUSTOMER PIPE



### Ordering Information

CATALOG NUMBERS	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS	BOLT CIRCLE	DIMENSIONS IN INCHES					NOMINAL WEIGHT LBS
			M	N	P	Q	R	
B7107-A	6"	7"	5.25	4.81	36.75	23.38	5.50	66.6
B7107-B	6"	5"	4.12	5.94	36.75	23.38	5.50	64.3
B7107-C	5"	7"	6.38	4.00	37.34	20.75	5.00	45.4

## DOSSERT® TYPE B7582-A Series

### Tee Connector, Bolted, Welded Expansion Type Recommended for Voltages Up to 765 kV

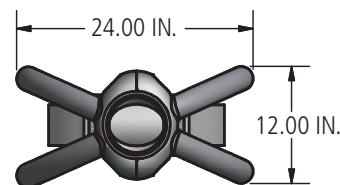
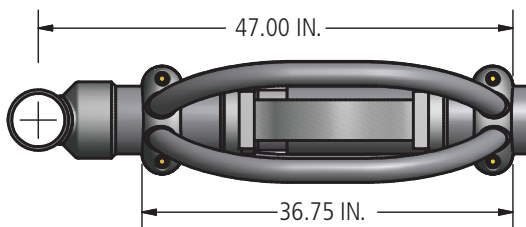
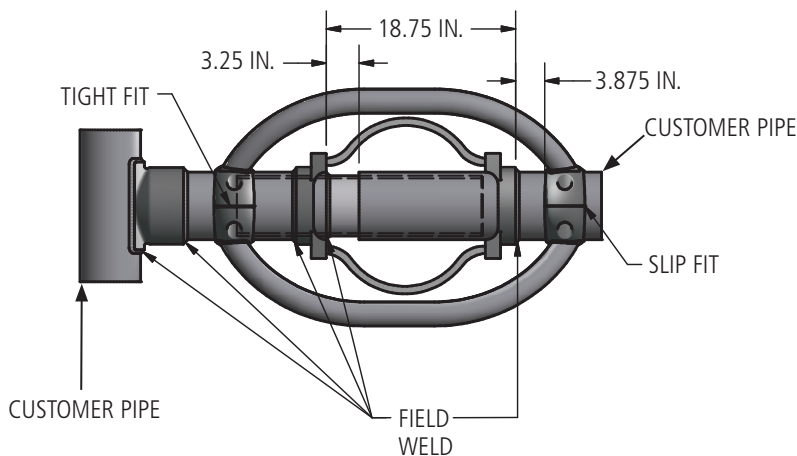
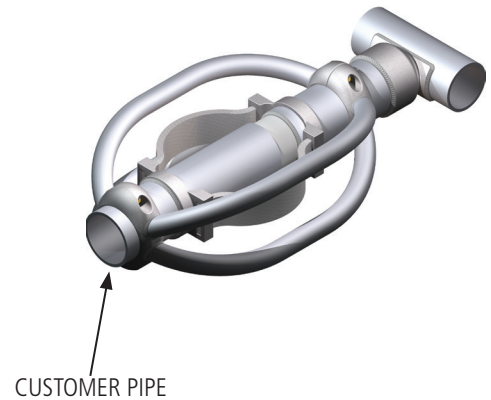
Expansion tee is designed to be corona free for 765 kV operation. Expansion tee is designed for maximum bus run of 150 feet (46M) operating between a minimum temperature of -20°F (-28.9°C) and maximum temperature of 200°F (93.3°C). Assembly consists of weld tee, guide insert, expansion straps, corona rings and hardware. Stainless steel chatter springs are supplied with corona ring assembly.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBERS	CONDUCTOR SIZE TUBULAR BUS		NOMINAL WEIGHT LBS
	RUN	TAP	
B7582-A	5"	6"	74.9
	6"	6"	74.9

## DOSSERT® TYPE C7009 Series

### Bi-Spacer Support for Strained Conductor Recommended for Voltages Up to 765 kV

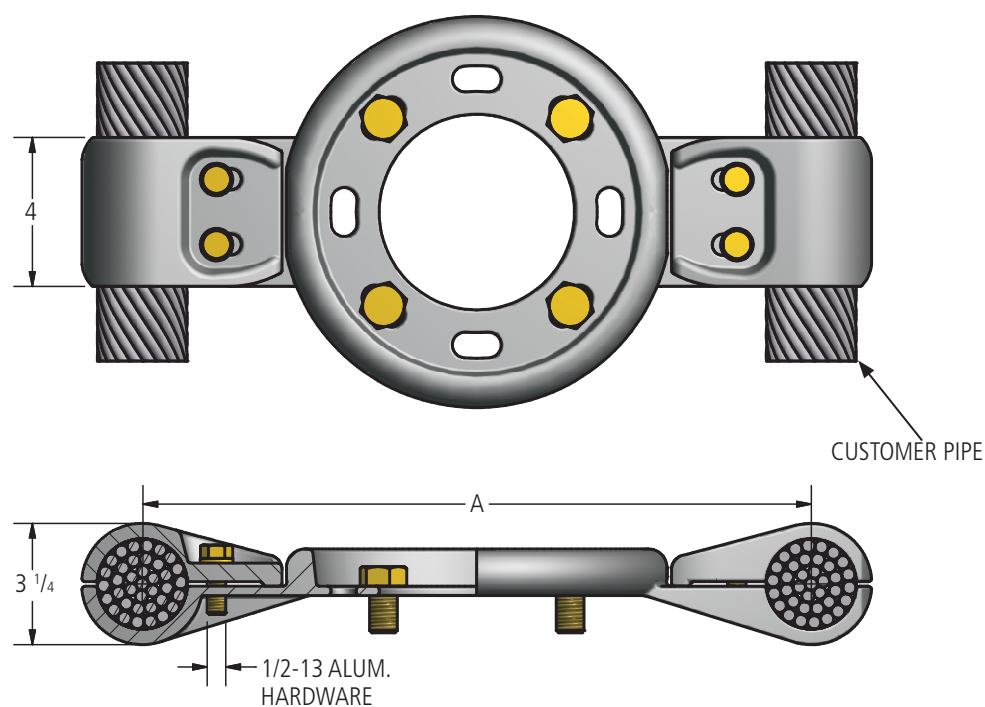
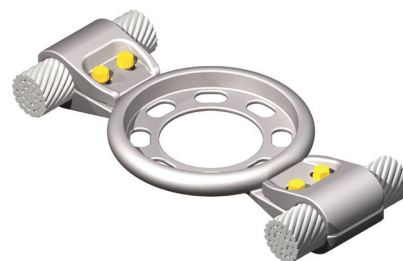
Support is designed to be corona free for 765 KV operation. Aluminum insulator mounting hardware is supplied as standard; galvanized steel hardware can be furnished on request.

#### Material

Aluminum Alloy

#### Hardware

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



### Ordering Information

CATALOG NUMBERS	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	CONDUCTOR SIZE	BOLT CIRCLE	A	
	O.D.			
C7009-A	2.4	7"	18.00	11.4
C7009-B	2.311	7"	17.75	11.4
C7009-C	2.4	5"	18.00	11.4

## DOSSERT® TYPE B7070 Series

**Coupler, Bolted, For Tubular Bus Conductor  
Recommended for Voltages Up to 765 kV**

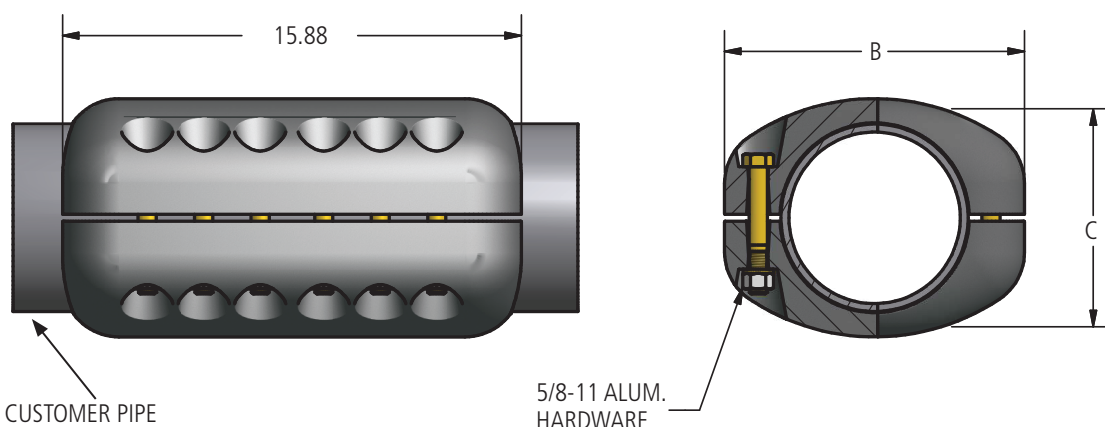
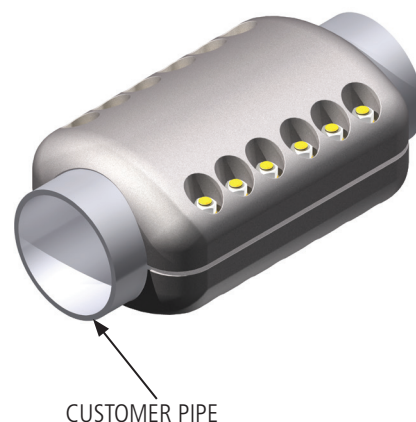
Bolted coupler is designed to be corona free for 765kV operation. Bolt heads are captive for one wrench installation. Contact surfaces are protected with oxide inhibitor.

### Material

Aluminum Alloy

### Hardware

Yellow anodized aluminum bolts, nuts, washers, and lockwashers.



## Ordering Information

CATALOG NUMBERS	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS	DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
		B	C	
B7070-A	6	10.38	8.08	40.6
B7070-B	5	9.56	7.06	36.8

## DOSSERT®

### TYPE WWC-AA, WWC-E-AA

#### Aluminum Welded Coupler Rated for 765 kV

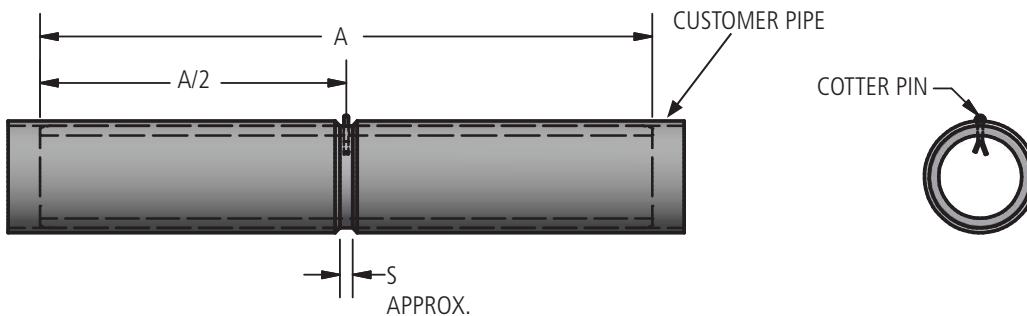
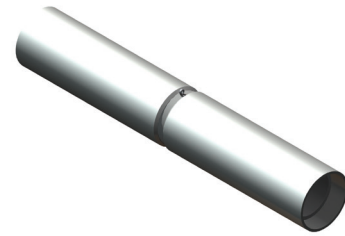
Coupler is designed to make connections with high mechanical strength and high electrical conductivity.

#### Material

Aluminum tubing

#### Hardware

Aluminum cotter pin



### Ordering Information

CATALOG NUMBER		SPS / EPHS	DIMENSIONS (INCHES)	
SCHEDULE 40	SCHEDULE 80		A	S
WWC600-AA	WWC600E-AA	6	24	5/8

## DOSSERT® TYPE 34433, CXBV600 Series

**End Plug For Round Tubular Bus**  
**Recommended for Voltages Up to 765 kV**

Corona bell is designed to be corona free for 765 kV service.

### Material

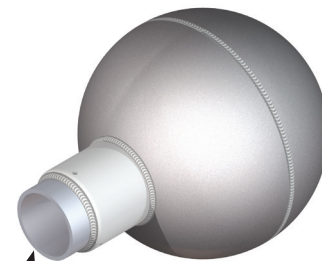
Aluminum Alloy

### Hardware

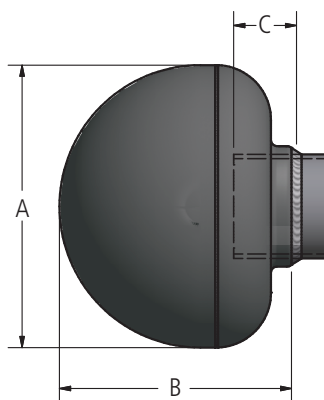
Stainless steel socket set screws (for Bolted style only)



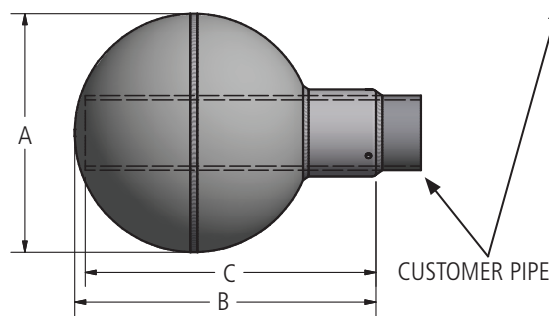
34433-EHV



CXBV600-21-EHV-AA



WELDED 34433 EHV



BOLTED CXBV600-21-EHV-AA

## Ordering Information

CATALOG NUMBERS	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
		A	B	C	
34433EHV	6	17.00	13.25	3.88	18.8
CXBV600-21-EHV-AA	6	21.00	22.12	20.90	30.7



## DOSSERT® TYPE BAC-EHV-AA

### Recommended for Voltages Up to 765 kV

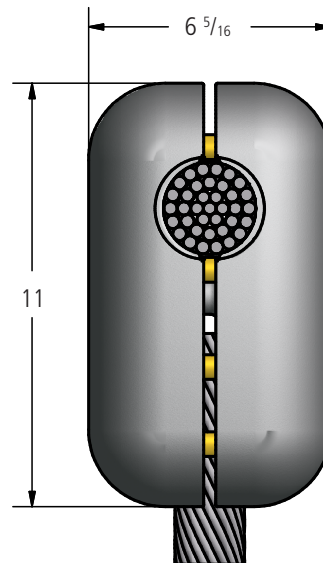
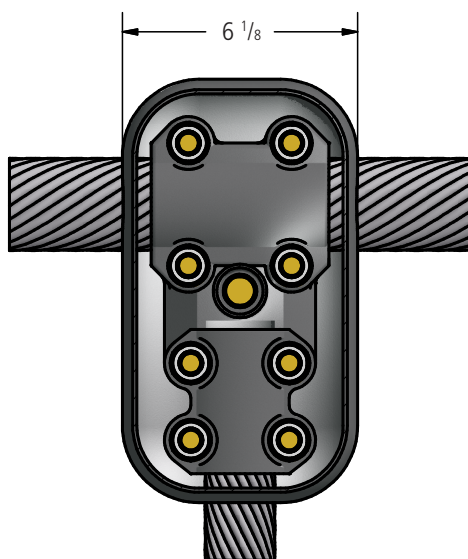
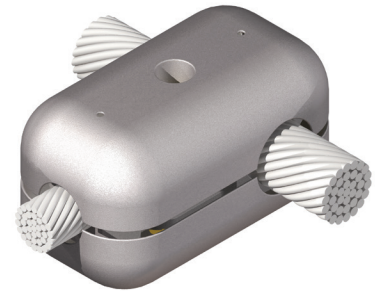
Bolted tee connector is designed to be corona free for 765 kV operation.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



### Ordering Information

CATALOG NUMBER	CABLE SIZE	
	RUN	TAP
BAC240R-135A-EHV-AA	2.40 DIA. ALUM.	1351, 5 (45/7) ACSR.
BAC240R-240R-EHV-AA	2.40 DIA. ALUM.	2.40 DIA. ALUM.
BAC240R-250-EHV-AA	2.4 DIA. ALUM.	2500 MCM AL 2156 ACSR
BAC250-250-EHV-AA	2500 MCM AL. 2156 ACSR	2500 MCM AL 2156 ACSR

## DOSSERT® TYPE BCW-EHV-AA

### Tee Connector

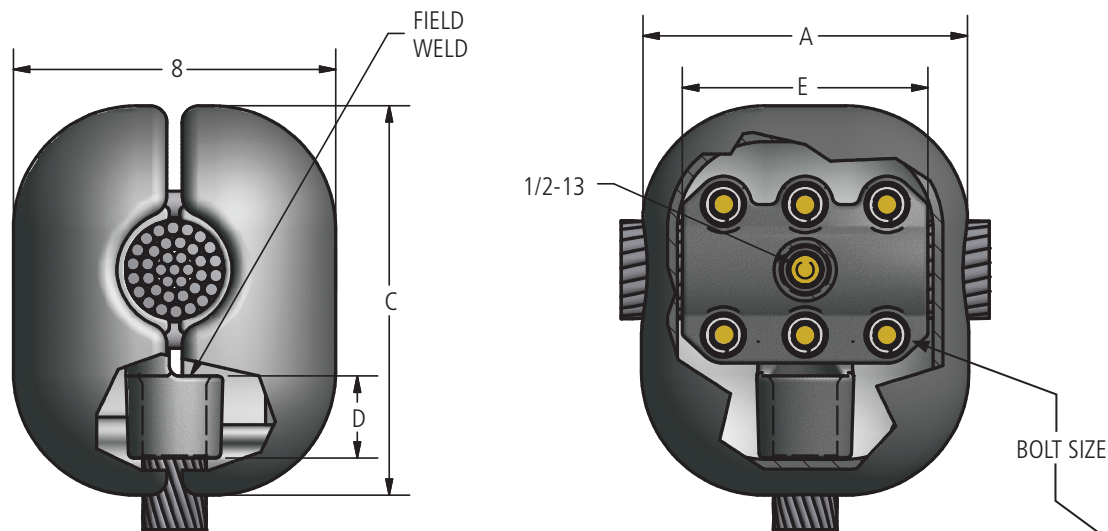
Bolted tee connector is designed to be corona free for 765 kV operation.

### Material

Aluminum alloy

### Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.



### Ordering Information

CATALOG NUMBER	CABLE SIZE		DIMENSIONS IN INCHES				BOLT SIZE
	RUN	TAP	A	C	D	E	
BCW95A-240R-EHV-AA	715.5(26/7) - 954(54/7) MCM	2.4 OD	8	9 1/8	2 3/4	5 1/2	1/2
BCW135A-240R-EHV-AA	1192.5(54/19) - 1351.5(45/7) MCM	2.4 OD	8	9 1/2	2 3/4	5 1/2	1/2
BCW240R-95A-EHV-AA	2.4 OD	715.5(26/7) - 954(54/7) MCM	8	9 1/2	1 3/4	6	5/8
BCW240R-135A-EHV-AA	2.4 OD	1192.5(54/19) - 1351.5(45/7) MCM	8	9 1/2	2	6	5/8
BCW240R-240R-EHV-AA	2.4 OD	2.4 OD	12	10	2 3/4	10	5/8

## DOSSERT® TYPE B7568-A Series

**Tee Connector, Bolted, For Tubular Bus Conductor**  
**Recommended for Voltages up to 765 kV**

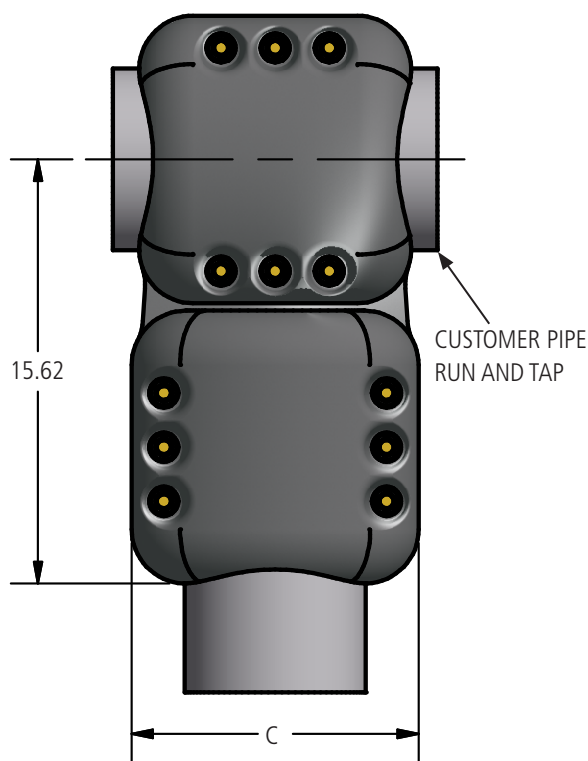
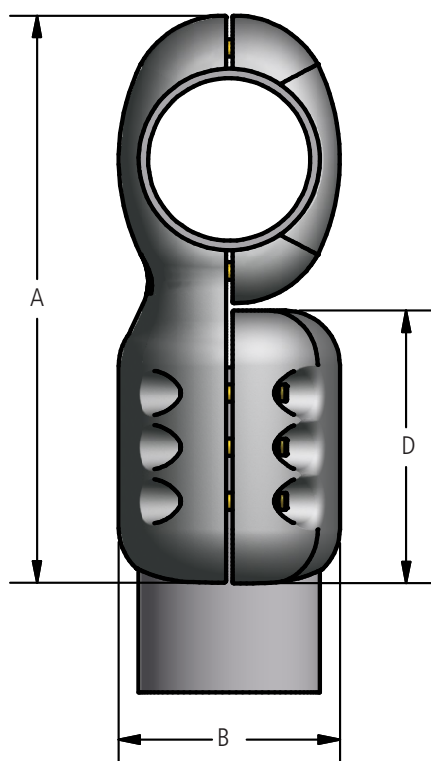
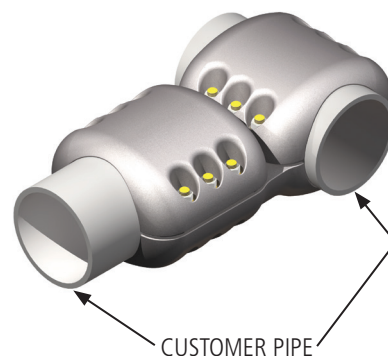
Bolted tee connector is designed to be corona free for 765 kV operation. Bolt heads are captive for one wrench installation. Contact surfaces are protected with oxide inhibitor.

### Material

Aluminum Alloy

### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS		DIMENSIONS IN INCHES				NOMINAL WEIGHT LBS
	RUN	TAP	A	B	C	D	
B7568-A	6"	6"	20.95	8.18	10.66	10.07	44.0

## DOSSERT® TYPE B7071 Series

### Welded Tee Adapter, NPS to Two Conductors Recommended for Voltages up to 765 kV

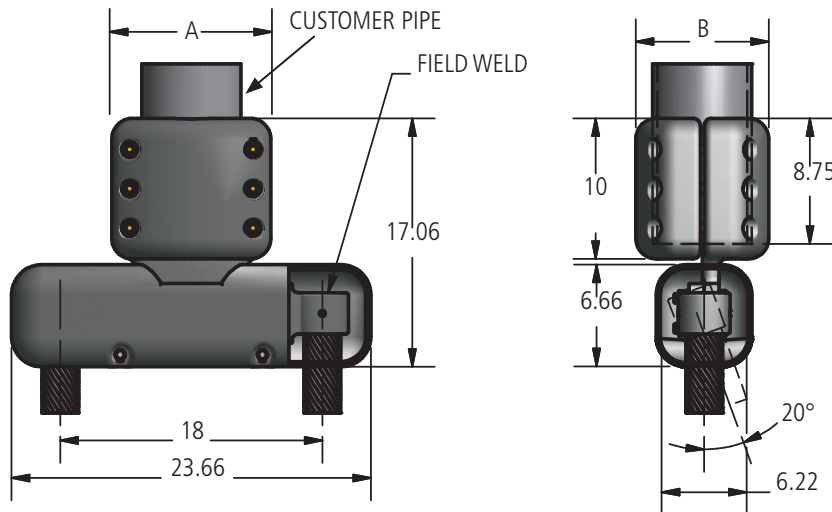
Bolted adapter is designed to be corona free for 765 KV operation. Assembly consists of bolted end connector, two terminals, corona shields and hardware. Bolt heads are captive for one wrench installation.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lock washers



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE TUBULAR BUS		TERMINAL ANGLE	DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
	SPS	STRAIN BUS		A	B	
B7071-A	6"	2.4	STR.	10.62	8.12	51.1
B7071-B	6"	2.4	20°	10.62	8.12	50.9
B7071-C	5"	2.4	STR.	9.56	7.06	49.4
B7071-D	5"	2.4	20°	9.56	7.06	49.2

## DOSSERT® TYPE B7072 Series

### Welded Tee Adapter, NPS to Two Conductors Recommended for Voltages up to 765 kV

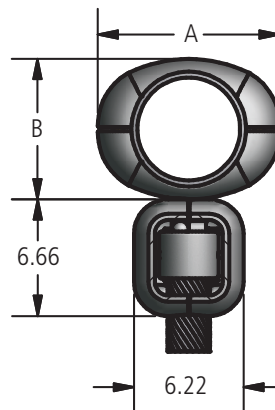
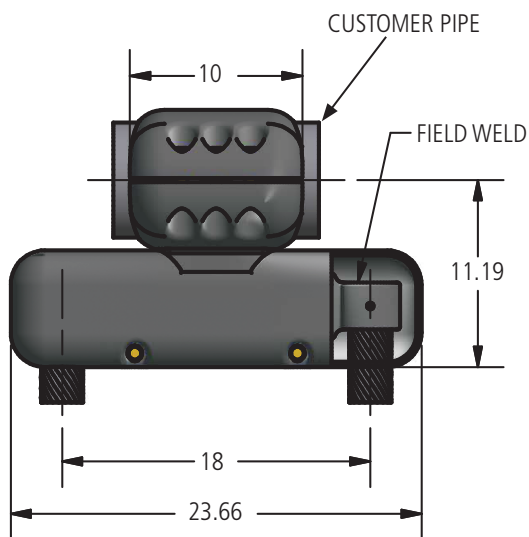
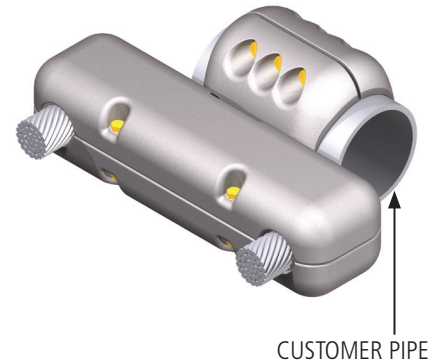
Bolted adapter is designed to be corona free for 765 KV operation. Assembly consists of bolted end connector, two terminals, corona shields and hardware. Bolt heads are captive for one wrench installation.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE TUBULAR BUS		DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
	SPS & EHPS	STRAIN BUS	A	B	
B7072-A	6"	2.4	10.66	8.12	47.1
B7072-B	5"	2.4	9.50	7.06	44.4

## DOSSERT® TYPE B7095 Series

### Tee Adapter – 45°, Bolted, NPS to Two Conductor Bundle Recommended for Voltages up to 765 kV

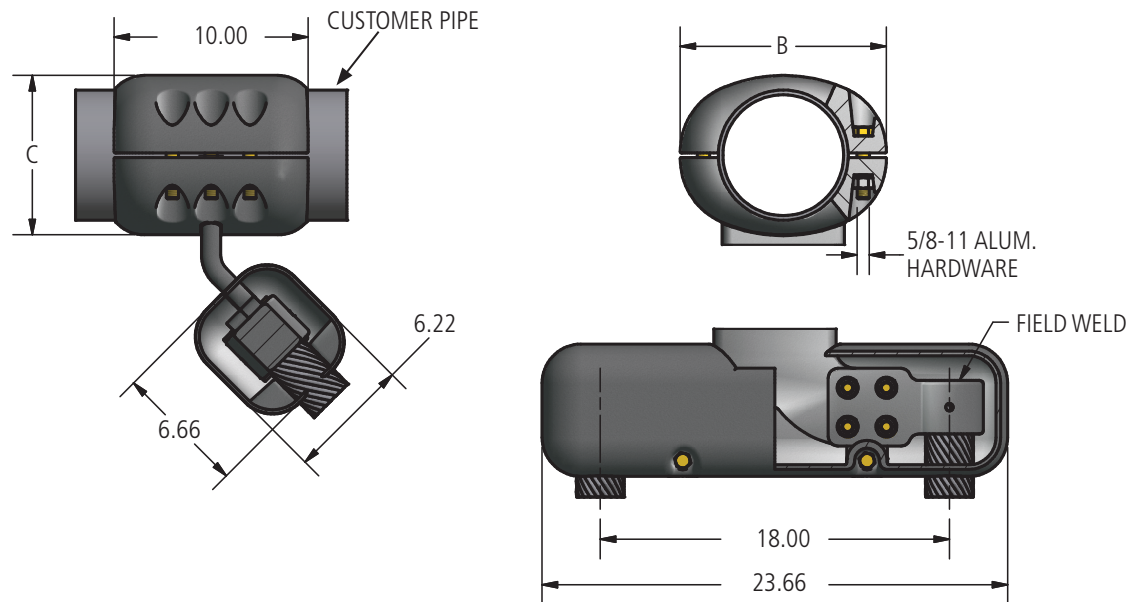
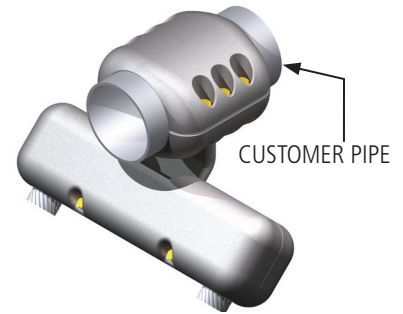
Bolted 45° tee adapter is designed to be corona free for 765 kV operation. Assembly consists of bolted 45° tee connector, two terminals, corona shields and hardware. Bolt heads are captive for one wrench installation. Contact surfaces are protected with oxide inhibitor.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE		DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
	TUBULAR BUS SPS & EHPS	STRAIN BUS	B	C	
B7095-A	6"	2.4	10.66	8.12	46.8
B7095-B	5"	2.4	9.50	7.06	44.1

## DOSSERT® TYPE B7006 Series

### Tee Adapter, Welded, NPS to Conductor Bundle Recommended for Voltages up to 765 kV

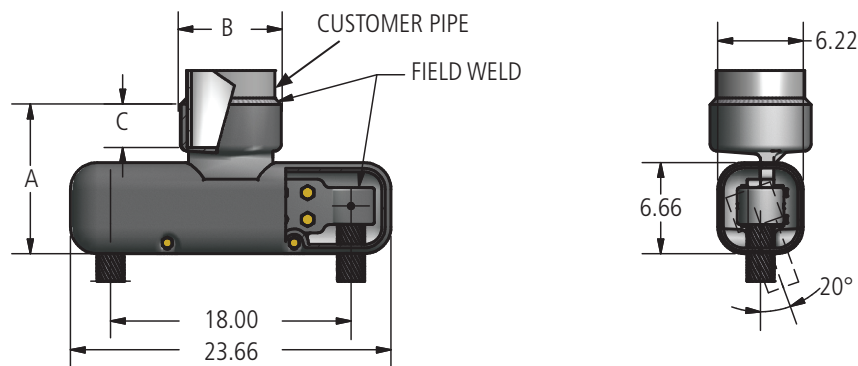
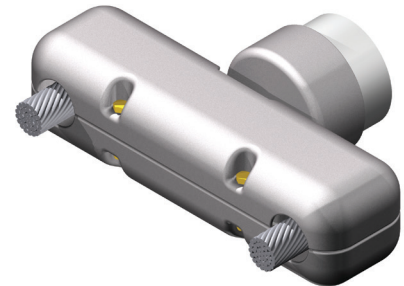
Welded end adapter is designed to be corona free for 765 kV operation. Assembly consists of welded end connector, two or three terminals, corona shields and hardware.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE			TERMINAL ANGLE	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	TUBULAR BUS SPS & EHPS	STRAIN			A	B	C	
		MIN	MAX					
B7006-A	6	2.4		STR.	11.19	7.56	3.25	32.8
B7006-B	6	2.4		20°	11.19	7.56	3.25	32.6
B7006-C	5	2.4		STR.	10.69	6.38	2.75	30.6
B7006-D	5	2.4		20	10.69	6.38	2.75	30.4
B7006-E	6	1.361	1.423	STR.	11.19	7.56	3.25	32.8
B7006-F	6	1.361	1.423	20°	11.19	7.56	3.25	32.6



## DOSSERT® TYPE B7875 Series

### Tee Adapter, Welded, NPS to Conductor Bundle Recommended for Voltages up to 765 kV

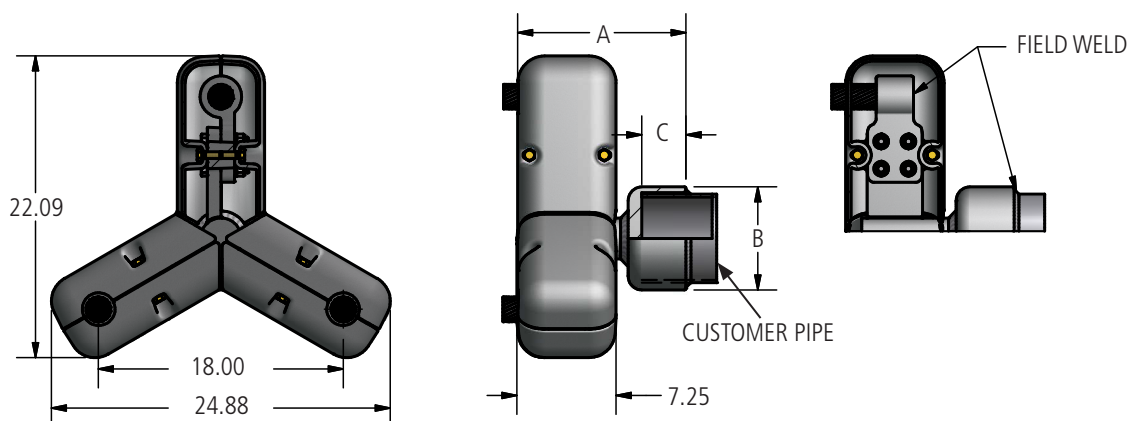
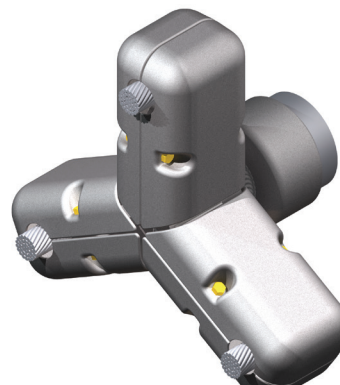
Welded end adapter is designed to be corona free for 765 kV operation. Assembly consists of welded end connector, two or three terminals, corona shields and hardware.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE		DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	TUBULAR BUS SPS & EHPS	STRAIN BUS DIAMETER	A	B	C	
B7875-A	6"	1.981 - 2.042	12.38	7.56	3.25	52.5

## DOSSERT® TYPE B7096-A Series

### Adapter, Welded, NPS to Three Conductor Bundle Recommended for Voltages up to 765 kV

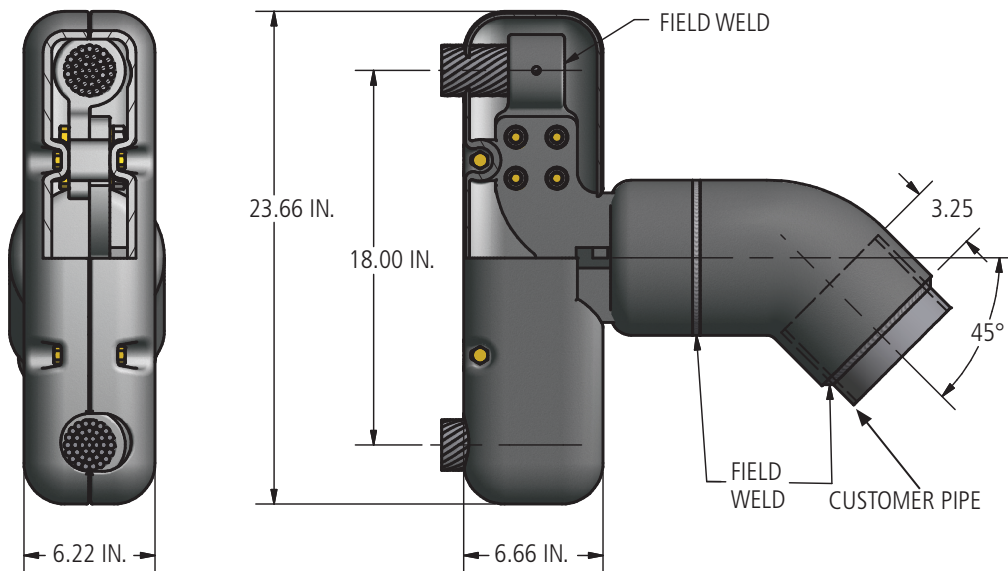
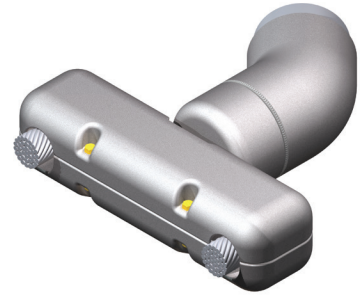
Welded 45° end adapter is designed to be corona free for 765 kV operation. Assembly consists of 45° elbow, end connector, two terminals, corona shields and hardware. Connector angle may be rotated to permit 45° take-off for horizontal or vertical planes.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE		NOMINAL WEIGHT LBS
	TUBULAR BUS SPS & EHPS	STRAIN BUS	
B7096-A	6"	2.4	46.2

## DOSSERT® TYPE B7566, B7565 Series

### Tee Adapter, Welded, NPS to Two Conductors Recommended for Voltages up to 765 kV

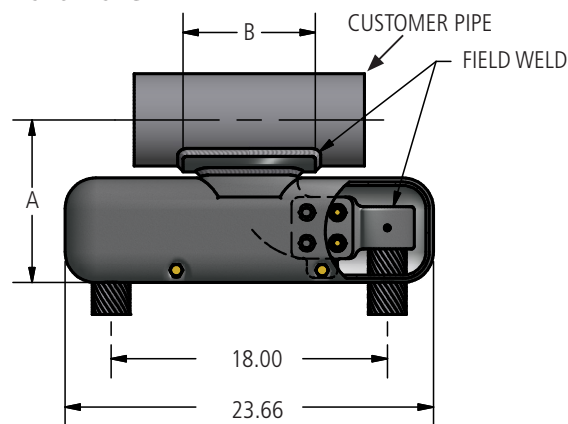
Welded tee adapter is designed to be corona free for 765 kV operation. Assembly consists of welded tee connector, two terminals and corona shield.

#### Material

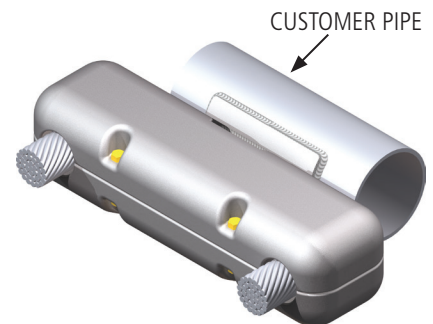
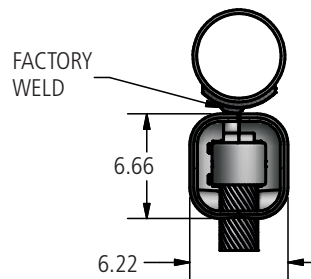
Aluminum Alloy

Yellow anodized aluminum bolts, nuts, washers, lockwashers.

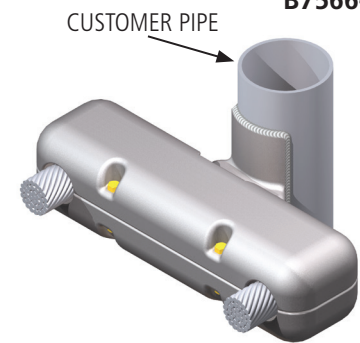
#### Hardware



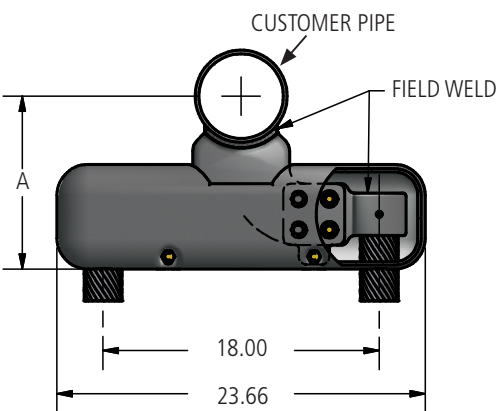
B7566-A



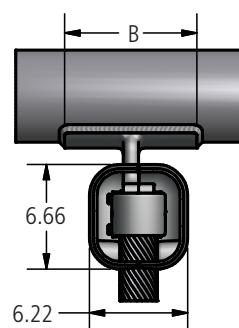
B7566-A



B7565-A



B7565-A



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE		DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS	
	TUBULAR BUS SPS & EHPS	STRAIN BUS	A	B		
B7566-A	5"	2.4	11.31	8.62	27.0	
	6"					
B7565-A	5"		11.97		27.8	
	6"					

## DOSSERT® TYPE B7876, B7882 Series

**Tee Adapter, Welded, NPS to Three or Four Conductor Bundle  
Recommended for Voltages up to 765 kV**

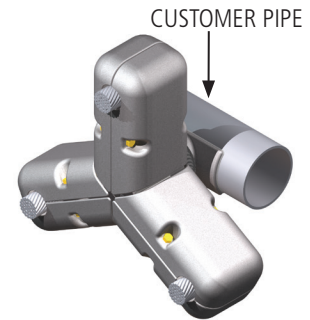
Welded tee adapter is designed to be corona free for 765 kV operation. Assembly consists of welded tee connector, three or four terminals and corona shields.

### Material

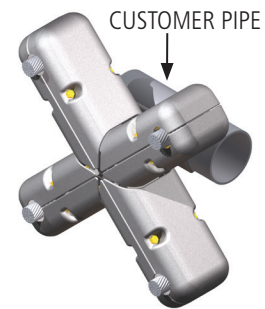
Aluminum Alloy

### Hardware

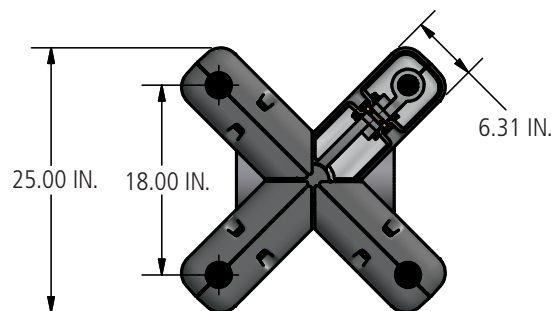
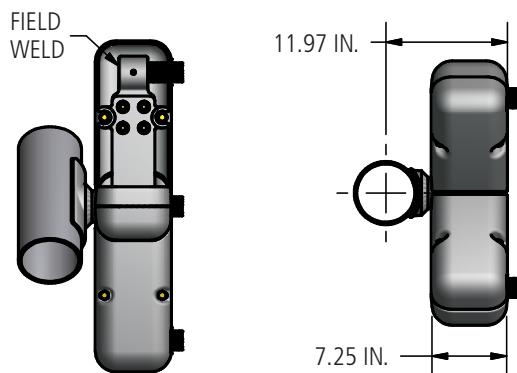
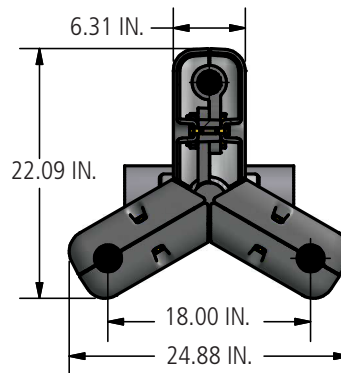
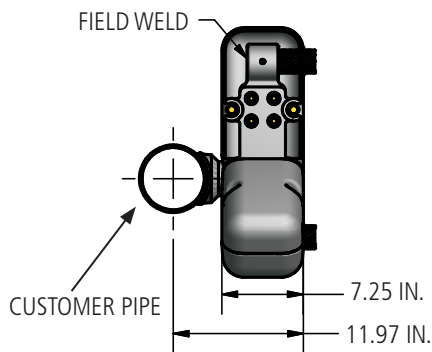
Yellow anodized aluminum bolts, nuts, washers, lockwashers.



**B7876-A**



**B7882-A**



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE		NOMINAL WEIGHT LBS	NUMBER OF STRAIN BUS
	TUBULAR BUS SPS & EHPS	STRAIN BUS		
B7876-A	5"	1.981 - 2.042	47.9	3
	6"			
B7882-A	5"	1.737 - 1.792	68.3	4
	6"			
B7882-B	5"	1.361 - 1.423	68.3	4
	6"			
B7882-C	5"	1.258 - 1.340	68.3	4
	6"			

## DOSSERT® TYPE WT-EHV-AA

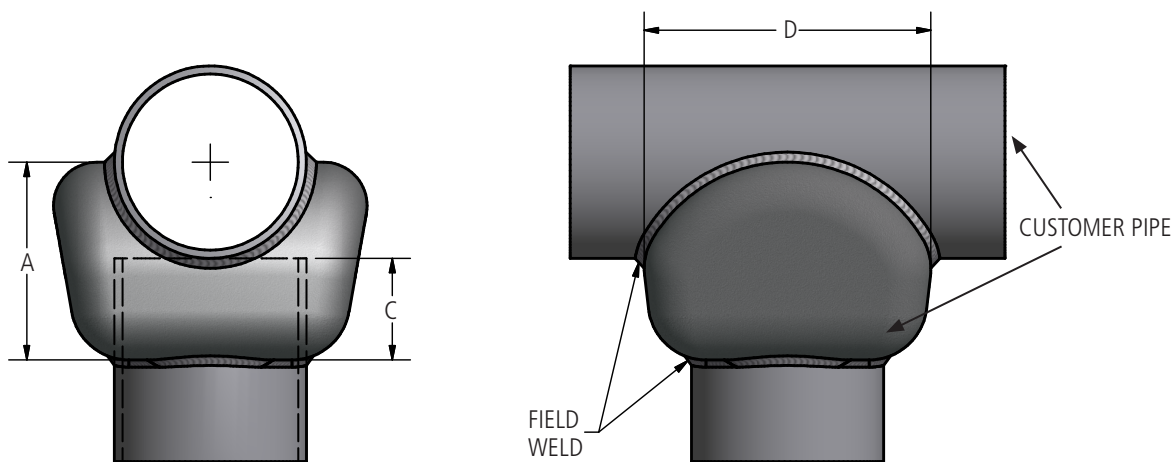
### Tee Connector

**Recommended for Voltages up to 765 kV**

Welded tee connector is designed to be corona free for 765 kV service.

### Material

Aluminum Alloy



### Ordering Information

CATALOG NUMBER	SPS	DIMENSIONS IN INCHES		
		A	C	D
WT600-600-EHV-AA	6	6 13/16	3 1/2	9 7/8

## DOSSERT® TYPE WRP2CA-20-EHV-AA, WRP2CA-45-EHV-AA

**Recommended for Voltages up to 765 kV**

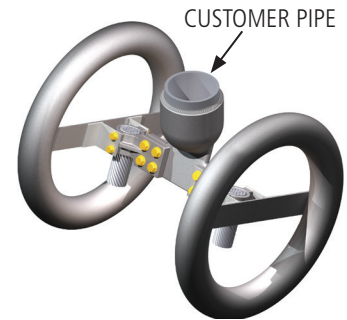
Tee connector is designed to be corona free for 765 kV service.

### Material

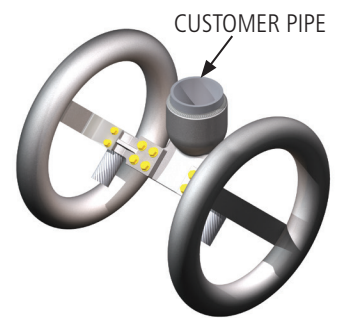
Aluminum Alloy

### Hardware

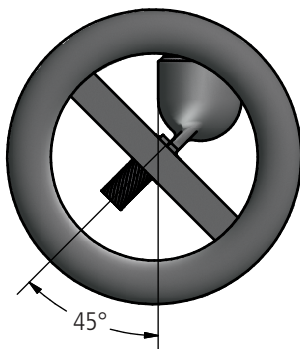
Yellow anodized aluminum bolts, nuts, washers, lockwashers.



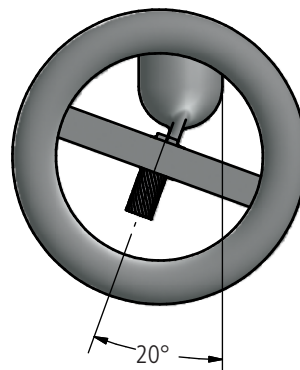
WRP2CA-20-EHV-AA



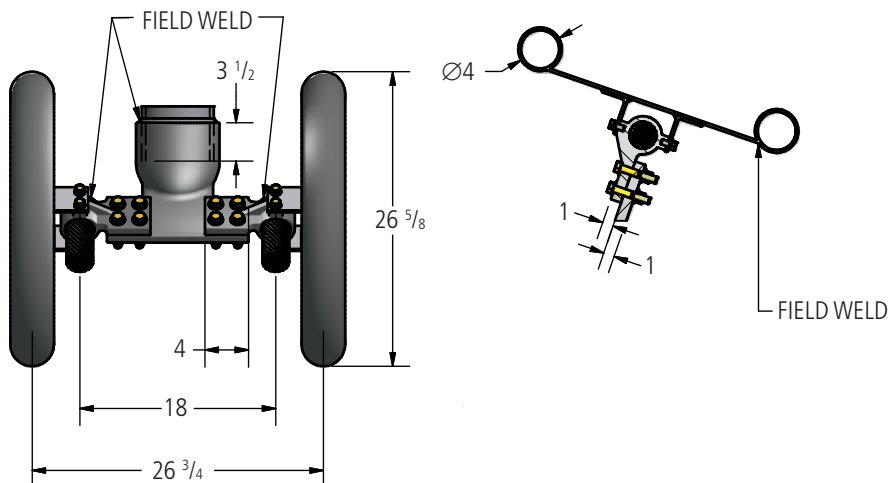
WRP2CA-45-EHV-AA



WRP2CA-45-EHV-AA



WRP2CA-20-EHV-AA



### Ordering Information

CATALOG NUMBER	SPS	CONDUCTOR DIAMETER
WRP2CA-600-240R-18-45-EHV-AA	6	2.4
WRP2CA-600-240R-18-20-EHV-AA	6	

## DOSSERT® TYPE WPC-4S4-AA-WH, WPCA-4S4-90-AA-WH

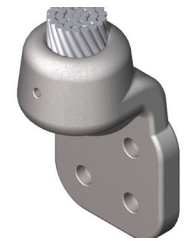
### Welded Terminal

Recommended for Voltages up to 765 kV

Terminal pad is designed to be corona free for 765 kV operation.

### Material

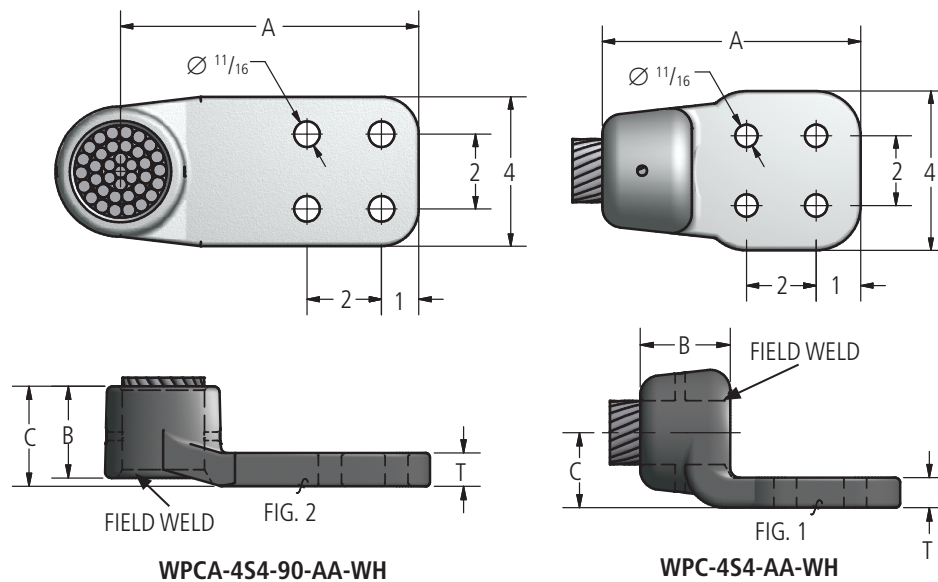
Aluminum Alloy



WPC-4S4-AA-WH



WPCA-4S4-90-AA-WH



## Ordering Information

CATALOG NUMBER	ACSR RANGE	FIGURE NUMBER	DIMENSIONS IN INCHES			
			A	B	C	T
WPC95A-4S4-AA-WH	715.5(26/7) - 954(45/7) MCM	1	6 1/4	1 3/4	1 1/2	1
WPCA95A-4S4-90-AA-WH	715.5(26/7) - 954(45/7) MCM	2	6	1 3/4	2	5/8
WPC135A-4S4-AA-WH	1192.5(54/19) - 1351.5(45/7) MCM	1	6 1/2	2	1 5/8	5/8
WPCA135A-4S4-90-AA-WH	1192.5(54/19) - 1351.5(45/7) MCM	2	5 5/8	2	2 1/4	5/8
WPC240R-4S4-AA-WH	2515(76/19) MCM	1	7 1/4	2 3/4	2 1/2	1
WPCA240R-4S4-90-AA-WH	2515(76/19) MCM	2	8	2 3/4	3	1



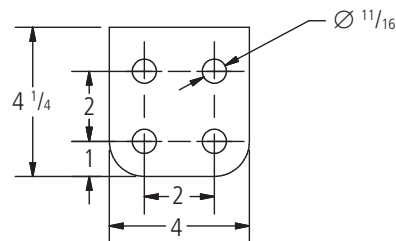
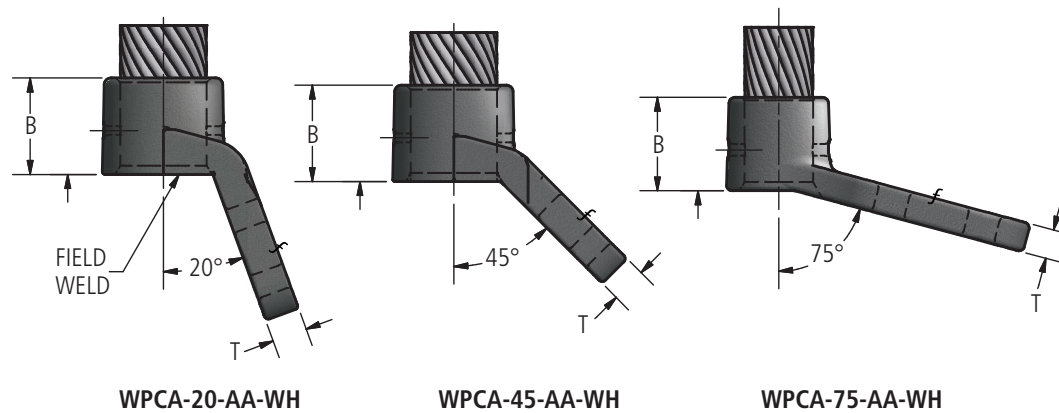
## DOSSERT®

### TYPE WPCA-20-AA-WH, WPCA-45-AA-WH, WPCA-75-AA-WH

Terminal pad is designed to be corona free for 765 kV operation.

#### Material

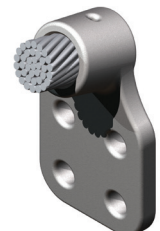
Aluminum Alloy



WPCA-20-AA-WH



WPCA-45-AA-WH



WPCA-75-AA-WH

### Ordering Information

CATALOG NUMBER	ACSR RANGE	DIMENSIONS IN INCHES	
		B	T
WPCA95A-4S4-75-AA-WH	715.5(26/7) - 954(45/7) MCM	1 3/4	5/8
WPCA135A-4S4-75-AA-WH	1192.5(54/19) - 1351.5(45/7) MCM	2	5/8
WPCA240R-4S4-20-AA-WH	2034(72/7) - 2312(76/19) MCM	2 3/4	1
WPCA240R-4S4-45-AA-WH	2034(72/7) - 2312(76/19) MCM	2 3/4	1

## DOSSERT®

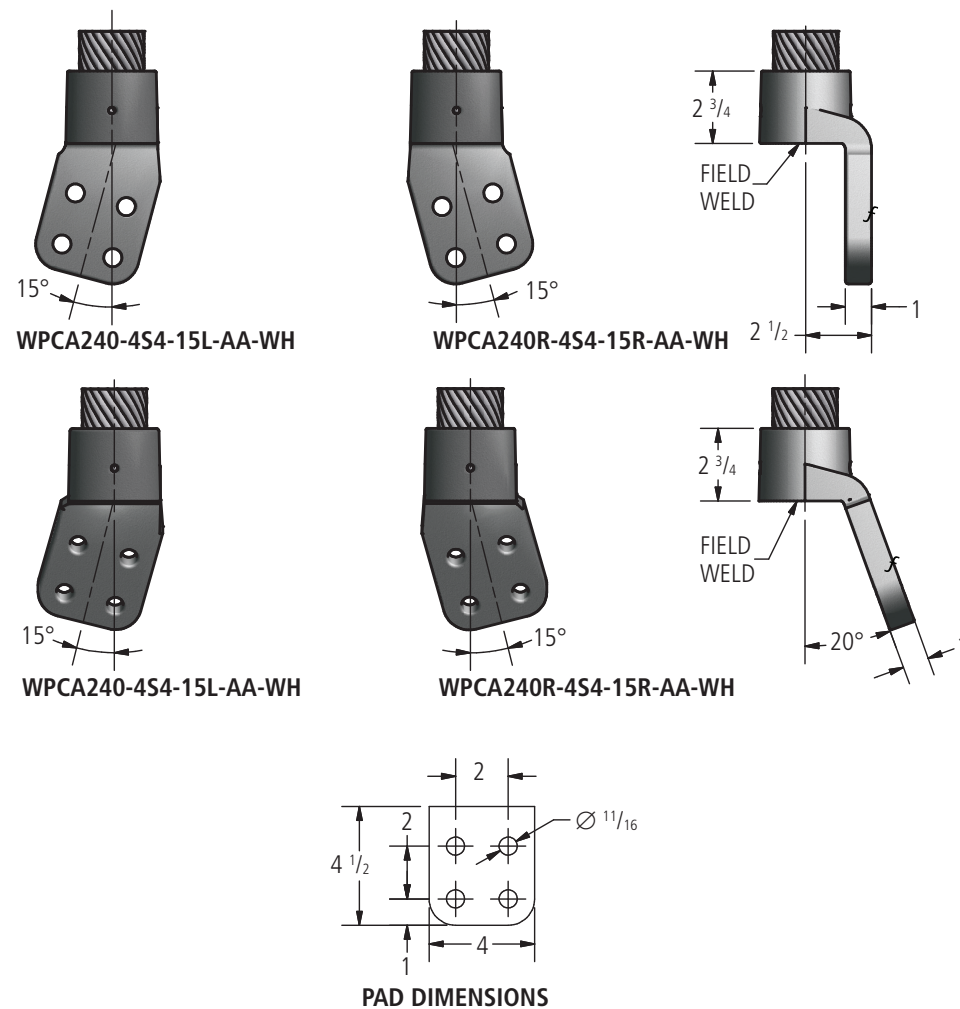
### TYPE WPCA-15L-AA-WH, WPCA-15R-AA-WH, WPCA-15L-20-AA-WH, WPCA-15R-20-AA-WH

#### Welded Terminal

Angled welded terminal is designed for 2.4 diameter Aluminum conductor.

#### Material

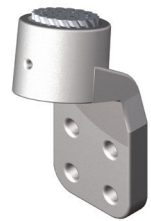
Aluminum Alloy



WPCA-15L-AA-WH



WPCA-15R-AA-WH



WPCA-15L-20-AA-WH



WPCA-15R-20-AA-WH

#### Ordering Information

CATALOG NUMBER	REFERENCE DRAWINGS
WPCA-15L-AA-WH	D-4475
WPCA-15R-AA-WH	D-4476
WPCA-15L-S1-AA-WH	D-4491
WPCA-15R-S1-AA-WH	D-4492

## DOSSERT® TYPE B7094, B7567 Series

**End Terminal, Welded, NPS to Flat Pad**  
**Recommended for Voltages up to 765 kV**

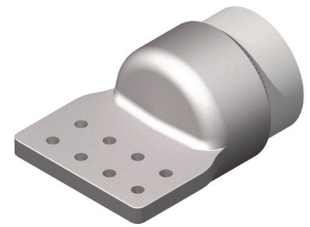
Terminal is designed to be corona free for 765 kV operation when bolted to B7001 terminal connectors. Assembly consists of terminal and aluminum terminal hardware.

### Material

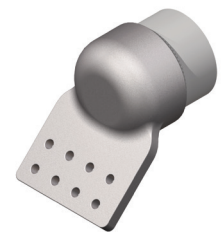
Aluminum Alloy

### Hardware

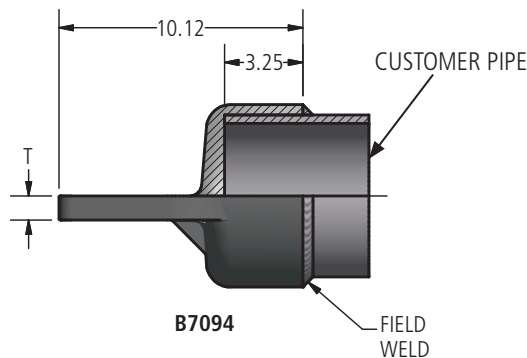
Yellow anodized aluminum bolts, nuts, washers, lockwashers.



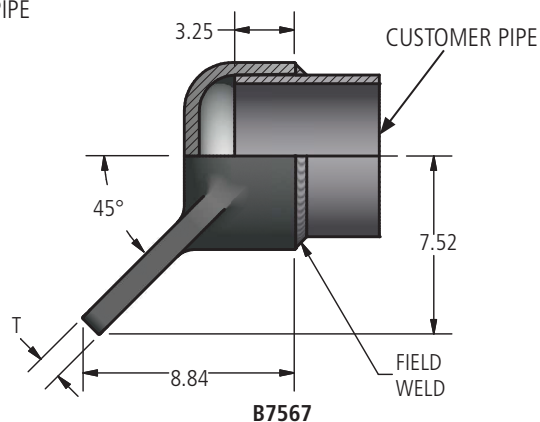
**B7094-A**



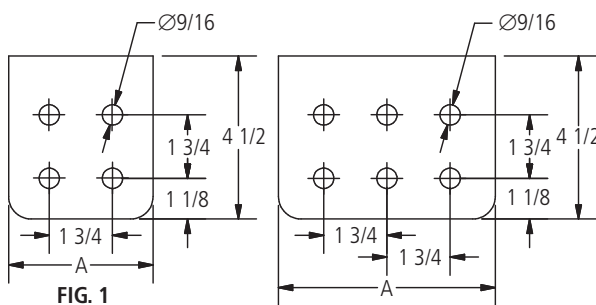
**B7567-A**



**B7094**

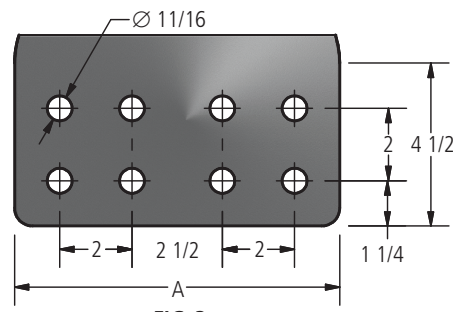


**B7567**



**FIG. 1**

**FIG. 2**



**FIG. 3**

### Ordering Information

CATALOG NUMBER	FIG. NO.	SPS / EHPS	DIMENSIONS IN INCHES	
			A	T
B7094-A	3	6	9	1
B7094-B	3	6	9	1 1/4
B7094-C	2	6	5	1
B7094-D	1	6	4	1
B7094-E	2	6	6	1 1/4
B7567-A	3	6	9	1

## DOSSERT® TYPE B7001 Series

### Recommended for Voltages up to 765 kV

Terminal connector is designed to be corona free for 765 kV operation when bolted to equipment terminal. Assembly consists of connector, two terminals, corona shield and hardware.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.

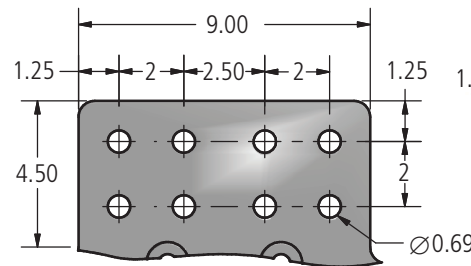
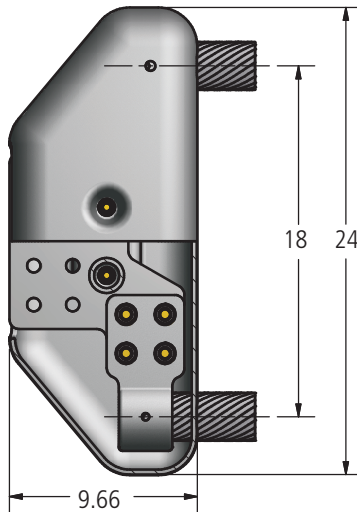
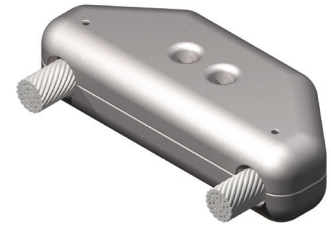


FIG. 1

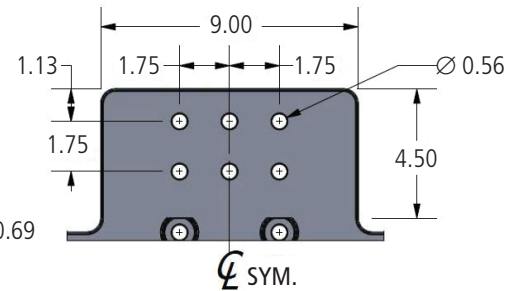
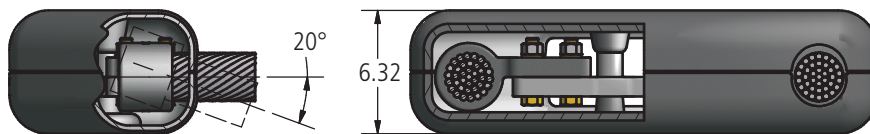


FIG. 2



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	TERMINAL ANGLE	NOMINAL WEIGHT LBS	FIG. NO.
	STRAIN BUS DIAMETER IN INCHES			
B7001-A	2.4	STR.	28.0	1
B7001-B	2.4	20°	28.0	1
B7001-6N4-A	2.4	STR.	28.0	2

# DOSSERT®

## TYPE WP2CA-45-EHV-AA Series

## Corona Free Terminal Connector

**Recommended for Voltages up to 765 kV**

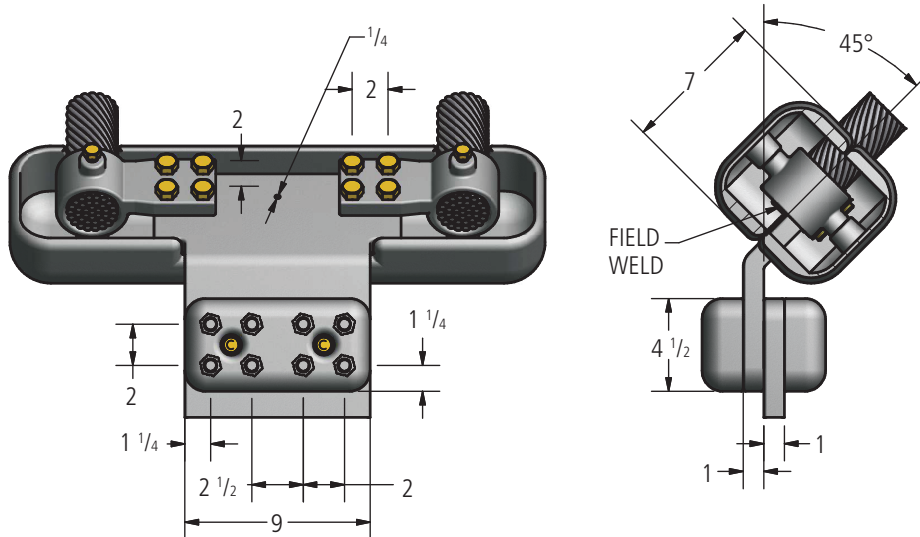
Terminal connector is designed to be corona free for 765 kV operation when bolted to equipment terminal. Assembly consists of connector, two terminals, corona shield and hardware.

## Material

## Aluminum Alloy

## Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



## Ordering Information

CATALOG NUMBER	CABLE SIZE
WP2CA240R-9-41/2-15-45-EHV-AA	2.40 DIA

## DOSSERT® TYPE B7583-A Series

### Welded Expansion Terminal Recommended for Voltages up to 765 kV

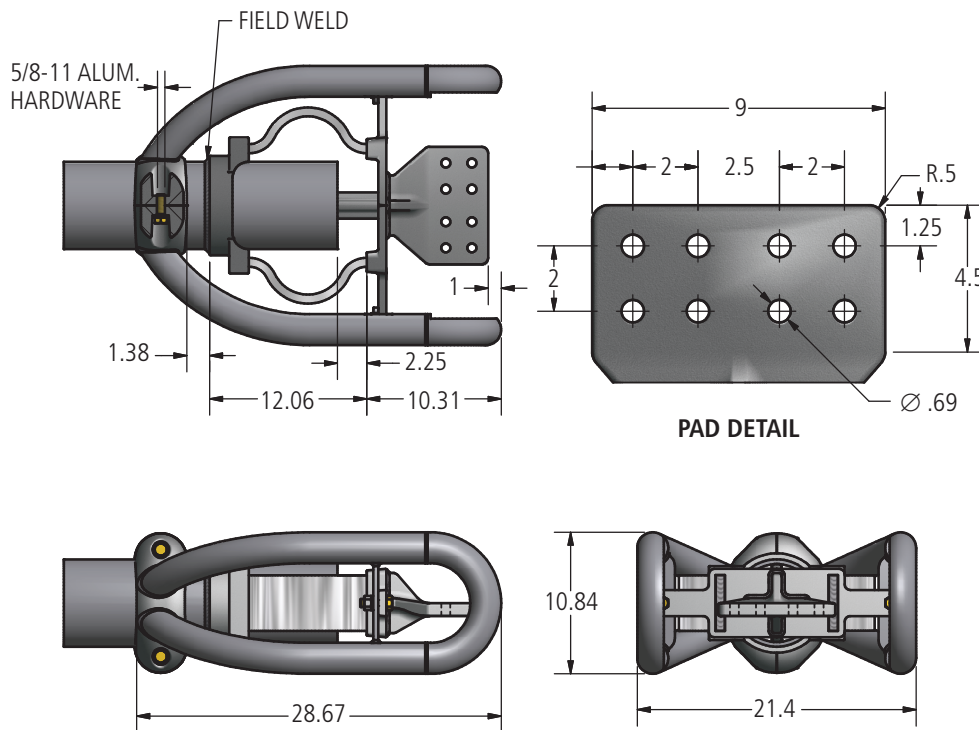
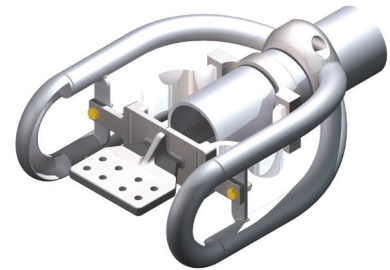
Expansion terminal is designed to be corona free for 765 kV operation. Expansion terminal is designed for a maximum bus run of 100 feet (30.5m) operating between a minimum temperature of -20°F (-28°C) and a maximum temperature of 200°F (93.3°C). Assembly consists of expansion terminal, corona rings and hardware. Stainless steel chatter springs are supplied with corona ring assembly.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	CONDUCTOR SIZE	NOMINAL WEIGHT LBS
	STRAIN BUS DIAMETER IN INCHES	
B7583-A	6"	49.0

## DOSSERT® TYPE B7878-A Series

### Terminal Connector - Three Bundle Recommended for Voltages up to 765 kV

Terminal connector is designed to be corona free for 765 kV operation when bolted to equipment terminal. Assembly consists of connector, three terminals, corona shield and hardware.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.

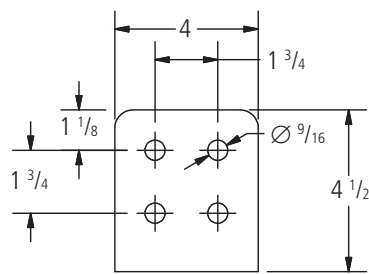
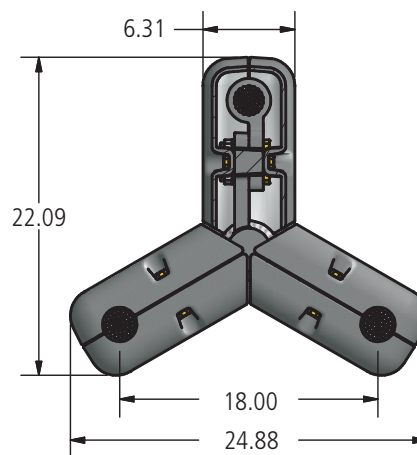
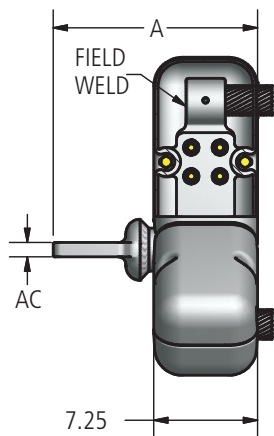
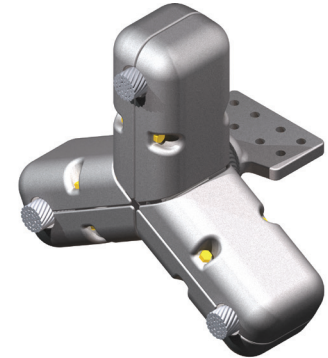


FIG. 1

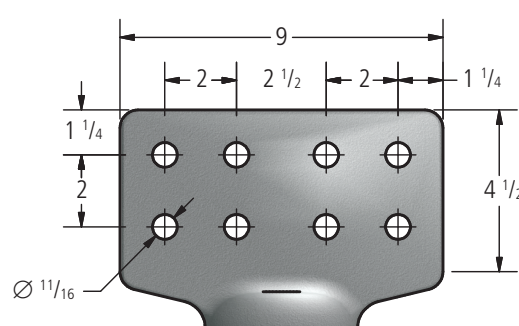


FIG. 2

### Ordering Information

CATALOG NUMBER	FIGURE NO.	CONDUCTOR SIZE	DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
		STRAIN BUS DIAMETER IN INCHES	A	AC	
B7878-A	2	1.981 - 2.042	14.19	1.00	51.9
B7878-B	1	1.981 - 2.042	14.19	1.00	49.6



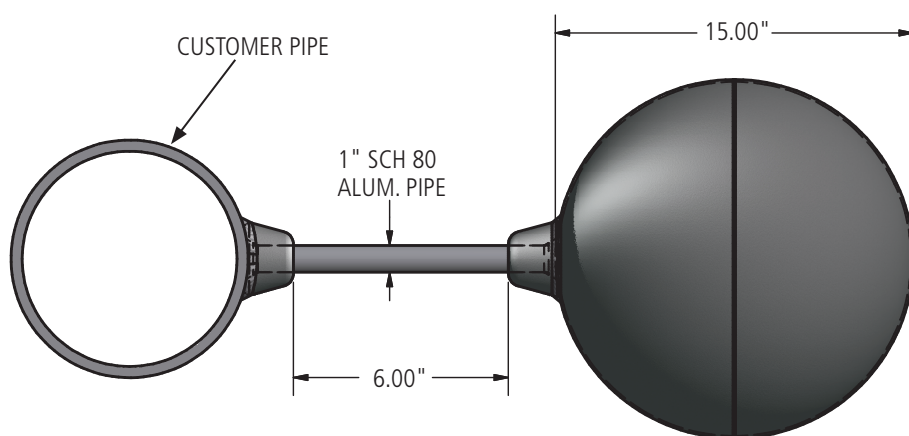
## **DOSSERT®** **TYPE 34640-EHV Series**

### **Ground Stud, Welded**

Ground stud is designed to be corona free for 765 kV operation.

#### **Material**

Aluminum Alloy



**34640-EHV**

### **Ordering Information**

CATALOG NUMBER	CONDUCTOR SIZE TUBULAR SIZE SPS & EHPS	NOMINAL WEIGHT LBS
34640EHV	4" to 6"	16.0

## DOSSERT® TYPE C6999-A, B7073 Series

### Spacer Clamps

#### Recommended for Voltages up to 765 kV

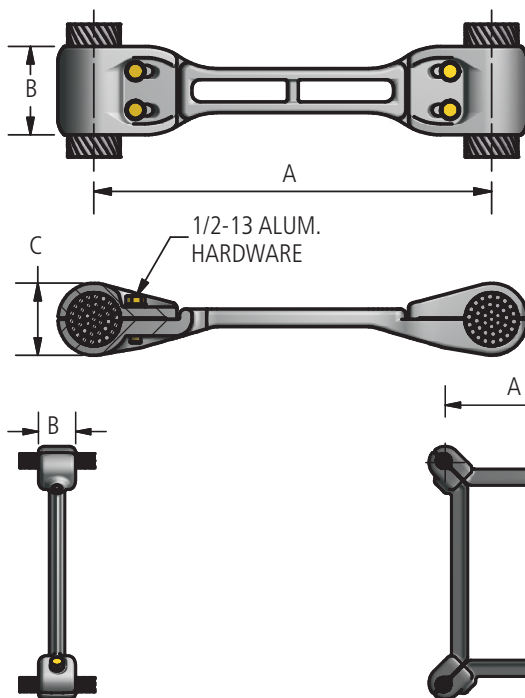
Two- and four-conductor spacers are designed to be corona free for 765 KV operation. Spacers are not recommended for use on transmission lines.

#### Material

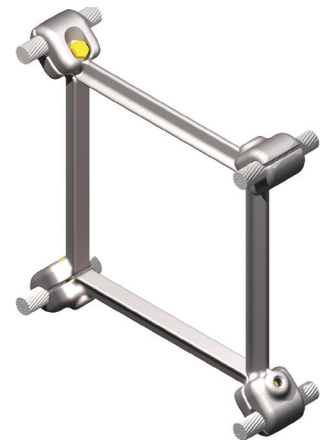
Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



C6999-A



B7073

### Ordering Information

CATALOG NUMBER	STRAIN BUS	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
		A	B	C	
C6999-A	2.4	18.00	4.00	3.25	6.4
C6999-B	2.311	17.72	4.00	3.25	6.4

CATALOG NUMBER	CONDUCTOR SIZE			DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS
	KCMIL	STRAND		A	B	
		AL.	ST.			
B7073-A	954.0	45	7	18.00	1.165	13.2
B7073-B	1351.5	45	7	18.00	1.385	12.4
B7073-C	795 MCM	36	6	18.00	1.026	13.2
B7073-D	556.5 MCM	26	7	18.00	0.927	13.6
B7073-E	1300 MCM	45	7	17.72	1.312	12.8
B7073-F	795 MCM	30	19	18.00	1.140	12.8
B7073-G	1431 MCM	45	7	10.00	1.379	9.6
B7073-H	1450 MCM	45	7	18.00	1.526	9.4

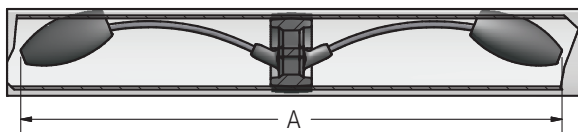
## DOSSERT® TYPE 1705, B7384 Series

### Internal and External Bus Damper for Tubular Bus Recommended for Voltages up to 765 kV

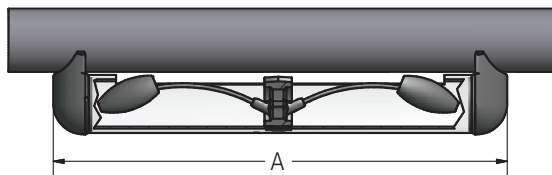
Internal bus damper is designed to be corona free for 765 kV operation. Damper is designed to be installed inside bus to be corona free and to present a "clean" appearance to the substation.

#### Material

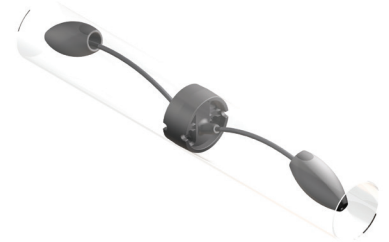
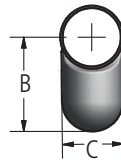
Aluminum Alloy and Galvanized Steel Damper Weights



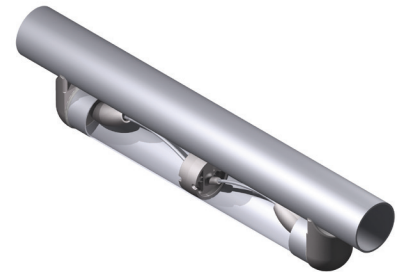
1705-XXX



B7384



1705



B7384-A

### Ordering Information

INTERNAL DAMPER				
CATALOG NUMBER	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS	DIMENSIONS IN INCHES	NOMINAL WEIGHT LBS	
		A	ALUM	TOTAL
1705-504	5 SPS	36.88	2.7	13.3
1705-576	6 EHPS	35.25	3.3	14.0
1705-607	6 SPS	35.25	4.0	14.7
1705-700	8" O.D. ( 1/2" Wall )	36.88	3.2	13.8
1705-725	8" O.D. ( 3/8" Wall )	36.88	3.2	13.8
1705-762	8 EHPS	36.88	3.3	13.9
1705-798	8 SPS	36.88	3.4	14.0

EXTERNAL DAMPER						
CATALOG NUMBER	CONDUCTOR SIZE TUBULAR BUS SPS & EHPS	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS	
		A	B	C	ALUM	TOTAL
B7384-A	5"	40.00	8.50	5.56	23.9	34.5
B7384-B	6"	40.00	10.12	6.62	28.9	39.5
B7384-C	8"	40.00	12.19	8.00	37.4	37.4

## DOSSERT® TYPE B7004-A Series

**Stud Connector, Straight, Stud to Two Conductor Bundle  
Recommended for Voltages up to 765 kV**

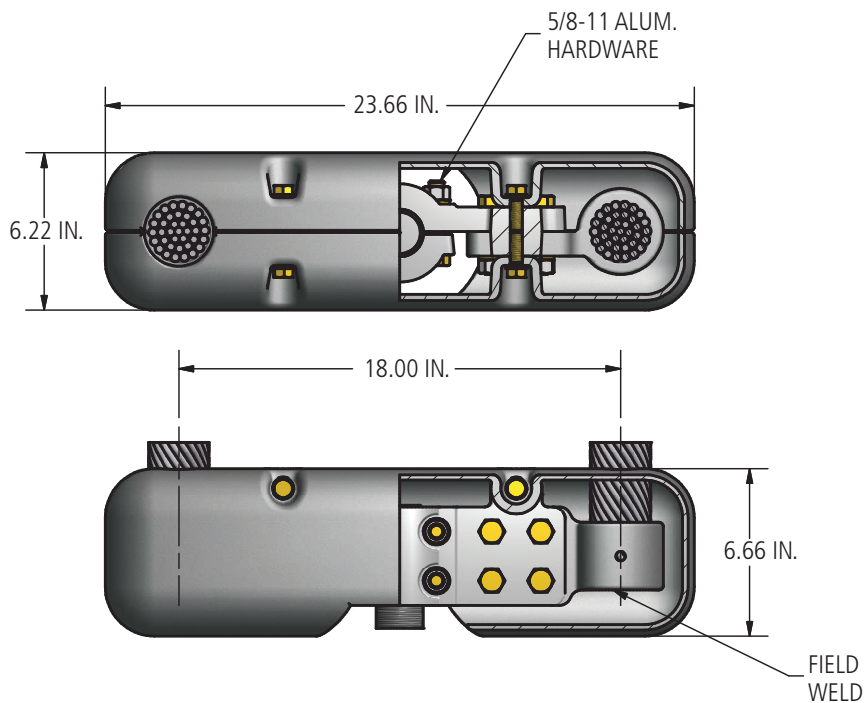
Stud connectors are designed to be corona free for 765 kV operation. Assembly consists of stud connector, two terminals, corona shields and hardware. Stud sizes other than those shown can be supplied if required.

### Material

Aluminum Alloy

### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	STUD SIZE		CONDUCTOR SIZE	NOMINAL WEIGHT LBS
	DIAMETER	THREADS PER INCH	STRAIN BUS DIAMETER	
B7004-A	2	12	2.4	28.4
B7004-B	3	12	1.423	28.4
B7004-C	3	12	2.4	27.9
B7004-D	3.15	0	1.855	27.6

## DOSSERT® TYPE B7074-A Series

**Stud Connector – 45°, 90°, Stud to Two Conductors**  
**Recommended for Voltages up to 765 kV**

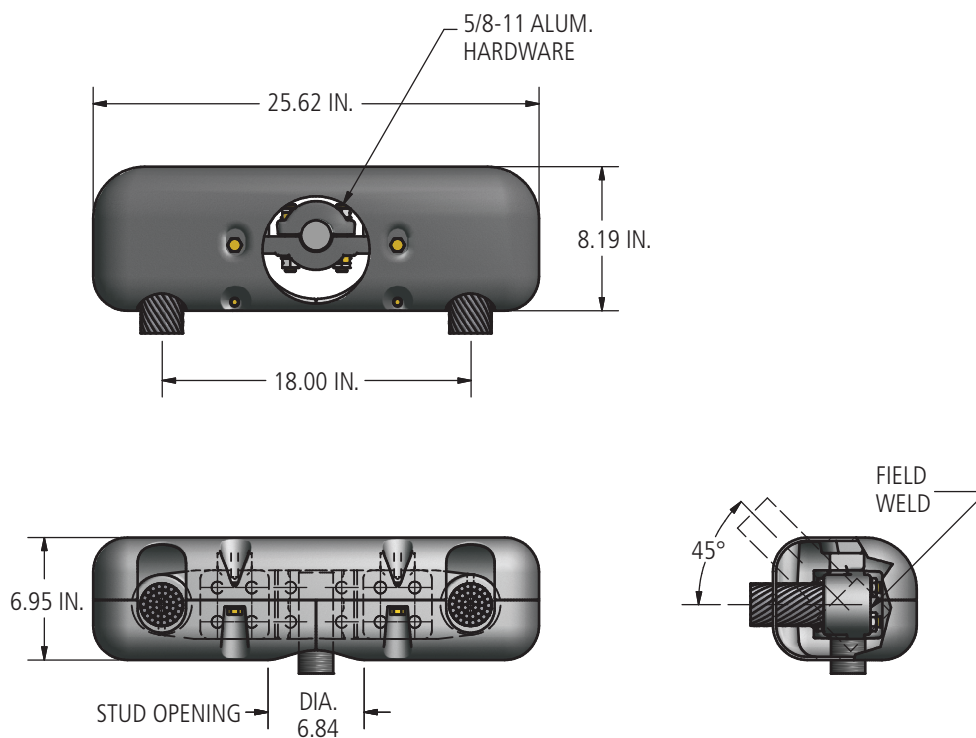
Angle stud connectors are designed to be corona free for 765 kV operation. Assembly consists of stud connector, two terminals, corona shields and hardware. Stud sizes other than those shown can be supplied if required.

### Material

Aluminum Alloy

### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



## Ordering Information

CATALOG NUMBER	STUD SIZE		CONDUCTOR SIZE		TERMINAL ANGLE	NOMINAL WEIGHT LBS
	DIAMETER	THREADS PER INCH	STRAIN BUS DIAMETER IN INCHES			
			MIN	MAX		
B7074-A	2	12	2.4		90°	33.0
B7074-B	2	12	2.4		45°	33.0
B7074-C	3	12	1.361	1.423	90°	33.4

## DOSSERT® TYPE B7108 Series

### Stud Connector – 90°, Stud to Two Conductors Recommended for Voltages up to 765 kV

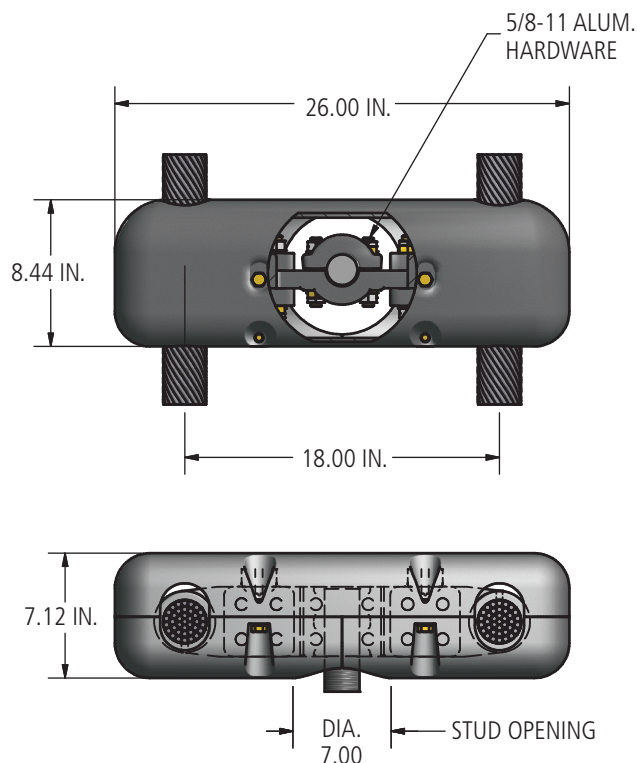
Thru stud connectors are designed to be corona free for 765 kV operation. Assembly consists of a stud connector, four terminals, corona shields and hardware. Stud sizes other than those shown can be supplied if required.

#### Material

Aluminum Alloy

#### Hardware

Yellow anodized aluminum bolts, nuts, washers, lockwashers.



### Ordering Information

CATALOG NUMBER	STUD SIZE		CONDUCTOR SIZE STRAIN BUS DIAMETER IN INCHES	NOMINAL WEIGHT LBS
	DIAMETER	THREADS PER INCH		
B7108-A	2	12	2.4	40.2
B7108-C	2	12	2.344	37.28

## DOSSERT® TYPE B7879-A, B7880 Series

**Stud Connector, Straight, Stud to Three Conductor Bundle  
Recommended for Voltages up to 765 kV**

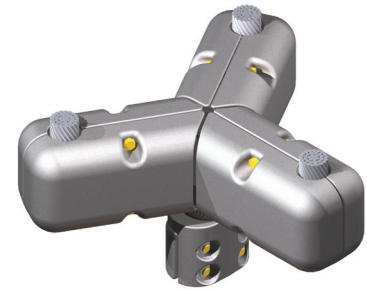
Stud connectors are designed to be corona free for 765 kV operation. Assembly consists of stud connector, three terminals, corona shields and hardware. Stud sizes other than those shown can be supplied if required.

### Material

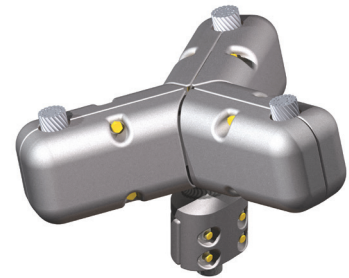
Aluminum Alloy

### Hardware

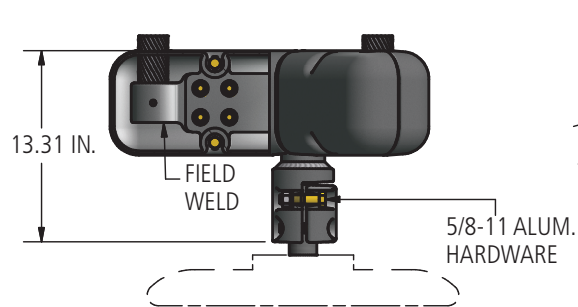
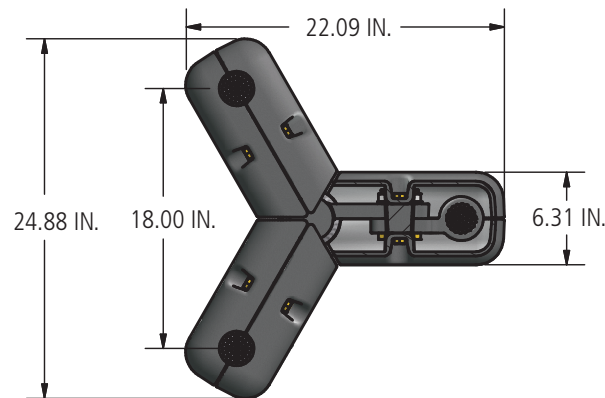
Yellow anodized aluminum bolts, nuts, washers, lockwashers.



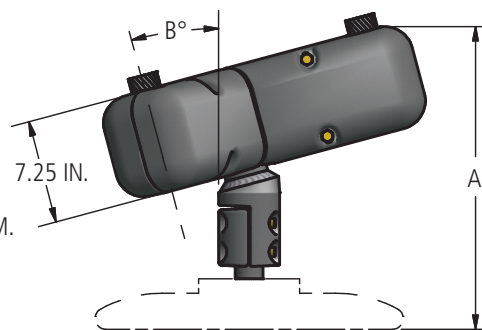
**B7879-A**



**B7880-A**



**STRAIGHT CONNECTOR  
B7879**



**ANGLED CONNECTOR  
B7880**

## Ordering Information

CATALOG NUMBER	STUD SIZE		CONDUCTOR SIZE  STRAIN BUS DIAMETER IN INCHES	DIMENSIONS IN INCHES (FOR ANGLED STUD CONNECTOR ONLY)		NOMINAL WEIGHT LBS
	DIAMETER	THREADS PER INCH		A	B	
B7879-A	2	12	1.981 - 2.042	-	-	55.4
B7880-A	2	12	1.981 - 2.042	15.43	15°	56.2
B7880-B	2	12	1.981 - 2.042	17.8	45°	57.7





## 765 kV Stud Connector

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