

DOSSERT® TYPE 16300, 16500, 16700 Cable Support

The 16300, 16500 and 16700 series supports are designed for mounting stranded aluminum or ACSR conductors. New cable support reduces stock with extended range taking capabilities. These supports can be used for two or four conductors and the cables can be oriented in any angle from the base. Three supports provide cable range from 4/0 to 3500 MCM. Available in 3", 5" and 7" bolt circles.

Material

Aluminum Alloy

Hardware

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

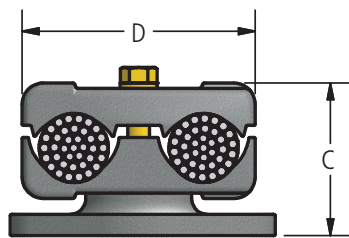
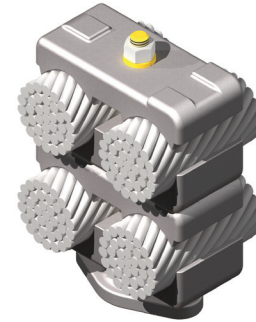


FIG. 1

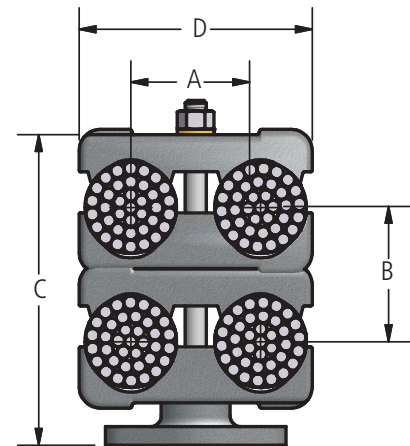
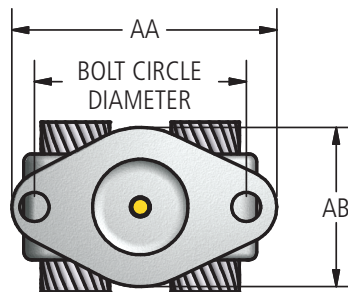


FIG. 2

Ordering Information

NO. OF CABLES	FIG. NO.	AAC CABLE RANGE		CATALOG NUMBER			DIAMETER RANGE IN.	A	DIMENSIONS IN INCHES					ULTIMATE CANTILEVER FORCE (LBS)
		MIN	MAX	3" BOLT CIRCLE	5" BOLT CIRCLE	7" BOLT CIRCLE			B		C		D	
2	1	4/0	795 MCM	16320-795C	16520-795C	16720-795C	.522 - 1.026	2.40	-	-	3 1/16	3 13/16	4 3/8	600
4	2	4/0	795 MCM	16340-795C	16540-795C	16740-795C	.522 - 1.026	2.40	1 13/16	2 1/2	4 7/8	6 1/4	4 3/8	300
2	1	795 MCM	2000 MCM	16320-2000C	16520-2000C	16720-2000C	1.026 - 1.630	2.40	-	-	3 1/4	4 1/16	4 3/8	600
4	2	795 MCM	2000 MCM	16340-2000C	16540-2000C	16740-2000C	1.026 - 1.630	2.40	2	2 13/16	5 1/4	6 7/8	4 3/8	300
2	1	2000 MCM	3500 MCM	16320-3500C	16520-3500C	16720-3500C	1.630 - 2.158	2.75	-	-	3 7/8	4 1/2	5 1/2	600
4	2	2000 MCM	3500 MCM	16340-3500C	16540-3500C	16740-3500C	1.630 - 2.158	2.75	2 5/8	3 3/16	7 9/16	7 9/16	5 1/2	300

BOLT MOUNTING CIRCLE		DIMENSIONS IN INCHES	
IN		AA	AB
3		4.25	2.50
5		6.25	3.75
7		8.75	3.75

DOSSERT®

TYPE CBP-AA

Two Unit Bus Support For Cable

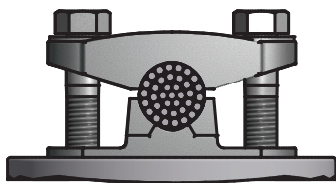
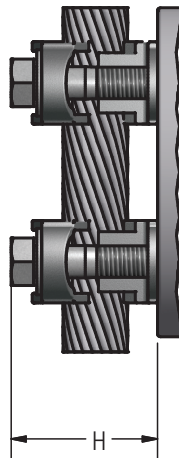
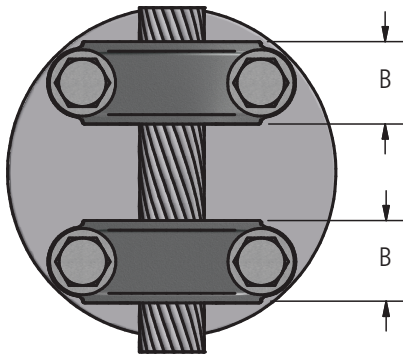
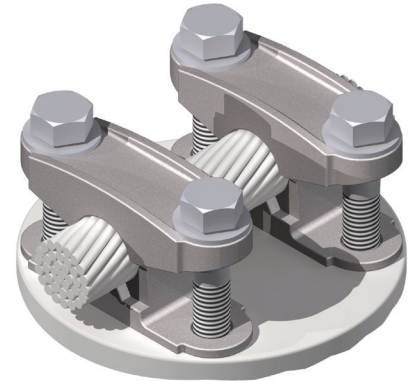
A two unit, four piece cable support which mounts conductor to cap of insulator. A single unit for light service can be supplied on request. Clamp is furnished with cap screws for threading into tapped holes of insulator.

Material

Aluminum Alloy

Hardware

Galvanized steel bolts and lockwashers.



Ordering Information

CATALOG NUMBER	AAC CABLE RANGE		BOLT CIRCLE	DIMENSIONS IN INCHES		
	MIN	MAX		B	H	BOLT SIZE
CBP21-3-AA	2 Stranded	4/0 Stranded	3	1 1/8	1 9/16	1/2
CBP21-5-AA	2 Stranded	4/0 Stranded	5	1 3/8	1 13/16	5/8
CBP50-3-AA	2/0 Stranded	500 kcmil	3	1 1/8	1 13/16	1/2
CBP50-5-AA	2/0 Stranded	500 kcmil	5	1 3/8	2 9/32	5/8
CBP125-3-AA	550 kcmil	1250 kcmil	3	1 3/8	2 3/16	1/2
CBP125-5-AA	550 kcmil	1250 kcmil	5	1 5/8	2 3/4	5/8

DOSSERT® TYPE CSP-AA, C2SP-AA One or Two Pipe Cable Bus Support

Pipe or Cable Bus Support for two cables or pipes.

Material

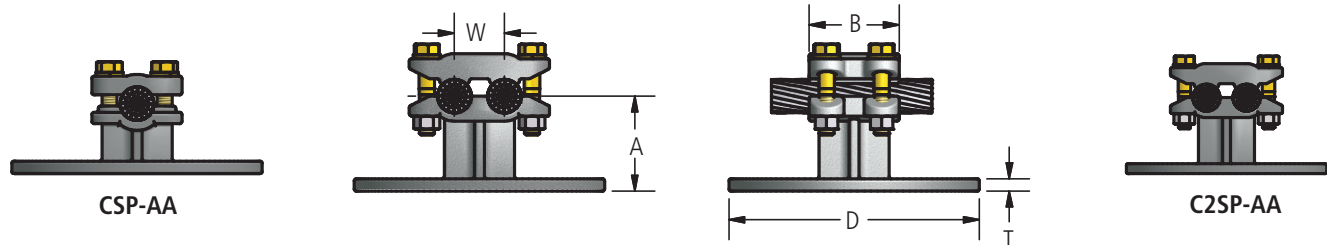
Aluminum Alloy

Hardware

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

Notes

1. For a Double Cable Bus Support add a 2 after 'C'.
2. For two 300 MCM cable, with a 3 in Bolt Circle C2SP87-3-AA.
3. For base mounting dimensions and hardware see page 3 in the general catalog index.



Ordering Information

CATALOG NUMBER	CABLE RANGE				SPS	BOLT CIRCLE	DIMENSIONS IN INCHES					BOLT SIZE
	ALUMINUM		ACSR				A	B	D	T	W	
	MIN	MAX	MIN	MAX								
CSP56-3-AA	8SOL	250MCM	6	#4/0	1/8-1/4	3	2 1/4	2 1/2	4 1/4	3/8	1	1/2
CSP56-5-AA	8SOL	250MCM	6	#4/0	1/8-1/4	5	2 1/4	2 1/2	6 1/4	3/8	1	1/2
CSP87-3-AA	300MCM	556.5MCM	226.8MCM	556.5MCM	3/8-1/2	3	2 1/2	2 1/2	4 1/4	3/8	1 1/4	1/2
CSP87-5-AA	300MCM	556.5MCM	226.8MCM	556.5MCM	3/8-1/2	5	2 1/2	2 1/2	6 1/4	3/8	1 1/4	1/2
CSP87-7-AA	300MCM	556.5MCM	226.8MCM	556.5MCM	3/8-1/2	7	2 1/2	2 1/2	8 1/2	1/2	1 1/4	1/2
CSP111-3-AA	636MCM	900MCM	556.5MCM	795MCM	1/2	3	2 3/4	2 3/4	4 1/4	3/8	1 1/2	1/2
CSP111-5-AA	636MCM	900MCM	556.5MCM	795MCM	1/2	5	2 3/4	2 3/4	6 1/4	3/8	1 1/2	1/2
CSP111-7-AA	636MCM	900MCM	556.5MCM	795MCM	1/2	7	2 3/4	2 3/4	8 1/2	1/2	1 1/2	1/2
CSP125-3-AA	954MCM	1192.5MCM	795MCM	1113MCM	3/4	3	3	2 3/4	4 1/4	3/8	1 3/4	1/2
CSP125-5-AA	954MCM	1192.5MCM	795MCM	1113MCM	3/4	5	3	2 3/4	6 1/4	1/2	1 3/4	1/2
CSP125-7-AA	954MCM	1192.5MCM	795MCM	1113MCM	3/4	7	3	2 3/4	8 1/2	1/2	1 3/4	1/2
CSP143-3-AA	1272MCM	1510.5MCM	1113MCM	1431MCM	1	3	3 3/8	2 3/4	4 1/4	3/8	1 7/8	1/2
CSP143-5-AA	1272MCM	1510.5MCM	1113MCM	1431MCM	1	5	3 3/8	2 3/4	6 1/4	1/2	1 7/8	1/2
CSP143-7-AA	1272MCM	1510.5MCM	1113MCM	1431MCM	1	7	3 3/8	2 3/4	8 1/2	1/2	1 7/8	1/2
CSP163-3-AA	1590MCM	2000MCM	1431MCM	1780MCM	1	3	3 1/2	2 3/4	4 1/4	3/8	2 1/16	5/8
CSP163-5-AA	1590MCM	2000MCM	1431MCM	1780MCM	1	5	3 1/2	2 3/4	6 1/4	1/2	2 1/16	5/8
CSP163-7-AA	1590MCM	2000MCM	1431MCM	1780MCM	1	7	3 1/2	2 3/4	8 1/2	1/2	2 1/16	5/8
CSP182-3-AA	2000MCM	2500MCM	2034MCM	2312MCM	1 1/4	3	3 5/8	3 1/4	4 1/4	3/8	2 1/2	5/8
CSP182-5-AA	2000MCM	2500MCM	2034MCM	2312MCM	1 1/4	5	3 5/8	3 1/4	6 1/4	3/8	2 1/2	5/8
CSP182-7-AA	2000MCM	2500MCM	2034MCM	2312MCM	1 1/4	7	3 5/8	3 1/4	8 1/2	1/2	2 1/2	5/8
CSP199-3-AA	2000MCM	3000MCM	2034MCM	2870MCM	1-1/4 - 1-1/2	3	3 5/8	3 1/4	4 1/4	3/8	2 5/8	5/8
CSP199-5-AA	2000MCM	3000MCM	2034MCM	2870MCM	1-1/4 - 1-1/2	5	3 5/8	3 1/4	6 1/4	1/2	2 5/8	5/8
CSP216-3-AA	2500MCM	3500MCM	—	—	1 1/2	3	3 5/8	3 1/4	4 1/4	7/16	3 1/4	5/8
CSP216-5-AA	2500MCM	3500MCM	—	—	1 1/2	5	3 5/8	3 1/4	6 1/4	7/16	3 1/4	5/8



DOSSERT®
TYPE CVSP-AA
Cable Bus Support

Base mounting holes are slotted to allow for misalignment in insulator stack. Used for both cable and pipe applications. Reversible for covering a broad range of conductor sizes.

Material

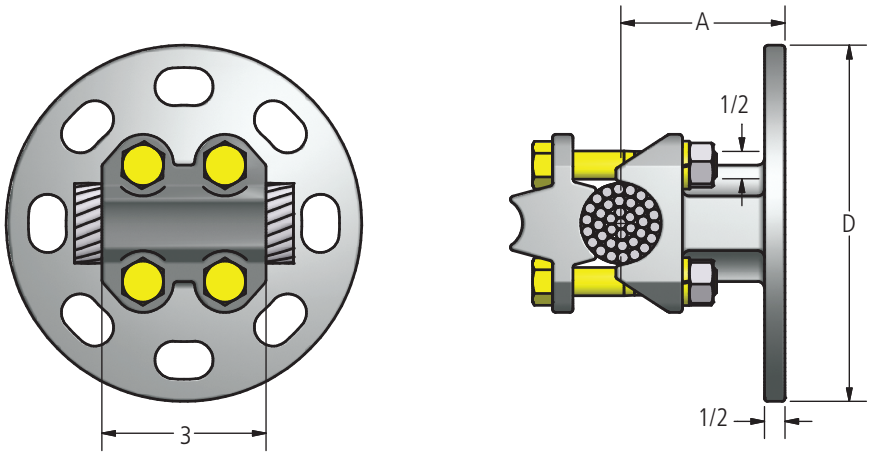
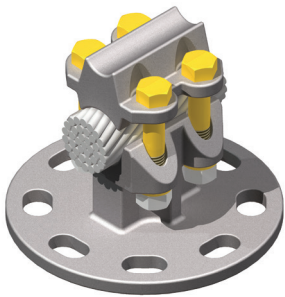
Aluminum Alloy

Hardware

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

Note

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



Ordering Information

CATALOG NUMBER	ALUMINUM		SPS		BOLT CIRCLE	DIMENSIONS IN INCHES	
	MIN	MAX	SMALL GROOVE	LARGE GROOVE		A	D
CVSP143A-3-AA	3/0 ACSR-700 MCM AL	750 MCM AL. - 1431 ACSR	1/4	1	3	3	4 1/4
CVSP143A-5-AA	3/0 ACSR-700 MCM AL	751 MCM AL. - 1431 ACSR	1/4	1	5	3	6 1/4

DOSSERT® TYPE PSG-AA Cable, Bus Support

Material

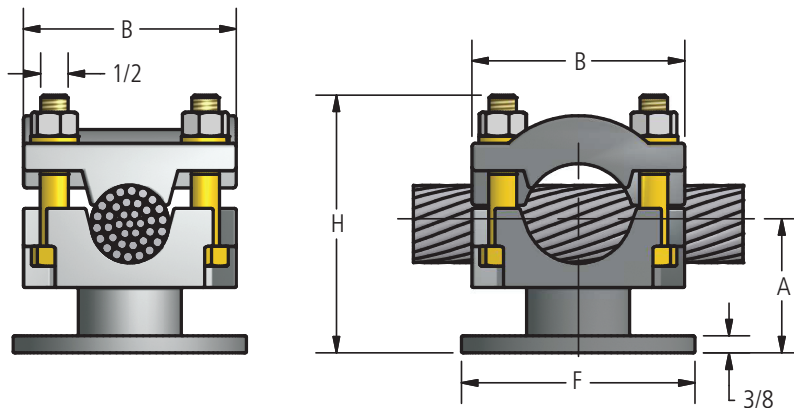
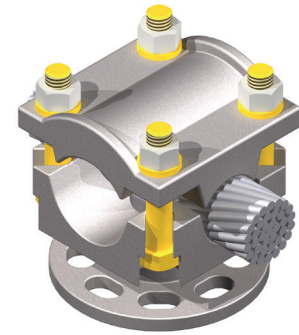
Aluminum Alloy

Hardware

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

Notes

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



Ordering Information

CATALOG NUMBER	AAC CABLE RANGE		BUS RANGE (OD) IN INCHES		BOLT CIRCLE	DIMENSIONS IN INCHES				CANTILEVER FORCE LBS	
	MIN.	MAX.	MIN.	MAX.		A	B	F	H	ALLOWABLE	ULTIMATE
PSG81-3-AA	#4	500MCM	7/16	1 5/16	3	1 9/16	2 3/8	4 1/4	2 3/8	-	-
PSG131-3-AA	3/0STR	1250MCM	7/16	1 5/16	3	2 1/8	3 1/8	4 1/4	3 11/16	2310	3340
PSG131-5-AA	3/0STR	1250MCM	7/16	1 5/16	5	2 1/8	3 1/8	6 1/4	3 11/16	4490	6480
PSG199-3-AA	750MCM	2870MCM	1	2	3	2 5/8	3 7/8	4 1/4	4 5/8	2410	3480
PSG199-5-AA	750MCM	2870MCM	1	2	5	2 5/8	3 7/8	6 1/4	4 5/8	4720	6820
PSG199-7-AA	750MCM	2870MCM	1	2	7	2 5/8	3 7/8	8 1/2	4 5/8	-	-



230 kV Aluminum Bolted Bus Supports

DOSSERT® TYPE PSRE-AA Low Mounting Variable Bus Support for Cable/Pipe

A cost effective low mounting variable bus support clamp. The wide range of conductor sizes accommodated by each clamp size minimizes the number of clamps to cover a given range of bus sizes.

Material

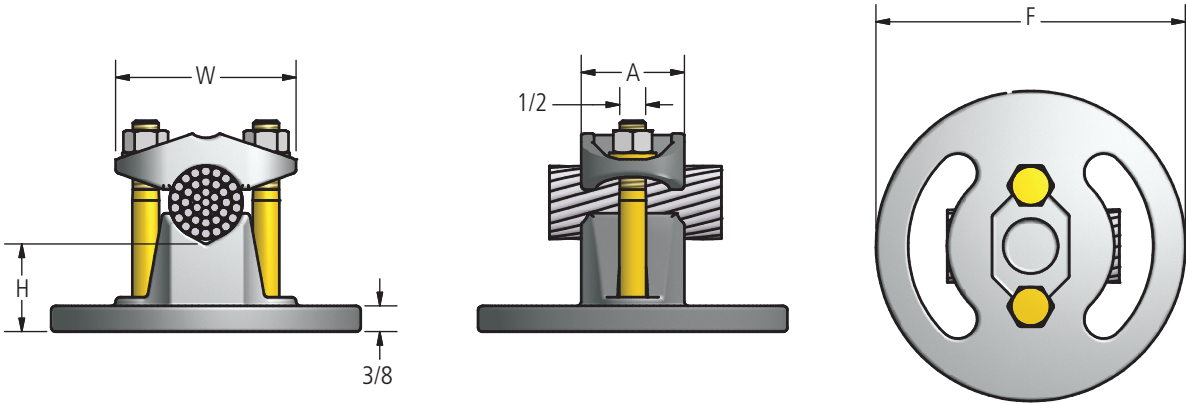
Aluminum Alloy

Hardware

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

Notes

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



Ordering Information

CATALOG NUMBER	CONDUCTOR RANGE		SPS/EHPS		DIAMETER		BOLT CIRCLE	DIMENSIONS IN INCHES			
	MIN	MAX	MIN	MAX	MIN	MAX		A	F	H	W
PSRE75-3-AA	#2 STR	800 MCM	1/2	3/4	1/4	1 1/16	3	1 1/2	4 1/4	1	2 13/16
PSRE75-5-AA	#2 STR	800 MCM	1/2	3/4	1/4	1 1/16	5	1 1/2	6 1/4	1	2 13/16
PSRE125-3-AA	556.5 MCM	2000 MCM	3/4	1 1/4	13/16	1 11/16	3	1 3/4	4 1/4	1	3 7/16
PSRE125-5-AA	556.5 MCM	2000 MCM	3/4	1 1/4	13/16	1 11/16	5	1 3/4	6 1/4	1	3 7/16
PSRE159-3-AA	1/0 STR	1590 MCM	1/2	1	3/8	1 5/11	3	1 5/8	4 1/4	1 5/8	2 3/4
PSRE159-5-AA	1/0 STR	1590 MCM	1/2	1	3/8	1 5/11	5	1 5/8	6 1/4	1 5/8	2 3/4
PSRE159-7-AA	1/0 STR	1590 MCM	1/2	1	3/8	1 5/11	7	1 5/8	8 1/2	1 5/8	2 3/4
PSRE200-3-AA	2000 MCM	3500 MCM	1 1/4	2	1 5/8	2 3/8	3	1 3/4	4 1/4	1	4 1/8
PSRE200-5-AA	2000 MCM	3500 MCM	1 1/4	2	1 5/8	2 3/8	5	1 3/4	6 1/4	1	4 1/8