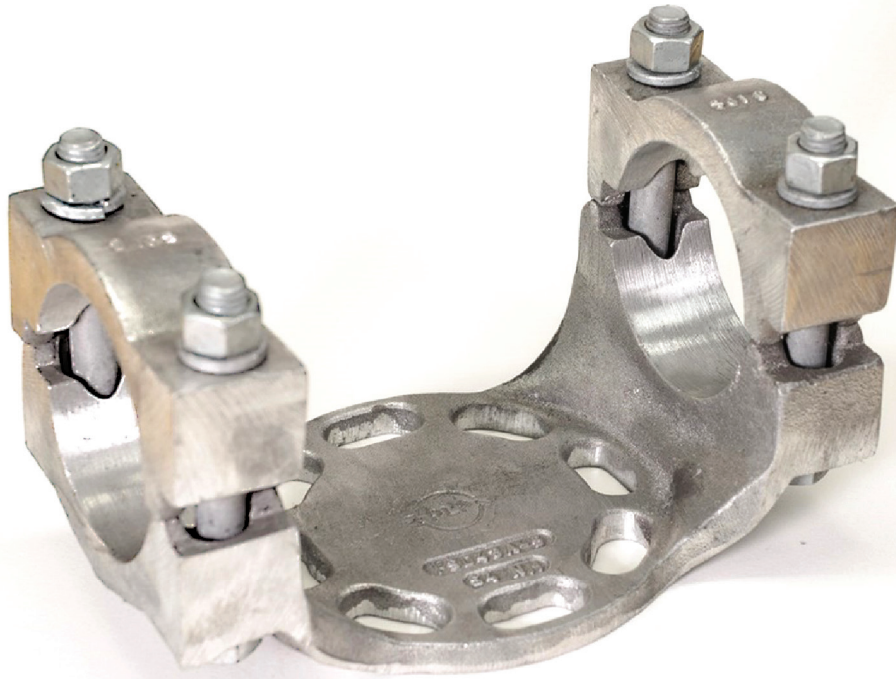
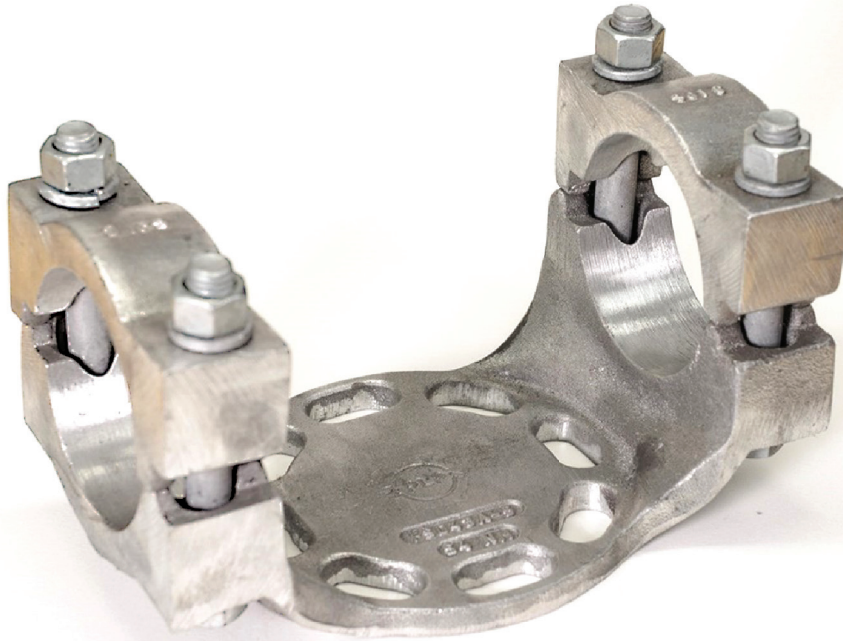




SECTION 6 BUS SUPPORTS

SUBSTATION CONNECTORS - 230KV AND BELOW



BUS SUPPORTS

PLP **Substation Connectors Bus Supports** for 230kV and below are designed to support bus tube or stranded conductor on a post insulator or other primary equipment. These are mechanical supports, not current carrying. All contact faces are manufactured to maximize contact surface area and provide a superior installed fit.

FEATURES AND BENEFITS

- Complete range of sizes for connecting most standard bus tube or stranded conductor
- Solutions for bolted, compression, and weldment applications
- Designed to standard 3", 5", and 7" bolt patterns
- Available in aluminum and bronze, with tin plating capabilities for both materials
- Custom design solutions available to secure your most challenging connections

FSD-A

Aluminum Bolted Bus Support Tube to Insulator, Double Support 230kV and Below

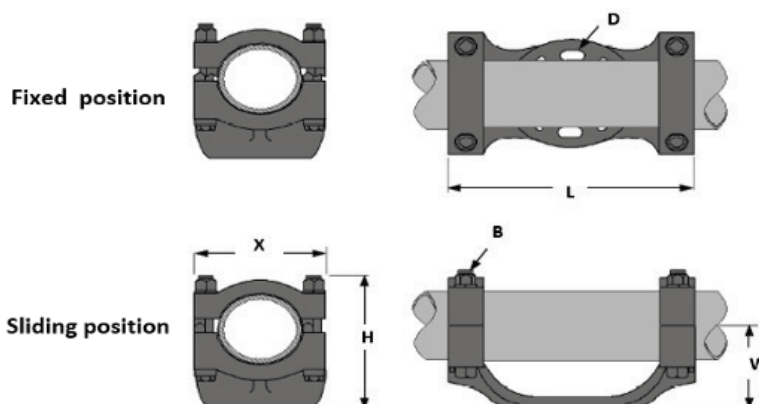
Aluminum alloy double support for bus tube.
180° rotation of the caps allow for fixed or sliding position. Electrical joint compound is recommended for all tube contact surfaces.

CASTINGS: Aluminum Alloy

ASSEMBLY HARDWARE: Galvanized Steel
Mounting Hardware is NOT included

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

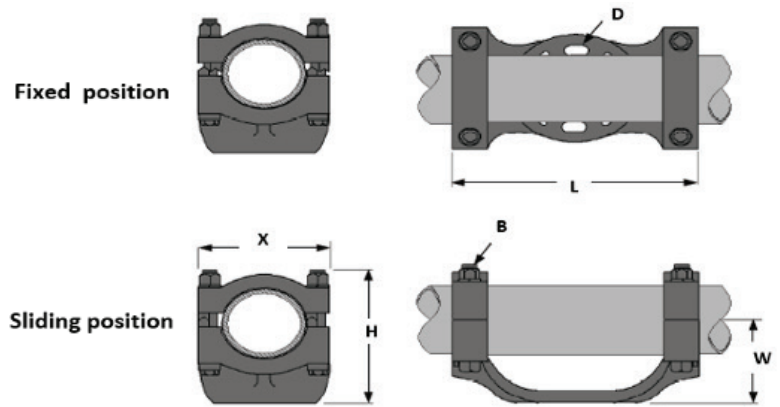
Example: FSD37A-3 with Stainless Steel Hardware
would be FSD37A-3-SS.



Part Number	NPS Tube Diameter	Bolt Circle	Dimensions					
			in (mm)					
	in	in (mm)	D	H	L	B	W	X
FSD37A-3	3/4	3 (76)	.55 (14)	3.43 (87)	8.31 (211)	1/2 (13)	2.01 (51)	2.80 (71)
FSD37A-5	3/4	5 (127)	.67 (17)	3.43 (87)	10.51 (267)	1/2 (13)	2.01 (51)	2.80 (71)
FSD38A-3	1	3 (76)	.55 (14)	4.09 (104)	8.31 (211)	1/2 (13)	2.17 (55)	3.07 (78)
FSD38A-5	1	5 (127)	.67 (17)	3.86 (98)	10.51 (267)	1/2 (13)	2.17 (55)	3.07 (78)
FSD39A-3	1-1/4	3 (76)	.55 (14)	3.86 (98)	8.31 (211)	1/2 (13)	2.20 (56)	3.31 (84)
FSD39A-5	1-1/4	5 (127)	.67 (17)	3.86 (98)	10.51 (267)	1/2 (13)	2.20 (56)	3.31 (84)
FSD40A-3	1-1/2	3 (76)	.55 (14)	4.61 (117)	8.31 (211)	1/2 (13)	2.56 (65)	3.74 (95)
FSD40A-5	1-1/2	5 (127)	.67 (17)	4.61 (117)	10.51 (267)	1/2 (13)	2.56 (65)	3.74 (95)
FSD41A-3	2	3 (76)	.55 (14)	5.63 (143)	8.46 (215)	5/8 (16)	2.76 (70)	4.57 (116)
FSD41A-5	2	5 (127)	.67 (17)	5.63 (143)	10.51 (267)	5/8 (16)	2.76 (70)	4.57 (116)
FSD42A-3	2-1/2	3 (76)	.55 (14)	5.63 (143)	8.46 (215)	5/8 (16)	3.31 (84)	5.08 (129)
FSD42A-5	2-1/2	5 (127)	.67 (17)	5.63 (143)	10.51 (267)	5/8 (16)	2.87 (73)	5.35 (136)
FSD43A-3	3	3 (76)	.55 (14)	6.61 (168)	8.31 (211)	5/8 (16)	3.50 (89)	5.71 (145)
FSD43A-5	3	5 (127)	.67 (17)	6.61 (168)	10.51 (267)	5/8 (16)	3.50 (89)	5.71 (145)
FSD44A-3	3-1/2	3 (76)	.55 (14)	6.93 (176)	8.46 (211)	5/8 (16)	4.00 (102)	6.14 (156)
FSD44A-5	3-1/2	5 (127)	.67 (17)	6.93 (176)	10.51 (267)	5/8 (16)	4.00 (102)	6.14 (156)

FSD-A CONTINUED

Aluminum Bolted Bus Support Tube to Insulator, Double Support 230kV and Below



Part Number	NPS Tube Diameter	Bolt Circle	Dimensions					
			in (mm)					
			D	H	L	B	W	X
FSD45A-3	4	3 (76)	.55 (14)	7.48 (190)	8.46 (215)	5/8 (16)	4.57 (116)	7.01 (178)
FSD45A-5	4	5 (127)	.67 (17)	7.72 (196)	10.51 (267)	5/8 (16)	4.57 (116)	7.01 (178)
FSD46A-3	4-1/2	3 (76)	.55 (14)	8.43 (214)	8.46 (215)	5/8 (16)	4.76 (121)	7.13 (181)
FSD47A-3	5	3 (76)	.55 (14)	8.86 (225)	10.51 (267)	5/8 (16)	5.24 (133)	8.00 (203)
FSD47A-5	5	5 (127)	.67 (17)	8.86 (225)	10.51 (267)	5/8 (16)	5.24 (133)	8.00 (203)
FSD49A-3	6	3 (76)	.55 (14)	10.00 (254)	10.51 (267)	5/8 (16)	5.75 (146)	8.78 (223)
FSD49A-5	6	5 (127)	.67 (17)	10.00 (254)	10.51 (267)	5/8 (16)	5.75 (146)	8.78 (223)

SHG

Aluminum Bolted Bus Support Cable to Insulator 230kV and Below

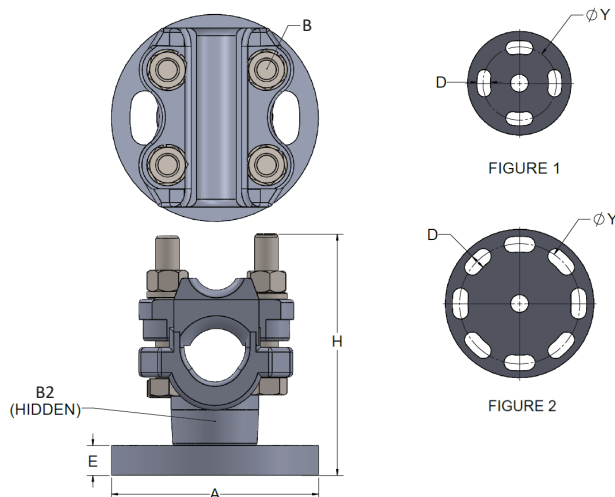
Aluminum alloy bus support for one cable mounted on an insulator bolt circle. Electrical joint compound is recommended for all cable contact surfaces.

CASTINGS: Aluminum Alloy

ASSEMBLY HARDWARE: Galvanized Steel
Mounting Hardware is NOT included

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: SHG21A-3 with Stainless Steel Hardware would be SHG21A-3-SS.



Part Number	Figure	Cable AWG/MCM				Dimensions						
		AAC	AAC Diameter	ACSR	ACSR Diameter	in (mm)						
			in (mm)		in (mm)	A	D	E	H	B	B2	Y
SHG21A-3	1	1/0T - 600*	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	4.37 (111)	0.56 (14)	0.51 (13)	4.33 (110)	1/2 (13)	5/8 (16)	3.00 (76)
SHG21A-5	2	1/0T - 600*	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	6.42 (163)	0.68 (17)	0.51 (13)	4.33 (110)	1/2 (13)	5/8 (16)	5.00 (127)
SHG29A-3	1	600 - 1250	0.893 - 1.289 (22.7 - 32.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	4.37 (111)	0.56 (14)	0.51 (13)	5.12 (130)	1/2 (13)	5/8 (16)	3.00 (76)
SHG29A-5	2	600 - 1250	0.893 - 1.289 (22.7 - 32.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	6.42 (163)	0.68 (17)	0.51 (13)	5.12 (130)	1/2 (13)	5/8 (16)	5.00 (127)
SHG32A-3	1	1250 - 2000	1.289 - 1.632 (32.7 - 41.5)	1113 (54/19) - 1780 (84/19)	1.293 - 1.602 (32.8 - 40.7)	4.37 (111)	0.56 (14)	0.51 (13)	5.43 (138)	5/8 (16)	3/4 (19)	3.00 (76)
SHG32A-5	2	1250 - 2000	1.289 - 1.632 (32.7 - 41.5)	1113 (54/19) - 1780 (84/19)	1.293 - 1.602 (32.8 - 40.7)	6.42 (163)	0.68 (17)	0.51 (13)	5.43 (138)	5/8 (16)	3/4 (19)	5.00 (127)

*S denotes SOLID wire, and T denotes STRANDED wire.

SH2G

Aluminum Bolted Bus Support Two Cables to Insulator 230kV and Below

Aluminum alloy bus support for two cables mounted on an insulator bolt circle. Electrical joint compound is recommended for all cable contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: SH2G21A-3 with Stainless Steel Hardware would be SH2G21A-3-SS.

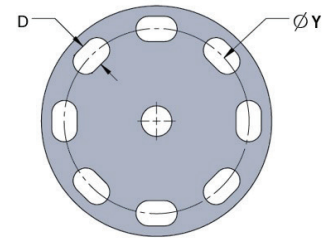
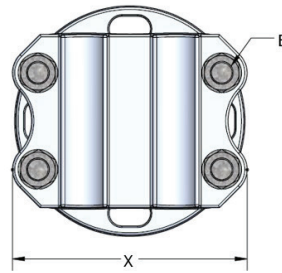


Figure 2

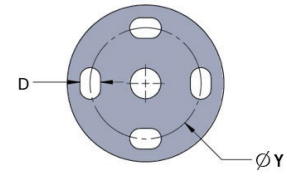
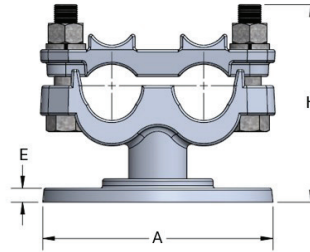


Figure 1

Part Number	Figure	Cable AWG/MCM				Dimensions						
		AAC	AAC Diameter	ACSR	ACSR Diameter	in (mm)						
			in (mm)			A	D	E	H	B	B2	Y
SH2G21A-3	1	1/0T - 600*	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	4.37 (111)	0.56 (14)	0.50 (13)	4.33 (110)	1/2 (13)	4.57 (116)	3.00 (76)
SH2G21A-5	2	1/0T - 600*	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	6.42 (163)	0.68 (17)	0.50 (13)	4.33 (110)	1/2 (13)	4.57 (116)	5.00 (127)
SH2G29A-3	1	600 - 1250	0.893 - 1.289 (22.7 - 32.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	4.37 (111)	0.56 (14)	0.50 (13)	5.12 (130)	1/2 (13)	5.28 (134)	3.00 (76)
SH2G29A-5	2	600 - 1250	0.893 - 1.289 (22.7 - 32.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	6.42 (163)	0.68 (17)	0.50 (13)	5.12 (130)	1/2 (13)	5.28 (134)	5.00 (127)
SH2G32A-3	1	1250 - 2000	1.289 - 1.632 (32.7 - 41.5)	1113 (54/19) - 1780 (84/19)	1.293 - 1.602 (32.8 - 40.7)	4.37 (111)	0.56 (14)	0.50 (13)	5.43 (138)	5/8 (16)	6.34 (161)	3.00 (76)
SH2G32A-5	2	1250 - 2000	1.289 - 1.632 (32.7 - 41.5)	1113 (54/19) - 1780 (84/19)	1.293 - 1.602 (32.8 - 40.7)	6.42 (163)	0.68 (17)	0.50 (13)	5.43 (138)	5/8 (16)	6.34 (161)	5.00 (127)

*S denotes SOLID wire, and T denotes STRANDED wire.

SF

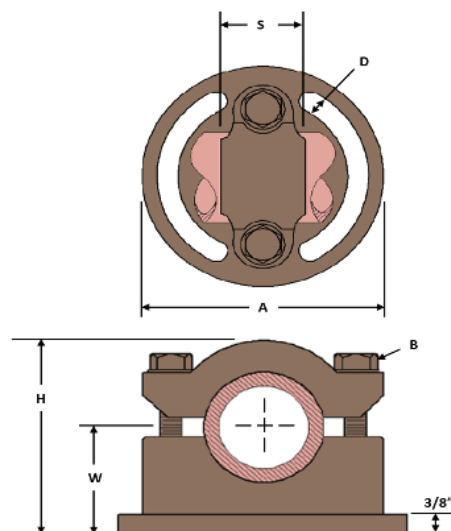
Bronze Bolted Bus Support Tube to Insulator 230kV and Below

Copper alloy bus support for tube. Slotted bolt circle allows for mounting to match desired angle.

CASTINGS: Copper Alloy

ASSEMBLY HARDWARE: Silicon Bronze
Mounting Hardware is NOT included

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	NPS Tube Diameter	Bolt Circle	Dimensions					
			in (mm)					
			A	D	H	S	B	W
SF37-3	3/4	3 (76)	4.25 (108)	.56 (14)	2.95 (75)	1.26 (32)	3/8 (10)	1.89 (48)
SF37-5	3/4	5 (127)	6.46 (164)	.67 (17)	2.95 (75)	1.26 (32)	3/8 (10)	1.89 (48)
SF38-3	1	3 (76)	4.25 (108)	.56 (14)	2.95 (75)	1.26 (32)	3/8 (10)	1.89 (48)
SF38-5	1	5 (127)	6.46 (164)	.67 (17)	2.95 (75)	1.26 (32)	3/8 (10)	1.89 (48)
SF39-3	1-1/4	3 (76)	4.25 (108)	.56 (14)	2.95 (75)	1.61 (41)	1/2 (13)	1.89 (48)
SF39-5	1-1/4	5 (127)	6.46 (164)	.67 (17)	3.23 (82)	1.77 (45)	1/2 (13)	1.89 (48)
SF40-3	1-1/2	3 (76)	4.25 (108)	.56 (14)	3.31 (84)	1.61 (41)	1/2 (13)	1.97 (50)
SF40-5	1-1/2	5 (127)	6.46 (164)	.67 (17)	3.31 (84)	1.61 (41)	1/2 (13)	1.97 (50)
SF41-3	2	3 (76)	4.76 (121)	.56 (14)	4.00 (102)	1.61 (41)	1/2 (13)	2.44 (62)
SF41-5	2	5 (127)	6.46 (164)	.67 (17)	4.00 (102)	1.61 (41)	1/2 (13)	2.44 (62)
SF42-3	2-1/2	3 (76)	4.76 (121)	.56 (14)	4.49 (114)	1.69 (43)	1/2 (13)	2.64 (67)
SF42-5	2-1/2	5 (127)	6.46 (164)	.67 (17)	4.49 (114)	1.69 (43)	1/2 (13)	2.64 (67)
SF43-3	3	3 (76)	4.76 (121)	.56 (14)	4.92 (125)	1.89 (48)	5/8 (16)	2.76 (70)
SF43-5	3	5 (127)	4.76 (121)	.67 (17)	4.92 (125)	1.89 (48)	5/8 (16)	2.76 (70)

SD

Bronze Slide Fit Bus Support

Tube to Insulator

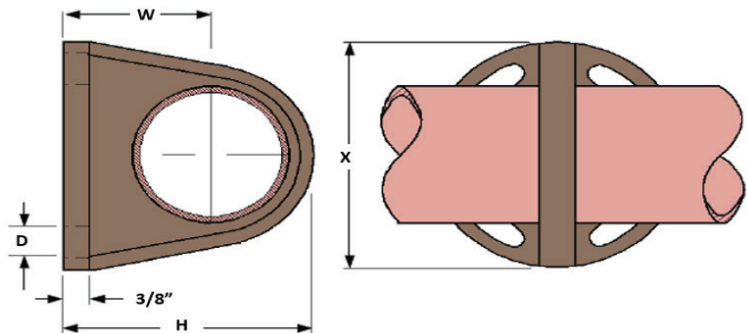
230kV and Below

Copper alloy bus support for tube. Slotted bolt circle allows for mounting to match desired angle.

CASTINGS: Copper Alloy

Mounting Hardware is NOT included

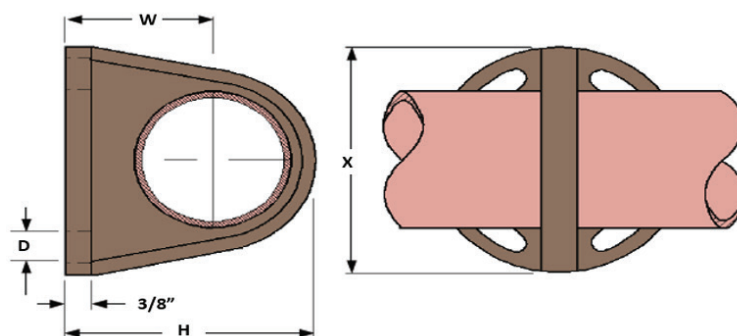
See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	NPS Tube Diameter	Bolt Circle	Dimensions			
			in (mm)			
			D	H	W	X
SD36-3	1/2	3 (76)	.56 (14)	2.76 (70)	4.25 (108)	1.77 (45)
SD36-5	1/2	5 (127)	.67 (17)	3.50 (89)	6.26 (159)	2.52 (64)
SD37-3	3/4	3 (76)	.56 (14)	3.19 (81)	2.01 (51)	4.25 (108)
SD37-5	3/4	5 (127)	.67 (17)	3.94 (100)	2.76 (70)	6.26 (159)
SD38-3	1	3 (76)	.56 (14)	3.39 (86)	2.05 (52)	4.25 (108)
SD38-5	1	5 (127)	.67 (17)	4.13 (105)	2.76 (70)	6.26 (159)
SD39-3	1-1/4	3 (76)	.56 (14)	3.78 (96)	2.24 (57)	4.25 (108)
SD39-5	1-1/4	5 (127)	.67 (17)	4.37 (111)	3.00 (76)	6.26 (159)
SD40-3	1-1/2	3 (76)	.56 (14)	4.17 (106)	2.52 (64)	4.25 (108)
SD40-5	1-1/2	5 (127)	.67 (17)	4.80 (122)	3.27 (83)	6.26 (159)
SD41-3	2	3 (76)	.56 (14)	4.37 (111)	2.48 (63)	4.25 (108)
SD41-5	2	5 (127)	.67 (17)	5.12 (130)	3.27 (83)	6.26 (159)
SD42-3	2-1/2	3 (76)	.56 (14)	5.24 (133)	3.00 (76)	4.25 (108)
SD42-5	2-1/2	5 (127)	.67 (17)	5.98 (152)	3.74 (95)	6.26 (159)
SD43-3	3	3 (76)	.56 (14)	5.67 (144)	3.00 (76)	4.25 (108)

SD CONTINUED

Bronze Slide Fit Bus Support Tube to Insulator 230kV and Below



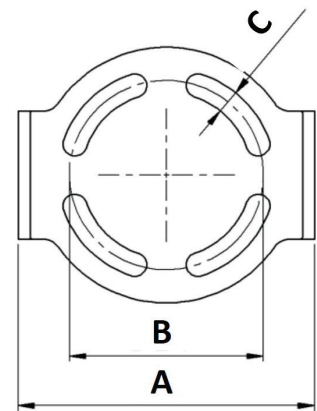
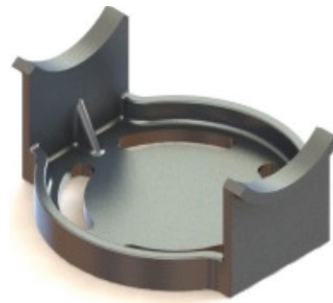
Part Number	NPS Tube Diameter	Bolt Circle	Dimensions			
			in (mm)			
			D	H	W	X
SD43-5	3	5 (127)	.67 (17)	6.42 (163)	3.74 (95)	6.26 (159)
SD44-3	3-1/2	3 (76)	.56 (14)	7.32 (186)	4.25 (108)	4.25 (108)
SD44-5	3-1/2	5 (127)	.67 (17)	7.56 (192)	6.26 (159)	4.49 (114)
SD45-3	4	3 (76)	.56 (14)	7.68 (195)	4.25 (108)	4.25 (108)
SD45-5	4	5 (127)	.67 (17)	7.95 (202)	6.26 (159)	4.49 (114)
SD46-5	4-1/2	5 (127)	.67 (17)	8.46 (215)	6.26 (159)	4.76 (121)

MYSTG

Aluminum Weldment Bus Support Tube to Insulator 230kV and Below

Aluminum alloy support for tube in welded position,
mounted on bolt circle.

CASTINGS: Aluminum Alloy
Mounting Hardware is NOT included



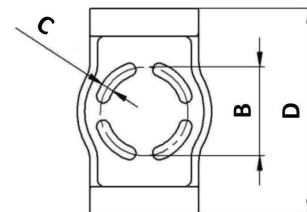
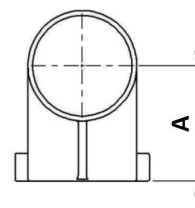
Part Number	NPS Tube Diameter	Bolt Circle	Dimensions		
			in (mm)		
			A	B	C
MYSTG-17A-3-64	1-1/2	3 (76)	5.51 (140)	3.00 (76)	0.55 (14)
MYSTG-18A-3-70	2	3 (76)	5.71 (145)	3.00 (76)	0.55 (14)
MYSTG-18A-5-150		5 (127)	7.48 (190)	5.00 (127)	0.71 (18)
MYSTG-19A-3-95	2-1/2	3 (76)	5.91 (150)	3.00 (76)	0.55 (14)
MYSTG-19A-5-79		5 (127)	7.68 (195)	5.00 (127)	0.71 (18)
MYSTG-20A-3-135	3	3 (76)	5.71 (145)	3.00 (76)	0.55 (14)
MYSTG-20A-5-135		5 (127)	7.28 (185)	5.00 (127)	0.71 (18)
MYSTG-20A-7-135		7 (178)	9.25 (235)	7.00 (178)	0.83 (21)
MYSTG-21A-3-100	3-1/2	3 (76)	5.91 (150)	3.00 (76)	0.55 (14)
MYSTG-21A-5-100		5 (127)	7.48 (190)	5.00 (127)	0.71 (18)
MYSTG-21A-7-100		7 (178)	9.25 (235)	7.00 (178)	0.83 (21)
MYSTG-22A-3-100	4	3 (76)	5.91 (150)	3.00 (76)	0.55 (14)
MYSTG-22A-5-114		5 (127)	7.48 (190)	5.00 (127)	0.71 (18)
MYSTG-22A-7-114		7 (178)	9.25 (235)	7.00 (178)	0.83 (21)
MYSTG-24A-5-114	5	5 (127)	7.48 (190)	5.00 (127)	0.71 (18)
MYSTG-24A-7-127		7 (178)	10.63 (270)	7.00 (178)	0.83 (21)
MYSTG-86A-5-200	6	5 (127)	7.87 (200)	5.00 (127)	0.71 (18)
MYSTG-86A-7-140		7 (178)	9.25 (235)	7.00 (178)	0.83 (21)

MYCSG

Aluminum Weldment Bus Support Tube to Insulator, Weld/Slide 230kV and Below

Aluminum alloy support for tube in sliding or welded position, mounted on bolt circle.

CASTINGS: Aluminum Alloy
Mounting Hardware is NOT included



Part Number	NPS Tube Diameter	Bolt Circle	Dimensions			
			in (mm)			
			A	B	C	D
MYCSG-17A-3-64	1-1/2	3 (76)	2.52 (64)	3.00 (76)	0.55 (14)	7.24 (184)
MYCSG-18A-3-70	2	3 (76)	2.76 (70)	3.00 (76)	0.55 (14)	7.32 (186)
MYCSG-18A-5-70		5 (127)	2.76 (70)	5.00 (127)	0.71 (18)	8.86 (225)
MYCSG-19A-3-100	2-1/2	3 (76)	3.94 (100)	3.00 (76)	0.55 (14)	7.48 (190)
MYCSG-19A-5-80		5 (127)	3.15 (80)	5.00 (127)	0.71 (18)	9.45 (240)
MYCSG-20A-3-100	3	3 (76)	3.94 (100)	3.00 (76)	0.55 (14)	7.56 (192)
MYCSG-20A-5-100		5 (127)	3.94 (100)	5.00 (127)	0.71 (18)	9.37 (238)
MYCSG-20A-7-200		7 (178)	7.87 (200)	7.00 (178)	0.87 (22)	8.82 (224)
MYCSG-21A-3-100	3-1/2	3 (76)	3.94 (100)	3.00 (76)	0.55 (14)	8.66 (220)
MYCSG-21A-5-100		5 (127)	3.94 (100)	5.00 (127)	0.71 (18)	8.66 (220)
MYCSG-21A-7-100		7 (178)	3.94 (100)	7.00 (178)	0.87 (22)	8.66 (220)
MYCSG-22A-3-140	4	3 (76)	5.51 (140)	3.00 (76)	0.55 (14)	7.87 (200)
MYCSG-22A-5-140		5 (127)	5.51 (140)	5.00 (127)	0.71 (18)	9.25 (235)
MYCSG-22A-7-140		7 (178)	5.51 (140)	7.00 (178)	0.87 (22)	9.45 (240)
MYCSG-24A-3-135	5	3 (76)	5.31 (135)	3.00 (76)	0.55 (14)	7.87 (200)
MYCSG-24A-5-130		5 (127)	5.12 (130)	5.00 (127)	0.71 (18)	10.04 (255)
MYCSG-24A-7-135		7 (178)	5.31 (135)	7.00 (178)	0.87 (22)	10.24 (260)
MYCSG-86A-3-140	6	3 (76)	5.51 (140)	3.00 (76)	0.55 (14)	8.86 (225)
MYCSG-86A-5-140		5 (127)	5.51 (140)	5.00 (127)	0.71 (18)	13.39 (340)
MYCSG-86A-7-200		7 (178)	7.87 (200)	7.00 (178)	0.87 (22)	13.98 (355)

MYCSGP

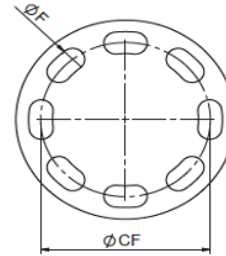
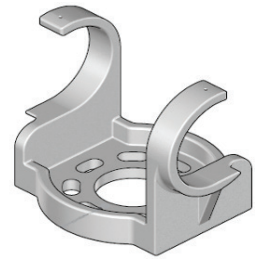
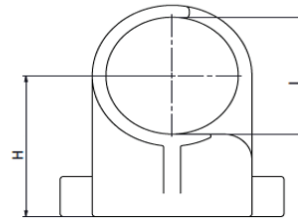
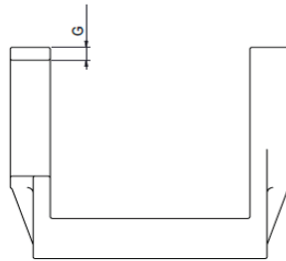
Aluminum Hook-On Bus Support Tube to Insulator 230kV and Below

Aluminum alloy support for tube in sliding or welded position, mounted on bolt circle.

CASTINGS: Aluminum Alloy
Mounting Hardware is NOT included

Static Spring is NOT included unless the -SE order option suffix is added to the end of the part number.

Example: MYCSGP-18A-3-70 with Static Spring
would be MYCSGP-18A-3-70-SE.



Part Number	NPS Tube Diameter	Bolt Circle (CF)	Dimensions			
			in (mm)			
			F	G	H	I
MYCSGP-18A-3-70	2	3 (76)	0.55 (14)	0.47 (12)	2.76 (70)	2.44 (62)
MYCSGP-18A-5-70		5 (127)	0.71 (18)	0.47 (12)	2.76 (70)	2.44 (62)
MYCSGP-19A-3-79	2-1/2	3 (76)	0.55 (14)	0.47 (12)	3.11 (79)	2.95 (75)
MYCSGP-19A-5-79		5 (127)	0.71 (18)	0.47 (12)	3.11 (79)	2.95 (75)
MYCSGP-20A-3-92	3	3 (76)	0.55 (14)	0.47 (12)	3.62 (92)	3.54 (90)
MYCSGP-30A-5-92		5 (127)	0.71 (18)	0.47 (12)	3.62 (92)	3.54 (90)
MYCSGP-21A-3-102	3-1/2	3 (76)	0.55 (14)	0.47 (12)	4.00 (102)	4.06 (103)
MYCSGP-21A-5-102		5 (127)	0.71 (18)	0.47 (12)	4.00 (102)	4.06 (103)
MYCSGP-22A-3-114	4	3 (76)	0.55 (14)	0.47 (12)	4.50 (114)	4.57 (116)
MYCSGP-22A-5-114		5 (127)	0.71 (18)	0.47 (12)	4.50 (114)	4.57 (116)
MYCSGP-24A-3-127	5	3 (76)	0.55 (14)	0.47 (12)	5.00 (127)	5.63 (143)
MYCSGP-24A-5-127		5 (127)	0.71 (18)	0.47 (12)	5.00 (127)	5.63 (143)
MYCSGP-86A-3-140	6	3 (76)	0.55 (14)	0.47 (12)	5.50 (140)	6.69 (170)
MYCSGP-86A-5-140		5 (127)	0.71 (18)	0.47 (12)	5.50 (140)	6.69 (170)
MYCSGP-86A-7-140		7 (178)	0.87 (22)	0.47 (12)	5.50 (140)	6.69 (170)