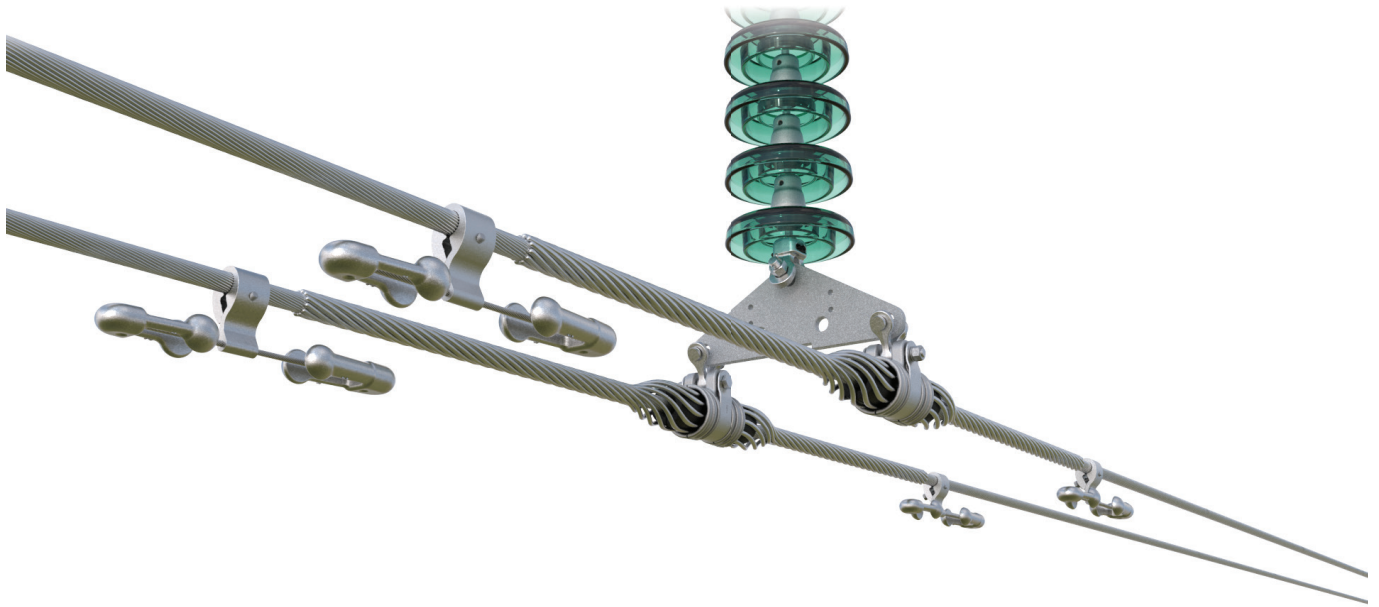




PRODUCT CATALOG



TRANSMISSION LINE SUSPENSION & SUPPORT

Suspensions & Supports | Conductor Protection & Repair | High-Temperature Hardware



ABOUT PLP

PLP protects the world's most critical connections by creating stronger and more reliable networks. Our precision-engineered solutions are trusted by energy and communications providers worldwide to perform better and last longer. With offices and manufacturing facilities in over 20 countries, PLP works as a united global corporation, delivering high-quality products and unparalleled service to customers around the world.





SALES CONTACTS



**ELECTRIC UTILITY
SALES**

CUSTOMER SUPPORT

U.S. SUPPORT

Tel: 440.461.5200

Fax: 440.442.8816

Email: info@plp.com

INTERNATIONAL SUPPORT

Email: international@plp.com

CONTENTS

TRANSMISSION LINE SUSPENSION AND SUPPORT

Armor Rods..... 6

Aluminum Suspension (ALS) Clamp20

CUSHION-GRIP® Suspension28

CUSHION-GRIP® Suspension - HT250.....36

CUSHION-GRIP® Support.....42

CUSHION-GRIP® Suspension for OHSW.....46

CUSHION-GRIP® Twisted Pair Suspension.....50

CUSHION-GRIP® Twisted Pair Support56

ARMOR-GRIP® Suspension60

ARMOR-GRIP® Suspension for OHSW.....76

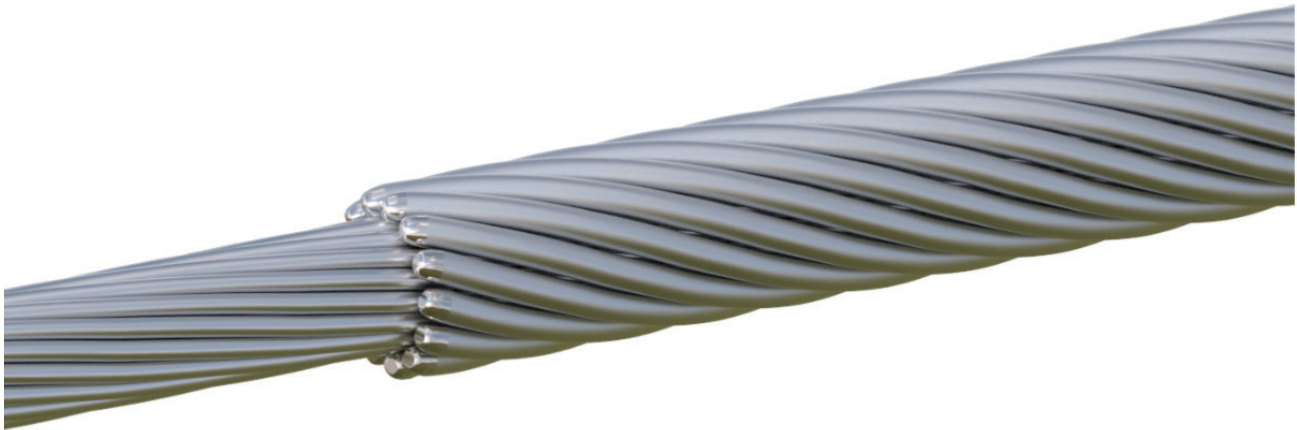
ARMOR-GRIP® Support.....82

THERMOLIGN® Suspension.....88

THERMOLIGN® Support96

THERMOLIGN® Dead-End 100

THERMOLIGN® Splice 104



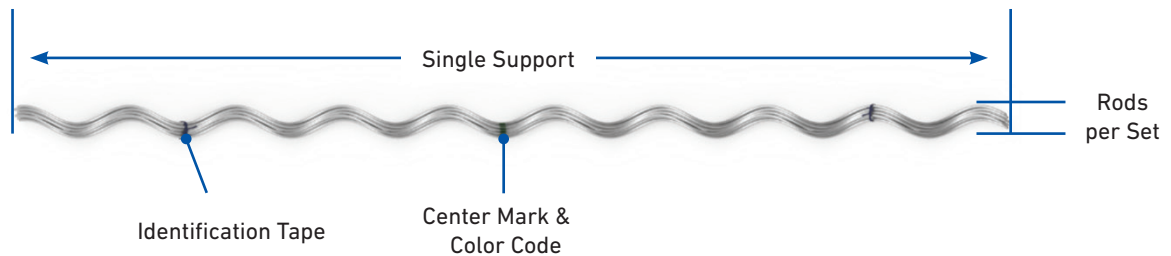
ARMOR RODS

Armor Rods are specially designed to offer protection to conductors. Armor Rods safeguard against static and dynamic bending stresses and compression stress, abrasion, and flash-over. They can also be used for repair applications. Armor Rods are recommended as minimum protection for clamp-type supports or suspensions whereas Line Guards are recommended as minimum protection for hand-tied spans.

FEATURES AND BENEFITS

- Ability to repair damaged conductors
- Color coded for easy identification
- Rated for high-temperature use up to 250°C
- PARROT BILL® Armor Rods suitable for EHV use (345 kV and above)
- Sold in sets for the appropriate conductor application

COMPONENTS



Armor Rods

Characteristic	Specification
Single Support and Double Support Length	Identified by "S" and "D" appearing in the length column on the catalog page. Should the maximum distance between tied supports exceed 12" on double crossarm construction, consult PLP.
Rod Diameter	Adds to conductor O.D., used to arrive at applied overall diameter
Rods per Set	Indicates the proper number of rods for each application. Armor Rods are sold in sets.
Center Mark	Establishes alignment of rods during application.
Color Code	Assists in identification of conductor size, corresponding to tabular information appearing on catalog page.

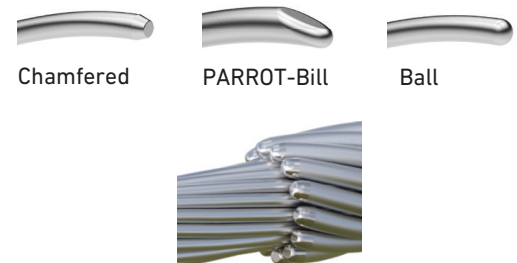
DESIGN INFORMATION

PARROT-BILL® Ends

To meet the corona onset and RIV requirements for most extra high-voltage applications (345 kV and higher applications), PARROT-BILL Ends are to be used instead of the standard ball-end rods. Consult PLP for questions on EHV applications.

Rod End Treatment

Application-specific rod end options help maximize durability and strength



O.D. CALCULATIONS

Applied overall diameter computed as follows:

The rod diameter can be obtained from the catalog page tables. Conductor/Strand O.D. can be found in the Conductor Chart, General Information section.

Rod Diameter	$0.167" \times 2 = 0.334"$
Conductor Diameter	$+ 0.398"$
Total Applied O.D.	$0.732"$

Thermal Rating (Continuous) within a high-temperature Suspension Clamp: 250°C

ACSS Repair: 250°C

ACRS Repair: 125°C



Aluminum

For use on ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC Compacted All-Aluminum, ACAR, ACSS (AW & TW)

Catalog Number	EHV Armor Rod Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
					lb (kg)				
		in	mm	Per Carton		in (m)	in (mm)		
AR-0106		0.194 - 0.207	4.92 - 5.56	100	35 (15.9)	[S] 40 (1.02) [D] 52 (1.32)	0.121 (3.07)	7	Blue
AR-0306				100	45 (20.4)				
AR-0107		0.208 - 0.219	5.28 - 5.56	100	35 (15.9)	[S] 40 (1.02) [D] 52 (1.32)	0.121 (3.07)	7	Black
AR-0307				100	45 (20.4)				
AR-0108		0.220 - 0.228	5.58 - 5.79	100	40 (18.1)	[S] 40 (1.02) [D] 52 (1.32)	0.121 (3.07)	8	White
AR-0308				100	51 (23.1)				
AR-0109		0.229 - 0.243	5.82 - 6.17	100	40 (18.1)	[S] 40 (1.02) [D] 52 (1.32)	0.121 (3.07)	8	Brown
AR-0309				100	51 (23.1)				
AR-0110		0.244 - 0.259	6.20 - 6.58	50	25 (11.3)	[S] 40 (1.02) [D] 52 (1.32)	0.146 (3.71)	7	Orange
AR-0310				50	32 (14.5)				
AR-0111		0.260 - 0.273	6.60 - 6.93	50	26 (11.8)	[S] 42 (1.07) [D] 54 (1.37)	0.146 (3.71)	7	Green
AR-0311				50	34 (15.4)				
AR-0112		0.274 - 0.289	6.96 - 7.34	50	30 (13.6)	[S] 42 (1.07) [D] 54 (1.37)	0.146 (3.71)	7	Yellow
AR-0312				50	38 (17.2)				
AR-0113		0.290 - 0.308	7.37 - 7.82	50	30 (13.6)	[S] 42 (1.07) [D] 54 (1.37)	0.146 (3.71)	8	Purple
AR-0313				50	38 (17.2)				
AR-0114		0.309 - 0.326	7.85 - 8.28	50	32 (14.5)	[S] 44 (1.04) [D] 56 (1.42)	0.136 (3.45)	9	Red
AR-0314				50	40 (18.1)				
AR-0115		0.327 - 0.346	8.29 - 8.79	50	38 (17.2)	[S] 46 (1.17) [D] 58 (1.47)	0.146 (3.71)	9	Blue
AR-0315				50	46 (20.9)				
AR-0116		0.347 - 0.366	8.80 - 9.30	50	40 (18.1)	[S] 48 (1.22) [D] 60 (1.52)	0.146 (3.71)	9	Green
AR-0316				50	49 (22.2)				
AR-0117		0.367 - 0.389	9.31 - 9.88	50	45 (20.4)	[S] 50 (1.27) [D] 62 (1.57)	0.146 (3.71)	10	Black
AR-0317				50	55 (24.9)				

Right-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.

Reference O.D. calculations for: Applied O.D. calculations.

AWAC is a registered trademark of the Copperweld Co.

Aluminum

For use on ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC Compacted All-Aluminum, ACAR, ACSS (AW & TW)

Catalog Number	EHV Armor Rod Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
					lb (kg)				
		in	mm	Per Carton		in (m)	in (mm)		
AR-0118		0.390 - 0.413	9.89 - 10.49	50	55 (24.9)	[S] 52 (1.32) [D] 64 (1.63)	0.167 (4.24)	9	Yellow
AR-0318				50	67 (30.4)				
AR-0119		0.414 - 0.436	10.50 - 11.07	50	48 (21.8)	[S] 52 (1.32) [D] 64 (1.63)	0.146 (3.71)	10	Brown
AR-0319				50	58 (26.3)				
AR-0120		0.437 - 0.463	11.08 - 11.76	50	64 (29.0)	[S] 54 (1.37) [D] 66 (1.68)	0.167 (4.24)	10	Blue
AR-0320				50	76 (34.5)				
AR-0121		0.464 - 0.490	11.77 - 12.45	50	64 (29.0)	[S] 54 (1.37) [D] 66 (1.68)	0.167 (4.24)	10	Green
AR-0321				50	76 (34.5)				
AR-0122		0.491 - 0.521	12.46 - 13.23	25	37 (16.8)	[S] 56 (1.42) [D] 68 (1.73)	0.167 (4.24)	11	Orange
AR-0322				25	46 (20.9)				
AR-0123		0.522 - 0.551	13.24 - 14.00	25	38 (17.2)	[S] 58 (1.47) [D] 70 (1.78)	0.167 (4.24)	11	Black
AR-0323				25	46 (20.9)				
AR-0124		0.552 - 0.585	14.01 - 14.86	25	46 (20.9)	[S] 60 (1.52) [D] 72 (1.83)	0.182 (4.62)	11	Red
AR-0324				25	55 (24.9)				
AR-0125		0.586 - 0.606	14.87 - 15.39	25	52 (53.6)	[S] 62 (1.57) [D] 74 (1.88)	0.182 (4.62)	12	Black
AR-0325				25	61 (27.7)				
AR-0126		0.607 - 0.630	15.40 - 16.00	25	54 (24.5)	[S] 64 (1.63) [D] 76 (1.93)	0.182 (4.62)	12	Purple
AR-0326				25	63 (28.6)				
AR-0127		0.631 - 0.655	16.01 - 16.64	25	54 (24.5)	[S] 64 (1.63) [D] 76 (1.93)	0.182 (4.62)	12	Yellow
AR-0327				25	63 (28.6)				
AR-0128		0.656 - 0.679	16.65 - 17.25	18	43 (19.5)	[S] 66 (1.68) [D] 78 (1.98)	0.182 (4.62)	13	Brown
AR-0328				18	51 (23.1)				
AR-0129		0.680 - 0.703	17.26 - 17.86	18	52 (23.6)	[S] 68 (1.73) [D] 80 (2.03)	0.204 (5.18)	12	Blue
AR-0329				18	60 (27.2)				

Right-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.
Reference O.D. calculations for: Applied O.D. calculations.
AWAC is a registered trademark of the Copperweld Co.



Aluminum

For use on ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC Compacted All-Aluminum, ACAR, ACSS (AW & TW)

Catalog Number	EHV Armor Rod Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
		in	mm		lb (kg)				
AR-0130		0.704 - 0.740	17.87 - 18.80	18	54 (24.5)	[S] 72 (1.83) [D] 84 (2.13)	0.204 (5.18)	12	Green
AR-0342				18	64 (29.0)				
AR-0131		0.741 - 0.782	18.1 - 19.86	18	59 (26.8)	72 (1.83)	0.204 (5.18)	13	Orange
AR-0132		0.783 - 0.814	19.87 - 20.68	15	66 (29.9)	76 (1.93)	0.250 (6.35)	11	Purple
AR-0133		0.815 - 0.845	20.69 - 21.46	15	66 (29.9)	76 (1.93)	0.250 (6.35)	11	Red
AR-0134		0.846 - 0.907	21.47 - 23.04	15	74 (33.6)	78 (1.98)	0.250 (6.35)	12	Blue
AR-0135		0.908 - 0.929	23.05 - 23.60	12	66 (29.9)	80 (2.03)	0.250 (6.35)	13	Green
AR-0136		0.930 - 0.976	23.61 - 24.79	12	72 (32.7)	88 (2.24)	0.250 (6.35)	13	White
AR-0137	AR-0500	0.977 - 1.016	24.80 - 25.81	9	50 (22.7)	92 (2.34)	0.310 (7.87)	11	Yellow
AR-0138	AR-0501	1.017 - 1.035	25.82 - 26.29	6	55 (24.9)	94 (2.39)	0.310 (7.87)	12	Brown
AR-0139	AR-0502	1.036 - 1.064	26.30 - 27.03	6	56 (25.4)	96 (2.44)	0.310 (7.87)	12	Blue
AR-0140	AR-0503	1.065 - 1.098	27.04 - 27.89	6	56 (25.4)	96 (2.44)	0.310 (7.87)	12	Green
AR-0141	AR-0504	1.099 - 1.139	27.90 - 28.93	6	62 (28.1)	100 (2.54)	0.310 (7.87)	13	Orange
AR-0142	AR-0505	1.140 - 1.161	28.94 - 29.49	6	63 (28.6)	100 (2.54)	0.310 (7.87)	13	Purple
AR-0143	AR-0506	1.162 - 1.208	29.50 - 30.68	6	69 (31.3)	100 (2.54)	0.310 (7.87)	13	Red
AR-0144	AR-0507	1.209 - 1.269	30.69 - 32.23	6	81 (36.7)	100 (2.54)	0.365 (9.27)	12	Black
AR-0145	AR-0508	1.270 - 1.327	32.24 - 33.71	6	81 (36.7)	100 (2.54)	0.365 (9.27)	12	White
AR-0146	AR-0509	1.328 - 1.390	33.72 - 35.31	3	45 (20.4)	100 (2.54)	0.365 (9.27)	13	Yellow
AR-1047	AR-0510	1.391 - 1.440	35.32 - 36.58	3	54 (24.5)	100 (2.54)	0.436 (11.07)	11	Brown
AR-0163	AR-0511	1.441 - 1.508	36.59 - 38.30	3	58 (26.3)	100 (2.54)	0.436 (11.07)	12	Blue
AR-0164	AR-0512	1.509 - 1.578	38.31 - 40.08	3	58 (26.3)	100 (2.54)	0.436 (11.07)	12	Green
AR-0165	AR-0513	1.579 - 1.651	40.09 - 41.64	3	60 (27.2)	100 (2.54)	0.436 (11.07)	13	Orange

Right-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.

Reference O.D. calculations for: Applied O.D. calculations.

AWAC is a registered trademark of the Copperweld Co.

Aluminum

For use on ACSR, Compacted ACSR, Aluminum Alloy All-Aluminum, AWAC Compacted All-Aluminum, ACAR, ACSS (AW & TW)

Catalog Number	EHV Armor Rod Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
					lb (kg)				
		in	mm		Per Carton	in (m)	in (mm)		
AR-0166	AR-0514	1.652 - 1.728	41.65 - 43.89	3	60 (27.2)	100 (2.54)	0.436 (11.07)	13	Purple
AR-0167	AR-0516	1.729 - 1.809	43.90 - 45.95	3	64 (29.0)	100 (2.54)	0.436 (11.07)	14	Red
AR-0168	AR-0517	1.810 - 1.898	45.96 - 48.21	3	64 (29.0)	100 (2.54)	0.436 (11.07)	14	Black
AR-0169	AR-0518	1.899 - 1.991	48.22 - 50.57	3	68 (30.8)	100 (2.54)	0.436 (11.07)	15	White
AR-0170	AR-0519	1.992 - 2.090	50.58 - 53.09	3	68 (30.8)	100 (2.54)	0.436 (11.07)	15	Yellow
AR-0171	AR-0520	2.091 - 2.193	53.10 - 55.70	3	80 (36.3)	100 (2.54)	0.468 (11.89)	15	Brown



Aluminum-Clad Steel

For use on Aluminum-Clad Steel Strands

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-2113	0.169 - 0.178	4.29 - 4.52	50	32 (14.5)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Orange
AR-2331			50	40 (18.1)				
AR-2116	0.196 - 0.207	4.98 - 5.56	50	32 (14.5)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Black
AR-2313			50	40 (18.1)				
AR-2118	0.218 - 0.225	5.54 - 5.72	50	36 (16.3)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	8	Green
AR-2318			50	46 (20.9)				
AR-2120	0.237 - 0.249	6.02 - 6.32	50	40 (18.1)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	9	Yellow
AR-2320			50	51 (23.1)				
AR-2122	0.264 - 0.277	6.71 - 7.04	25	28 (12.7)	[S] 42 (1.07) [D] 54 (1.37)	0.114 (2.90)	9	Blue
AR-2322			25	35 (15.9)				
AR-2124	0.296 - 0.314	7.52 - 7.98	25	30 (13.6)	[S] 46 (1.17) [D] 58 (1.47)	0.114 (2.90)	9	Black
AR-2324			25	37 (16.8)				
AR-2126	0.334 - 0.352	8.48 - 8.94	25	35 (15.9)	[S] 50 (1.27) [D] 62 (1.57)	0.114 (2.90)	10	Yellow
AR-2326			25	44 (20.0)				
AR-2128	0.373 - 0.392	9.47 - 9.96	25	44 (20.0)	[S] 50 (1.27) [D] 62 (1.57)	0.128 (3.25)	10	Orange
AR-2328			25	54 (25.0)				
AR-2130	0.409 - 0.425	10.39 - 10.80	25	51 (23.1)	[S] 54 (1.37) [D] 66 (1.68)	0.128 (3.25)	11	Black
AR-2330			25	62 (28.1)				
AR-2131	0.426 - 0.452	10.81 - 11.43	25	58 (26.3)	[S] 56 (1.42) [D] 68 (1.73)	0.128 (3.25)	12	Green
AR-2331			25	70 (31.8)				
AR-2133	0.477 - 0.504	12.12 - 12.80	20	54 (25.0)	[S] 56 (1.42) [D] 68 (1.73)	0.144 (3.66)	11	Blue
AR-2333			20	65 (29.5)				

Left-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.
Reference O.D. calculations for: Applied O.D. calculations.

Aluminum-Clad Steel

For use on Aluminum-Clad Steel Strands

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-2135	0.535 - 0.565	13.59 - 14.35	10	40 (18.1)	[S] 60 (1.52) [D] 72 (1.83)	0.162 (4.11)	12	Yellow
AR-2335			10	48 (21.8)				
AR-2137	0.593 - 0.625	15.06 - 15.88	10	46 (20.9)	[S] 60 (1.52) [D] 72 (1.83)	1.83 (46.48)	11	Black
AR-2337			10	56 (25.4)				

Left-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.
Reference O.D. calculations for: Applied O.D. calculations.



Copperweld

For use on Copperweld Strand, Copper, Copperweld/Copper Composite

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-5100	0.160 - 0.168	4.06 - 4.27	50	35 (15.9)	[S] 38 (0.97) [D] 50 (1.27)	0.102 (2.59)	7	Green
AR-5300			50	46 (20.9)				
AR-5101	0.169 - 0.178	4.28 - 4.52	50	37 (16.8)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Red
AR-5301			50	48 (21.8)				
AR-5102	0.179 - 0.188	4.53 - 4.78	50	56 (25.4)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Black
AR-5302			50	72 (32.7)				
AR-5104	0.196 - 0.207	4.98 - 5.26	50	56 (25.4)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Gray
AR-5304			50	72 (32.7)				
AR-5106	0.218 - 0.225	5.54 - 5.72	50	44 (20.0)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	8	Red
AR-5306			50	56 (25.4)				
AR-5107	0.226 - 0.236	5.73 - 5.99	50	44 (20.0)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	8	Black
AR-5307			50	56 (25.4)				
AR-5108	0.237 - 0.249	6.00 - 6.32	50	49 (22.2)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	9	Blue
AR-5308			50	64 (29.0)				
AR-5109	0.250 - 0.263	6.33 - 6.68	50	50 (22.7)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	9	Gray
AR-5309			50	64 (29.0)				
AR-5110	0.264 - 0.277	6.69 - 7.04	50	57 (25.9)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	9	Green
AR-5310			50	65 (29.5)				
AR-5111	0.278 - 0.295	7.05 - 7.49	50	56 (25.4)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	10	Red
AR-5311			50	72 (32.7)				
AR-5112	0.296 - 0.314	7.50 - 7.98	25	35 (15.9)	[S] 44 (1.12) [D] 56 (1.42)	0.114 (2.90)	9	Black
AR-5312			25	44 (20.0)				
AR-5113	0.315 - 0.333	7.99 - 8.46	25	44 (20.0)	[S] 46 (1.17) [D] 58 (1.47)	0.128 (3.25)	9	Blue
AR-5313			25	55 (24.9)				

Left-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.
Reference O.D. calculations for: Applied O.D. calculations.
Copperweld is a registered trademark of the Copperweld Co.

Copperweld

For use on Copperweld Strand, Copper, Copperweld/Copper Composite

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-5114	0.334 - 0.352	8.47 - 8.94	25	46 (20.9)	[S] 48 (1.22) [D] 60 (1.52)	0.128 (3.25)	9	Gray
AR-5314			25	58 (26.3)				
AR-5115	0.353 - 0.372	8.95 - 9.45	25	54 (24.5)	[S] 50 (1.27) [D] 62 (1.57)	0.128 (3.25)	10	Green
AR-5315			25	66 (29.9)				
AR-5116	0.373 - 0.392	9.46 - 9.96	25	62 (28.1)	[S] 52 (1.32) [D] 64 (1.63)	0.144 (3.66)	9	Red
AR-5316			25	76 (34.5)				
AR-5118	0.409 - 0.425	10.39 - 10.80	15	44 (20.0)	[S] 54 (1.37) [D] 66 (1.68)	0.144 (3.66)	10	Blue
AR-5318			15	54 (24.5)				
AR-5119	0.426 - 0.450	10.81 - 11.43	15	55 (24.9)	[S] 54 (1.37) [D] 66 (1.68)	0.162 (4.11)	10	Gray
AR-5319			15	66 (29.9)				
AR-5120	0.451 - 0.476	11.44 - 12.09	15	57 (25.9)	[S] 56 (1.42) [D] 68 (1.73)	0.162 (4.11)	10	Green
AR-5320			15	69 (31.3)				
AR-5121	0.477 - 0.504	12.10 - 12.80	15	62 (28.1)	[S] 56 (1.42) [D] 68 (1.73)	0.162 (4.11)	11	Red
AR-5321			15	75 (34.0)				
AR-5122	0.505 - 0.534	12.81 - 13.56	15	64 (29.0)	[S] 58 (1.47) [D] 70 (1.78)	0.162 (4.11)	11	Black
AR-5322			15	78 (35.4)				
AR-5123	0.535 - 0.565	13.57 - 14.35	10	48 (21.8)	[S] 58 (1.47) [D] 70 (1.78)	0.162 (4.11)	12	Blue
AR-5323			10	58 (26.3)				
AR-5124	0.566 - 0.592	14.36 - 15.04	10	49 (22.2)	[S] 60 (1.52) [D] 72 (1.83)	0.162 (4.11)	12	Gray
AR-5324			10	59 (26.8)				
AR-5125	0.593 - 0.625	15.05 - 15.88	10	53 (24.0)	[S] 60 (1.52) [D] 72 (1.83)	0.162 (4.11)	13	Green
AR-5325			10	63 (28.6)				

Left-hand lay standard

NOTES:

Single Support Length [S] and Double Support Length [D] are described in Components section.

Reference O.D. calculations for: Applied O.D. calculations.

Copperweld is a registered trademark of the Copperweld Co.



Phosphor Bronze

For use on Copper, Copperweld/Copper Composite

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
ARB-1103	0.160 - 0.168	4.06 - 4.27	75	54 (24.5)	[S] 38 (0.97) [D] 50 (1.27)	0.099 (2.51)	7	Green
ARB-1303			75	70 (31.8)				
ARB-1104	0.169 - 0.178	4.28 - 4.52	75	56 (25.4)	[S] 40 (1.02) [D] 52 (1.32)	0.099 (2.51)	7	Red
ARB-1304			75	72 (32.7)				
ARB-1105	0.179 - 0.188	4.53 - 4.78	75	56 (25.4)	[S] 40 (1.02) [D] 52 (1.32)	0.099 (2.51)	7	Black
ARB-1305			75	72 (32.7)				
ARB-1107	0.196 - 0.207	4.98 - 5.26	50	44 (22.0)	[S] 40 (1.02) [D] 52 (1.32)	0.099 (2.51)	8	Gray
ARB-1307			50	56 (25.4)				
ARB-1109	0.218 - 0.225	5.54 - 5.72	50	44 (22.0)	[S] 40 (1.02) [D] 52 (1.32)	0.099 (2.51)	8	Red
ARB-1309			50	56 (25.4)				
ARB-1110	0.226 - 0.236	5.73 - 5.99	50	44 (20.0)	[S] 40 (1.02) [D] 52 (1.32)	0.099 (2.51)	8	Black
ARB-1310			50	56 (25.4)				
ARB-1111	0.237 - 0.249	6.02 - 6.32	50	52 (23.6)	[S] 42 (1.07) [D] 54 (1.37)	0.099 (2.51)	9	Blue
ARB-1311			50	65 (29.5)				
ARB-1112	0.250 - 0.263	6.33 - 6.68	50	52 (23.6)	[S] 42 (1.07) [D] 54 (1.37)	0.099 (2.51)	9	Gray
ARB-1312			50	65 (29.5)				
ARB-1113	0.264 - 0.277	6.69 - 7.04	50	52 (23.6)	[S] 42 (1.07) [D] 54 (1.37)	0.099 (2.51)	9	Green
ARB-1313			50	65 (29.5)				
ARB-1114	0.278 - 0.295	7.05 - 7.49	50	56 (25.4)	[S] 42 (1.07) [D] 54 (1.37)	0.099 (2.51)	10	Red
ARB-1314			50	72 (32.7)				
ARB-1115	0.296 - 0.314	7.50 - 7.98	50	68 (30.8)	[S] 44 (1.12) [D] 56 (1.42)	0.111 (2.82)	9	Black
ARB-1315			50	86 (39.0)				

Left-hand lay standard

NOTE: Single Support Length [S] and Double Support Length [D] are described in Components section.

Reference O.D. calculations for: Applied O.D. calculations.

Copperweld is a registered trademark of the Copperweld Co.

Galvanized Steel

For use on Galvanized Steel with Right-Hand Lay

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-1154	0.244 - 0.259	6.20 - 6.58	50	38 (17.2)	[S] 40 (1.02) [D] 52 (1.32)	0.070 (1.78)	12	Orange
AR-1354			50	48 (21.8)				
AR-1158	0.309 - 0.326	7.85 - 8.28	50	60 (27.2)	[S] 44 (1.12) [D] 56 (1.46)	0.086 (2.18)	12	Red
AR-1358			50	75 (34.0)				
AR-1160	0.347 - 0.373	8.81 - 9.47	50	70 (31.8)	[S] 48 (1.22) [D] 60 (1.52)	0.086 (2.18)	13	Black
AR-1360			50	88 (39.9)				
AR-1162	0.390 - 0.413	9.91 - 10.49	25	50 (22.7)	[S] 52 (1.32) [D] 64 (1.63)	0.100 (2.54)	13	Yellow
AR-1362			25	62 (28.1)				
AR-1164	0.437 - 0.463	11.10 - 11.76	25	70 (31.8)	[S] 54 (1.37) [D] 66 (1.68)	0.119 (3.02)	12	Blue
AR-1364			25	84 (38.1)				
AR-1166	0.491 - 0.521	12.47 - 13.23	20	62 (28.1)	[S] 56 (1.42) [D] 68 (1.73)	0.119 (3.02)	13	Orange
AR-1366			20	75 (34.0)				
AR-1168	0.552 - 0.585	14.02 - 14.86	15	66 (29.9)	[S] 60 (1.52) [D] 72 (1.83)	0.138 (3.51)	13	Red
AR-1368			15	80 (36.3)				

Right-hand lay standard

Galvanized Steel

For use on Galvanized Steel with Left-Hand Lay

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-1123	0.229 - 0.243	5.52 - 6.17	50	37 (16.8)	40 (1.02)	0.086 (2.18)	10	Black
AR-1124	0.244 - 0.259	6.18 - 6.58	50	37 (16.8)	40 (1.02)	0.086 (2.18)	10	Yellow
AR-1128	0.309 - 0.326	7.85 - 8.28	50	60 (27.2)	44 (1.12)	0.100 (2.54)	11	Black
AR-1130	0.347 - 0.373	8.81 - 9.47	50	70 (31.8)	48 (1.22)	0.100 (2.54)	12	Orange
AR-1133	0.414 - 0.436	10.52 - 11.07	20	52 (23.6)	52 (1.32)	0.119 (3.02)	12	Green
AR-3139	0.491 - 0.521	12.47 - 13.23	20	62 (28.1)	56 (1.42)	0.138 (3.51)	12	Blue

Left-hand lay standard

NOTE: Single Support Length [S] and Double Support Length [D] are described in Components section. Reference O.D. calculations for: Applied O.D. calculations.



Copperweld

For use on Copperweld Strand, Copper, Copperweld/Copper Composite

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-5100	0.160 - 0.168	4.06 - 4.27	50	35 (15.9)	[S] 38 (0.97) [D] 50 (1.27)	0.102 (2.59)	7	Green
AR-5300			50	46 (20.9)				
AR-5101	0.169 - 0.178	4.28 - 4.52	50	37 (16.8)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Red
AR-5301			50	48 (21.8)				
AR-5102	0.179 - 0.188	4.53 - 4.78	50	56 (25.4)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Black
AR-5302			50	72 (32.7)				
AR-5104	0.196 - 0.207	4.98 - 5.26	50	56 (25.4)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	7	Gray
AR-5304			50	72 (32.7)				
AR-5106	0.218 - 0.225	5.54 - 5.72	50	44 (20.0)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	8	Red
AR-5306			50	56 (25.4)				
AR-5107	0.226 - 0.236	5.73 - 5.99	50	44 (20.0)	[S] 40 (1.02) [D] 52 (1.32)	0.102 (2.59)	8	Black
AR-5307			50	56 (25.4)				
AR-5108	0.237 - 0.249	6.00 - 6.32	50	49 (22.2)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	9	Blue
AR-5308			50	64 (29.0)				
AR-5109	0.250 - 0.263	6.33 - 6.68	50	50 (22.7)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	9	Gray
AR-5309			50	64 (29.0)				
AR-5110	0.264 - 0.277	6.69 - 7.04	50	57 (25.9)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	9	Green
AR-5310			50	65 (29.5)				
AR-5111	0.278 - 0.295	7.05 - 7.49	50	56 (25.4)	[S] 42 (1.07) [D] 54 (1.37)	0.102 (2.59)	10	Red
AR-5311			50	72 (32.7)				
AR-5112	0.296 - 0.314	7.50 - 7.98	25	35 (15.9)	[S] 44 (1.12) [D] 56 (1.42)	0.114 (2.90)	9	Black
AR-5312			25	44 (20.0)				
AR-5113	0.315 - 0.333	7.99 - 8.46	25	44 (20.0)	[S] 46 (1.17) [D] 58 (1.47)	0.128 (3.25)	9	Blue
AR-5313			25	55 (24.9)				

Left-hand lay standard

NOTES: Single Support Length [S] and Double Support Length [D] are described in Components section.
Reference O.D. calculations for: Applied O.D. calculations.
Copperweld is a registered trademark of the Copperweld Co.

Copperweld

For use on Copperweld Strand, Copper, Copperweld/Copper Composite

Catalog Number	Diameter Range		Units	Weight	Length	Rod Diameter	Rods per Set	Color Code
				lb (kg)				
	in	mm	Per Carton		in (m)	in (mm)		
AR-5114	0.334 - 0.352	8.47 - 8.94	25	46 (20.9)	[S] 48 (1.22) [D] 60 (1.52)	0.128 (3.25)	9	Gray
AR-5314			25	58 (26.3)				
AR-5115	0.353 - 0.372	8.95 - 9.45	25	54 (24.5)	[S] 50 (1.27) [D] 62 (1.57)	0.128 (3.25)	10	Green
AR-5315			25	66 (29.9)				
AR-5116	0.373 - 0.392	9.46 - 9.96	25	62 (28.1)	[S] 52 (1.32) [D] 64 (1.63)	0.144 (3.66)	9	Red
AR-5316			25	76 (34.5)				
AR-5118	0.409 - 0.425	10.39 - 10.80	15	44 (20.0)	[S] 54 (1.37) [D] 66 (1.68)	0.144 (3.66)	10	Blue
AR-5318			15	54 (24.5)				
AR-5119	0.426 - 0.450	10.81 - 11.43	15	55 (24.9)	[S] 54 (1.37) [D] 66 (1.68)	0.162 (4.11)	10	Gray
AR-5319			15	66 (29.9)				
AR-5120	0.451 - 0.476	11.44 - 12.09	15	57 (25.9)	[S] 56 (1.42) [D] 68 (1.73)	0.162 (4.11)	10	Green
AR-5320			15	69 (31.3)				
AR-5121	0.477 - 0.504	12.10 - 12.80	15	62 (28.1)	[S] 56 (1.42) [D] 68 (1.73)	0.162 (4.11)	11	Red
AR-5321			15	75 (34.0)				
AR-5122	0.505 - 0.534	12.81 - 13.56	15	64 (29.0)	[S] 58 (1.47) [D] 70 (1.78)	0.162 (4.11)	11	Black
AR-5322			15	78 (35.4)				
AR-5123	0.535 - 0.565	13.57 - 14.35	10	48 (21.8)	[S] 58 (1.47) [D] 70 (1.78)	0.162 (4.11)	12	Blue
AR-5323			10	58 (26.3)				
AR-5124	0.566 - 0.592	14.36 - 15.04	10	49 (22.2)	[S] 60 (1.52) [D] 72 (1.83)	0.162 (4.11)	12	Gray
AR-5324			10	59 (26.8)				
AR-5125	0.593 - 0.625	15.05 - 15.88	10	53 (24.0)	[S] 60 (1.52) [D] 72 (1.83)	0.162 (4.11)	13	Green
AR-5325			10	63 (28.6)				

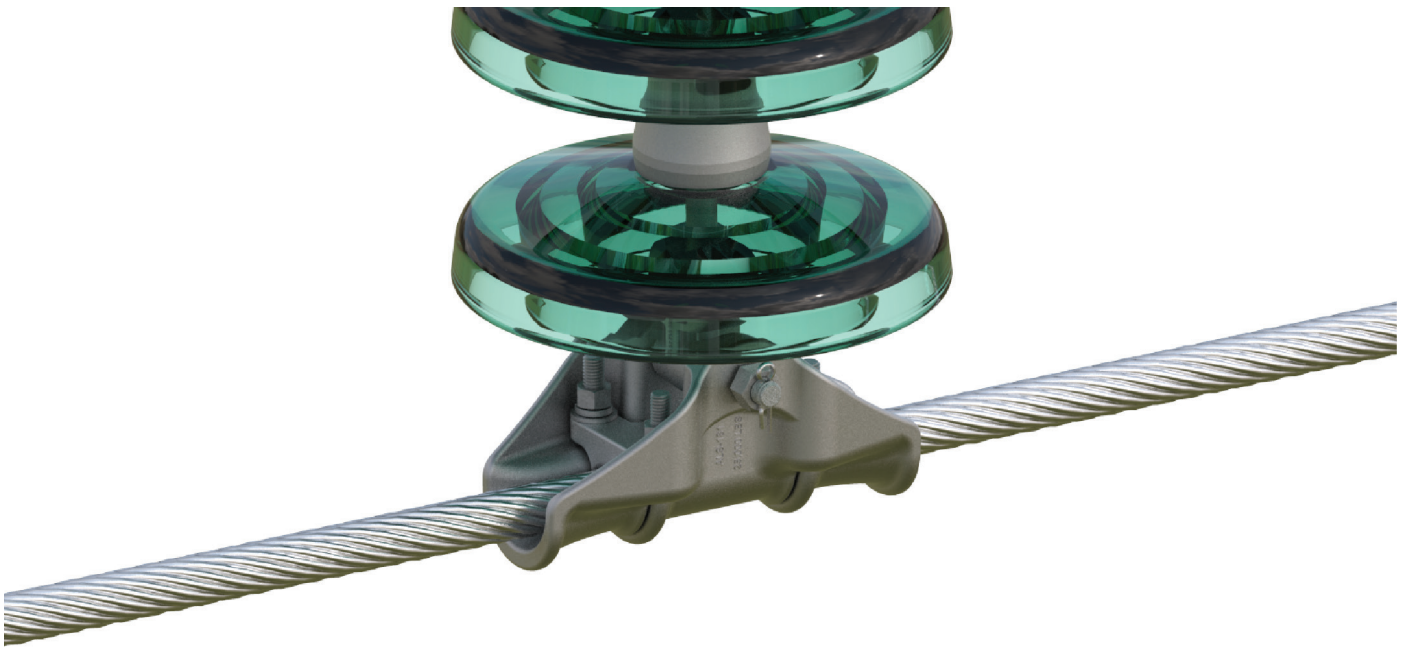
Left-hand lay standard

NOTES:

Single Support Length [S] and Double Support Length [D] are described in Components section.

Reference O.D. calculations for: Applied O.D. calculations.

Copperweld is a registered trademark of the Copperweld Co.



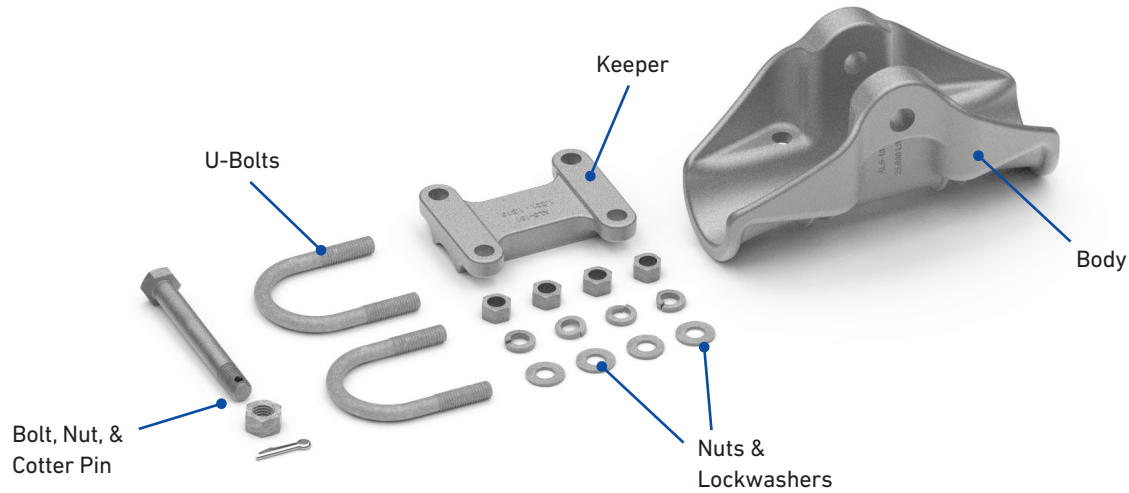
ALUMINUM SUSPENSION CLAMP

Aluminum Suspension (ALS) Clamps are intended for use on all aluminum-based conductors. PLP recommends placing Armor Rods over the conductor at suspension points to minimize the static and dynamic stresses at the ends of the clamp and extend the life of the conductor. The standard ALS Clamps are designed for continuous conductor operating temperatures up to 125°C (150°C for two-hour emergencies) when installed over bare conductor. When installed over Armor Rods, ALS Clamps are rated for continuous conductor operating temperatures of up to 250°C.

FEATURES AND BENEFITS

- Shipped fully assembled with no loose parts to avoid lost hardware
- Aluminum alloy body and keeper
- Galvanized steel hardware
- Compatible with standard attachment hardware
- ALS-122BNK, ALS-181BNK, ALS-238BNK, and ALS-285BNK are designed for EHV operation (contact PLP for more information)
- Bolted clamp-type suspensions and supports on Armor Rods are not recommended for composite core high-temperature, low-sag (HTLS) conductors. Contact PLP for questions about Armor Rods and suspension solutions for HTLS applications.

COMPONENTS



Aluminum Suspension Clamp

Characteristic	Specification
Unbalanced/Slip Load	Minimum of 25% of conductor rated breaking strength
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ratings)
Maximum Line Angle	• ALS-47 and ALS-67: 30-degrees as a single suspension and 60-degrees in a double configuration utilizing a yoke plate • ALS-91, ALS-122BNK, ALS-181BNK, ALS-238BNK, and ALS-285BNK: 35-degrees as a single suspension and 70-degrees in a double configuration utilizing a yoke plate



ORDERING INFORMATION

- Select the appropriate catalog number for the Aluminum Suspension (ALS) Clamp from the table below based on the diameter of the conductor
- For Double ALS suspension applications, order two identical suspensions, a yoke plate, an attachment fitting to connect the yoke plate to the structure, and two identical Clevis Eye fittings to connect the suspensions to the yoke plate
- **NOTE:** ALS-122BNK and up are **ONLY** offered with a bolt, nut, and cotter pin (BNK)

Aluminum Suspension (ALS) Clamp Catalog Number

ALS- X X X
(Section 1) (Section 2) (Section 3)

Catalog Number Example: ALS-181BNKSE

Includes (1) ALS Clamp with Bolt, Nut, and Cotter Pin and Socket Eye fitting.

Section 1

Range Number	Conductor Range		Weight	Standard Carton Quantity	Vertical Ultimate Load
	in	mm	lb (kg)		lbf (kN)
47	0.2 - 0.469	5.1 - 11.9	0.9 (0.4)	3 units	5,000 (22)
67	0.47 - 0.669	11.9 - 17	1.5 (0.7)	3 units	10,000 (44)
91	0.67 - 0.909	17 - 23.1	2.35 (1.0)	3 units	15,000 (67)
122BNK	0.91 - 1.22	23.1 - 31	4.65 (2.1)	3 units	25,000 (111)
181BNK	1.221 - 1.81	31 - 46	5.45 (2.5)	3 units	25,000 (111)
238BNK	1.811 - 2.38	46 - 60.5	6.85 (3.1)	3 units	25,000 (111)
285BNK	2.381 - 2.85	60.5 - 72.4	12.85 (5.8)	3 units	30,000 (133)

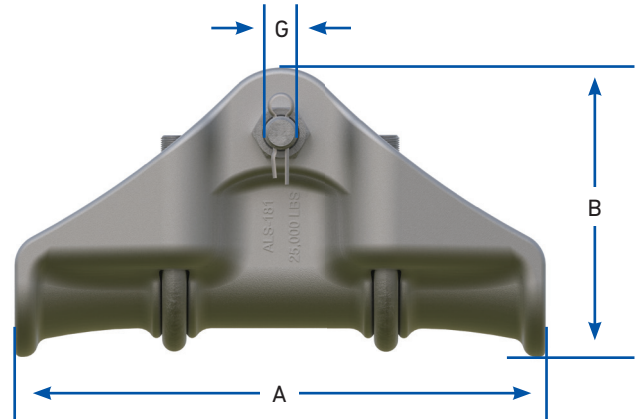
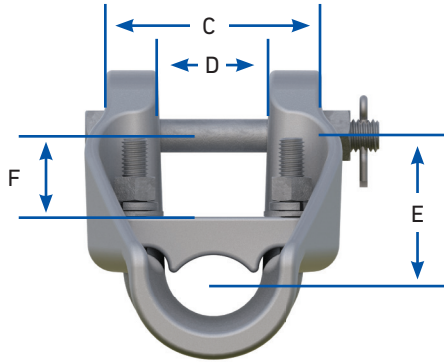
Section 2

Suffix Code	Type
Leave Blank	Standard Clevis Pin and Cotter Pin
BNK	Bolt, Nut, and Cotter Pin

Section 3

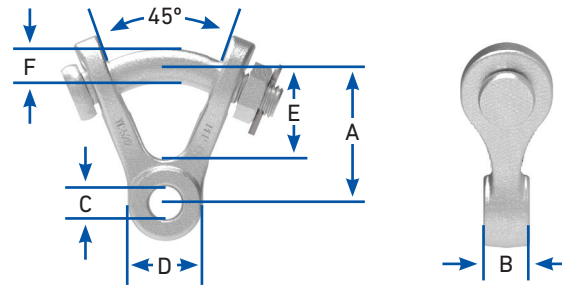
Suffix Code	Type
Leave Blank	No attachment fittings
YC	Includes Y-Clevis Eye
CE	Includes Clevis Eye
SE	Includes Socket Eye

DIMENSIONS



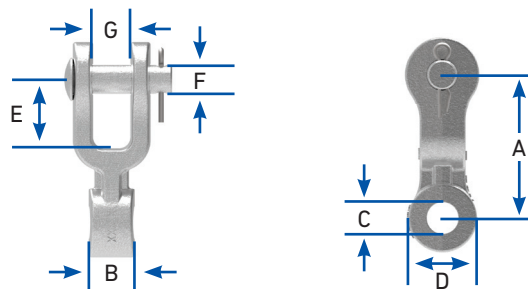
Catalog Number	Dimensions								Vertical Ultimate Load
	in (mm)								lbf (kN)
	A	B	C	D	E	F		G	
						Minimum	Maximum	Pin Diameter	
ALS-47	5.0 (127)	3.1 (78)	1.9 (48.3)	0.75 (19)	1.2 (30.5)	0.94 (23.9)	1.2 (30.5)	5/8 (15.9)	5,000 (22)
ALS-67	6.5 (165)	3.7 (95)	2.4 (61)	0.85 (21.6)	1.9 (48.3)	1.2 (30.5)	1.4 (36.1)	5/8 (15.9)	10,000 (44)
ALS-91	6.5 (165)	4.0 (101)	2.1 (53.3)	1.05 (26.7)	2.3 (58.4)	0.98 (24.9)	1.2 (30.5)	5/8 (15.9)	15,000 (67)
ALS-122BNK	9.0 (228)	5.0 (127)	3.0 (76.2)	1.5 (38.1)	2.5 (63.5)	1.34 (34)	1.65 (41.9)	5/8 (15.9)	25,000 (111)
ALS-181BNK	9.8 (249)	5.4 (136)	3.3 (83.8)	2.0 (50.3)	2.5 (63.5)	0.83 (21)	1.42 (36)	5/8 (15.9)	25,000 (111)
ALS-238BNK	12 (305)	6.2 (157)	4.6 (117)	2.6 (66)	3.0 (76.2)	1.08 (27.5)	1.63 (41.5)	5/8 (15.9)	25,000 (111)
ALS-285BNK	14 (356)	7.2 (183)	5.3 (135)	3.13 (79.5)	3.81 (96.8)	0.96 (24.4)	2.14 (54.4)	3/4 (19.1)	30,000 (133)

HARDWARE FITTINGS



Y-Clevis Eye

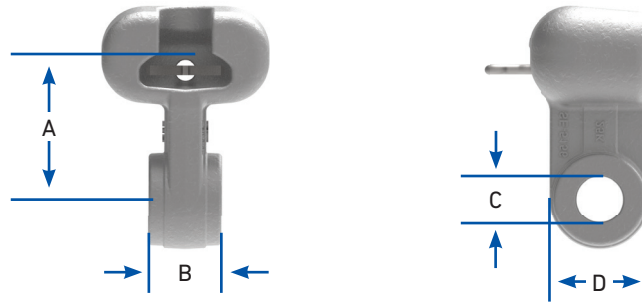
Catalog Number	ALS Clamp	Dimensions						Ultimate Strength	Weight per 100 units
		in (mm)							
		A	B	C	D	E	F	lbf (kN)	lb
YC-9030	ALS-47 ALS-67	2-7/16 (61.9)	5/8 (15.9)	11/16 (17.5)	1-5/8 (41.3)	1-5/8 (41.3)	3/4 (19)	15,000 (67)	120
YC-9031	ALS-91	2-7/16 (61.9)	3/4 (19)	11/16 (17.5)	1-11/16 (42.9)	1-5/8 (41.3)	3/4 (19)	25,000 (111)	130
YC-9032	ALS-122BNK	2-7/16 (61.9)	1-1/4 (32)	11/16 (17.5)	1-11/16 (42.9)	1-5/8 (41.3)	3/4 (19)	25,000 (111)	150
YC-9033	ALS-181BNK	2-7/16 (61.9)	1-3/4 (44.5)	11/16 (17.5)	1-11/16 (42.9)	1-5/8 (41.3)	3/4 (19)	25,000 (111)	170
YC-9034	ALS-238BNK	2-7/16 (61.9)	2-1/4 (57.2)	11/16 (17.5)	2-1/4 (57.2)	1-5/8 (41.3)	3/4 (19)	30,000 (133)	190
YC-6108	ALS-285BNK	2-23/32 (69)	2-3/4 (69.9)	13/16 (20.6)	2-3/4 (69.9)	1-25/32 (45.2)	3/4 (19)	30,000 (133)	261



Clevis Eye

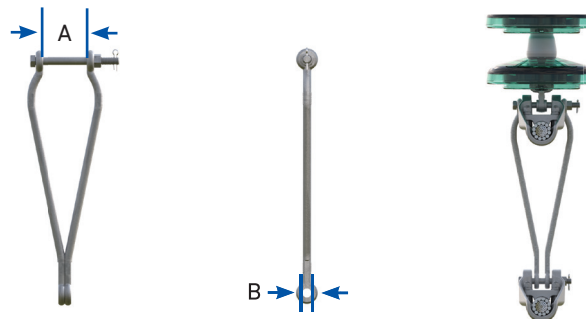
Catalog Number	ALS Clamp	Dimensions							Ultimate Strength	Weight per 100 units
		in (mm)								
		A	B	C	D	E	F	G	lbf (kN)	lb
CE-9109	ALS-47 ALS-67	2-7/8 (73)	5/8 (15.9)	11/16 (17.5)	1-9/16 (39.7)	1-1/4 (32)	5/8 (16)	7/8 (22.2)	15,000 (67)	101
CE-9110	ALS-91	2-7/8 (73)	3/4 (19)	11/16 (17.5)	1-21/32 (42)	1-1/4 (32)	5/8 (16)	7/8 (22.2)	25,000 (111)	106
CE-9111	ALS-122BNK	2-7/8 (73)	1-1/4 (32)	11/16 (17.5)	1-21/32 (42)	1-1/4 (32)	5/8 (16)	7/8 (22.2)	25,000 (111)	127
CE-9112	ALS-181BNK	2-7/8 (73)	1-3/4 (44.5)	11/16 (17.5)	1-21/32 (42)	1-1/4 (32)	5/8 (16)	7/8 (22.2)	25,000 (111)	146
CE-9113	ALS-238BNK	2-7/8 (73)	2-1/4 (57.2)	11/16 (17.5)	1-21/32 (42)	1-1/4 (32)	5/8 (16)	7/8 (22.2)	25,000 (111)	164
CE-6110	ALS-285BNK	2-7/8 (73)	2-3/4 (69.9)	13/16 (20.6)	1-25/32 (45.2)	1-1/4 (32)	5/8 (16)	7/8 (22.2)	30,000 (133)	229

HARDWARE FITTINGS



Socket Eye

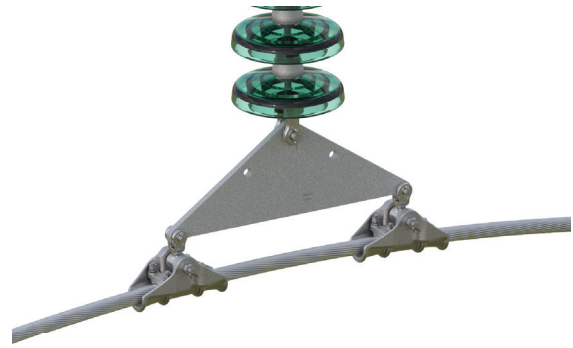
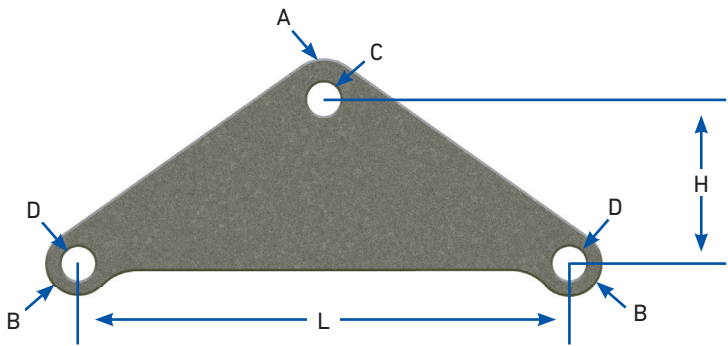
Catalog Number	ALS Clamp	Dimensions				Ultimate Strength	Weight per 100 units	For use with Insulators per ANSI Class Spec C29.2-71
		in (mm)						
		A	B	C	D	lbf (kN)	lb	
SE-9020	ALS-47 ALS-67	1-11/16 (43)	5/8 (15.9)	11/16 (17.5)	1-25/32 (45)	30,000 (133)	145	52-3 & 52-5
SE-9021	ALS-91	1-11/16 (43)	3/4 (19.1)	11/16 (17.5)	1-25/32 (45)	30,000 (133)	151	
SE-9022	ALS-122BNK	1-11/16 (43)	1-1/4 (31.8)	11/16 (17.5)	1-25/32 (45)	30,000 (133)	176	
SE-9023	ALS-181BNK	1-11/16 (43)	1-3/4 (44.5)	11/16 (17.5)	1-25/32 (45)	30,000 (133)	201	
SE-9024	ALS-238BNK	1-11/6 (43)	2-1/4 (57.2)	11/16 (17.5)	1-25/32 (45)	30,000 (133)	224	
SE-6109	ALS-285BNK	2-1/16 (27)	2-3/4 (69.9)	13/16 (20.6)	1-29/32 (48.4)	30,000 (133)	274	



Vertical Bundling Link

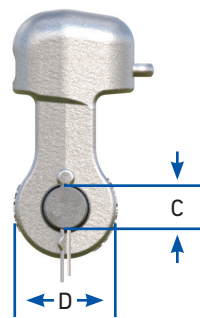
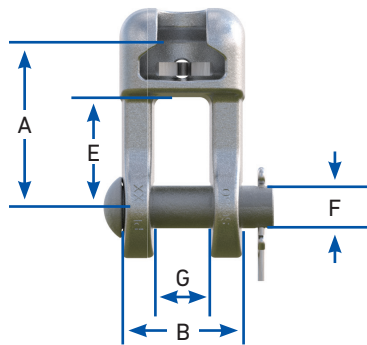
Catalog Number	ALS Clamp	Dimensions					Rated Strength
		in (mm)					lbf (kN)
		Rod Diameter	Bolt Diameter	Center to Center	A	B	
VBL-13	ALS-122BNK	5/8 (15.8)	5/8 (15.8)	18 (457)	3-1/4 (82.6)	11/16 (17.5)	25,000 (111)
VBL-14	ALS-181BNK	5/8 (15.8)	5/8 (15.8)	18 (457)	3-1/2 (88.9)	11/16 (17.5)	25,000 (111)
VBL-15	ALS-238BNK	3/4 (19.1)	5/8 (15.8)	18 (457)	4-5/16 (110)	11/16 (17.5)	30,000 (133)

HARDWARE FITTINGS



Yoke Plate

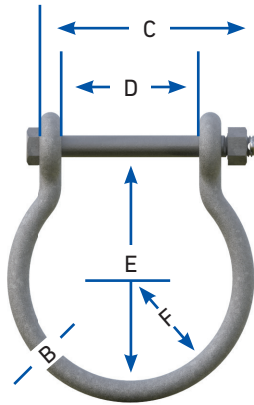
Catalog Number	ALS Clamp	Dimensions						Plate Thickness	Ultimate Strength
		in (mm)							
		A	B	C	D	L	H	in (mm)	lbf (kN)
		Radius	Radius	Diameter	Diameter				
YP-5907	ALS-47	1 (25.4)	13/16 (20.6)	13/16 (20.6)	13/16 (20.6)	12 (305)	4 (101.6)	1/2 (12.7)	30,000 (133)
YP-5908	ALS-67 ALS-91	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	1 (25.4)	18 (457)	6-1/4 (158.8)	5/8 (15.9)	40,000 (178)
YP-5910	ALS-122BNK ALS-181BNK ALS-238BNK	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	1 (25.4)	26 (660)	8-1/2 (215.9)	3/4 (19.1)	50,000 (222)
YP-5956	ALS-285BNK	1-1/2 (38.1)	1 (25.4)	1-1/4 (31.8)	1-1/4 (31.8)	42 (1067)	13 (330.2)	1-1/4 (31.8)	72,000 (320)



Socket Clevis

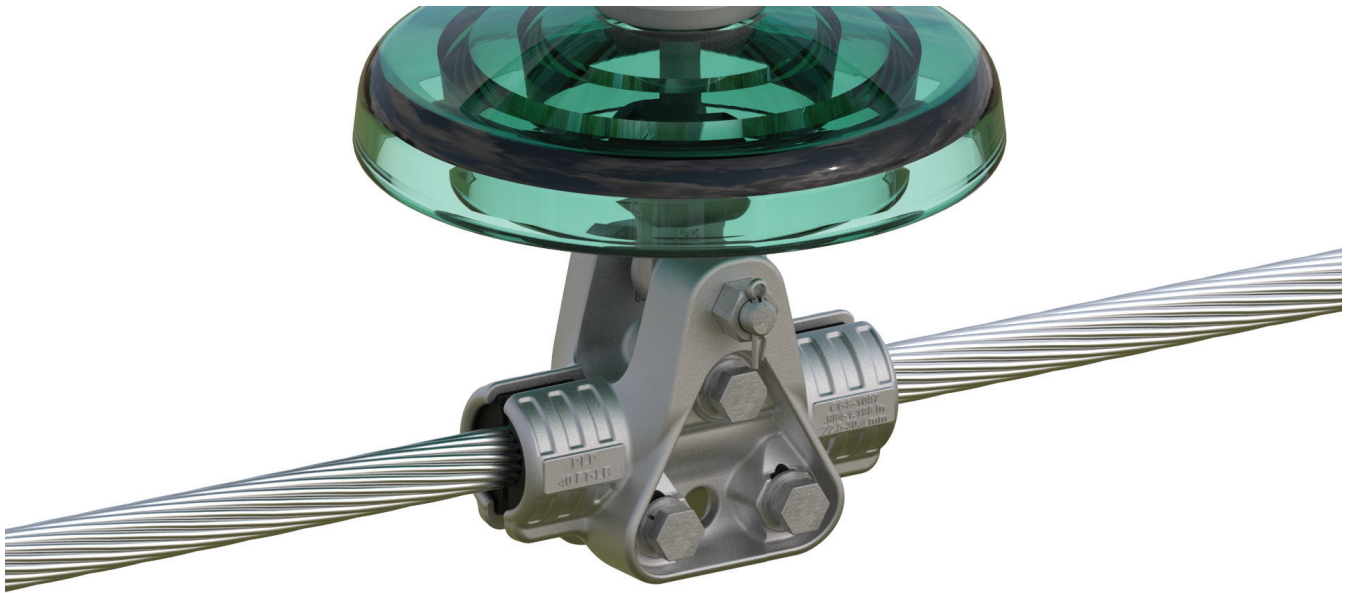
Catalog Number	Dimensions							Ultimate Strength	For use with Insulators per ANSI Class Spec C29.2-71
	in (mm)								
	A	B	C	D	E	F	G	lbf (kN)	
SC-5194	2-5/8 (66.7)	1-9/16 (39.7)	11/16 (17.5)	1-3/4 (44.5)	1-5/8 (41.3)	5/8 (15.9)	13/16 (20.6)	30,000 (133)	ANSI 52-3 & 52-5
SC-50	3-1/4 (82.6)	2-5/8 (66.6)	7/8 (22.2)	2-3/16 (55.6)	2-1/16 (52.4)	7/8 (22.2)	1-1/8 (28.6)	50,000 (222)	ANSI 52-8 & 52-11

HARDWARE FITTINGS



Hold Down Shackles

Catalog Number	Conductor Diameter Range		Hold Down Shackle Part Number	Dimensions						Max Hold Down Weight
	in	mm		in (mm)						lb (kg)
				Bolt Diameter	B	C	D	E	F	
ALS-122BNK	0.910 - 1.220	23.11 - 30.99	HDS-04	5/8 (15.9)	1/2 (15.9)	5-1/2 (128.3)	3-1/8 (76.5)	5-1/2 (128.3)	2-1/2 (52.1)	300 (136.1)
ALS-181BNK	1.221 - 1.810	31.01 - 45.97	HDS-08	5/8 (15.9)	5/8 (15.9)	6-1/2 (153.7)	4-1/8 (101.9)	6-1/2 (153.7)	3 (76.2)	800 (362.9)
ALS-236BNK	1.811 - 2.379	46.00 - 60.43	HDS-11	5/8 (15.9)	5/8 (15.9)	7-1/8 (178.1)	4-3/4 (103.5)	6-7/8 (154.6)	3-1/8 (76.5)	800 (362.9)
ALS-285BNK	2.380 - 2.850	60.45 - 72.39	HDS-12	3/4 (19.0)	5/8 (15.9)	8 (203.2)	5-3/8 (128.0)	7-1/2 (179.1)	3-1/2 (77.5)	800 (362.9)



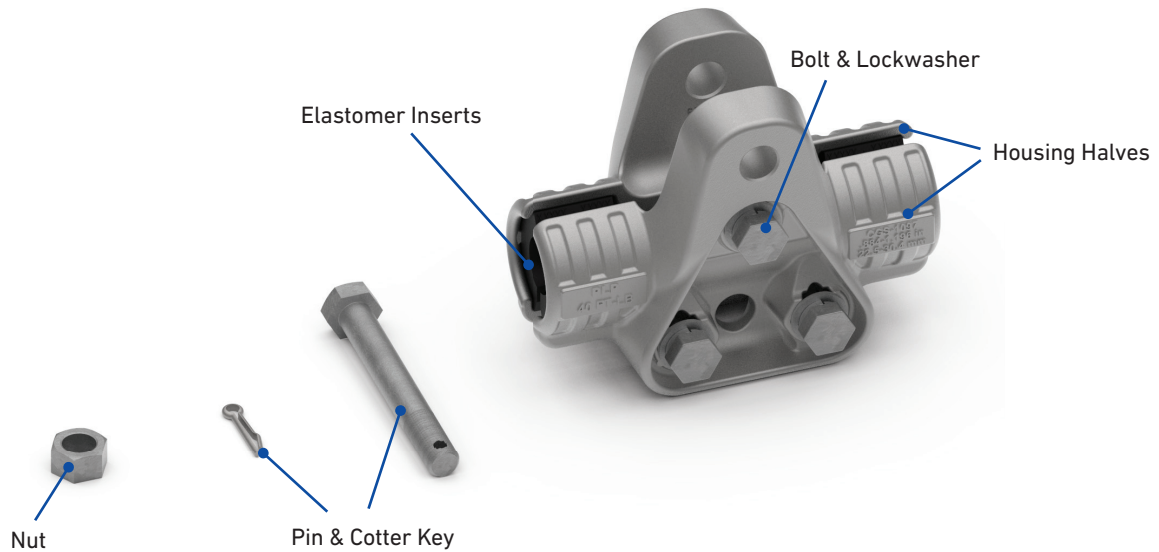
CUSHION-GRIP® SUSPENSION

The **CUSHION-GRIP Suspension** is intended for use on all aluminum-based conductors. It utilizes elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the attachment point. Additionally, fully captive hardware reduces the time and effort required for installation.

FEATURES AND BENEFITS

- Field-proven elastomer cushions protect the conductor against abrasion, wear, and fatigue
- Shipped fully assembled with no loose parts to avoid lost hardware
- Armor Rods are not necessary for installation, strain relief provided by cushion inserts.
- Design allows the suspension to be installed over the conductor by simply loosening the captive fasteners and spreading the assembly open
- Rated for EHV operation (contact PLP for more information)
- Rated for 125°C continuous operating temperatures (150°C two-hour emergency)
- High-temperature version available for 200°C continuous operation. For applications above 200°C, see the CGS-HT250 section of the catalog.
- Compatible with standard attachment hardware
- Bottom fasteners act as a hinge to facilitate hot stick application

COMPONENTS



CUSHION-GRIP® Suspension

Characteristic	Specification
Unbalanced/Slip Load	10% - 15% of conductor rated breaking strength
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ratings)
Maximum Line Angle	30° for single support, 60° for double support



ORDERING INFORMATION

- Select the appropriate catalog number for the CUSHION-GRIP® Suspension from the table below based on the diameter of the conductor
- For Double CUSHION-GRIP Suspension applications, order two identical CGS Suspensions, a yoke plate, an attachment fitting to connect the yoke plate to the structure, and two identical Clevis Eye or Y-Clevis Eye fittings to connect the suspensions to the yoke plate

CUSHION-GRIP Suspension Catalog Number

CGS- X X X X
(Section 1) (Section 2) (Section 3) (Section 4)

Catalog Number Example: CGS-1097HTYCBNK

Includes (1) CUSHION-GRIP Suspension with a conductor range of 0.884" - 1.196", high-temperature cushions, a Y-Clevis Eye, and a bolt, nut, and cotter pin connection.

Section 1

Range Number	Conductor Diameter Range		Standard Carton Quantity	Vertical Ultimate Load
	in	mm		lb (kN)
1095	0.312 - 0.608	7.92 - 15.44	10 units	15,000 (67)
1096	0.609 - 0.883	15.47 - 22.43	3 units	25,000 (111)
1097	0.884 - 1.196	22.45 - 30.38	3 units	
1098	1.197 - 1.545	30.40 - 39.24	3 units	
1120	1.546 - 1.569	39.27 - 39.85	3 units	30,000 (133)
1121	1.570 - 1.639	39.88 - 41.63		
1122	1.640 - 1.707	41.66 - 43.36		
1123	1.708 - 1.771	43.38 - 44.98		
1124	1.772 - 1.833	45.01 - 46.56		
1125	1.834 - 1.892	46.58 - 48.06		
1126	1.893 - 1.948	48.08 - 49.48		
1127	1.949 - 2.001	49.50 - 50.83		

Section 2

Suffix Code	Type
Leave Blank	Standard
HT	High-Temperature

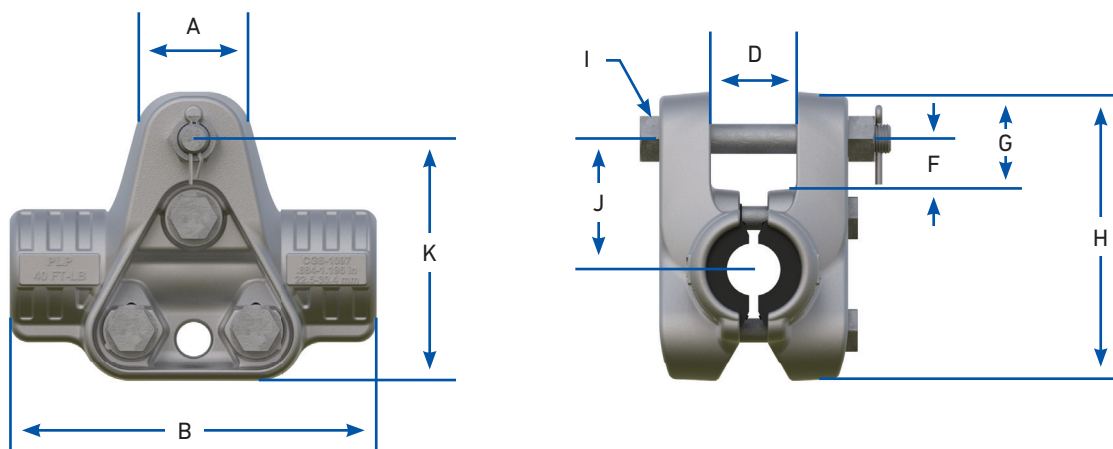
Section 3

Suffix Code	Type
Leave Blank	No attachment fittings
YC	Includes Y-Clevis Eye
CE	Includes Clevis Eye
SE	Includes Socket Eye

Section 4

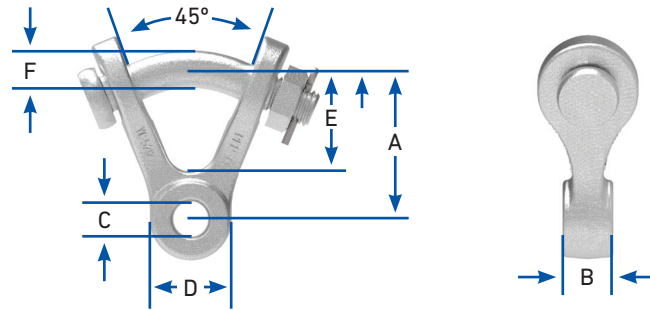
Suffix Code	Type
Leave Blank	Standard Clevis Pin and Cotter Pin
BNK	Bolt, Nut, and Cotter Pin

DIMENSIONS



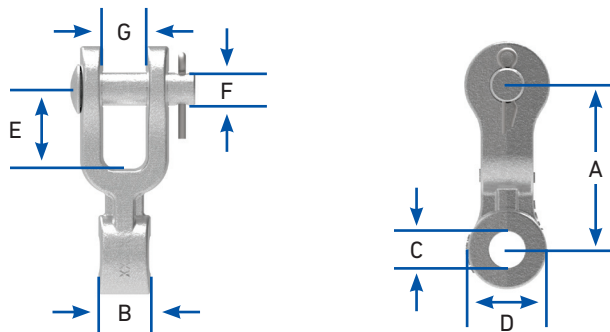
Conductor Range		Dimensions										Weight
		in (mm)										
in	mm	A	B	D		F	G	H	I	J	K	lb (kg)
				Minimum	Maximum				Pin/Bolt Diameter			
0.312 - 0.608	7.92 - 15.44	2.00 (51.0)	6.5 (165.0)	0.80 (20.3)	1.20 (30.5)	1.00 (25.4)	2.00 (51.0)	4.85 (123.0)	5/8 (15.9)	2.40 (61.0)	3.85 (98.0)	2.5 (1.1)
0.609 - 0.883	15.47 - 22.43	2.25 (57.0)	6.85 (174.0)	1.15 (29.2)	1.70 (43.2)	1.05 (26.6)	2.00 (51.0)	5.30 (135.0)	5/8 (15.9)	2.60 (66.0)	4.30 (109.0)	4.00 (1.8)
0.884 - 1.196	22.45 - 30.38	2.25 (57.0)	7.55 (192.0)	1.15 (29.2)	1.70 (43.2)	1.05 (26.6)	2.00 (51.0)	6.00 (152.0)	5/8 (15.9)	2.70 (69.0)	5.00 (127.0)	5.5 (2.5)
1.197 - 1.545	30.40 - 39.24	2.25 (57.0)	8.60 (218.0)	1.15 (29.2)	1.70 (43.2)	1.10 (27.9)	2.10 (53.5)	6.25 (159.0)	5/8 (15.9)	2.90 (74.0)	5.24 (133.4)	6.7 (3.0)
1.546 - 2.001	39.27 - 50.83	2.50 (63.5)	9.20 (234.0)	1.25 (32.8)	1.80 (45.7)	1.25 (32.8)	2.50 (63.5)	7.60 (193.0)	5/8 (15.9)	3.50 (89.0)	6.35 (161.3)	9.5 (4.3)

HARDWARE FITTINGS



Y-Clevis Eye

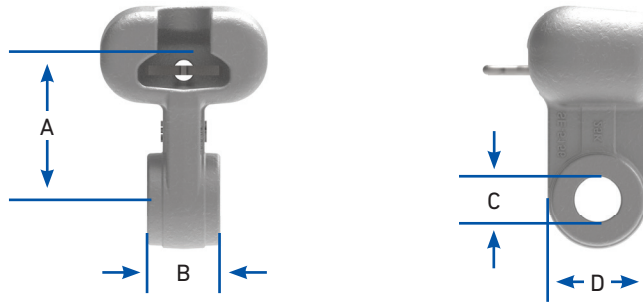
Catalog Number	Compatible CGS	Dimensions						Maximum Vertical Load
		in (mm)						
		A	B	C	D	E	F	lb (kN)
YC-5206	CGS-1095	2-31/32 (75.4)	5/8 (15.9)	11/16 (17.5)	1-5/8 (41.3)	2-1/8 (54.0)	3/4 (19.0)	15,000 (67)
YC-5212	CGS-1096	2-7/8 (73.0)	1 (25.4)	11/16 (17.5)	1-5/8 (41.3)	1-7/8 (47.6)	3/4 (19.1)	25,000 (111)
	CGS-1097							
	CGS-1098							
	CGS-1120							
	CGS-1121							
	CGS-1122							
	CGS-1123							
	CGS-1124							
	CGS-1125							
	CGS-1126							
	CGS-1127							



Clevis Eye

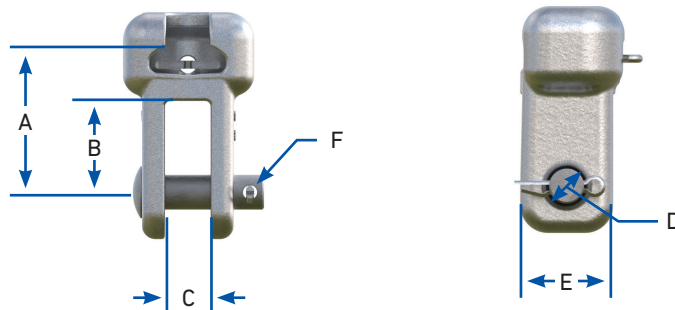
Catalog Number	Compatible CGS	Dimensions							Maximum Vertical Load
		in (mm)							
		A	B	C	D	E	F	G	lb (kN)
CE-5259	CGS-1095	3-1/8 (79.4)	1/2 (17.5)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	15,000 (67)
CE-5107	CGS-1096	3-1/8 (79.4)	1 (25.4)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
	CGS-1097								
	CGS-1098								

HARDWARE FITTINGS



Socket Eye

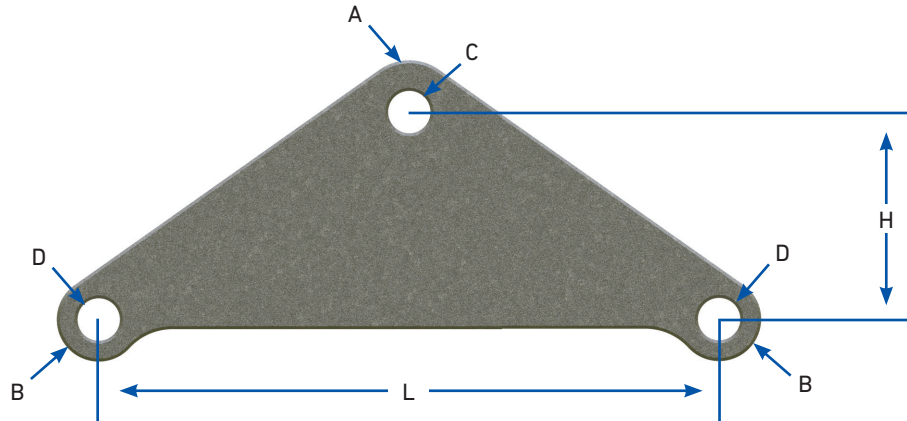
Catalog Number	Compatible CGS	Dimensions				Maximum Vertical Load	For Use with Insulators ANSI Class Spec C-29.2-71
		in (mm)					
		A	B	C	D	lb (kN)	
SE-5156	CGS-1096	2-1/4 (57.2)	1 (25.4)	11/16 (17.5)	1-1/2 (38.1)	25,000 (111)	52-3 & 52-5
	CGS-1097						
	CGS-1098						
SE-5157	CGS-1120	2-13/32 (60.8)	1-1/8 (28.6)	11/16 (17.5)	1-3/4 (44.5)	30,000 (133)	
	CGS-1121						
	CGS-1122						
	CGS-1123						
	CGS-1124						
	CGS-1125						
	CGS-1126						
	CGS-1127						



Socket Clevis

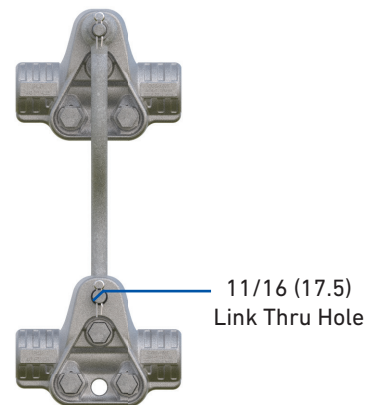
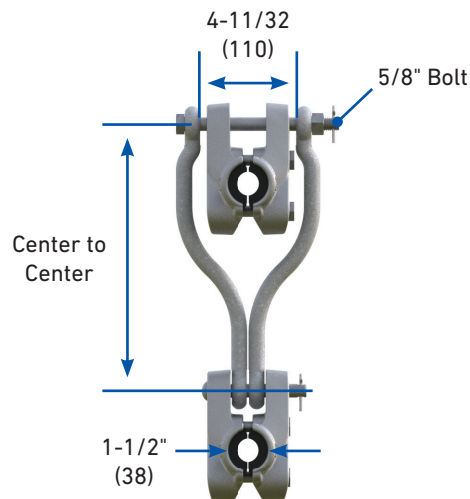
Catalog Number	Dimensions						Maximum Vertical Load	For Use with Insulators ANSI Class Spec C-29.2-71
	in (mm)							
	A	B	C	D	E	F	lb (kN)	
SC-5194	2-15/16 (74.6)	1-5/8 (41.6)	13/16 (20.6)	11/16 (17.5)	1-3/4 (44.5)	5/8 (15.9)	30,000 (133)	52-3 & 52-5

HARDWARE FITTINGS



Yoke Plate

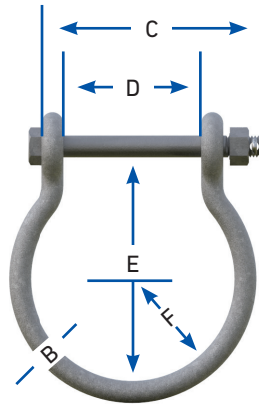
Catalog Number	Dimensions						Plate Thickness	Maximum Vertical Load
	in (mm)							
	A	B	C	D	L	H	in (mm)	lb (kN)
	Radius	Radius	Diameter	Diameter				
YP-5907	1 (25.4)	13/16 (20.6)	13/16 (20.6)	13/16 (20.6)	12 (304.8)	4 (101.6)	1/2 (12.7)	30,000 (133)



Vertical Building Links

Catalog Number	Compatible CGS	Center to Center	Maximum Vertical Load
		in (mm)	lb (kN)
VBLMS11244	All Sizes	12 (305)	30,000 (133)
VBLMS11302	All Sizes	18 (457)	40,000 (222)

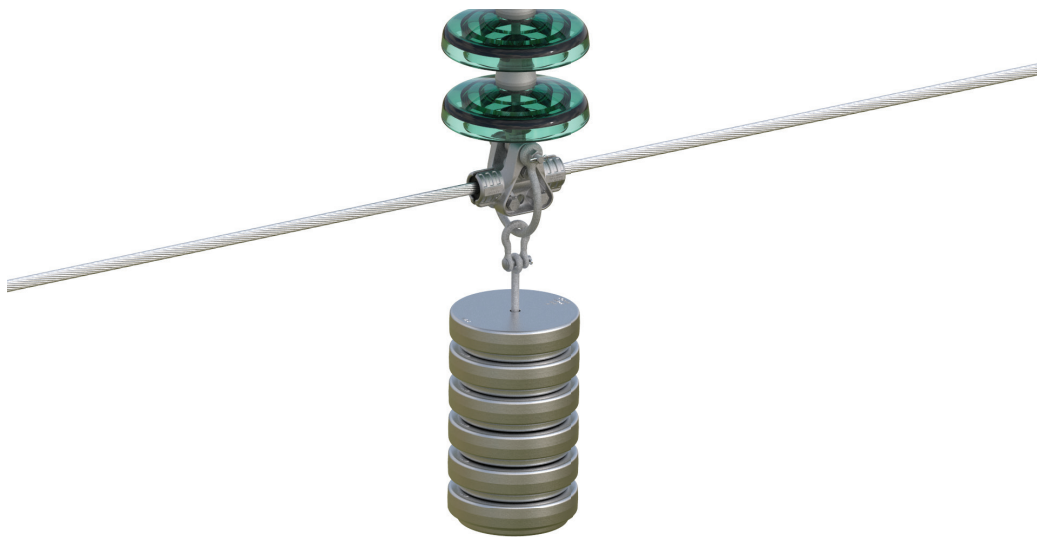
HARDWARE FITTINGS



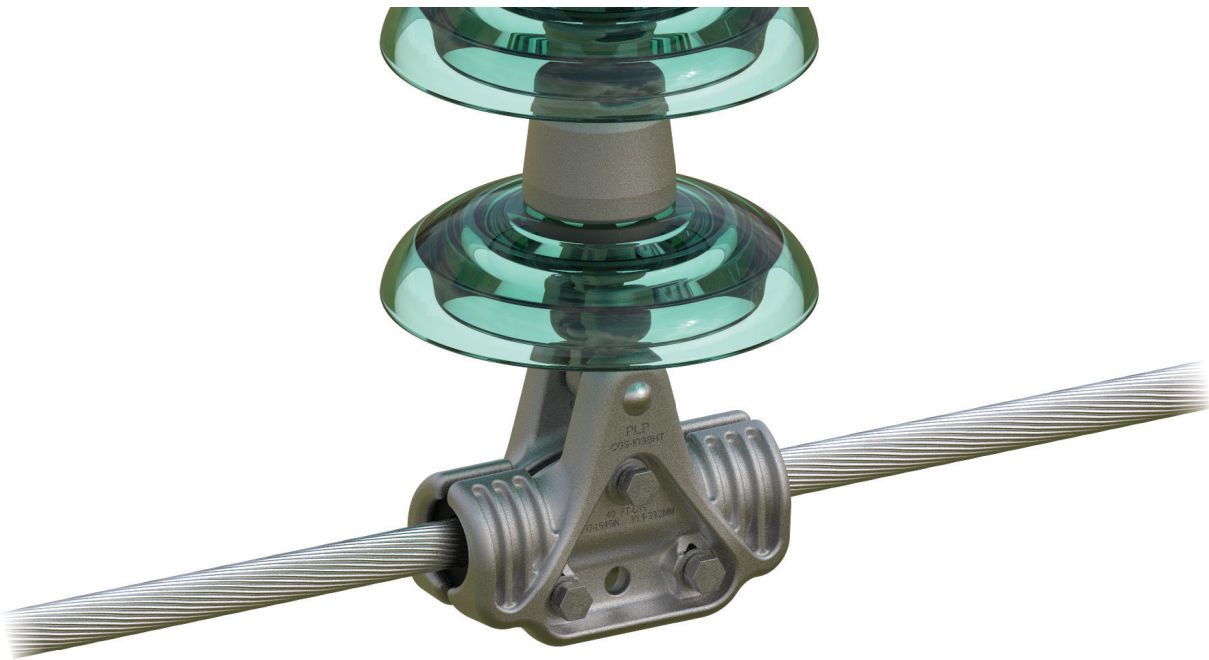
Hold Down Shackle

Catalog Number	Compatible CGS	Conductor Range	Dimensions						Maximum Hold Down Weight
			in (mm)						
		in (mm)	A	B	C	D	E	F	lb (kg)
			Bolt Diameter						
HDS-06	CGS-1096	0.609 - 0.883 (15.47 - 22.43)	5/8 (15.9)	5/8 (15.9)	5-7/8 (149.0)	3-7/8 (98.4)	6-1/4 (159.0)	2-7/8 (73.0)	800 (363)
	CGS-1097	0.884 - 1.196 (22.45 - 30.38)							
	CGS-1098	1.197 - 1.545 (30.40 - 39.24)							

NOTE: The AS-5L and 00066148 or 00066149 Eye-bolt is needed to attach weights to the HDS-06



HDS-06 installed with CGS-1097



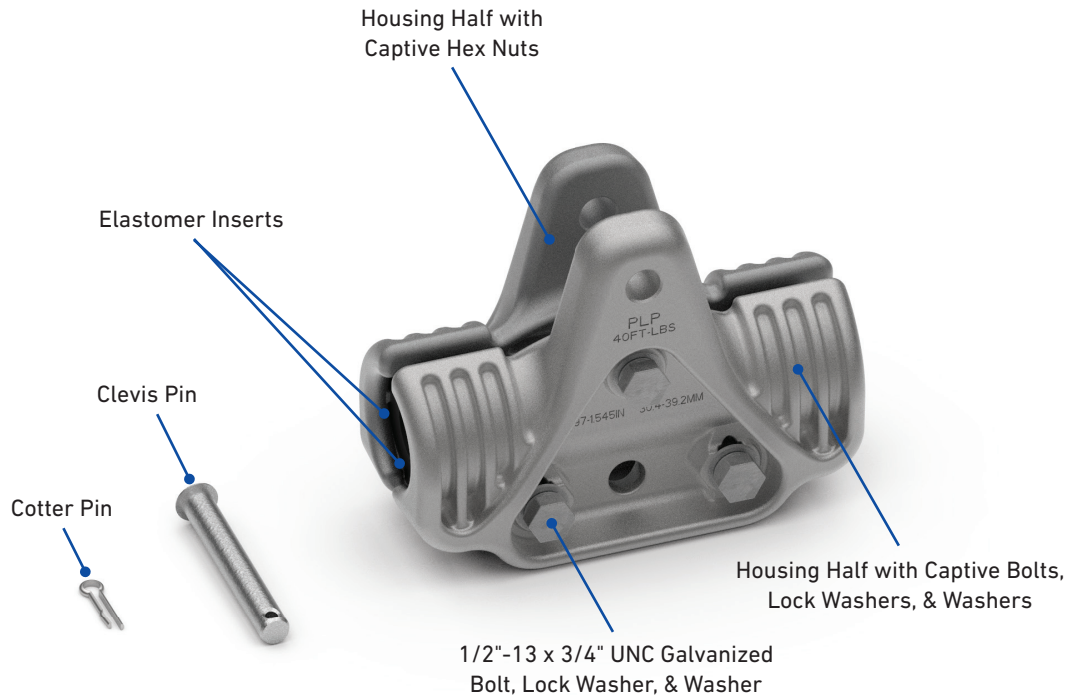
CUSHION-GRIP® SUSPENSION – HT250

The **CUSHION-GRIP Suspension – HT250** is designed for use on all aluminum-based conductors where a continuous operating temperature of 250°C is required. The design utilizes elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the attachment point. Additionally, fully captive hardware reduces the time and effort required for installation.

FEATURES AND BENEFITS

- Field-proven elastomer cushions protect the conductor against abrasion, wear, and fatigue
- Shipped fully assembled with captive fasteners and no loose parts to avoid lost hardware
- Armor Rods are not necessary for installation; strain relief relies solely on cushion inserts
- One-piece design allows the suspension to be installed over the conductor by simply loosening the captive fasteners and spreading the assembly open
- Rated for EHV/UHV operation without additional hardware (contact PLP for more information)
- Rated for up to 250°C continuous operating temperatures
- Compatible with standard attachment hardware
- Easy hot stick application - bottom captive fasteners act as a hinge to facilitate hot stick application

COMPONENTS



CUSHION-GRIP® Suspension - HT250

Characteristic	Specification
Unbalanced/Slip Load	10% – 15% of conductor rated breaking strength
Maximum Vertical Load	25,000 lb
Maximum Line Angle	35 degrees for single suspension; 70 degrees for double suspension



ORDERING INSTRUCTIONS

- Select the appropriate catalog number for the CUSHION-GRIP® Suspension - HT250 from the table below based on the diameter of the conductor
- For Double CUSHION-GRIP Suspension applications, order two identical CGS Suspensions, a yoke plate, an attachment fitting to connect the yoke plate to the structure, and two identical Clevis Eye or Y-Clevis Eye fittings to connect the suspensions to the yoke plate

CUSHION-GRIP Suspension - HT250 - Catalog Number

CGS- X X X
(Section 1) (Section 2) (Section 3)

Catalog Number Example: CGS-1097HT250YCBNK

Includes (1) CUSHION-GRIP Suspension - HT250 with a conductor range of 0.884" - 1.196", high-temperature cushions, a Y-Clevis Eye, and a bolt, nut, and cotter pin connection.

Section 1

Range Number	Conductor Diameter Range		Vertical Maximum Load	
	in	mm	lb	kN
1096HT250	0.609 – 0.883	15.47 – 22.43	25,000	111
1097HT250	0.884 – 1.196	22.45 – 30.38	25,000	111
1098HT250	1.197 – 1.545	30.40 – 39.24	25,000	111

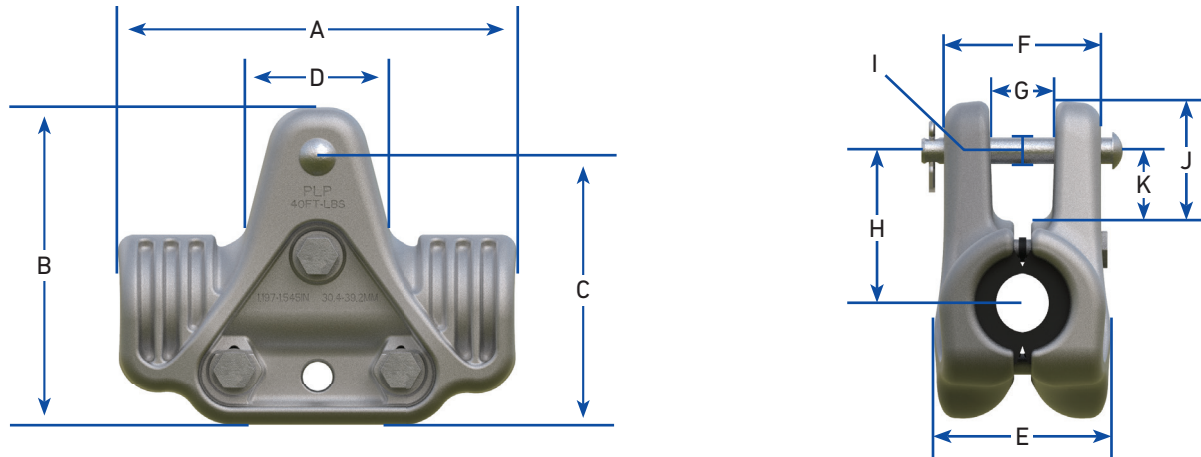
Section 2

Suffix Code	Type
Leave Blank	No attachment fittings
YC	Includes Y-Clevis Eye
CE	Includes Clevis Eye
SE	Includes Socket Eye

Section 3

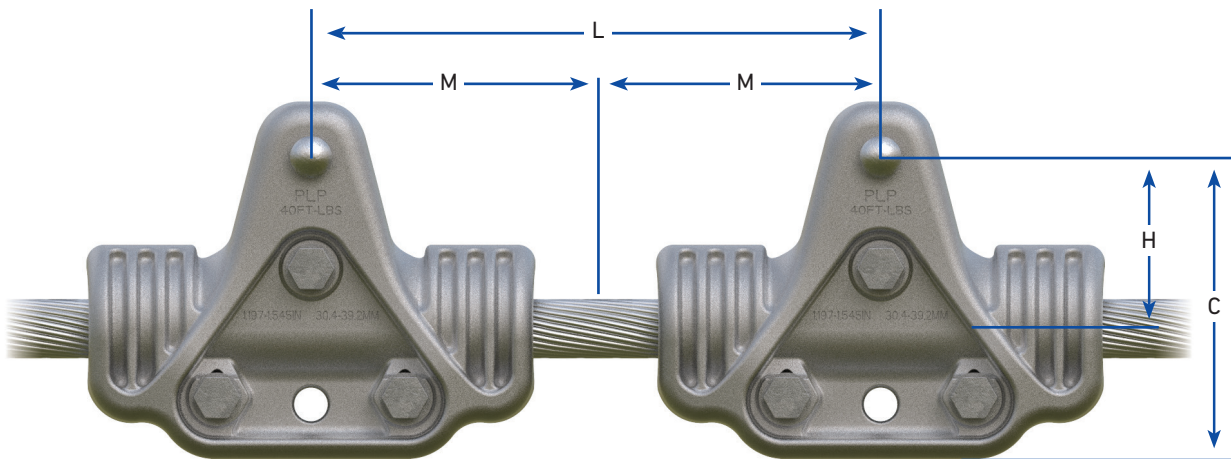
Suffix Code	Type
Leave Blank	Standard Clevis Pin and Cotter Pin
BNK	Bolt, Nut, and Cotter Pin

DIMENSIONS



Single CUSHION-GRIP Suspension

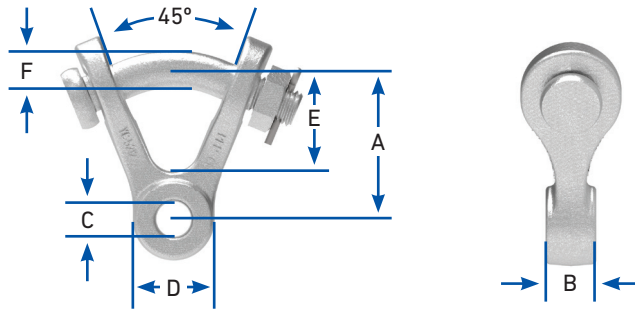
Catalog Number	Dimensions										
	in (mm)										
	A	B	C	D	E	F	G	H	I Pin/Bolt Diameter	J	K
CGS-1096HT250	7-1/2 (190.5)	6-7/16 (163.5)	5-1/4 (133.4)	2-3/4 (69.9)	3-9/16 (91.3)	3-11/16 (94.0)	1-3/16 (30.2)	3-1/4 (82.6)	5/8 (15.9)	2-15/16 (74.6)	1-5/8 (41.3)
CGS-1097HT250	8-1/4 (209.6)	7-1/8 (181.0)	5-15/16 (150.8)	2-13/16 (71.4)	3-5/8 (92.1)	3-23/32 (94.2)	1-3/16 (30.2)	3-5/16 (84.1)	5/8 (15.9)	2-15/16 (74.6)	1-5/8 (41.3)
CGS-1098HT250	9-1/2 (241.3)	7-1/2 (190.5)	6-5/16 (160.3)	3-13/16 (96.8)	4-5/32 (105.5)	3-23/32 (94.2)	1-3/16 (30.2)	3-5/8 (92.1)	5/8 (15.9)	2-15/16 (74.6)	1-5/8 (41.3)



Double CUSHION-GRIP Suspension

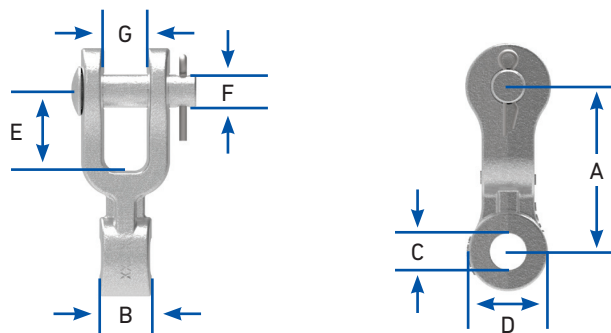
Catalog Number	Dimensions			
	in (mm)			
	C	H	L	M
CGS-1096HT250	5-1/4 (133.4)	3-1/4 (82.6)	12 (304.8)	6 (152.4)
CGS-1097HT250	5-15/16 (150.8)	3-5/16 (84.1)	12 (304.8)	6 (152.4)
CGS-1098HT250	6-5/16 (160.3)	3-5/8 (92.1)	12 (304.8)	6 (152.4)

HARDWARE FITTINGS



Y-Clevis Eye

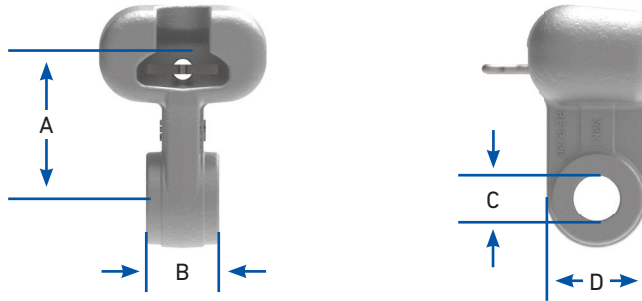
Catalog Number	Compatible CGS	Dimensions						Maximum Vertical Load
		in (mm)						
		A	B	C	D	E	F	lb (kN)
YC-5212	CGS-1096	2-7/8 (73.0)	1 (25.4)	11/16 (17.5)	1-5/8 (41.3)	1-7/8 (47.6)	3/4 (19.1)	25,000 (111)
	CGS-1097							
	CGS-1098							
	CGS-1120							
	CGS-1121							
	CGS-1122							
	CGS-1123							
	CGS-1124							
	CGS-1125							
	CGS-1126							
	CGS-1127							



Clevis Eye

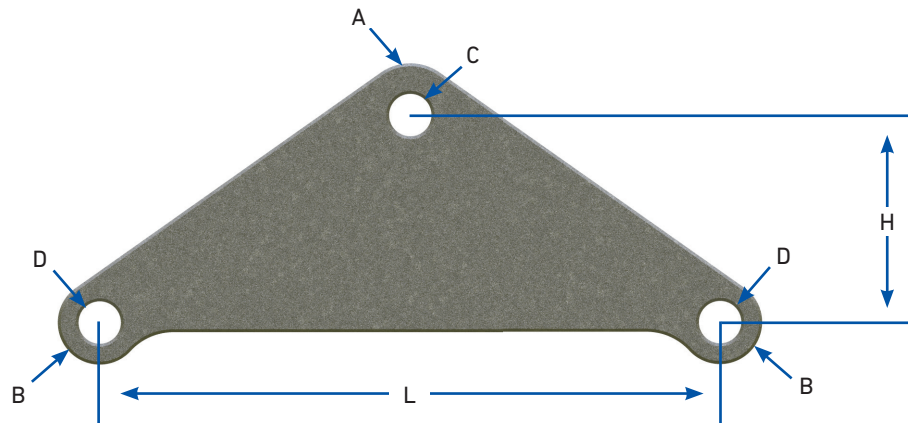
Catalog Number	Compatible CGS	Dimensions							Maximum Vertical Load
		in (mm)							
		A	B	C	D	E	F	G	lb (kN)
CE-5107	CGS-1096	3-1/8 (79.4)	1 (25.4)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
	CGS-1097								
	CGS-1098								

HARDWARE FITTINGS



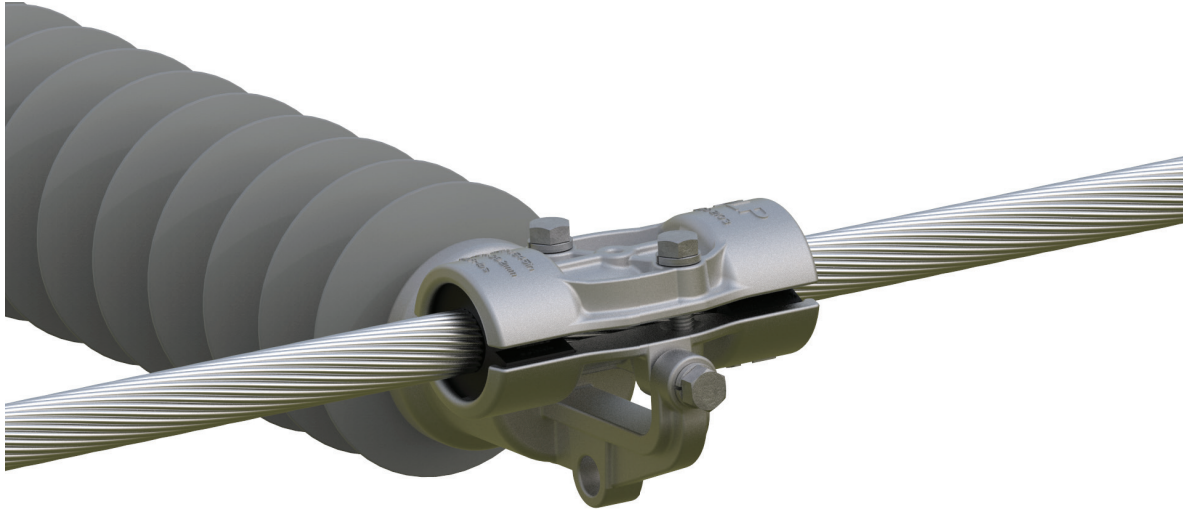
Socket Eye

Catalog Number	Compatible CGS	Dimensions				Maximum Vertical Load	For Use with Insulators ANSI Class Spec C-29.2-71
		in (mm)					
		A	B	C	D	lb (kN)	
SE-5156	CGS-0196	2-1/4 (57.2)	1 (25.4)	11/16 (17.5)	1-1/2 (38.1)	25,000 (111)	52-3 & 52-5
	CGS-0197						
	CGS-0198						



Yoke Plate

Catalog Number	Dimensions						Plate Thickness	Maximum Vertical Load
	in (mm)							
	A (Radius)	B (Radius)	C (Diameter)	D (Diameter)	L	H	in (mm)	lb (kN)
YP-5907	1 (25.4)	13/16 (20.6)	13/16 (20.6)	13/16 (20.6)	12 (304.8)	4 (101.6)	1/2 (12.7)	30,000 (133)



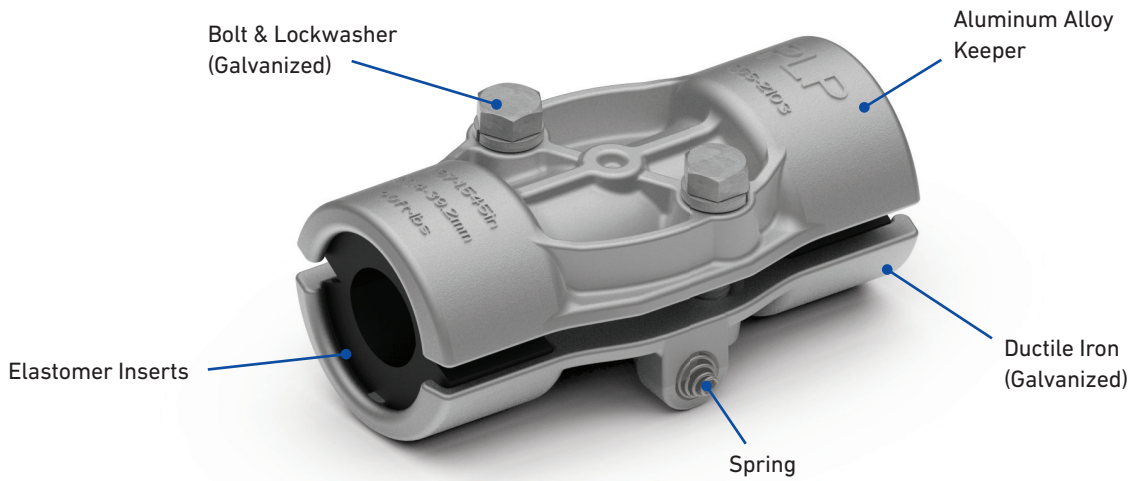
CUSHION-GRIP® SUPPORT

The **CUSHION-GRIP Support** is intended for use on all aluminum-based conductors. It utilizes elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the attachment point.

FEATURES AND BENEFITS

- Shipped fully assembled with no loose parts to avoid lost hardware
- Rated for 125°C continuous operating temperature (150°C two-hour emergency)
- High-temperature version available for 210°C continuous operation
- Fits standard ANSI/NEMA trunnion fitting
- Simple labor-saving installation without the need for Armor Rods
- Easy hot stick application
- Includes stainless steel noise suppression spring

COMPONENTS



CUSHION-GRIP® Support

Characteristic	Specification
Unbalanced/Slip Load	10% - 15% of conductor rated breaking strength
Maximum Vertical Load	5,000 lb pull-off load from trunnion pins applied in any direction
Maximum Line Angle	30° for single support, 60° for double support

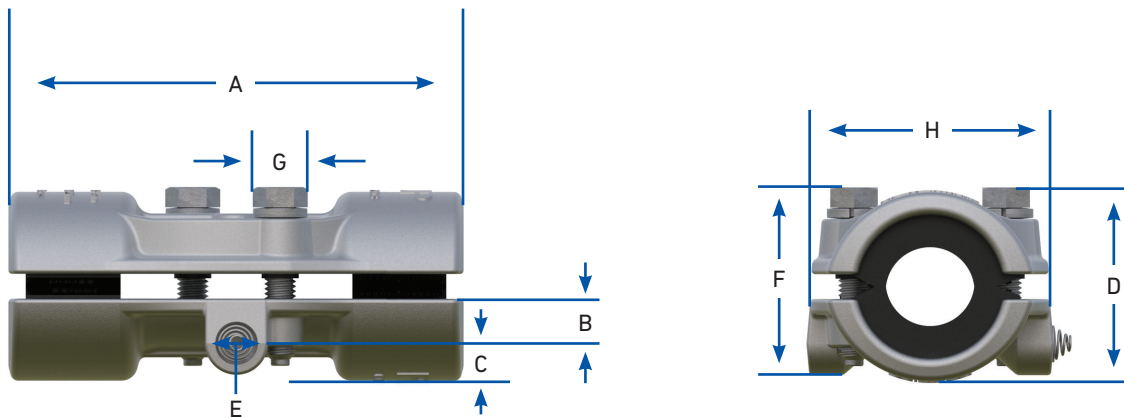
ORDERING INFORMATION

- Add an "HT" suffix code for High-Temperature support (**EXAMPLE:** CGS-2102HT)

CUSHION-GRIP® Support

Catalog Number	Conductor Range		Weight	Standard Carton Quantity
	in	mm	lb (kg)	
CGS-2100	0.312 - 0.608	7.92 - 15.44	1.45 (0.66)	3 units
CGS-2101	0.609 - 0.883	15.47 - 22.43	2.40 (1.1)	3 units
CGS-2102	0.884 - 1.196	22.45 - 30.38	3.50 (1.6)	3 units
CGS-2103	1.197 - 1.545	30.40 - 39.20	5.00 (2.3)	3 units

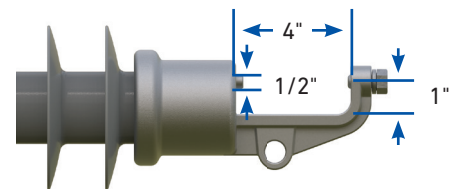
DIMENSIONS



Catalog Number	Dimensions							
	in (mm)							
	A	B	C	D	E	F	G	H
CGS-2100	5.3 (134.6)	0.34 (8.64)	0.42 (10.7)	2.1 (53.3)	0.595 (15.1)	1.7 (43.2)	9/16 (14.3)	3-7/8 (98.4)
CGS-2101	6.7 (170.2)	0.42 (10.7)	0.51 (12.9)	2.6 (66.0)	0.595 (15.1)	2 (50.8)	3/4 (19.1)	3-7/8 (98.4)
CGS-2102	6.9 (175.3)	0.70 (17.8)	0.34 (8.64)	2.9 (73.7)	0.595 (15.1)	2.6 (66.0)	3/4 (19.1)	3-7/8 (98.4)
CGS-2103	6.5 (165.1)	0.75 (19.1)	0.88 (22.4)	3.4 (86.4)	0.595 (15.1)	2.4 (61.0)	3/4 (19.1)	3-7/8 (98.4)

Clamp Top Trunnion

To ensure proper fit and service life, it is recommended that only line post insulators with clamp top trunnion caps that conform to ANSI standards be used. See the illustration on the right for nominal cap dimensions that illustrate ANSI standards that have been established outlining the permissible dimensions and tolerances for trunnion caps. Consult the insulator manufacturer when in doubt about insulator standards.



The above dimensions are approximates for design information. Consult ANSI specification C29.7-2015 for exact dimensions.





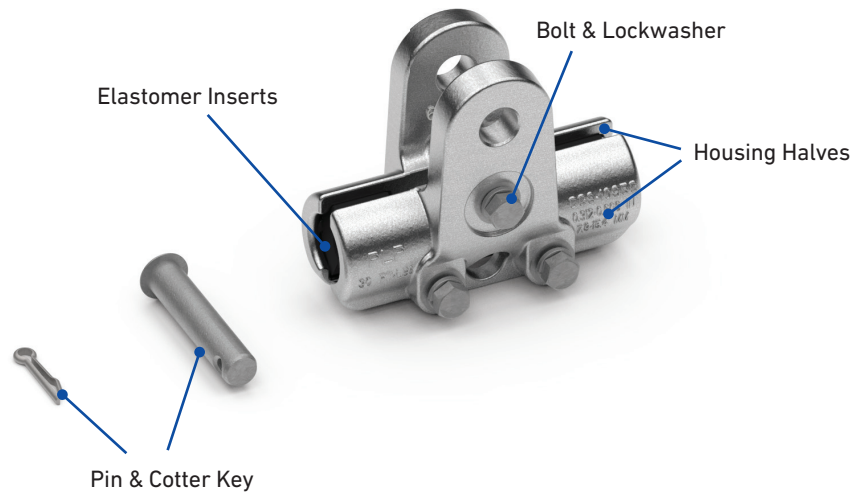
CUSHION-GRIP® SUSPENSION FOR OHSW

The **CUSHION-GRIP Suspension for OHSW** is intended for use on galvanized steel strand. It utilizes elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the attachment point. Additionally, fully captive hardware reduces the time and effort required for installation.

FEATURES AND BENEFITS

- Field-proven elastomer cushions protect the strand against abrasion, wear, and fatigue
- Shipped fully assembled with no loose parts to avoid lost hardware. All fasteners are factory-installed and captive, eliminating lost hardware in the field.
- Armor Rods are not necessary for installation, strain relief relies solely on cushion inserts
- Design allows the suspension to be installed over the conductor by simply loosening the captive fasteners and spreading the assembly open
- Compatible with standard attachment hardware
- Bottom captive fasteners act as a hinge to facilitate hot stick application

COMPONENTS



CUSHION-GRIP® Suspension for OHSW

Characteristic	Specification
Unbalanced/Slip Load	10% - 15% of conductor rated breaking strength
Maximum Vertical Load	20,000 lb
Maximum Line Angle	30° for single support, 60° for double support

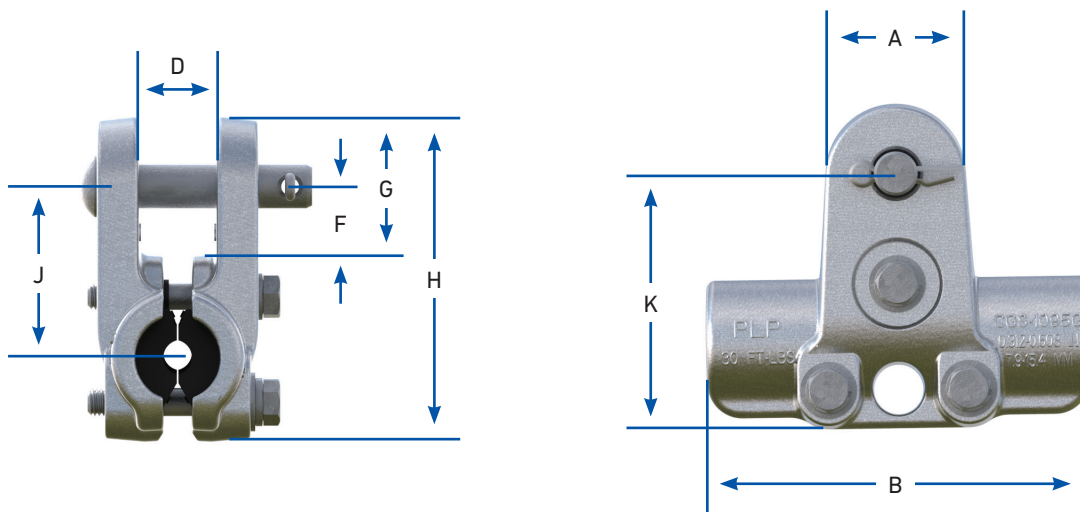
ORDERING INFORMATION

- Add the appropriate suffix code(s) to the CUSHION-GRIP Suspension catalog number to include attachment fittings. "YC" for Y-Clevis, "CE" for Clevis Eye, or "SE" for Socket Eye. **(EXAMPLE: CGS-1095GYC, CGS-1095GCE, or CGS-1095GSE).**
- Add the suffix code "BNK" to the CUSHION-GRIP Suspension catalog number to include a bolt, nut, and cotter pin instead of a clevis pin and cotter pin **(EXAMPLE: CGS-1095GBNK)**
- When adding suffix codes to the CUSHION-GRIP Suspension catalog number, make sure the suffix code for the bolt, nut, and cotter pin comes after the suffix code(s) for the attachment fitting **(EXAMPLE: CGS-1095GYCBNK)**

CUSHION-GRIP® Suspension for OSHW

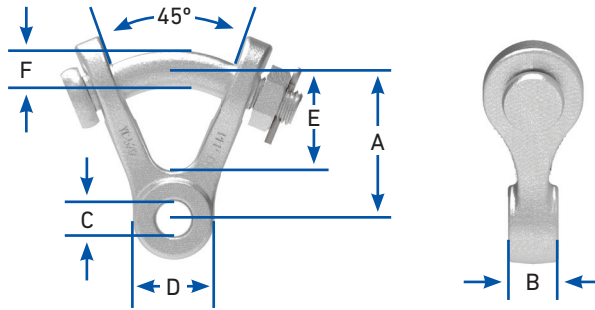
Catalog Number	Conductor Diameter Range		Height	Width		Length	Weight	Standard Carton Quantity	Vertical Ultimate Load
				in (mm)					lb (kN)
	in	mm	in (mm)	Minimum	Maximum	in (mm)	lb (kg)		
CGS-1095G	0.312 - 0.608	7.92 - 15.44	4.62 (117.0)	0.80 (20.3)	1.20 (30.0)	5.5 (140.0)	5.0 (2.2)	3 units	20,000 (89)

DIMENSIONS



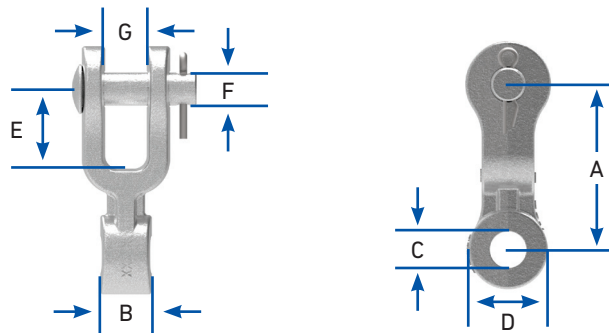
Catalog Number	Dimensions									Material
	in (mm)									
	A	B	D	F	G	H	I	J	K	
							Pin/Bolt Diameter			
CGS-1095G	2.00 (51.0)	5.48 (139.0)	1.10 (27.8)	0.98 (24.9)	1.98 (50.3)	4.62 (117.0)	0.625 (15.9)	2.40 (61.0)	3.62 (92.0)	Ductile Iron

HARDWARE FITTINGS



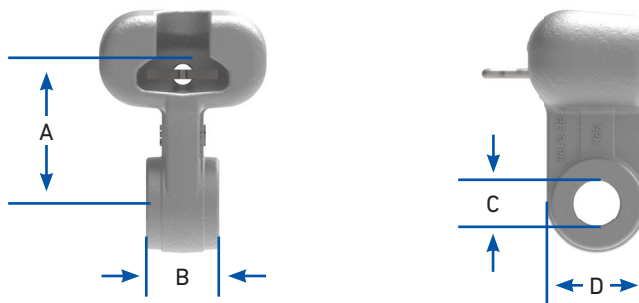
Y-Clevis Eye

Catalog Number	Dimensions						Maximum Vertical Load
	in (mm)						
	A	B	C	D	E	F	lb (kN)
YC-5207	2-13/16 (71.4)	3/4 (19.0)	11/16 (17.5)	1-5/8 (41.3)	2-1/8 (54.0)	3/4 (19.0)	20,000 (89)



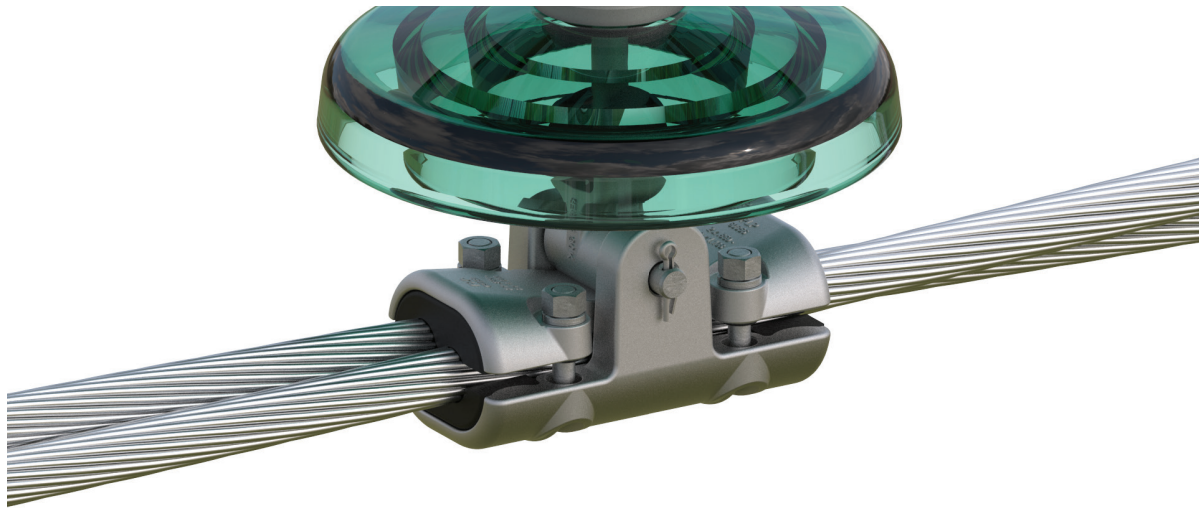
Clevis Eye

Catalog Number	Dimensions							Maximum Vertical Load
	in (mm)							
	A	B	C	D	E	F	G	lb (kN)
CE-5261	3-1/8 (79.4)	3/4 (19.0)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (41.6)	20,000 (89)



Socket Eye

Catalog Number	Dimensions				Maximum Vertical Load
	in (mm)				
	A	B	C	D	lb (kN)
SE-5150	2-21/32 (67.2)	1/2 (12.7)	11/16 (17.5)	1-1/2 (38.1)	15,000 (67)



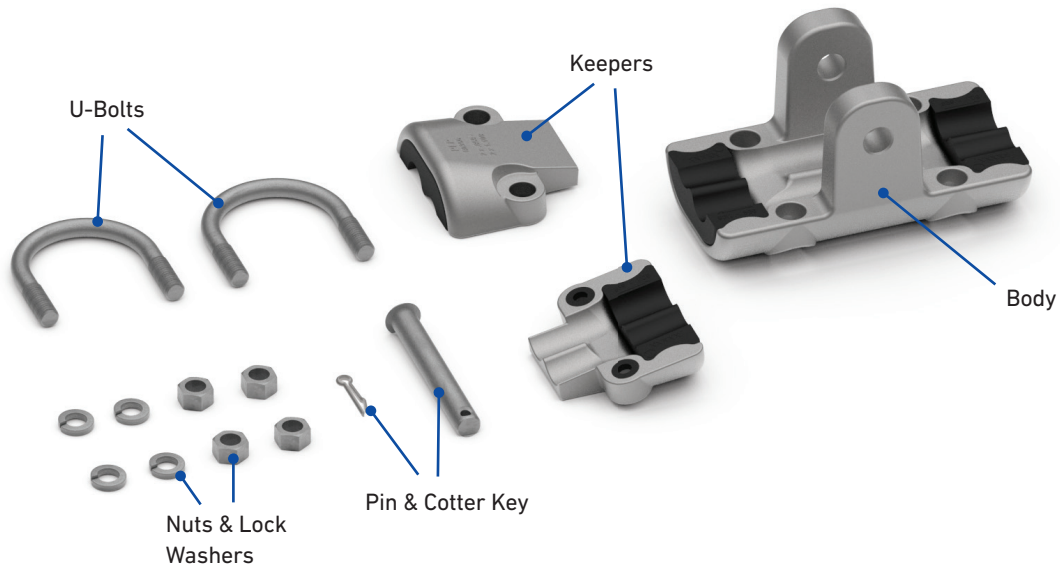
CUSHION-GRIP® TWISTED PAIR SUSPENSION

The **CUSHION-GRIP Twisted Pair Suspension** is intended for use on aluminum-based Twisted Pair conductors. It utilizes elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the support point.

FEATURES AND BENEFITS

- Field-proven elastomer cushions protect the conductor against abrasion, wear, and fatigue caused by aeolian vibration, galloping, and autorotation
- Elastomer cushions have been found to reduce static bending strain at the clamp by as much as 50% compared with metal-to-metal suspension clamps
- Features parallel grooves in both the keeper and base to protect the conductor from deformation and abrasion
- Base and keepers made of high-strength aluminum alloy
- Rated for 125°C continuous operating temperatures (150°C two-hour emergency)
- High-Temperature version available for 210°C continuous operation
- Compatible with standard attachment hardware

COMPONENTS



CUSHION-GRIP® Twisted Pair Suspension

Characteristic	Specification
Unbalanced/Slip Load	10% - 15% of conductor rated breaking strength
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ratings)
Maximum Line Angle	30° for single support, 60° for double support



ORDERING INFORMATION

- Select the appropriate catalog number for the CUSHION-GRIP® T2 Suspension from the table below based on the diameter of the conductor

CUSHION-GRIP T2 Suspension Catalog Number

CCT2- X X X X
(Section 1) (Section 2) (Section 3) (Section 4)

Catalog Number Example: CCT2-0005HT

Includes (1) CUSHION-GRIP Twisted Pair Suspension with a range of 2 x 0.648 - 2 x 0.858 and high-temperature cushions.

Section 1

Range Number	Conductor Range	Ultimate Vertical Load
		lb (kN)
0003	2 x 0.250 - 2 x 0.447	10,000 (44)
0004	2 x 0.448 - 2 x 0.642	15,000 (67)
0005	2 x 0.648 - 2 x 0.858	20,000 (89)
0006	2 x 0.859 - 2 x 1.108	25,000 (111)
0007	2 x 1.109 - 2 x 1.259	30,000 (133)

Section 2

Suffix Code	Type
Leave Blank	Standard
HT	High-Temperature

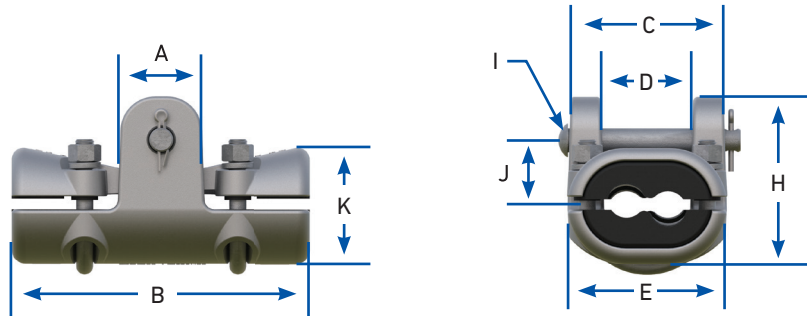
Section 3

Suffix Code	Type
Leave Blank	No attachment fittings
YC	Includes Y-Clevis Eye
CE	Includes Clevis Eye
SE	Includes Socket Eye

Section 4

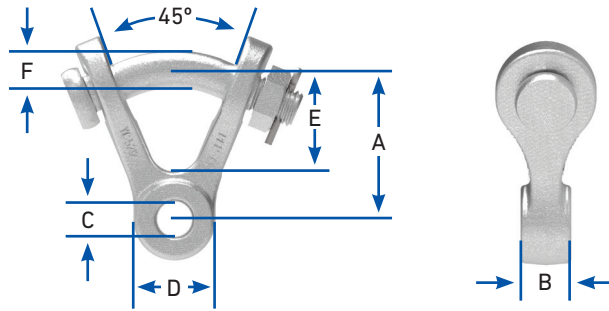
Suffix Code	Type
Leave Blank	Standard Clevis Pin and Cotter Pin
BNK	Bolt, Nut, and Cotter Pin

DIMENSIONS



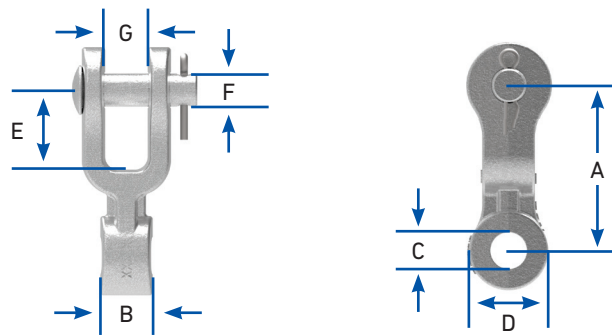
Catalog Number	Dimensions									Weight	Ultimate Vertical Load
	in (mm)										
	A	B	C	D	E	H	I	J	K	lb (kg)	lb (kN)
CCT2-0003	1.60 (40.6)	6.00 (152)	2.50 (63.5)	1.40 (35.6)	2.50 (63.5)	3.00 (76.2)	5/8 (15.9)	1.45 (36.8)	2.10 (53.3)	2.2 (1)	10,000 (44)
CCT2-0004	1.75 (44.5)	7.00 (177.8)	3.50 (88.9)	1.40 (35.6)	3.50 (88.9)	3.75 (95.3)	5/8 (15.9)	1.60 (40.6)	2.80 (71.1)	5.1 (2.31)	15,000 (67)
CCT2-0005	1.85 (47.0)	7.75 (196.9)	3.65 (92.7)	1.80 (45.7)	4.25 (107.9)	4.25 (107.9)	5/8 (15.9)	1.65 (41.9)	3.30 (83.8)	6.5 (2.95)	20,000 (89)
CCT2-0006	2.25 (57.2)	8.00 (203)	4.25 (107.9)	2.25 (57.2)	4.25 (107.9)	4.50 (114.3)	5/8 (15.9)	1.70 (43.2)	3.25 (82.6)	6.7 (3.04)	25,000 (111)
CCT2-0007	2.50 (63.5)	9.04 (229.2)	4.35 (110.5)	2.65 (67.3)	5.26 (133.6)	5.48 (139.7)	3/4 (19.1)	2.25 (57.2)	4.23 (107.4)	10.5 (4.76)	30,000 (133)

HARDWARE FITTINGS



Y-Clevis Eye

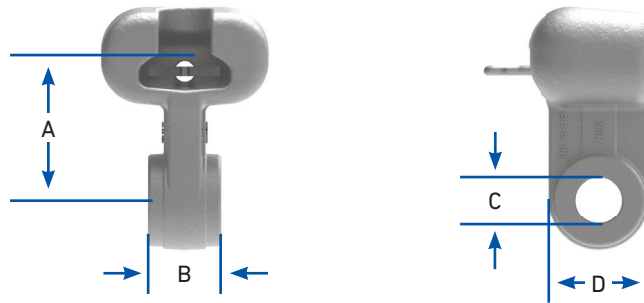
Catalog Number	Compatible CCT2 Suspension	Dimensions						Maximum Vertical Load
		in (mm)						
		A	B	C	D	E	F	lb (kN)
YC-5206	CCT2-0003	2-31/32 (75.4)	5/8 (15.9)	11/16 (17.5)	1-5/8 (41.3)	2-1/8 (54.0)	3/4 (19.0)	15,000 (67)
YC-5207	CCT2-0004	2-13/16 (71.4)	3/4 (19.1)	11/16 (17.5)	1-5/8 (41.3)	2-1/8 (54.0)	3/4 (19.0)	20,000 (89)
YC-5209	CCT2-0005	2-7/8 (73.0)	1-1/16 (26.9)	13/16 (20.6)	1-5/8 (41.3)	1-7/8 (47.6)	3/4 (19.0)	25,000 (111)
YC-5211	CCT2-0006	2-7/8 (73.0)	1 (25.4)	11/16 (17.5)	1-5/8 (41.3)	1-7/8 (47.6)	3/4 (19.1)	25,000 (111)
	CCT2-0007							



Clevis Eye

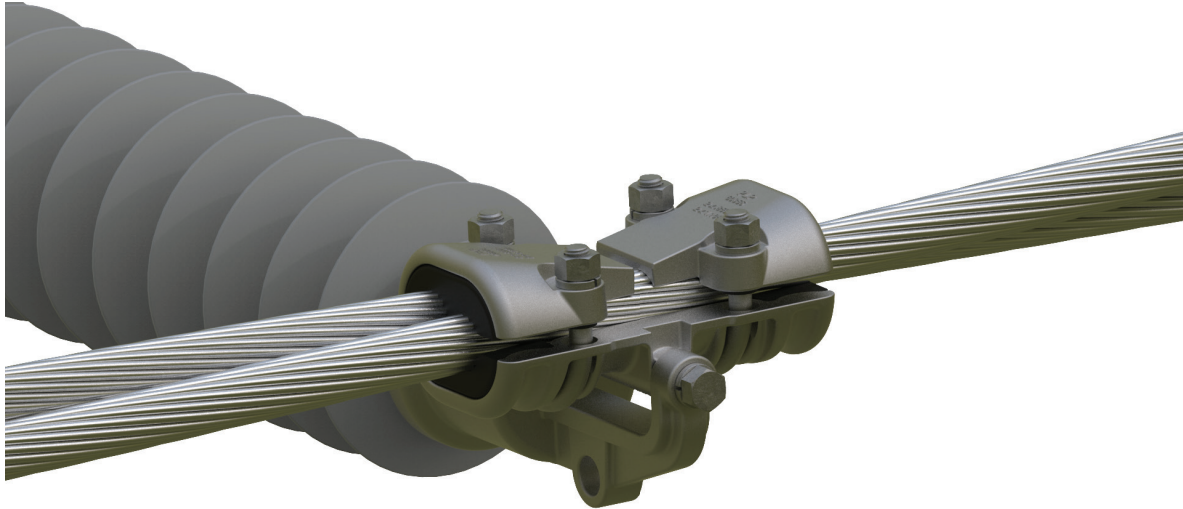
Catalog Number	Compatible CCT2 Suspension	Dimensions							Maximum Vertical Load
		in (mm)							
		A	B	C	D	E	F	G	lb (kN)
CE-5261	CCT2-0003	3-1/8 (79.4)	3/4 (19.1)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	20,000 (89)
	CCT2-0004								
CE-5105	CCT2-0005	3-1/8 (79.4)	1-1/16 (26.9)	13/16 (20.6)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
CE-5106	CCT2-0006	3-1/8 (79.4)	2-1/8 (54.0)	13/16 (20.6)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
	CCT2-0007								

HARDWARE FITTINGS



Socket Eye

Catalog Number	Compatible CCT2 Suspension	Dimensions				Maximum Vertical Load	For Use with Insulators ANSI Class Spec C-29.2-71
		in (mm)					
		A	B	C	D	lb (kN)	
SE-5152	CCT2-0003	2-21/32	3/4	11/16	1-1/2	25,000	52-3 & 52-5
	CCT2-0004	(67.2)	(19.1)	(17.5)	(38.1)	(111)	
SE-5154	CCT2-0005	2-21/32 (67.2)	1-1/16 (26.9)	13/16 (20.6)	1-1/2 (38.1)	25,000 (111)	
SE-5155	CCT2-0006	2-21/32	2-1/8	13/16	1-1/2	30,000	
	CCT2-0007	(67.2)	(54.0)	(20.6)	(38.1)	(133)	



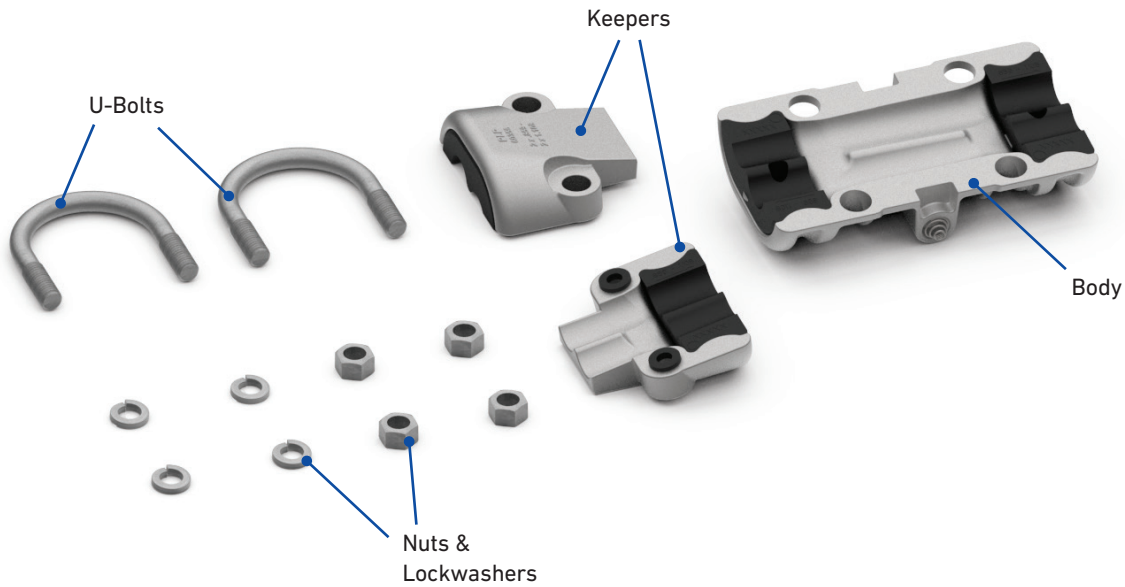
CUSHION-GRIP® TWISTED PAIR SUPPORT

The **CUSHION-GRIP Twisted Pair Support** is intended for use on aluminum-based Twisted Pair conductors. It utilizes elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the support point.

FEATURES AND BENEFITS

- Field-proven elastomer cushions protect the conductor against abrasion, wear, and fatigue caused by Aeolian vibration, galloping, and autorotation
- Elastomer cushions have been found to reduce static bending strain at the clamp as much as 50% compared with metal-to-metal suspension clamps
- Shipped fully assembled
- Rated for 125°C continuous operating temperature (150°C two-hour emergency)
- High-Temperature version available for 210°C continuous operation
- Includes stainless steel noise suppression spring

COMPONENTS



CUSHION-GRIP® Twisted Pair Support

Characteristic	Specification
Unbalanced/Slip Load	10% - 15% of conductor rated breaking strength
Maximum Vertical Load	5,000 lb pull-off load from trunnion pins applied in any direction
Maximum Line Angle	30° for single support, 60° for double support

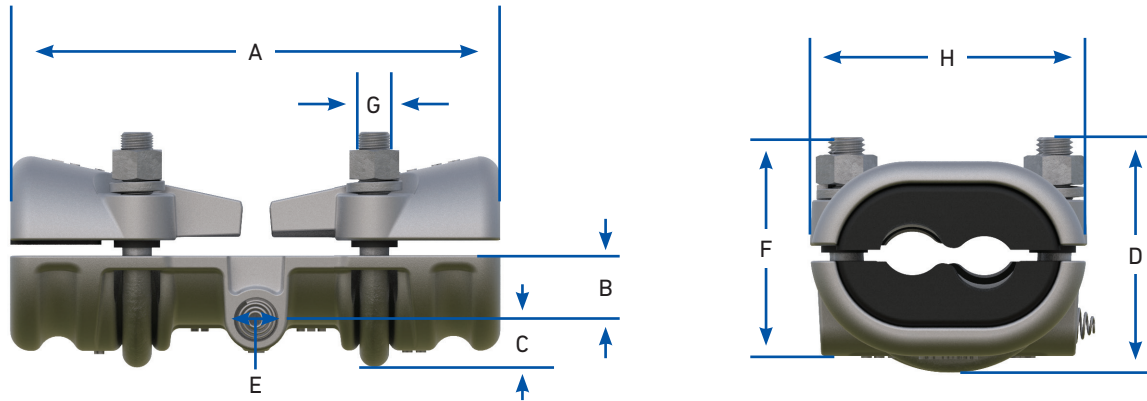
ORDERING INFORMATION

- Add an "HT" suffix code for High-Temperature support (**EXAMPLE:** Catalog Number CCT2-0104HT)

CUSHION-GRIP® Twisted Pair Support

Catalog Number	Conductor Range		Weight	Standard Carton Quantity
	in	mm	lb (kg)	
CCT2-0103	2 x 0.250 - 2 x 0.447	2 x 6.4 - 2 x 11.4	2.85 (1.3)	12 units
CCT2-0104	2 x 0.447 - 2 x 0.642	2 x 11.4 - 2 x 16.3	4.75 (2.2)	12 units
CCT2-0105	2 x 0.859 - 2 x 1.108	2 x 21.8 - 2 x 28.1	7.60 (3.5)	12 units
CCT2-0106	2 x 0.684 - 2 x 0.858	2 x 18.3 - 2 x 21.8	7.30 (3.3)	12 units

DIMENSIONS



Catalog Number	Dimensions							
	in (mm)							
	A	B	C	D	E	F	G U-Bolt Diameter	H
CCT2-0103	5-1/2 (139.7)	3/8 (9.5)	1/2 (12.7)	2-3/8 (60.3)	0.595 (15.1)	2-1/4 (57.2)	3/8 (9.53)	3-7/8 (98.4)
CCT2-0104	6-1/2 (165.1)	1/2 (12.7)	3/4 (19.1)	3 (76.2)	0.595 (15.1)	2-3/4 (69.9)	1/2 (12.7)	3-7/8 (98.4)
CCT2-0105	7-1/2 (190.5)	7/8 (22.2)	1 (25.4)	3-5/8 (92.1)	0.595 (15.1)	3-1/2 (88.9)	1/2 (12.7)	3-7/8 (98.4)
CCT2-0106	7-1/4 (190.5)	7/8 (22.2)	3/4 (19.1)	3-5/8 (92.1)	0.595 (15.1)	3-1/2 (88.9)	1/2 (12.7)	3-7/8 (98.4)





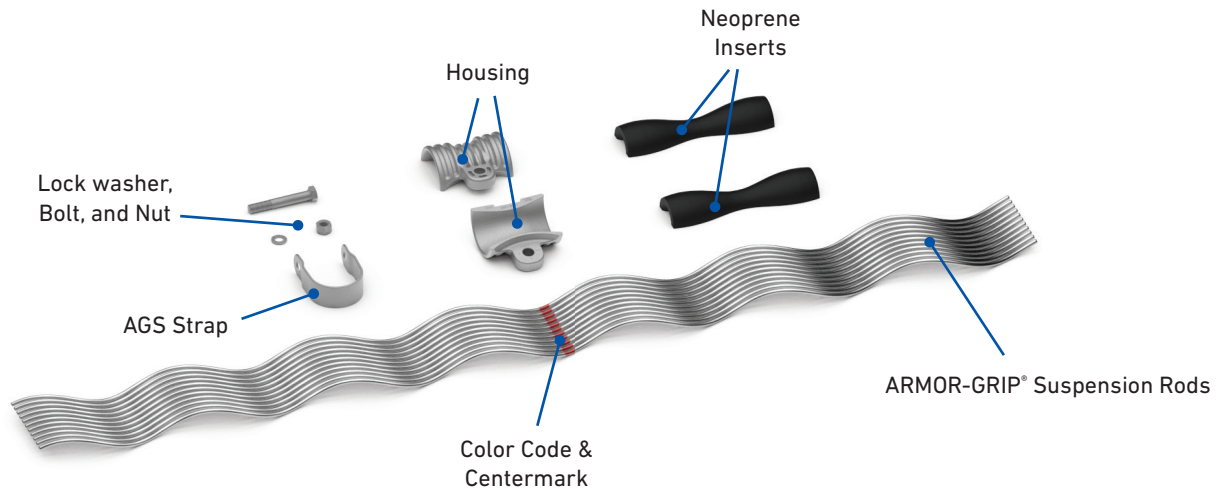
ARMOR-GRIP® SUSPENSION

The **ARMOR-GRIP Suspension (AGS)** is intended for use on aluminum conductors. It offers maximum protection against static and dynamic bending stresses at the cable suspension point.

FEATURES AND BENEFITS

- Reduces negative effects of wind-induced cable motion, such as aeolian vibration, sub-span oscillation and galloping
- Cushioned insert surrounds the conductor to provide superior protection against wind- and ice-induced dynamic forces
- Aluminum alloy reinforcement is molded into each insert half to provide increased stiffness
- Housing halves are captured by an aluminum strap to create minimal compressive load on the conductor
- Compatible with standard PLP attachment hardware
- PARROT-BILL® rod ends can be supplied for EHV applications (345 kV+)
- Standard version is designed for up to 200°C continuous operation
- High-Temperature version available for 250°C continuous operation

COMPONENTS



ARMOR-GRIP® Suspension

Characteristic	Specification
Unbalanced/Slip Load	20% of conductor rated breaking strength
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ranges)
Maximum Line Angle	30° for single suspension, 60° for double suspension

DESIGN INFORMATION

PARROT-BILL® Ends

To meet the corona onset and RIV requirements for most extra high-voltage applications (345 kV and higher applications), PARROT-BILL Ends are to be used instead of the standard ball-end rods. Consult PLP for questions on EHV applications.

Rod End Treatment

Application-specific rod end options help maximize durability and strength



O.D. CALCULATIONS

Applied overall diameter computed as follows:

The rod diameter can be obtained from the catalog page tables. Conductor/Strand O.D. can be found in the Conductor Chart, General Information section.

Rod Diameter	$0.167" \times 2 = 0.334"$
Conductor Diameter	$+ 0.398"$
Total Applied O.D.	$0.732"$

Thermal Rating (Continuous) within a high-temperature Suspension Clamp: 250°C



ORDERING INFORMATION

- Select the appropriate catalog number for the ARMOR-GRIP® Suspension from the table below based on the diameter of the conductor
- For Double ARMOR-GRIP Suspension applications, order the double suspension, a yoke plate, a hardware fitting to connect the yoke plate to the structure, and two identical hardware fittings to connect the suspensions to the yoke plate (**EXAMPLE: YP-5910, AGS-5831YC, and SC-50**)

ARMOR-GRIP Suspension Catalog Number

AGS- X X X
(Section 1) (Section 2) (Section 3)

Catalog Number Example: AGS-5130HT

Includes (1) ARMOR-GRIP Suspension with High-Temperature solutions.

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
5156	0.304 - 0.315	7.72 - 8.00	0.102 (2.6)	26 (660.4)	10	Brown
5157	0.316 - 0.327	8.01 - 8.30	0.102 (2.6)	26 (660.4)	11	Red
5158	0.328 - 0.342	8.31 - 8.68	0.102 (2.6)	26 (660.4)	11	Orange
5159	0.343 - 0.355	8.69 - 9.01	0.102 (2.6)	26 (660.4)	11	Black
5160	0.356 - 0.374	9.02 - 9.49	0.102 (2.6)	26 (66.4)	12	Green
5161	0.375 - 0.389	9.50 - 9.88	0.102 (2.6)	26 (660.4)	12	Purple
5162	0.390 - 0.404	9.89 - 10.26	0.128 (3.2)	36 (914.4)	11	Yellow
5163	0.405 - 0.418	10.27 - 10.62	0.128 (3.2)	36 (914.4)	11	Brown
5164	0.419 - 0.434	10.63 - 11.02	0.128 (3.2)	36 (914.4)	11	Green
5165	0.435 - 0.450	11.03 - 11.43	0.128 (3.2)	36 (914.4)	11	Blue
5166	0.451 - 0.470	11.44 - 11.93	0.128 (3.2)	36 (914.4)	12	White

Section 2

Suffix Code	Type
Leave Blank	Standard
HT	High-Tempertaure

Section 3

Suffix Code	Type
Leave Blank	No attachment fittings
YC	Includes Y-Clevis Eye
CE	Includes Clevis Eye
SE	Includes Socket Eye

ORDERING INFORMATION

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
5167	0.471 - 0.481	11.94 - 12.22	0.128 (3.2)	36 (914.4)	12	Green
5155	0.482 - 0.499	12.23 - 12.67	0.167 (4.2)	40 (1016.0)	10	Red
5100	0.500 - 0.512	12.68 - 13.00	0.167 (4.2)	40 (1016.0)	10	Blue
5101	0.513 - 0.530	13.01 - 13.46	0.167 (4.2)	41 (1041.4)	11	Green
5102	0.531 - 0.542	13.47 - 13.77	0.167 (4.2)	41 (1041.4)	11	Yellow
5103	0.543 - 0.555	13.78 - 14.10	0.182 (4.6)	44 (1117.6)	10	Black
5104	0.556 - 0.573	14.11 - 14.55	0.182 (4.6)	44 (1117.6)	11	White
5105	0.574 - 0.594	14.56 - 15.10	0.182 (4.6)	45 (1143.0)	11	Brown
5106	0.595 - 0.606	15.11 - 15.39	0.182 (4.6)	46 (1168.4)	11	Orange
5107	0.607 - 0.619	15.40 - 15.73	0.182 (4.6)	46 (1168.4)	11	Purple
5108	0.620 - 0.645	15.74 - 16.38	0.182 (4.6)	50 (1270.0)	12	Red
5109	0.646 - 0.673	16.39 - 17.10	0.204 (5.2)	54 (1371.6)	11	Blue
5110	0.674 - 0.690	17.11 - 17.53	0.204 (5.2)	54 (1371.6)	11	Green
5111	0.691 - 0.710	17.54 - 18.03	0.204 (5.2)	54 (1371.6)	12	Yellow
5112	0.711 - 0.731	18.04 - 18.57	0.204 (5.2)	55 (1397.0)	12	Black
5113	0.732 - 0.750	18.58 - 19.05	0.204 (5.2)	56 (1422.4)	12	White
5114	0.751 - 0.768	19.06 - 19.50	0.250 (6.3)	60 (1524.0)	10	Brown
5115	0.769 - 0.795	19.51 - 20.19	0.250 (6.3)	60 (1524.0)	11	Orange
5116	0.796 - 0.824	20.20 - 20.93	0.250 (6.3)	61 (1549.4)	11	Purple
5117	0.825 - 0.845	20.94 - 21.47	0.250 (6.3)	64 (1625.6)	11	Red
5118	0.846 - 0.870	21.48 - 22.10	0.250 (6.3)	64 (1625.6)	11	Blue
5119	0.871 - 0.893	22.11 - 22.68	0.250 (6.3)	65 (1651.0)	12	Green
5120	0.894 - 0.907	22.69 - 23.03	0.250 (6.3)	65 (1651.0)	12	Green



ORDERING INFORMATION

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5121	5500	0.908 - 0.920	23.04 - 23.37	0.250 (6.3)	66 (1676.4)	12	Yellow
5122	5501	0.921 - 0.937	23.38 - 23.80	0.250 (6.3)	66 (1676.4)	12	Black
5123	5502	0.938 - 0.962	23.81 - 24.43	0.250 (6.3)	67 (1701.8)	12	White
5124	5503	0.963 - 0.986	24.44 - 25.04	0.250 (6.3)	68 (1727.2)	13	Brown
5125	5504	0.987 - 1.005	25.05 - 25.53	0.250 (6.3)	69 (1752.6)	13	Orange
5126	5505	1.006 - 1.022	25.54 - 25.96	0.310 (7.8)	80 (2032.8)	11	Purple
5127	5506	1.023 - 1.040	25.97 - 26.42	0.310 (7.8)	82 (2082.8)	11	Red
5128	5507	1.041 - 1.074	26.43 - 27.28	0.310 (7.8)	82 (2082.8)	11	Blue
5129	5508	1.075 - 1.090	27.29 - 27.69	0.310 (7.8)	82 (2082.8)	12	Green
5130	5509	1.091 - 1.118	27.70 - 28.40	0.310 (7.8)	82 (2082.8)	12	Yellow
5131	5510	1.119 - 1.136	28.41 - 28.85	0.310 (7.8)	82 (2082.8)	12	Black
5132	5511	1.137 - 1.152	28.86 - 29.26	0.310 (7.8)	82 (2082.8)	12	White
5133	5512	1.153 - 1.175	29.27 - 29.85	0.310 (7.8)	82 (2082.8)	12	Brown
5134	5513	1.176 - 1.208	29.86 - 30.68	0.310 (7.8)	82 (2082.8)	12	Orange
5135	5514	1.209 - 1.226	30.69 - 31.14	0.310 (7.8)	88 (2235.2)	11	Purple
5136	5515	1.227 - 1.259	31.15 - 31.98	0.365 (9.3)	88 (2235.2)	11	Red
5137	5516	1.260 - 1.286	31.99 - 32.67	0.365 (9.3)	88 (2235.2)	12	Blue
5138	5517	1.287 - 1.314	32.68 - 33.38	0.365 (9.3)	88 (2235.2)	12	Green
5139	5518	1.315 - 1.355	33.39 - 34.42	0.365 (9.3)	88 (2235.2)	12	Yellow
5140	5519	1.356 - 1.394	34.43 - 35.41	0.365 (9.3)	88 (2235.2)	12	Black
5141	5520	1.395 - 1.416	35.42 - 35.97	0.365 (9.3)	88 (2235.2)	13	White
5142	5521	1.417 - 1.442	35.98 - 36.62	0.365 (9.3)	88 (2235.2)	13	Brown
5143	5522	1.443 - 1.477	36.63 - 37.52	0.365 (9.3)	88 (2235.2)	13	Orange

ORDERING INFORMATION

Section 1: Single ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5144	5523	1.478 - 1.516	37.53 - 38.51	0.365 (9.3)	88 (2235.2)	13	Purple
5145	5524	1.517 - 1.557	38.52 - 39.55	0.365 (9.3)	88 (2235.2)	13	Red
5146	5525	1.558 - 1.579	39.56 - 40.11	0.365 (9.3)	100 (2540.0)	14	Blue
5147	5526	1.580 - 1.612	40.12 - 40.95	0.365 (9.3)	100 (2540.0)	14	Green
5148	5527	1.613 - 1.650	40.96 - 41.91	0.365 (9.3)	100 (2540.0)	14	Yellow
5149	5528	1.651 - 1.688	41.92 - 42.82	0.365 (9.3)	100 (2540.0)	15	Black
5150	5529	1.689 - 1.711	42.83 - 43.46	0.365 (9.3)	100 (2540.0)	15	White
5151	5530	1.712 - 1.752	43.47 - 44.50	0.365 (9.3)	100 (2540.0)	15	Brown
5152	5531	1.753 - 1.790	44.51 - 45.47	0.365 (9.3)	100 (2540.0)	15	Orange
5153	5532	1.791 - 1.828	45.48 - 46.43	0.365 (9.3)	100 (2540.0)	15	Purple
5168		1.829 - 1.882	46.42 - 47.80	0.365 (9.3)	100 (2540.0)	16	Red
5177		2.193 - 2.233	55.70 - 56.70	0.365 (9.3)	100 (2540.0)	18	Red



ORDERING INFORMATION

Section 1: Double ARMOR-GRIP® Suspension (Continued)

Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
5888	0.304 - 0.315	7.72 - 8.00	0.102 (2.6)	38 (965.2)	10	Brown
5889	0.316 - 0.327	8.01 - 8.30	0.102 (2.6)	38 (965.2)	11	Red
5890	0.328 - 0.342	8.31 - 8.68	0.102 (2.6)	38 (965.2)	11	Orange
5891	0.343 - 0.355	8.69 - 9.01	0.102 (2.6)	38 (965.2)	11	Black
5892	0.356 - 0.374	9.02 - 9.49	0.102 (2.6)	38 (965.2)	12	Green
5893	0.375 - 0.389	9.50 - 9.88	0.102 (2.6)	38 (965.2)	12	Purple
5894	0.390 - 0.404	9.89 - 10.26	0.128 (3.3)	48 (1219.2)	11	Yellow
5895	0.405 - 0.418	10.27 - 10.62	0.128 (3.3)	48 (1219.2)	11	Brown
5896	0.419 - 0.434	10.63 - 11.02	0.128 (3.3)	48 (1219.2)	11	Green
5897	0.435 - 0.450	11.03 - 11.43	0.128 (3.3)	48 (1219.2)	11	Blue
5898	0.451 - 0.470	11.44 - 11.93	0.128 (3.3)	48 (1219.2)	12	White
5899	0.471 - 0.481	11.94 - 12.22	0.128 (3.3)	48 (1219.2)	12	Green
5800	0.482 - 0.499	12.23 - 12.67	0.167 (4.2)	53 (1346.2)	10	Red
5801	0.500 - 0.512	12.68 - 13.00	0.167 (4.2)	53 (1346.2)	10	Blue
5802	0.513 - 0.530	13.01 - 13.46	0.167 (4.2)	53 (1346.2)	11	Green
5803	0.531 - 0.542	13.47 - 13.77	0.167 (4.2)	53 (1346.2)	11	Yellow
5804	0.543 - 0.555	13.78 - 14.10	0.182 (4.6)	58 (1473.2)	10	Black
5805	0.556 - 0.573	14.11 - 14.55	0.182 (4.6)	58 (1473.2)	11	White
5806	0.574 - 0.594	14.56 - 15.10	0.182 (4.6)	58 (1473.2)	11	Brown
5807	0.595 - 0.606	15.11 - 15.39	0.182 (4.6)	58 (1473.2)	11	Orange
5808	0.607 - 0.619	15.40 - 15.73	0.182 (4.6)	58 (1473.2)	11	Purple
5809	0.620 - 0.645	15.74 - 16.38	0.182 (4.6)	66 (1676.4)	12	Red
5810	0.646 - 0.673	16.39 - 17.10	0.204 (5.2)	72 (1828.8)	11	Blue

ORDERING INFORMATION

Section 1: Double ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5811		0.674 - 0.690	17.11 - 17.53	0.204 (5.2)	72 (1828.8)	11	Green
5812		0.691 - 0.710	17.54 - 18.03	0.204 (5.2)	72 (1828.8)	12	Yellow
5813		0.711 - 0.731	18.04 - 18.57	0.204 (5.2)	72 (1828.8)	12	Black
5814		0.732 - 0.750	18.58 - 19.05	0.204 (5.2)	72 (1828.8)	12	White
5815		0.751 - 0.768	19.06 - 19.50	0.250 (6.4)	78 (1981.2)	10	Brown
5816		0.769 - 0.795	19.51 - 20.19	0.250 (6.4)	78 (1981.2)	11	Orange
5817		0.796 - 0.824	20.20 - 20.93	0.250 (6.4)	78 (1981.2)	11	Purple
5818		0.825 - 0.845	20.94 - 21.47	0.250 (6.4)	82 (2082.8)	11	Red
5819		0.846 - 0.870	21.48 - 22.10	0.250 (6.4)	82 (2082.8)	11	Blue
5820		0.871 - 0.893	22.11 - 22.68	0.250 (6.4)	82 (2082.8)	12	Green
5821		0.894 - 0.907	22-69 - 23.03	0.250 (6.4)	82 (2082.8)	12	Green
5822	5855	0.908 - 0.920	23.04 - 23.37	0.250 (6.4)	90 (2286.0)	12	Yellow
5823	5856	0.921 - 0.937	23.38 - 23.80	0.250 (6.4)	90 (2286.0)	12	Black
5824	5857	0.938 - 0.962	23.81 - 24.43	0.250 (6.4)	90 (2286.0)	12	White
5825	5858	0.963 - 0.986	24.44 - 25.04	0.250 (6.4)	90 (2286.0)	13	Brown
5826	5859	0.987 - 1.005	25.05 - 25.53	0.250 (6.4)	90 (2286.0)	13	Orange
5827	5860	1.006 - 1.022	25.54 - 25.96	0.310 (7.9)	108 (2743.2)	11	Purple
5828	5861	1.023 - 1.040	25.97 - 26.42	0.310 (7.9)	108 (2743.2)	11	Red
5829	5862	1.041 - 1.074	26.43 - 27.28	0.310 (7.9)	108 (2743.2)	11	Blue
5830	5863	1.075 - 1.090	27.29 - 27.69	0.310 (7.9)	108 (2743.2)	12	Green
5831	5864	1.091 - 1.118	27.70 - 28.40	0.310 (7.9)	108 (2743.2)	12	Yellow
5832	5865	1.119 - 1.136	28.41 - 28.85	0.310 (7.9)	108 (2743.2)	12	Black
5833	5866	1.137 - 1.152	28.86 - 29.26	0.310 (7.9)	108 (2743.2)	12	White

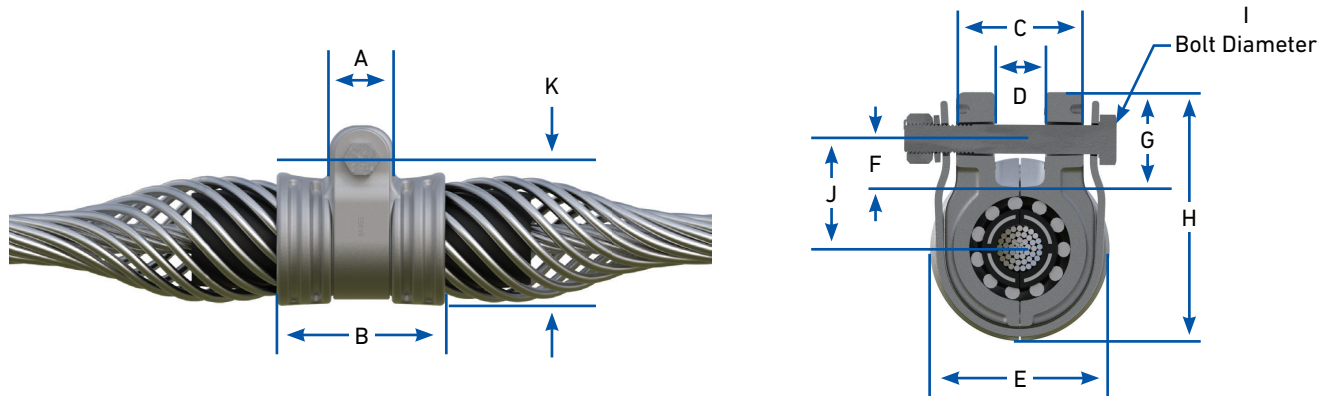


ORDERING INFORMATION

Section 1: Double ARMOR-GRIP® Suspension (Continued)

Range Number	EHV Range Number	Diameter Range		Rod Diameter	Rod Length	Rods per Set	Color Code
		in	mm	in (mm)	in (mm)		
5834	5867	1.153 - 1.175	29.27 - 29.85	0.310 (7.9)	108 (2743.2)	12	Brown
5835	5868	1.176 - 1.208	29.86 - 30.68	0.310 (7.9)	108 (2743.2)	12	Orange
5836	5869	1.209 - 1.226	30.69 - 31.14	0.365 (9.3)	117 (2971.8)	11	Purple
5837	5870	1.227 - 1.259	31.15 - 31.98	0.365 (9.3)	117 (2971.8)	11	Red
5838	5871	1.260 - 1.286	31.99 - 32.67	0.365 (9.3)	117 (2971.8)	12	Blue
5839	5872	1.287 - 1.314	32.68 - 33.38	0.365 (9.3)	117 (2971.8)	12	Green
5840	5873	1.315 - 1.355	33.39 - 34.42	0.365 (9.3)	117 (2971.8)	12	Yellow
5841	5874	1.356 - 1.394	34.43 - 35.41	0.365 (9.3)	120 (3048.0)	12	Black
5842	5875	1.395 - 1.416	35.42 - 35.97	0.365 (9.27)	120 (3048.0)	13	White
5843	5876	1.417 - 1.442	35.98 - 36.62	0.365 (9.3)	120 (3048.0)	13	Brown
5844	5877	1.443 - 1.477	36.63 - 37.52	0.365 (9.3)	120 (3048.0)	13	Orange
5845	5878	1.478 - 1.516	37.53 - 38.51	0.365 (9.3)	120 (3048.0)	13	Purple
5846	5879	1.517 - 1.557	38.52 - 39.55	0.365 (9.3)	120 (3048.0)	13	Red
5847	5880	1.558 - 1.579	39.56 - 40.11	0.365 (9.3)	137 (3479.8)	14	Blue
5848	5881	1.580 - 1.612	40.12 - 40.95	0.365 (9.3)	137 (3479.8)	14	Green
5849	5882	1.613 - 1.650	40.96 - 41.91	0.365 (9.3)	137 (3479.8)	14	Yellow
5850	5883	1.651 - 1.688	41.92 - 42.82	0.365 (9.3)	137 (3479.8)	15	Black
5851	5884	1.689 - 1.711	42.83 - 43.46	0.365 (9.3)	137 (3479.8)	15	White
5852	5885	1.712 - 1.752	43.47 - 44.50	0.365 (9.27)	137 (3479.8)	15	Brown
5853	5886	1.753 - 1.790	44.51 - 45.47	0.365 (9.3)	137 (3479.8)	15	Orange
5854	5887	1.791 - 1.828	45.48 - 46.43	0.365 (9.3)	137 (3479.8)	15	Purple

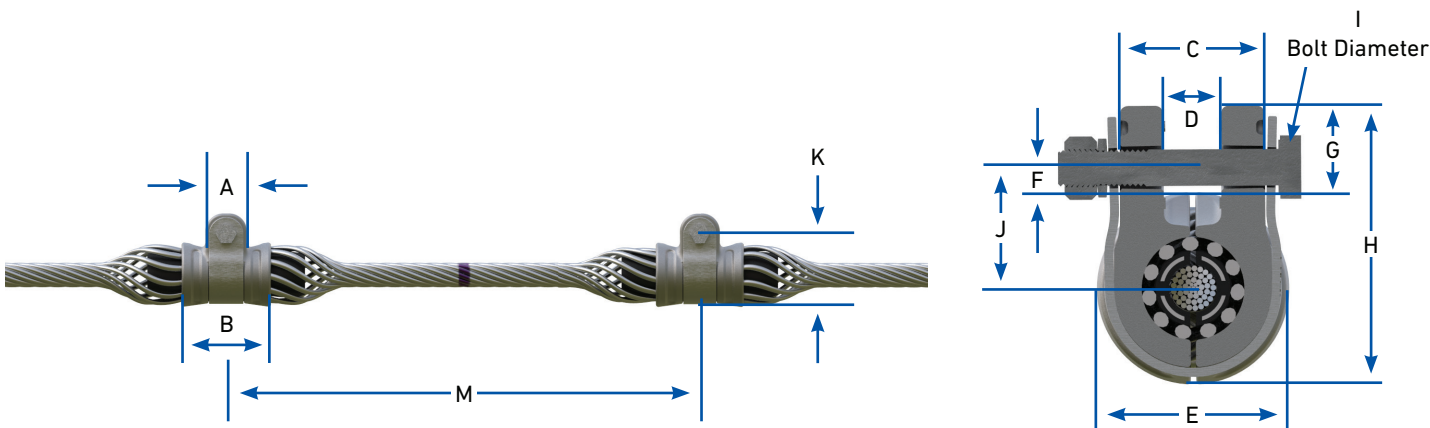
DIMENSIONS



Single ARMOR-GRIP® Suspension

Conductor Range		Dimensions											Vertical Ultimate Load
		in (mm)											
in	mm	A	B	C	D	E	F	G	H	I	J	K	lb (kN)
0.304 - 0.389	7.72 - 9.88	1-3/4 (44.5)	2-1/4 (57.2)	1-1/4 (31.8)	11/16 (17.5)	2-1/16 (52.4)	1-5/32 (29.4)	2-1/32 (51.6)	4-3/32 (104.0)	5/8 (15.9)	2-1/32 (51.6)	3-7/32 (81.8)	15,000 (67)
0.390 - 0.481	9.90 - 12.22	1-3/4 (44.5)	2-1/2 (63.5)	1-5/16 (33.3)	11/16 (17.5)	2-1/4 (57.2)	1-3/32 (27.8)	1-31/32 (50.0)	4-3/32 (104.0)	5/8 (15.9)	2-3/32 (53.2)	3-7/32 (81.8)	15,000 (67)
0.482 - 0.542	12.24 - 13.77	1-5/8 (41.3)	3 (76.2)	1-13/16 (46.0)	5/8 (15.9)	2-3/8 (60.3)	1 (25.4)	1-9/16 (39.7)	4 (101.6)	5/8 (15.9)	2 (50.8)	3-3/16 (81.0)	10,000 (44)
0.543 - 0.645	13.79 - 16.38	1-3/4 (44.5)	3-1/2 (88.9)	2-3/32 (53.2)	29/32 (23.0)	2-5/8 (66.7)	1 (25.4)	1-15/16 (49.2)	4-1/16 (101.2)	5/8 (15.9)	1-13/16 (46.0)	3-1/8 (79.4)	10,000 (44)
0.646 - 0.750	16.4 - 19.05	1-13/16 (46.0)	3-3/4 (95.3)	2-1/32 (51.6)	25/32 (19.8)	2-25/32 (70.6)	15/16 (23.8)	1-7/8 (47.6)	4-3/16 (106.4)	5/8 (15.9)	1-7/8 (47.6)	3-1/4 (82.6)	15,000 (67)
0.751 - 0.907	19.07 - 23.03	2-1/8 (54.0)	4-17/32 (115.1)	2-1/2 (63.5)	1 (25.4)	3-9/32 (83.3)	1 (25.4)	2-1/16 (52.4)	4-3/4 (120.7)	5/8 (15.9)	2-1/16 (52.4)	3-23/32 (94.5)	20,000 (89)
0.908 - 1.005	23.06 - 25.53	2 (50.8)	5 (127.0)	2-13/16 (71.5)	1-1/16 (27.0)	3-11/16 (93.6)	1-7/32 (31.0)	2-7/32 (31.0)	5-3/8 (136.5)	5/8 (15.9)	2-9/16 (65.1)	4-3/8 (111.1)	20,000 (89)
1.006 - 1.208	25.55 - 30.68	2-1/4 (57.2)	5-1/2 (139.7)	3-5/16 (81.1)	1-5/16 (33.3)	4-5/32 (105.6)	1 (25.4)	2-1/8 (54.0)	5-1/2 (139.7)	5/8 (15.9)	2-5/16 (58.7)	4-3/8 (111.1)	25,000 (111)
1.209 - 1.355	30.7 - 34.42	2-11/32 (59.5)	6 (152.4)	3-1/2 (88.9)	1-1/2 (38.1)	4-23/32 (119.9)	1-1/4 (31.8)	2-15/32 (62.7)	6-3/8 (161.9)	3/4 (19.1)	2-13/16 (71.4)	5-3/16 (131.8)	25,000 (111)
1.356 - 1.557	34.44 - 39.55	2-11/32 (59.5)	6-1/2 (165.1)	4 (101.6)	1-5/8 (41.3)	5-1/32 (127.8)	1-1/8 (28.6)	2-1/4 (57.2)	6-15/32 (164.3)	3/4 (19.1)	2-31/32 (75.4)	5-3/16 (131.8)	25,000 (111)
1.558 - 1.882	39.57 - 47.8	2-9/16 (65.1)	7.0 (177.8)	4-1/2 (114.3)	2-1/2 (63.5)	5-15/32 (138.9)	1-1/8 (28.6)	2-3/8 (60.3)	7 (177.8)	3/4 (19.1)	2-31/32 (75.4)	5-3/4 (146.1)	25,000 (111)
1.883 - 2.233	47.82 - 56.72	2-19/32 (65.9)	7-1/2 (190.5)	4-31/32 (126.2)	2-19/32 (65.9)	6-1/16 (154.0)	1-3/16 (30.2)	2-7/16 (61.9)	7-1/2 (190.5)	3/4 (19.1)	3-7/32 (81.8)	6-1/4 (158.8)	30,000 (133)

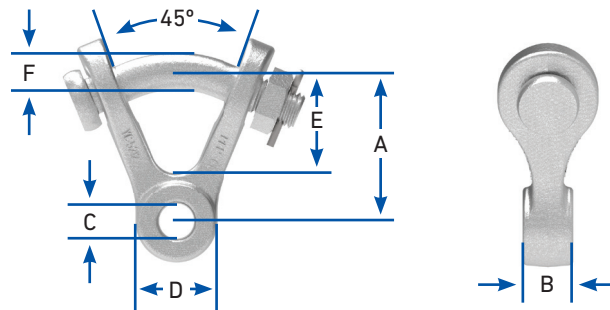
DIMENSIONS



Double ARMOR-GRIP® Suspension

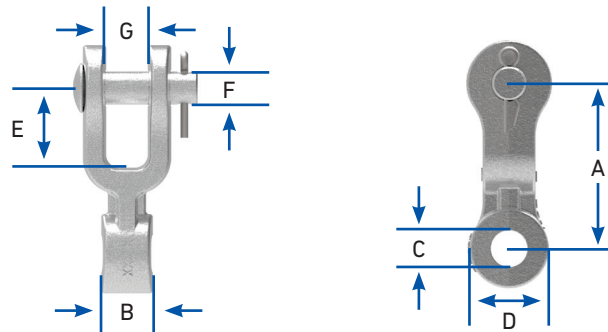
Conductor Range		Dimensions												Vertical Ultimate Load
		in (mm)												
in	mm	A	B	C	D	E	F	G	H	I	J	K	M	lb (kN)
0.304 - 0.389	7.72 - 9.88	1-3/4 (44.5)	2-1/4 (57.2)	1-1/4 (31.8)	11/16 (17.5)	2-1/16 (52.4)	1-5/32 (29.4)	2-1/32 (51.6)	4-3/32 (104.0)	5/8 (15.9)	2-1/32 (51.6)	3-7/32 (81.8)	12 (304.8)	30,000 (133)
0.390 - 0.481	9.90 - 12.22	1-3/4 (44.5)	2-1/2 (63.5)	1-5/16 (33.3)	11/16 (17.5)	2-1/4 (57.2)	1-3/32 (27.8)	1-31/32 (50.0)	4-3/32 (104.0)	5/8 (15.9)	2-3/32 (53.2)	3-7/32 (81.8)	12 (304.8)	30,000 (133)
0.482 - 0.542	12.24 - 13.77	1-5/8 (41.3)	3 (76.2)	1-13/16 (46.0)	5/8 (15.9)	2-3/8 (60.3)	1 (25.4)	1-9/16 (39.7)	4 (101.6)	5/8 (15.9)	2 (50.8)	3-3/16 (81.0)	12 (304.8)	20,000 (89)
0.543 - 0.619	13.79 - 15.73	1-3/4 (44.5)	3-1/2 (88.9)	2-3/32 (53.2)	29/32 (23.0)	2-5/8 (66.7)	1 (25.4)	1-15/16 (49.2)	4-1/16 (101.2)	5/8 (15.9)	1-13/16 (46.0)	3-1/8 (79.4)	12 (304.8)	20,000 (89)
0.620 - 0.645	15.75 - 16.38	1-3/4 (44.5)	3-1/2 (88.9)	2-3/32 (53.2)	29/32 (23.0)	2-5/8 (66.7)	1 (25.4)	1-15/16 (49.2)	4-1/16 (101.2)	5/8 (15.9)	1-13/16 (46.0)	3-1/8 (79.4)	18 (457.2)	20,000 (89)
0.646 - 0.750	16.40 - 19.05	1-13/16 (46.0)	3-3/4 (95.3)	2-1/32 (51.6)	25/32 (19.8)	2-25/32 (70.6)	15/16 (23.8)	1-7/8 (47.6)	4-3/16 (106.4)	5/8 (15.9)	1-7/8 (47.6)	3-1/4 (82.6)	18 (457.2)	30,000 (133)
0.751 - 0.907	19.07 - 23.03	2-1/8 (54.0)	4-17/32 (115.1)	2-1/2 (63.5)	1 (25.4)	3-9/32 (83.3)	1 (25.4)	2-1/16 (52.4)	4-3/4 (120.7)	5/8 (15.9)	2-1/16 (52.4)	3-23/32 (94.5)	18 (457.2)	40,000 (178)
0.908 - 1.005	23.06 - 25.53	2 (50.8)	5 (127.0)	2-13/16 (71.4)	1-1/16 (27.0)	3-11/16 (93.6)	1-7/32 (31.0)	2-7/32 (56.4)	5-3/8 (136.5)	5/8 (15.9)	2-9/16 (65.1)	4-3/8 (111.1)	22 (558.8)	40,000 (178)
1.006 - 1.208	25.55 - 30.68	2-1/4 (57.2)	5-1/2 (139.7)	3-5/16 (81.1)	1-5/16 (33.0)	4-5/32 (105.6)	1 (25.4)	2-1/8 (54.0)	5-1/2 (139.7)	5/8 (15.9)	2-5/16 (58.7)	4-3/8 (111.1)	26 (660.4)	50,000 (222)
1.209 - 1.355	30.70 - 34.42	2-11/32 (59.5)	6 (152.4)	3-1/2 (88.9)	1-1/2 (38.1)	4-23/32 (119.9)	1-1/4 (31.8)	2-15/32 (62.7)	6-3/8 (161.9)	3/4 (19.1)	2-13/16 (71.4)	5-3/16 (131.8)	29 (736.6)	50,000 (222)
1.356 - 1.557	34.44 - 39.55	2-11/32 (59.5)	6-1/2 (165.1)	4 (101.6)	1-5/8 (41.3)	5-1/32 (127.8)	1-1/8 (28.6)	2-1/4 (57.2)	6-15/32 (164.3)	3/4 (19.1)	2-13/16 (71.4)	5-3/16 (131.8)	32 (812.8)	50,000 (222)
1.558 - 1.882	39.57 - 47.80	2-9/16 (65.1)	7 (177.8)	4-1/2 (114.3)	2-1/2 (63.5)	5-15/32 (138.9)	1-1/8 (28.6)	2-3/8 (60.3)	7 (177.8)	3/4 (19.1)	2-31/32 (75.4)	5-3/4 (146.1)	37 (939.8)	50,000 (222)
1.883 - 2.233	47.82 - 56.72	2-19/32 (65.9)	7-1/2 (190.5)	4-31/32 (126.2)	2-19/32 (65.9)	6-1/16 (154.0)	1-3/16 (30.2)	2-7/16 (61.9)	7-1/2 (190.5)	3/4 (19.1)	3-7/32 (81.8)	6-1/4 (158.8)	42 (1066.8)	60,000 (267)

HARDWARE FITTINGS



Y-Clevis Eye

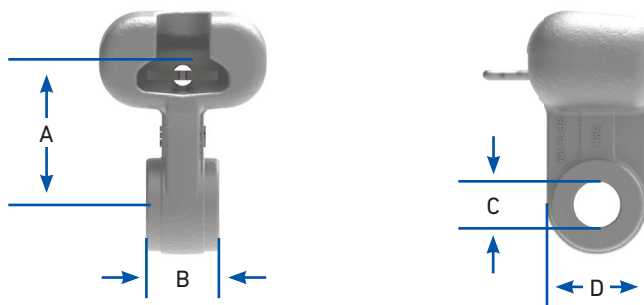
Catalog Number	Conductor Size Range		Dimensions						Maximum Vertical Load
			in (mm)						
	in	mm	A	B	C	D	E	F	lb (kN)
YC-5206	0.272 - 0.750	6.91 - 19.05	2-19/32 (66.0)	5/8 (15.9)	11/16 (17.5)	1-5/8 (41.3)	1-3/4 (44.5)	3/4 (19.0)	15,000 (67)
YC-5207	0.751 - 1.005	19.06 - 25.53	2-9/16 (65.3)	3/4 (19.0)	11/16 (17.5)	1-5/8 (41.3)	1-3/4 (44.5)	3/4 (19.0)	20,000 (89)
YC-5209	1.006 - 1.557	25.54 - 39.55	2-5/8 (66.3)	1-1/16 (27.0)	13/16 (20.6)	1-5/8 (41.3)	1-21/32 (42.0)	3/4 (19.0)	25,000 (111)
YC-5211	1.558 - 2.233	39.56 - 56.72	2-5/8 (66.3)	2-1/8 (54.0)	13/16 (20.6)	1-5/8 (41.3)	1-21/32 (42.0)	3/4 (19.0)	25,000 (111)



Clevis Eye

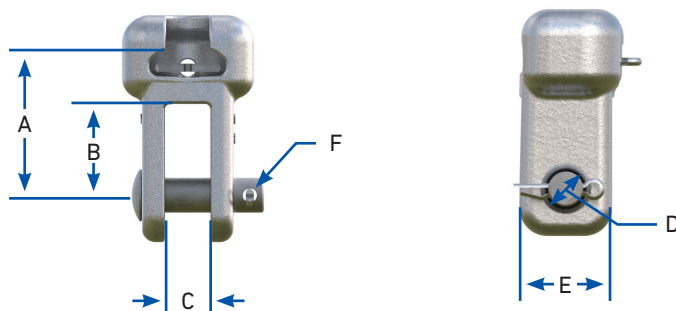
Catalog Number	Conductor Size Range		Dimensions							Maximum Vertical Load
			in (mm)							
	in	mm	A	B	C	D	E	F	G	lb (kN)
CE-5259	0.272 - 0.750	6.91 - 19.05	3-1/8 (79.4)	1/2 (17.5)	11/16 (17.5)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	15,000 (67)
CE-5261	0.751 - 1.005	19.06 - 25.53	3-1/8 (79.4)	3/4 (19.0)	11/16 (17.5)	1-9/16 (39.6)	1-3/16 (30.2)	5/8 (15.9)	13/16 (20.6)	20,000 (89)
CE-5105	1.006 - 1.557	25.54 - 39.55	3-1/8 (79.4)	1-1/16 (27.0)	13/16 (20.6)	1-1/2 (38.1)	1-3/16 (30.2)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
CE-5106	1.558 - 2.233	39.56 - 56.72	3-1/8 (79.4)	2-1/8 (54.0)	13/16 (20.6)	1-1/2 (38.1)	1-3/16 (30.2)	5/8 (15.9)	13/16 (20.6)	25,000 (111)

HARDWARE FITTINGS



Socket Eye

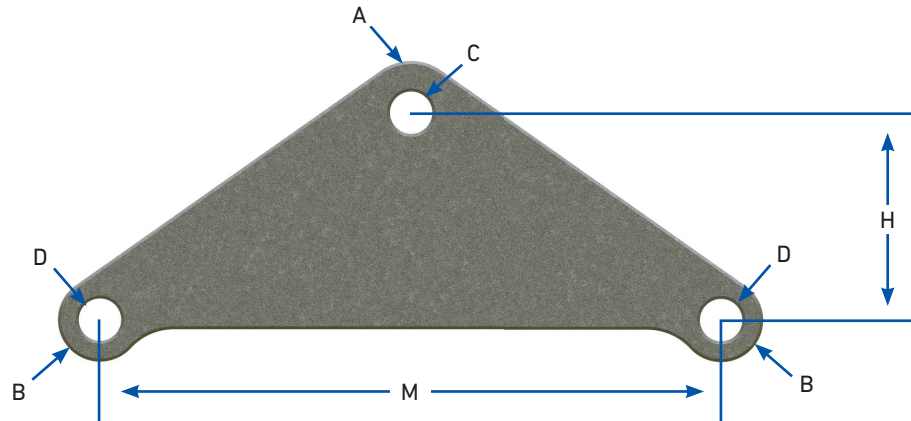
Catalog Number	Conductor Size Range		Dimensions				Maximum Vertical Load	For Use with Insulators ANSI Class Spec C-29.2-71
			in (mm)					
	in (mm)	mm	A	B	C	D	lb (kN)	
SE-5150	0.272 - 0.750	6.91 - 19.05	2-5/16 (58.8)	1/2 (12.7)	11/16 (17.5)	1-1/2 (38.1)	15,000 (67)	52-3 & 52-5
SE-5152	0.751 - 1.005	19.06 - 25.53	2-1/8 (54.0)	3/4 (19.0)	11/16 (17.5)	1-3/4 (44.5)	25,000 (111)	
SE-5154	1.006 - 1.557	25.54 - 39.55	2-5/16 (58.8)	1-1/16 (27.0)	13/16 (20.6)	1-3/4 (44.5)	25,000 (111)	
SE-5155	1.558 - 2.233	39.56 - 56.72	2-5/16 (8.8)	2-1/8 (54.0)	13/16 (20.6)	1-3/4 (44.5)	30,000 (133)	



Socket Clevis

Catalog Number	Dimensions						Maximum Vertical Load	For use with Insulators per ANSI Class Spec C29.2-71
	in (mm)							
	A	B	C	D	E	F	lb (kN)	
SC-5194	2-5/8 (66.7)	1-5/8 (41.3)	13/16 (20.6)	11/16 (17.5)	1-3/4 (44.5)	5/8 (15.9)	30,000 (133)	52-3 & 52-5
SC-50	2-13/16 (71.4)	2-1/4 (57.0)	1-1/8 (28.6)	15/16 (23.8)	2-1/16 (53.0)	7/8 (22.2)	50,000 (222)	52-8 & 52-11

HARDWARE FITTINGS



Yoke Plate

Catalog Number	Dimensions						Plate Thickness	Maximum Vertical Load
	in (mm)							
	A	B	C	D	M	H	in	lb (kN)
	Radius	Radius	Diameter	Diameter				
YP-5907	1 (25.4)	13/16 (20.6)	13/16 (20.6)	13/16 (20.6)	12 (304.8)	4 (101.6)	1/2 (12.7)	30,000 (133)
YP-5908	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	18 (457.2)	6-1/4 (158.8)	5/8 (15.9)	40,000 (178)
YP-5909	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	22 (558.8)	7-1/4 (184.2)	5/8 (15.9)	40,000 (178)
YP-5910	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	26 (660.4)	8-1/2 (215.9)	3/4 (19.0)	50,000 (222)
YP-5911	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	29 (736.6)	9-1/2 (241.3)	3/4 (19.0)	50,000 (222)
YP-5912	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	32 (812.8)	10-1/2 (266.7)	3/4 (19.0)	50,000 (222)
YP-5913	1-1/4 (31.8)	15/16 (23.8)	1 (25.4)	13/16 (20.6)	37 (939.8)	11-3/4 (298.45)	3/4 (19.0)	50,000 (222)

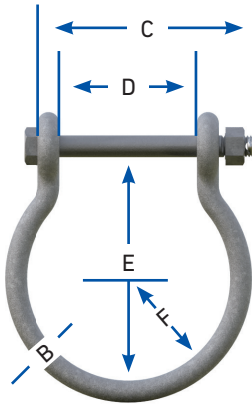
HARDWARE FITTINGS



Vertical Bundling Link

Catalog Number	Dimensions					Rated Strength
	in (mm)					lb (kN)
	AGS Range		Rod Diameter	Bolt Diameter	Center to Center	
	in	mm				
VBL-04	0.751 - 0.907	19.08 - 23.04	5/8 (15.8)	5/8 (15.8)	18 (457)	20,000 (89)
VBL-05	0.908 - 1.005	23.06 - 25.53	5/8 (15.8)	5/8 (15.8)	18 (457)	20,000 (89)
VBL-06	1.006 - 1.208	25.55 - 30.68	5/8 (15.8)	5/8 (15.8)	18 (457)	25,000 (111)
VBL-07	1.209 - 1.355	30.71 - 34.42	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)
VBL-08	1.356 - 1.557	34.44 - 39.55	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)
VBL-09	1.558 - 1.882	39.57 - 47.80	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)
VBL-10	1.883 - 2.233	47.83 - 56.72	3/4 (19.0)	3/4 (19.0)	18 (457)	30,000 (133)

HARDWARE FITTINGS



Hold Down Shackles

Catalog Number	Conductor Diameter Range		Dimensions						Maximum Hold Down Weight
	in	mm	in (mm)						lb (kg)
			Bolt Diameter	B	C	D	E	F	
HDS-01AGS	0.304 - 0.481	7.72 - 12.22	5/8 (15.9)	1/2 (12.7)	3-5/8 (92.0)	1-5/8 (41.3)	4 (101.6)	1-1/2 (38.1)	300 (136)
HDS-02AGS	0.482 - 0.750	12.23 - 19.05	5/8 (15.9)	1/2 (12.7)	4-3/8 (111.1)	2-3/8 (60.3)	4-7/8 (123.8)	1-7/8 (47.6)	300 (136)
HDS-03AGS	0.751 - 0.907	19.06 - 23.04	5/8 (15.9)	1/2 (12.7)	4-3/4 (120.7)	2-3/4 (69.9)	5-3/8 (136.5)	2-3/8 (60.3)	300 (136)
HDS-04AGS	0.908 - 1.005	23.05 - 25.53	5/8 (15.9)	1/2 (12.7)	5-1/8 (130.2)	3-1/8 (79.4)	5-1/2 (139.7)	2-1/2 (63.5)	300 (136)
HDS-05AGS	1.006 - 1.208	25.54 - 30.68	5/8 (15.9)	1/2 (12.7)	5-3/4 (146.1)	3-3/4 (95.3)	6-1/8 (155.6)	2-3/4 (69.9)	300 (136)
HDS-07AGS	1.209 - 1.355	30.69 - 34.42	3/4 (19.0)	5/8 (15.9)	6 (152.4)	3-3/4 (95.3)	6-1/4 (158.8)	3 (76.2)	800 (363)
HDS-09AGS	1.356 - 1.557	34.43 - 39.55	3/4 (19.0)	5/8 (15.9)	6-1/2 (165.1)	4-1/4 (108.0)	6-1/2 (165.1)	3 (76.2)	800 (363)
HDS-10AGS	1.558 - 1.828	39.56 - 46.43	3/4 (19.0)	5/8 (15.9)	7-1/8 (181.0)	4-7/8 (123.8)	7-1/4 (184.2)	3-1/4 (82.6)	800 (363)



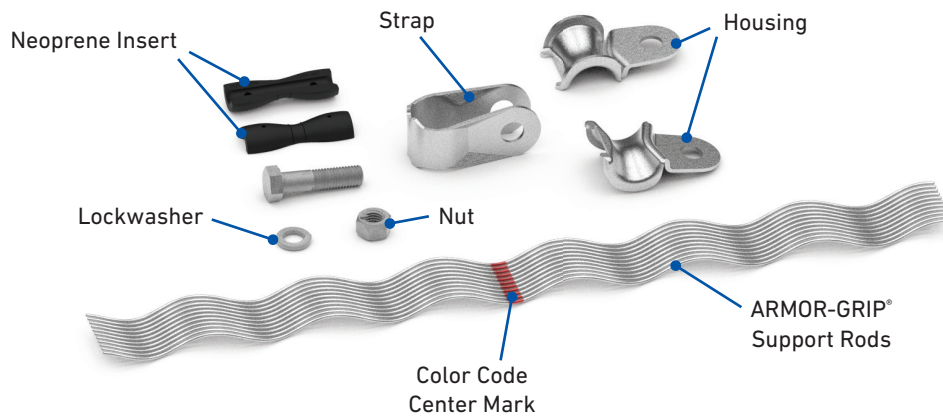
ARMOR-GRIP® SUSPENSION FOR OHSW

The **ARMOR-GRIP Suspension (AGS) for OHSW** is intended for use on aluminum clad steel and galvanized steel strand. It offers maximum protection against static and dynamic bending stresses at the cable support point.

FEATURES AND BENEFITS

- Reduces negative effects of wind-induced cable motion, such as aeolian vibration and galloping
- Inserts made from a specially engineered elastomer to resist deterioration from UV, weathering, extreme temperature variations, and compression set
- Aluminum alloy reinforcement is molded into each insert half to provide increased stiffness

COMPONENTS



ARMOR-GRIP® Suspension for OHSW

Characteristic	Specification
Unbalanced/Slip Load	10% of Strand RBS
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ranges)
Maximum Line Angle	30° for single suspension, 60° for double suspension



ORDERING INFORMATION

- Select the appropriate catalog number for the ARMOR-GRIP® Suspension from the table below based on the diameter of the strand.

Galvanized Steel

Catalog Number	Strand Size	Diameter Range		AGS Rods			Color Code
				Length	Rod Diameter	Rods per Set	
		in	mm	in	in (mm)		
AGS-7097	9/32", 7W	0.272 - 0.283	6.91 - 7.20	26 (S)	0.119 (3.0)	8	Blue
AGS-7797				38 (D)			
AGS-7098	-	0.284 - 0.294	7.21 - 7.47	26 (S)	0.119 (3.0)	9	Red
AGS-7798				38 (D)			
AGS-7099	-	0.295 - 0.303	7.48 - 7.70	26 (S)	0.119 (3.0)	9	Brown
AGS-7799				38 (D)			
AGS-7100	5/16", 7W EHS	0.304 - 0.315	7.71 - 8.00	26 (S)	0.119 (3.0)	9	Black
AGS-7800				38 (D)			
AGS-7101	5/16", 7W Utility	0.316 - 0.327	8.01 - 8.31	26 (S)	0.119 (3.0)	9	Green
AGS-7801				38 (D)			
AGS-7102	-	0.328 - 0.342	8.32 - 8.69	26 (S)	0.119 (3.0)	10	Purple
AGS-7802				38 (D)			
AGS-7103	-	0.343 - 0.355	8.70 - 9.02	26 (S)	0.119 (3.0)	10	Brown
AGS-7803				38 (D)			
AGS-7104	3/8", 7W EHS	0.356 - 0.374	9.03 - 9.50	26 (S)	0.119 (3.0)	10	Orange
AGS-7804				38 (D)			

ORDERING INFORMATION

Galvanized Steel

Catalog Number	Strand Size	Diameter Range		AGS Rods			Color Code
				Length	Rod Diameter	Rods per Set	
		in	mm	in	in (mm)		
AGS-7105	-	0.375 - 0.389	9.51 - 9.88	26 (S)	0.119 (3.0)	10	Blue
AGS-7805				38 (D)			
AGS-7106	-	0.390 - 0.404	9.89 - 10.26	36 (S)	0.138 (3.5)	10	Red
AGS-7806				48 (D)			
AGS-7107	-	0.405 - 0.418	10.27 - 10.62	36 (S)	0.138 (3.5)	10	Brown
AGS-7807				48 (D)			
AGS-7108	-	0.419 - 0.434	10.63 - 11.02	36 (S)	0.138 (3.5)	11	Black
AGS-7808				48 (D)			
AGS-7109	7/16", 7W EHS	0.435 - 0.450	11.03 - 11.43	36 (S)	0.138 (3.5)	11	Green
AGS-7809				48 (D)			
AGS-7110	-	0.451 - 0.470	11.44 - 11.94	36 (S)	0.138 (3.5)	11	Purple
AGS-7810				48 (D)			
AGS-7111	-	0.471 - 0.481	11.95 - 12.22	36 (S)	0.138 (3.5)	11	Brown
AGS-7811				48 (D)			
AGS-7112	1/2" 7W - 19W	0.482 - 0.500	12.23 - 12.70	45 (S)	0.138 (3.5)	12	Blue
AGS-7812				57 (D)			



ORDERING INFORMATION

Aluminum Clad Steel

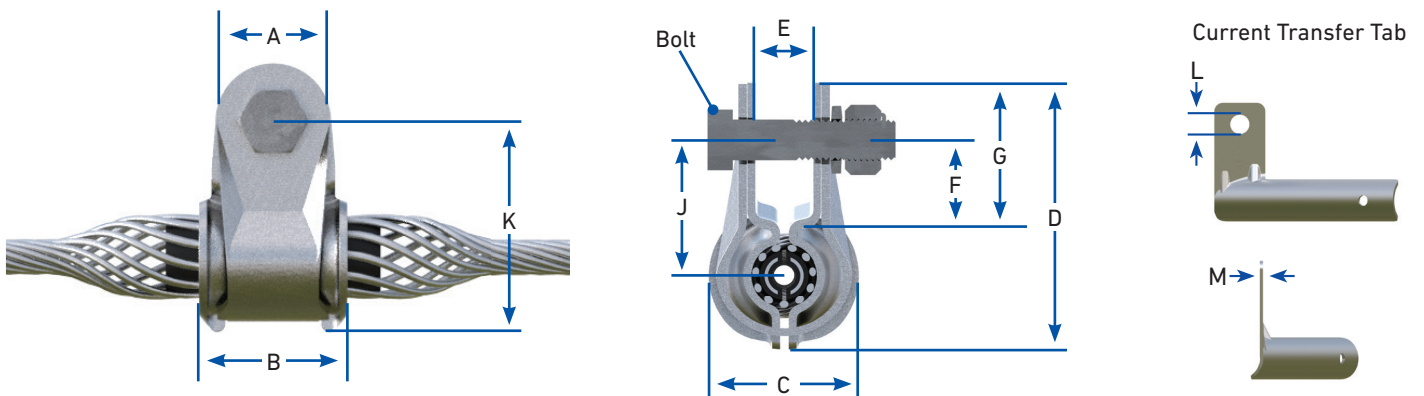
Catalog Number	Strand Size	Diameter Range		AGS Rods			Color Code
				Length	Rod Diameter	Rods per Set	
		in	mm	in	in (mm)		
AGS-8097	3 #8, 8M 9/32", 7W	0.272 - 0.283	6.91 - 7.20	26 (S)	0.114 (2.9)	9	Blue
AGS-8797				38 (D)			
AGS-8098	-	0.284 - 0.294	7.21 - 7.47	26 (S)	0.114 (2.9)	9	Red
AGS-8798				38 (D)			
AGS-8099	-	0.295 - 0.303	7.48 - 7.70	26 (S)	0.114 (2.9)	9	Black
AGS-8799				38 (D)			
AGS-8100	3 #7, 7 #10 10M	0.304 - 0.315	7.71 - 8.00	26 (S)	0.114 (2.9)	9	Brown
AGS-8800				38 (D)			
AGS-8101	5/16", 3W, 7W	0.316 - 0.327	8.01 - 8.31	26 (S)	0.114 (2.9)	10	Purple
AGS-8801				38 (D)			
AGS-8102	-	0.328 - 0.342	8.32 - 8.69	26 (S)	0.114 (2.9)	10	Green
AGS-8802				38 (D)			
AGS-8103	3 #6, 7 #9 12.5M	0.343 - 0.355	8.70 - 9.02	26 (S)	0.114 (2.9)	10	Black
AGS-8803				38 (D)			
AGS-8104	14M 3/8"	0.356 - 0.374	9.03 - 9.50	26 (S)	0.114 (2.9)	10	Brown
AGS-8804				38 (D)			
AGS-8105	7 #8, 16M	0.375 - 0.389	9.51 - 9.88	26 (S)	0.114 (2.9)	11	Red
AGS-8805				38 (D)			
AGS-8106	3 #5	0.390 - 0.404	9.89 - 10.26	36 (S)	0.144 (3.7)	10	Blue
AGS-8806				48 (D)			
AGS-8107	18M	0.405 - 0.418	10.27 - 10.62	36 (S)	0.144 (3.7)	10	Orange
AGS-8807				48 (D)			

ORDERING INFORMATION

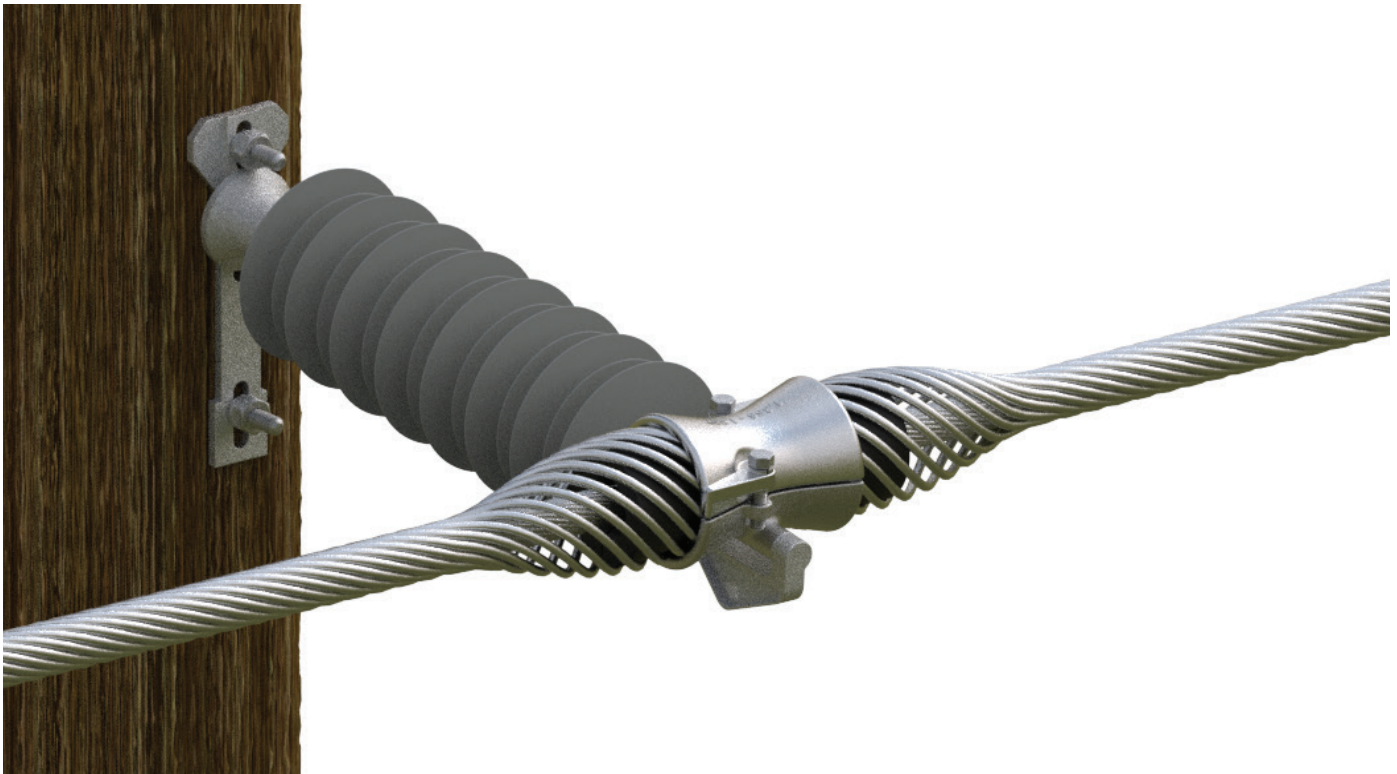
Aluminum Clad Steel

Catalog Number	Strand Size	Diameter Range		AGS Rods			Color Code
				Length	Rod Diameter	Rods per Set	
		in	mm	in	in (mm)		
AGS-8108	7 #7	0.419 - 0.434	10.63 - 11.02	36 (S)	0.144 (3.7)	10	Brown
AGS-8808				48 (D)			
AGS-8109	20M	0.435 - 0.450	11.03 - 11.43	36 (S)	0.144 (3.7)	10	Purple
AGS-8809				48 (D)			
AGS-8110	-	0.451 - 0.470	11.44 - 11.94	36 (S)	0.144 (3.7)	11	Green
AGS-8810				48 (D)			
AGS-8111	-	0.471 - 0.481	11.95 - 12.22	36 (S)	0.144 (3.7)	11	Black
AGS-8811				48 (D)			
AGS-8112	7 #6	0.482 - 0.500	12.23 - 12.7	45 (S)	0.144 (3.7)	11	Blue
AGS-8812				57 (D)			

DIMENSIONS



Strand Range		Dimensions												Vertical Ultimate Strength
		in (mm)												
in	mm	A	B	C	D	E	F	G	J	K	L	M	Bolt	lb (kN)
0.272 - 0.389	6.91 - 9.89	1-3/4 (44.5)	2-1/4 (31.8)	2-1/16 (52.4)	4-3/32 (104.0)	11/16 (17.5)	1-5/32 (29.4)	2-1/32 (51.6)	2-1/32 (51.6)	3-7/32 (81.8)	9/16 (14.8)	0.09 (2.3)	5/8 x 2-1/2	15,000 (67)
0.390 - 0.500	9.90 - 12.70	1-3/4 (44.5)	2-1/2 (63.5)	2-1/4 (31.8)	4-3/32 (104.0)	11/16 (17.5)	1-3/32 (27.8)	1-31/32 (50.0)	2-3/32 (53.2)	3-7/32 (81.8)	9/16 (14.8)	0.09 (2.3)	5/8 x 2-1/2	15,000 (67)



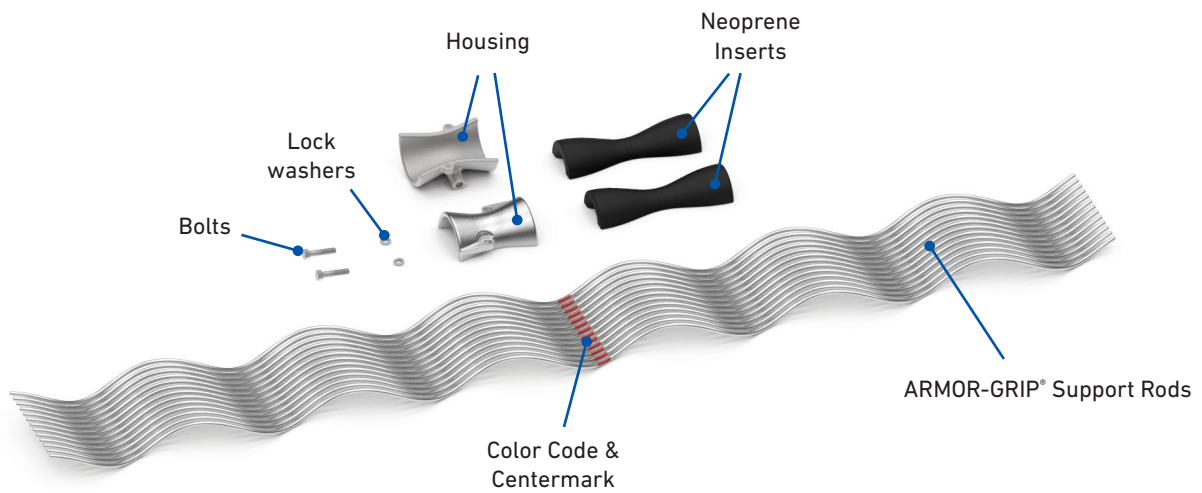
ARMOR-GRIP® SUPPORT

The **ARMOR-GRIP Support (AGS)** is intended for use on aluminum conductors. It offers maximum protection against static and dynamic bending stresses at the cable support point.

FEATURES AND BENEFITS

- Reduces negative effects of wind-induced cable motion, such as aeolian vibration and galloping
- Cushioned insert surrounds the conductor to provide superior protection against wind- and ice-induced dynamic forces
- Aluminum alloy reinforcement is molded into each insert half to provide increased stiffness
- PARROT BILL® Armor Rods suitable for EHV use (345 kV and above)
- High-temperature version available for 250°C continuous operation

COMPONENTS



ARMOR-GRIP® Support

Characteristic	Specification
Unbalanced/Slip Load	10% - 20% of the conductor RBS
Maximum Pull-off Load	5,000 lb pull-off force in any direction
Maximum Line Angle	30° for single support, 60° for double support

ORDERING INFORMATION

- Add an "HT" suffix code for High-Temperature support (250°C Continuous Operating Temperature) (**EXAMPLE: AGS-5265HT**)
- For Double ARMOR-GRIP Support applications, contact PLP for a specially engineered solution

ARMOR-GRIP® Support

Catalog Number	Conductor Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm	in (mm)	in (mm)		
AGS-5265	0.390 - 0.404	9.89 - 10.26	0.128 (3.2)	36 (914.4)	11	Yellow
AGS-5266	0.405 - 0.418	10.27 - 10.62	0.128 (3.2)	36 (914.4)	11	Brown
AGS-5267	0.419 - 0.434	10.63 - 11.02	0.128 (3.2)	36 (914.4)	11	Green
AGS-5268	0.435 - 0.450	11.03 - 11.43	0.128 (3.2)	36 (914.4)	11	Blue
AGS-5269	0.451 - 0.470	11.44 - 11.93	0.125 (3.2)	36 (914.4)	12	White
AGS-5270	0.471 - 0.481	11.94 - 12.22	0.128 (3.2)	36 (914.4)	12	Green
AGS-5255	0.482 - 0.499	12.23 - 12.67	0.167 (4.2)	30 (762.0)	10	Red
AGS-5200	0.500 - 0.512	12.68 - 13.00	0.167 (4.2)	30 (762.0)	10	Blue
AGS-5201	0.513 - 0.530	13.01 - 13.46	0.167 (4.2)	30 (762.0)	11	Green
AGS-5202	0.531 - 0.542	13.47 - 13.77	0.167 (4.2)	30 (762.0)	11	Yellow
AGS-5203	0.543 - 0.555	13.78 - 14.10	0.182 (4.6)	34 (863.6)	10	Black
AGS-5204	0.556 - 0.573	14.11 - 14.55	0.182 (4.6)	34 (863.6)	11	White
AGS-5205	0.574 - 0.594	14.56 - 15.10	0.182 (4.6)	34 (863.6)	11	Brown
AGS-5206	0.595 - 0.606	15.11 - 15.39	0.182 (4.6)	34 (863.6)	11	Orange
AGS-5207	0.607 - 0.619	15.40 - 15.73	0.182 (4.6)	34 (863.6)	11	Purple
AGS-5208	0.620 - 0.645	15.74 - 16.38	0.182 (4.6)	38 (965.2)	12	Red
AGS-5209	0.646 - 0.673	16.39 - 17.10	0.204 (5.2)	41 (1041.4)	11	Blue
AGS-5210	0.674 - 0.690	17.11 - 17.53	0.204 (5.2)	41 (1041.4)	11	Green
AGS-5211	0.691 - 0.710	17.54 - 18.03	0.204 (5.2)	41 (1041.4)	12	Yellow
AGS-5212	0.711 - 0.731	18.04 - 18.57	0.204 (5.2)	41 (1041.4)	12	Black

ORDERING INFORMATION

ARMOR-GRIP® Support

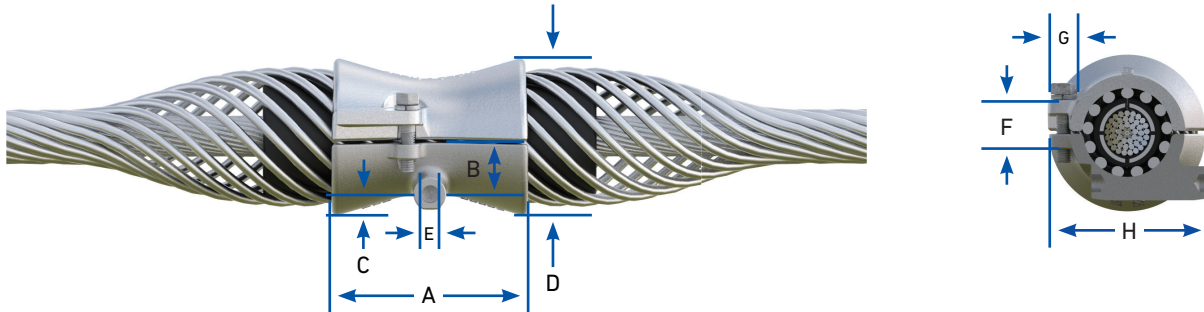
Catalog Number	Conductor Range		Rod Diameter in (mm)	Rod Length in (mm)	Rods per Set	Color Code
	in	mm				
AGS-5213	0.732 - 0.750	18.58 - 19.05	0.204 (5.2)	41 (1041.4)	12	White
AGS-5214	0.751 - 0.768	19.06 - 19.50	0.250 (6.3)	45 (1143.0)	10	Brown
AGS-5215	0.769 - 0.795	19.51 - 20.19	0.250 (6.3)	45 (1143.0)	11	Orange
AGS-5216	0.796 - 0.824	20.20 - 20.93	0.250 (6.3)	45 (1143.0)	11	Purple
AGS-5217	0.825 - 0.845	20.94 - 21.47	0.250 (6.3)	48 (1219.2)	11	Red
AGS-5218	0.846 - 0.870	21.48 - 22.10	0.250 (6.3)	48 (1219.2)	11	Blue
AGS-5219	0.871 - 0.893	22.11 - 22.68	0.250 (6.3)	48 (1219.2)	12	Green
AGS-5220	0.894 - 0.907	22.69 - 23.03	0.250 (6.3)	48 (1219.2)	12	Green
AGS-5221	0.908 - 0.920	23.04 - 23.37	0.250 (6.3)	53 (1346.2)	12	Yellow
AGS-5222	0.921 - 0.937	23.38 - 23.80	0.250 (6.3)	53 (1346.2)	12	Black
AGS-5223	0.938 - 0.962	23.81 - 24.43	0.250 (6.3)	53 (1346.2)	12	White
AGS-5224	0.963 - 0.986	24.44 - 25.04	0.250 (6.3)	53 (1346.2)	13	Brown
AGS-5225	0.987 - 1.005	25.05 - 25.53	0.250 (6.3)	62 (1574.8)	13	Orange
AGS-5226	1.006 - 1.022	25.54 - 25.96	0.310 (7.8)	62 (1574.8)	11	Purple
AGS-5227	1.023 - 1.040	25.97 - 26.42	0.310 (7.8)	62 (1574.8)	11	Red
AGS-5228	1.041 - 1.074	26.43 - 27.28	0.310 (7.8)	62 (1574.8)	11	Blue
AGS-5229	1.075 - 1.090	27.29 - 27.69	0.310 (7.8)	62 (1574.8)	12	Green
AGS-5230	1.091 - 1.118	27.70 - 28.40	0.310 (7.8)	62 (1574.8)	12	Yellow
AGS-5231	1.119 - 1.136	28.41 - 28.85	0.310 (7.8)	62 (1574.8)	12	Black
AGS-5232	1.137 - 1.152	28.86 - 29.26	0.310 (7.8)	62 (1574.8)	12	White
AGS-5233	1.153 - 1.175	29.27 - 29.85	0.310 (7.8)	62 (1574.8)	12	Brown
AGS-5234	1.176 - 1.208	29.86 - 30.68	0.310 (7.8)	62 (1574.8)	12	Orange

ORDERING INFORMATION

ARMOR-GRIP® Support

Catalog Number	Conductor Range		Rod Diameter	Rod Length	Rods per Set	Color Code
	in	mm				
AGS-5235	1.209 - 1.226	30.69 - 31.14	0.365 (9.3)	71 (1803.4)	11	Purple
AGS-5236	1.227 - 1.259	31.15 - 31.98	0.365 (9.3)	71 (1803.4)	11	Red
AGS-5237	1.260 - 1.286	31.99 - 32.67	0.365 (9.3)	71 (1803.4)	12	Blue
AGS-5238	1.287 - 1.314	32.68 - 33.38	0.365 (9.3)	71 (1803.4)	12	Green
AGS-5239	1.315 - 1.355	33.39 - 34.42	0.365 (9.3)	71 (1803.4)	12	Yellow
AGS-5240	1.356 - 1.394	34.43 - 35.41	0.365 (9.3)	78 (1981.2)	12	Black
AGS-5241	1.395 - 1.416	35.42 - 35.97	0.365 (9.3)	78 (1981.2)	13	White
AGS-5242	1.417 - 1.442	35.98 - 36.62	0.365 (9.3)	78 (1981.2)	13	Brown
AGS-5243	1.443 - 1.477	36.63 - 37.52	0.365 (9.3)	78 (1981.2)	13	Orange
AGS-5244	1.478 - 1.516	37.53 - 38.51	0.365 (9.3)	78 (1981.2)	13	Purple
AGS-5245	1.517 - 1.557	38.52 - 39.55	0.365 (9.3)	78 (1981.2)	13	Red
AGS-5246	1.558 - 1.579	39.56 - 40.11	0.365 (9.3)	90 (2286.0)	14	Blue
AGS-5247	1.580 - 1.612	40.12 - 40.95	0.365 (9.3)	90 (2286.0)	14	Green
AGS-5248	1.613 - 1.650	40.96 - 41.91	0.365 (9.3)	90 (2286.0)	14	Yellow
AGS-5249	1.651 - 1.688	41.92 - 42.82	0.365 (9.3)	90 (2286.0)	15	Black
AGS-5250	1.689 - 1.711	42.83 - 43.46	0.365 (9.3)	90 (2286.0)	15	White
AGS-5251	1.721 - 1.752	43.47 - 44.50	0.365 (9.3)	90 (2286.0)	15	Brown
AGS-5252	1.753 - 1.790	44.51 - 45.47	0.365 (9.3)	90 (2286.0)	15	Orange
AGS-5253	1.791 - 1.828	45.48 - 46.43	0.365 (9.3)	90 (2286.0)	15	Purple

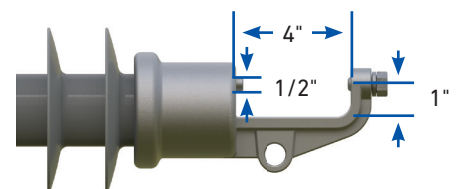
DIMENSIONS



Conductor Range		Dimensions in (mm)							
in	mm	A	B	C	D	E	F	G	H
0.390 - 0.481	9.89 - 12.22	2-17/32 (64.3)	5/8 (15.9)	49/64 (19.5)	1-61/64 (24.2)	19/32 (15.1)	2 (50.8)	3/4 (19.0)	3-7/8 (98.4)
0.482 - 0.542	12.23 - 13.77	3 (76.2)	5/8 (15.9)	1 (25.4)	2-3/8 (60.3)	19/32 (15.1)	2 (50.8)	3/4 (19.0)	3-7/8 (98.4)
0.543 - 0.619	13.78 - 15.73	3-1/8 (79.4)	13/32 (10.3)	7/8 (22.2)	2-17/32 (64.3)	19/32 (15.1)	2 (50.8)	3/4 (19.0)	3-7/8 (98.4)
0.620 - 0.645	15.74 - 16.38	3-1/8 (79.4)	13/32 (10.3)	7/8 (22.2)	2-17/32 (64.3)	19/32 (15.1)	2 (50.8)	3/4 (19.0)	3-7/8 (98.4)
0.646 - 0.750	16.39 - 19.05	3-3/4 (95.3)	5/8 (15.9)	53/64 (21.0)	2-3/4 (69.8)	19/32 (15.1)	2 (50.8)	3/4 (19.0)	3-7/8 (98.4)
0.751 - 0.907	19.06 - 23.03	4-1/2 (114.3)	3/4 (19.0)	27/32 (21.4)	3-13/64 (81.4)	19/32 (15.1)	2-1/4 (57.1)	3/4 (19.0)	3-7/8 (98.4)
0.908 - 1.005	23.04 - 25.53	5 (127.0)	1-1/8 (28.6)	21/32 (16.7)	3-19/32 (91.3)	19/32 (15.1)	2-1/4 (57.1)	3/4 (19.0)	3-7/8 (98.4)
1.006 - 1.208	25.54 - 30.68	5-1/2 (139.7)	1-5/16 (33.3)	13/16 (20.6)	4-3/16 (106.4)	19/32 (15.1)	2-1/4 (57.1)	3/4 (19.0)	3-7/8 (98.4)
1.209 - 1.355	30.69 - 34.42	6 (152.4)	1-1/2 (38.1)	13/16 (20.6)	4-5/8 (117.5)	19/32 (15.1)	2-1/4 (57.1)	3/4 (19.0)	3-7/8 (98.4)
1.356 - 1.557	34.43 - 39.55	6-1/2 (165.1)	1-5/8 (41.3)	29/32 (23.0)	5-7/64 (129.8)	19/32 (15.1)	2-1/4 (57.1)	3/4 (19.0)	3-7/8 (98.4)
1.558 - 1.828	39.56 - 46.43	7 (177.8)	1-15/16 (49.2)	49/64 (19.5)	5-13/32 (137.3)	19/32 (15.1)	2-1/4 (57.1)	3/4 (19.0)	3-7/8 (98.4)

Clamp Top Trunnion

To ensure proper fit and service life, it is recommended that only line post insulators with clamp top trunnion caps that conform to ANSI standards be used. See the illustration on the right for nominal cap dimensions that illustrate ANSI standards that have been established outlining the permissible dimensions and tolerances for trunnion caps. Consult the insulator manufacturer when in doubt about insulator standards.



The above dimensions are approximates for design information. Consult ANSI specification C29.7-2015 for exact dimensions.



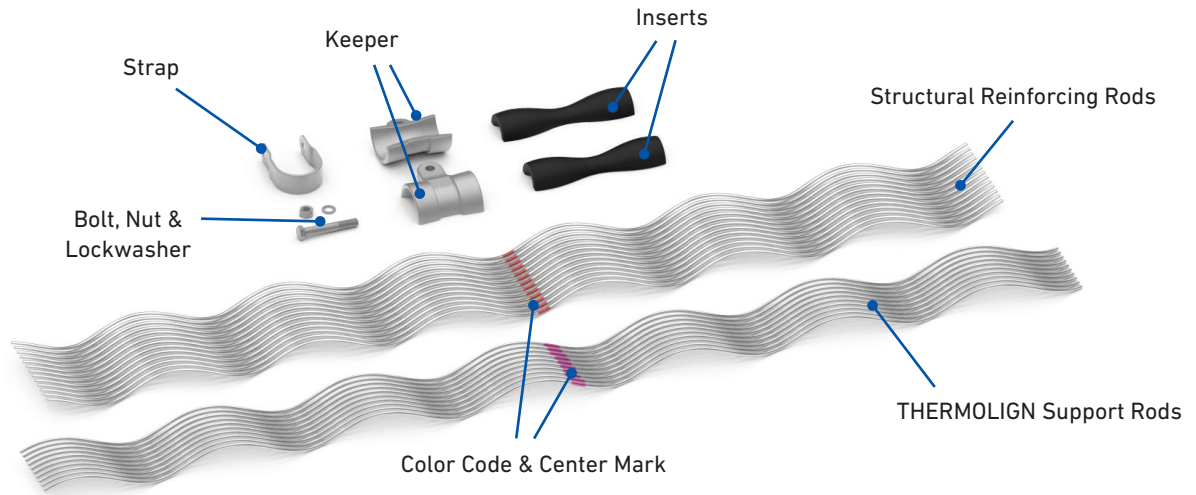
THERMOLIGN® SUSPENSION

The **THERMOLIGN Suspension** is specifically designed for applications on aluminum-based high-temperature conductors that will be operated at continuous temperatures above 200°C. It utilizes ARMOR-GRIP® Suspension rods, an additional set of structural reinforcing rods, and elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the attachment point.

FEATURES AND BENEFITS

- Multi-layer design for maximum mechanical performance and maximum heat dissipation
- Minimal heat transferred to mating hardware and insulators
- Cushioned insert surrounds the conductor to provide superior protection against wind- and ice-induced dynamic forces
- Shipped fully assembled with no loose parts to avoid lost hardware
- Available with PARROT-BILL® Rod ends for EHV applications (345 kV and above)
- Compatible with standard attachment hardware

COMPONENTS



THERMOLIGN® Suspension

Characteristic	Specification
Unbalanced/Slip Load	Approximately 20% of conductor rated breaking strength
Maximum Vertical Load	Varies per assembly (consult dimensional chart for specific ranges)
Maximum Line Angle	30° for single suspension, 60° for double suspension

ORDERING INFORMATION

- Add the appropriate suffix code(s) to the THERMOLIGN Suspension catalog number to include attachment fittings. "YC" for Y-Clevis, "CE" for Clevis Eye, or "SE" for Socket Eye. **(EXAMPLE: CGS-1095GYC, CGS-1095GCE, or CGS-1095GSE).**
- For Double THERMOLIGN Suspension applications, see the section for THERMOLIGN Suspension: Double

THERMOLIGN® Suspension

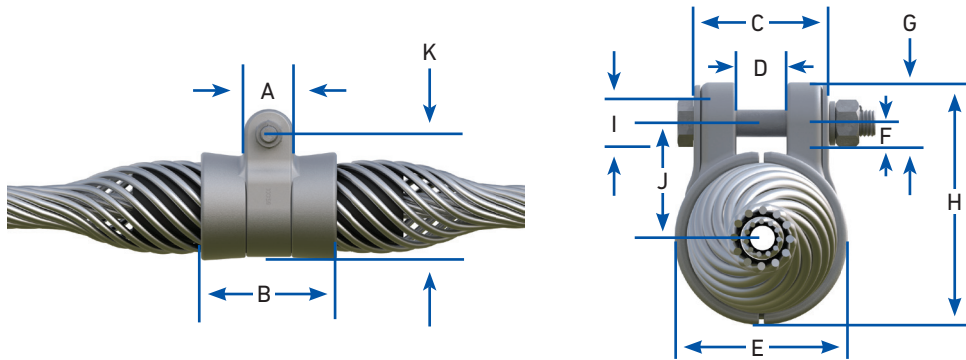
Catalog Number		Diameter Range		Length (overall)		Color Code	
Single	Double	in	mm	in (m)		Inner	Outer
				Single	Double		
TLS-0093	TLS-0293	0.574 - 0.590	14.6 - 15.0	98 (2.5)	120 (3.1)	Yellow	Green
TLS-0094	TLS-0294	0.619 - 0.636	15.7 - 16.2	98 (2.5)	120 (3.1)	Black	Black
TLS-0092	TLS-0292	0.637 - 0.673	16.2 - 17.1	100 (2.5)	120 (3.1)	Red	Brown
TLS-0095	TLS-0295	0.674 - 0.708	17.1 - 18.0	98 (2.5)	125 (3.2)	Orange	Orange
TLS-0096	TLS-0296	0.709 - 0.726	18.0 - 18.4	100 (2.5)	129 (3.3)	Green	Purple
TLS-0097	TLS-0297	0.727 - 0.759	18.5 - 19.3	100 (2.5)	129 (3.3)	Pink	Red
TLS-0098	TLS-0298	0.760 - 0.786	19.3 - 20.0	100 (2.5)	129 (3.3)	White	Blue
TLS-0099	TLS-0299	0.787 - 0.814	20.0 - 20.7	100 (2.5)	129 (3.3)	Purple	Green
TLS-0100	TLS-0300	0.815 - 0.855	20.7 - 21.7	100 (2.5)	129 (3.3)	Red	Yellow
TLS-0101	TLS-0301	0.856 - 0.894	21.7 - 22.7	100 (2.5)	132 (3.4)	Blue	Black
TLS-0102	TLS-0302	0.895 - 0.916	22.7 - 23.3	100 (2.5)	132 (3.4)	Black	White
TLS-0103	TLS-0303	0.917 - 0.942	23.3 - 23.9	100 (2.5)	132 (3.4)	Orange	Brown
TLS-0104	TLS-0304	0.943 - 0.977	23.9 - 24.8	100 (2.5)	132 (3.4)	Green	Orange
TLS-0105	TLS-0305	0.978 - 1.016	24.8 - 25.8	100 (2.5)	132 (3.4)	Pink	Purple
TLS-0106	TLS-0306	1.017 - 1.057	25.8 - 26.8	100 (2.5)	132 (3.4)	Purple	Red
TLS-0107	TLS-0307	1.058 - 1.079	26.8 - 27.4	112 (2.8)	149 (3.8)	White	Blue
TLS-0108	TLS-0308	1.080 - 1.112	27.4 - 28.2	112 (2.8)	149 (3.8)	White	Green
TLS-0109	TLS-0309	1.113 - 1.150	28.2 - 29.2	112 (2.8)	149 (3.8)	Yellow	Yellow
TLS-0110	TLS-0310	1.151 - 1.188	29.2 - 30.2	112 (2.8)	149 (3.8)	Yellow	Black
TLS-0111	TLS-0311	1.189 - 1.208	30.2 - 30.7	112 (2.8)	149 (3.8)	Yellow	White

ORDERING INFORMATION

THERMOLIGN® Suspension

Catalog Number		Diameter Range		Length (overall)		Color Code	
				in (m)			
Single	Double	in	mm	Single	Double	Inner	Outer
TLS-0112	TLS-0312	1.209 - 1.262	30.7 - 32.1	125 (3.2)	154 (3.9)	Brown	Red
TLS-0113	TLS-0313	1.263 - 1.308	32.1 - 33.2	125 (3.2)	154 (3.9)	Brown	Blue
TLS-0114	TLS-0314	1.309 - 1.338	33.2 - 34.0	125 (3.2)	154 (3.9)	Red	Green
TLS-0115	TLS-0315	1.339 - 1.368	34.0 - 34.7	125 (3.2)	154 (3.9)	Red	Yellow
TLS-0116	TLS-0316	1.369 - 1.409	34.7 - 35.7	125 (3.2)	154 (3.9)	Blue	Black
TLS-0117	TLS-0317	1.410 - 1.449	35.7 - 36.8	125 (3.2)	154 (3.9)	Black	White
TLS-0118	TLS-0318	1.450 - 1.490	36.8 - 37.9	125 (3.2)	154 (3.9)	Orange	Brown
TLS-0119	TLS-0319	1.491 - 1.530	37.9 - 38.9	125 (3.2)	154 (3.9)	Green	Orange
TLS-0120	TLS-0320	1.531 - 1.572	38.9 - 39.9	125 (3.2)	154 (3.9)	Pink	Purple

DIMENSIONS

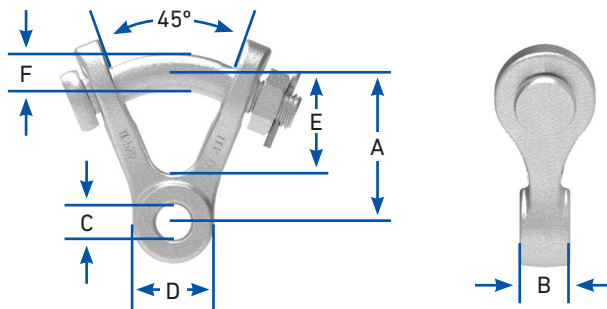


THERMOLIGN® Suspension

Conductor Range		Dimensions											Maximum Vertical Load
		in (mm)											lb (kN)
in	mm	A	B	C	D	E	F	G	H	I	J	K	
0.574 - 0.708	14.6 - 18.0	2-1/4 (57.2)	5-1/2 (139.7)	3-1/2 (88.9)	1-3/16 (30.2)	4-5/32 (105.6)	1 (25.4)	2-1/8 (54.0)	5-29/32 (150.0)	5/8 (15.9)	2-45/64 (68.7)	4-25/32 (121.4)	25,000 (111)
0.709 - 0.855	18.0 - 21.7	2-1/4 (57.2)	6 (152.4)	3-5/8 (92.1)	1-1/4 (31.8)	4-13/16 (122.2)	1-1/4 (31.8)	2-3/8 (60.3)	6-11/16 (169.9)	3/4 (19.1)	3-5/32 (80.2)	5-9/16 (141.3)	25,000 (111)
0.856 - 1.057	21.7 - 26.9	2-1/4 (57.2)	6-1/2 (165.1)	4-1/8 (104.8)	1-3/8 (34.9)	5-1/16 (128.6)	1-1/8 (28.6)	2-1/4 (57.2)	6-5/8 (168.3)	3/4 (19.1)	2-31/32 (75.4)	5-1/2 (139.7)	25,000 (111)
1.058 - 1.262	26.9 - 32.1	2-1/4 (57.2)	7 (177.8)	4-11/16 (119.1)	2-1/4 (57.2)	5-19/32 (142.1)	1-1/8 (28.6)	2-3/8 (60.3)	7-1/4 (184.2)	3/4 (19.1)	3-3/16 (81.0)	6 (152.4)	25,000 (111)
1.263 - 1.613	32.1 - 41.0	2-1/4 (57.2)	7-1/2 (190.5)	5-7/32 (132.6)	2-13/32 (61.1)	6-1/16 (154.0)	1-3/16 (30.2)	2-7/16 (61.9)	7-25/32 (197.6)	3/4 (19.1)	3-1/2 (88.9)	6-17/32 (165.9)	30,000 (133)

NOTE: CE-5106 and YC-5211 are rated at 25,000 lb Maximum Vertical Load. ARMOR-GRIP® Suspension Rod length and diameter for individual sizes can be taken from the catalog number tables.

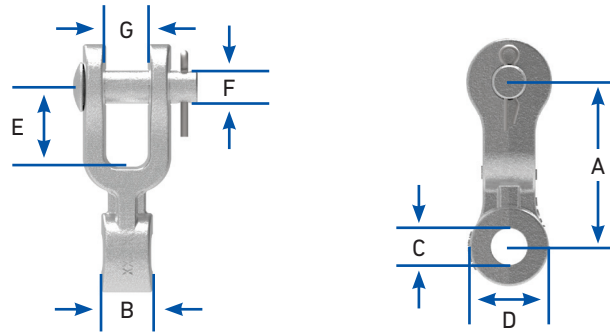
HARDWARE FITTINGS



Y-Clevis Eye

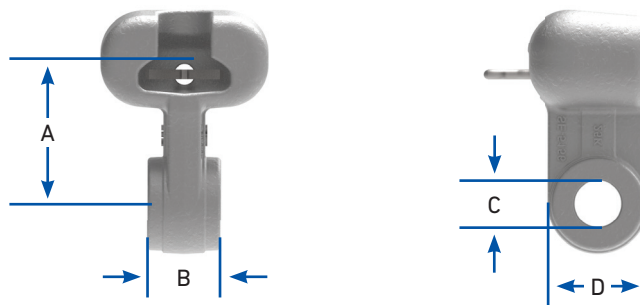
Catalog Number	Conductor Size Range		Dimensions						Maximum Vertical Load
			in (mm)						
	in	mm	A	B	C	D	E	F	lb (kN)
YC-5209	0.574 - 1.057	14.6 - 26.8	2-1/2 (63.5)	1-1/16 (27.0)	13/16 (20.6)	1-5/8 (41.3)	1-1/2 (38.1)	3/4 (19.0)	25,000 (111)
YC-5211	1.058 - 1.572	26.8 - 39.9	2-1/2 (63.5)	2-1/8 (54.0)	13/16 (20.6)	1-5/8 (41.3)	1-1/2 (38.1)	3/4 (19.1)	25,000 (111)

HARDWARE FITTINGS



Clevis Eye

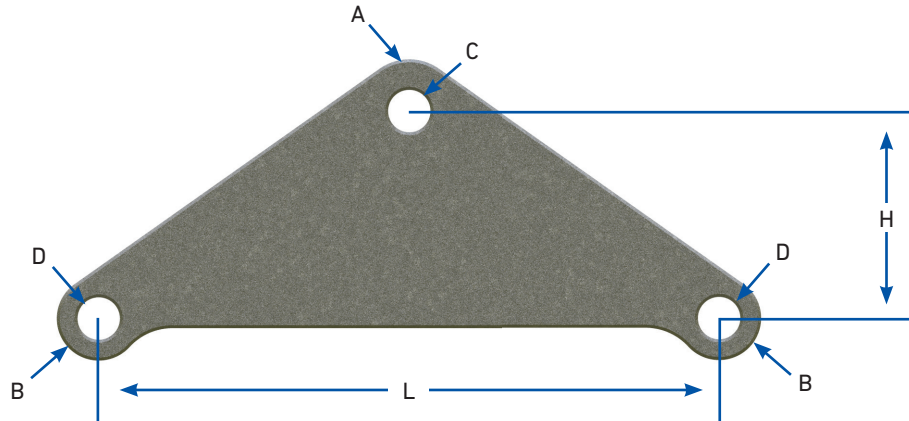
Catalog Number	Conductor Size Range		Dimensions							Maximum Vertical Load
			in (mm)							
	in	mm	A	B	C	D	E	F	G	lb (kN)
								Pin Diameter		
CE-5105	0.574 - 1.057	14.6 - 26.8	3-1/8 (79.4)	1-1/16 (27.0)	13/16 (20.6)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	25,000 (111)
CE-5106	1.058 - 1.572	26.8 - 39.9	3-1/8 (79.4)	2-1/8 (54.0)	13/16 (20.6)	1-1/2 (38.1)	1-1/2 (38.1)	5/8 (15.9)	13/16 (20.6)	25,000 (111)



Socket Eye

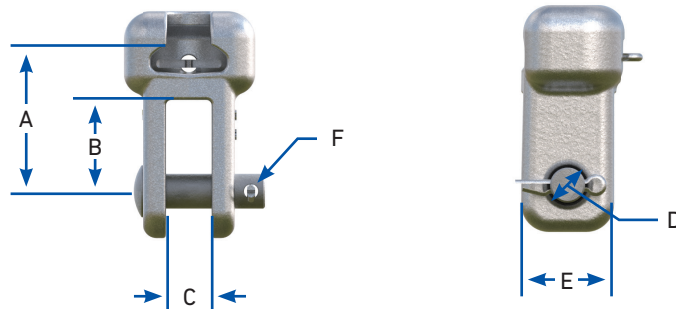
Catalog Number	Conductor Size Range		Dimensions				Maximum Vertical Load
			in (mm)				
	in (mm)	mm	A	B	C	D	lb (kN)
SE-5154	0.574 - 1.057	14.6 - 26.8	2-5/16 (58.8)	1-1/16 (27.0)	13/16 (20.6)	1-1/2 (38.1)	25,000 (111)
SE-5155	1.058 - 1.572	26.8 - 39.9	2-5/16 (8.8)	2-1/8 (54.0)	13/16 (20.6)	1-1/2 (38.1)	30,000 (133)

HARDWARE FITTINGS



Yoke Plate

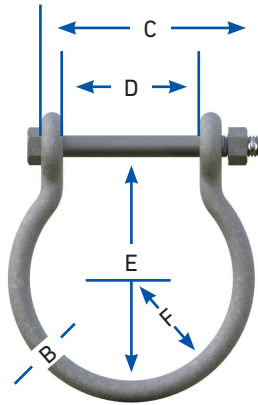
Catalog Number	Dimensions						Plate Thickness	Maximum Vertical Load
	in (mm)							
	A	B	C	D	L	H	in	lb (kN)
	Radius	Radius	Diameter	Diameter				
YP-5907	1 (25.4)	13/16 (20.6)	13/16 (20.6)	13/16 (20.6)	12 (304.8)	4 (101.6)	1/2 (12.7)	30,000 (133)



Socket Clevis

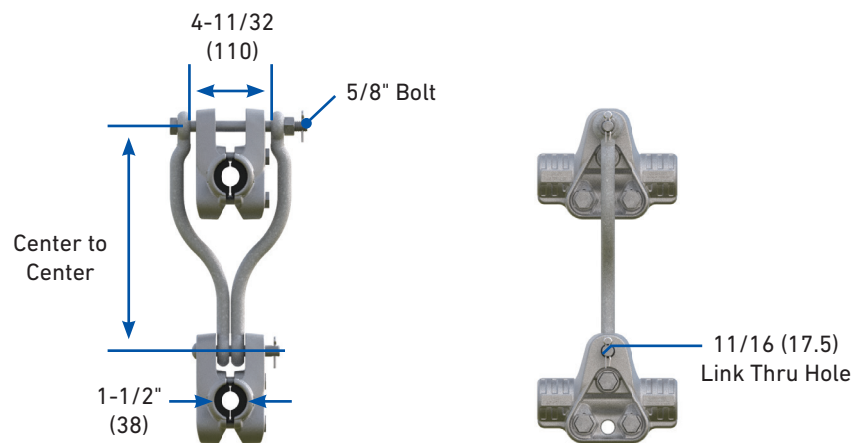
Catalog Number	Dimensions						Maximum Vertical Load	For use with Insulators per ANSI Class Spec C29.2-71
	in (mm)							
	A	B	C	D	E	F	lb (kN)	
SC-5194	2-5/8 (66.7)	1-5/8 (41.3)	13/16 (20.6)	11/16 (17.5)	1-3/4 (44.5)	5/8 (15.9)	30,000 (133)	52-3 & 52-5
SC-50	2-13/16 (71.4)	2-1/4 (57.0)	1-1/8 (28.6)	15/16 (23.8)	2-1/16 (53.0)	7/8 (22.2)	50,000 (222)	52-8 & 52-11

HARDWARE FITTINGS



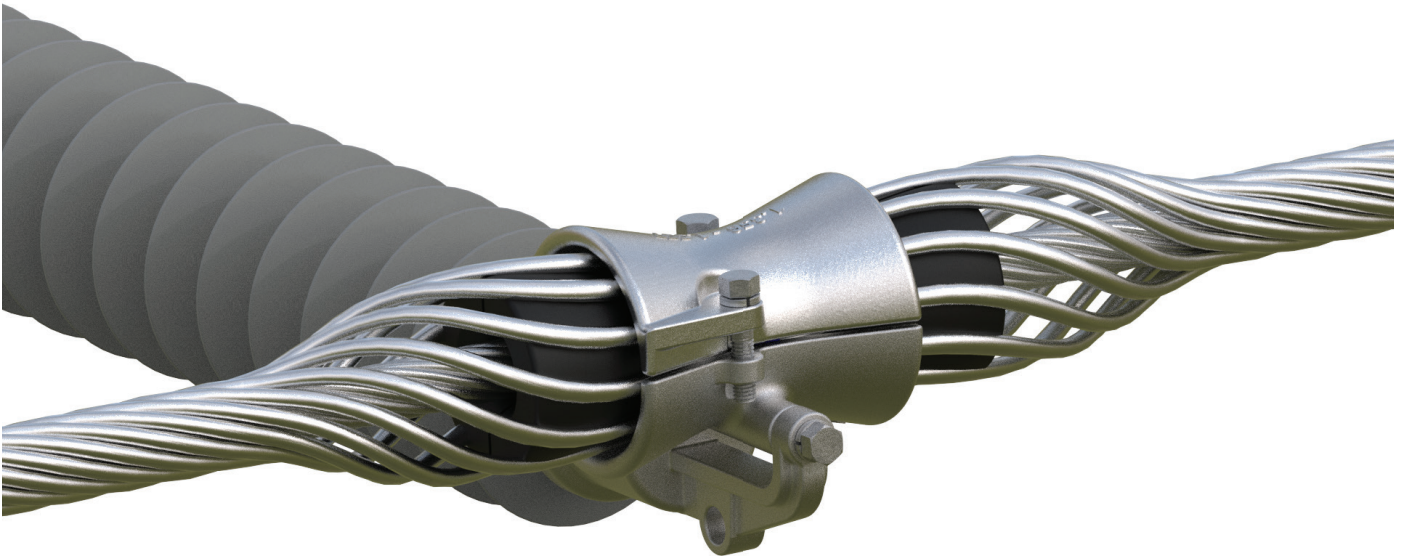
Hold Down Shackles

Catalog Number	Compatible CGS	Conductor Diameter Range		Dimensions					
		in	mm	in (mm)					
				Bolt Diameter	B	C	D	E	F
HDS-06	CGS-1096	0.609 - 0.883		5/8 (15.9)	5/8 (15.9)	5-7/8 (149.0)	3-7/8 (98.4)	6-1/4 (159.0)	2-7/8 (73.0)
	CGS-1097	0.884 - 1.196	22.4 - 30.4						
	CGS-1098	1.197 - 1.545	30.4 - 39.2						



Vertical Bundling Link

Catalog Number	Compatible CGS	Center to Center	Maximum Vertical Load
		in (mm)	lb (kN)
VBLMS11244	All Sizes	12 (305)	30,000 (133)
VBLMS11302	All Sizes	18 (457)	40,000 (222)



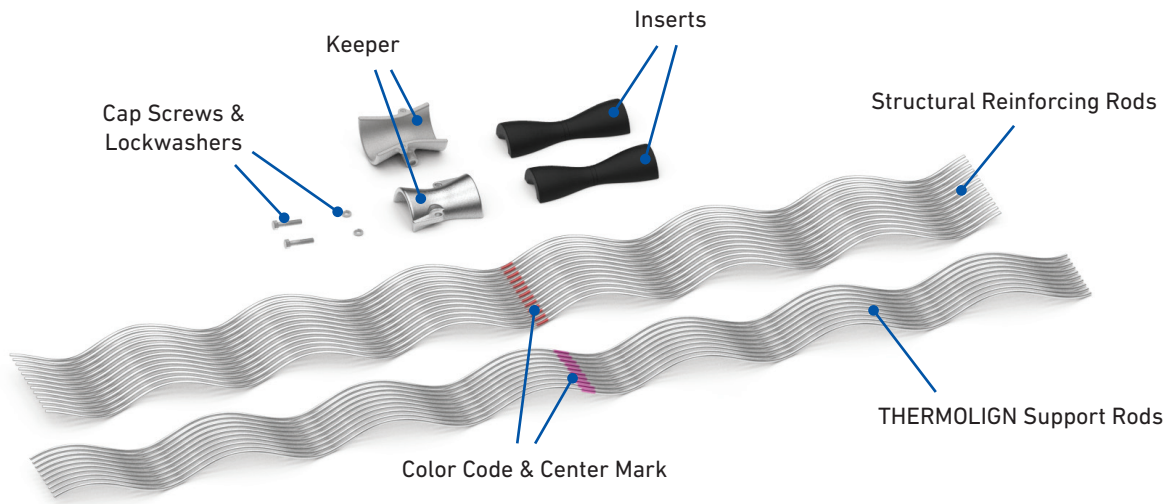
THERMOLIGN® SUPPORT

The **THERMOLIGN Support** is specifically designed for applications on aluminum-based high-temperature conductors that will be operated at continuous temperatures above 200°C. It utilizes ARMOR-GRIP® Support rods, an additional set of structural reinforcing rods, and elastomer cushion inserts that significantly reduce static and dynamic bending stresses on the conductor at the attachment point.

FEATURES AND BENEFITS

- Multi-layer design for maximum mechanical performance and maximum heat dissipation
- Minimal heat transferred to mating hardware and insulators
- Cushioned insert surrounds the conductor to provide superior protection against wind- and ice-induced dynamic forces
- Shipped fully assembled with no loose parts to avoid lost hardware
- Available with PARROT-BILL® Rod ends for EHV applications (345 kV and above)
- Compatible with standard clamp top trunnion caps that confirm to ANSI standards

COMPONENTS



THERMOLIGN Support®

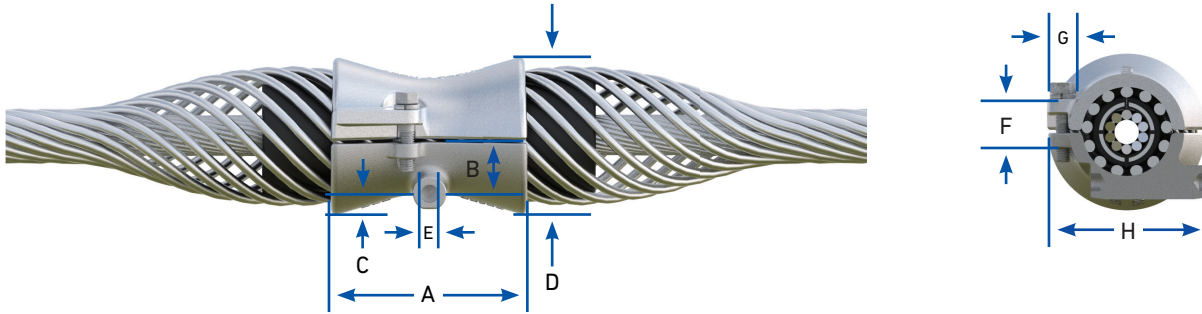
Characteristic	Specification
Unbalanced/Slip Load	Approximately 20% of conductor rated breaking strength
Maximum Vertical Load	5,000 lb (22 kN) in any direction
Maximum Line Angle	30° for single supports

ORDERING INFORMATION

THERMOLIGN® Support

Catalog Number	Diameter Range		Length (overall)	Color Code	
			Single		
	in	mm	in (m)	Inner	Outer
TLS-0194	0.637 - 0.637	16.2 - 17.1	98 (2.5)	Black	Black
TLS-0195	0.674 - 0.708	17.1 - 18.0	98 (2.5)	Orange	Orange
TLS-0196	0.709 - 0.726	18.0 - 18.4	100 (2.5)	Green	Purple
TLS-0197	0.727 - 0.759	18.5 - 19.3	100 (2.5)	Pink	Red
TLS-0198	0.760 - 0.786	19.3 - 20.0	100 (2.5)	White	Blue
TLS-0199	0.787 - 0.814	20.0 - 20.7	100 (2.5)	Purple	Green
TLS-0200	0.815 - 0.855	20.7 - 21.7	100 (2.5)	Red	Yellow
TLS-0201	0.856 - 0.894	21.7 - 22.7	100 (2.5)	Blue	Black
TLS-0202	0.895 - 0.916	22.7 - 23.3	100 (2.5)	Black	White
TLS-0203	0.917 - 0.942	23.3 - 23.9	100 (2.5)	Orange	Brown
TLS-0204	0.943 - 0.977	23.9 - 24.8	100 (2.5)	Green	Orange
TLS-0205	0.978 - 1.016	24.8 - 25.8	100 (2.5)	Pink	Purple
TLS-0206	1.017 - 1.057	25.8 - 26.8	100 (2.5)	Purple	Red
TLS-0207	1.058 - 1.079	26.8 - 27.4	112 (2.8)	White	Blue
TLS-0208	1.080 - 1.112	27.4 - 28.2	112 (2.8)	White	Green
TLS-0209	1.113 - 1.150	28.2 - 29.2	112 (2.8)	Yellow	Yellow
TLS-0210	1.151 - 1.188	29.2 - 30.2	112 (2.8)	Yellow	Black
TLS-0211	1.189 - 1.208	30.2 - 30.7	112 (2.8)	Yellow	White
TLS-0212	1.209 - 1.262	30.7 - 32.1	125 (3.2)	Brown	Red

DIMENSIONS

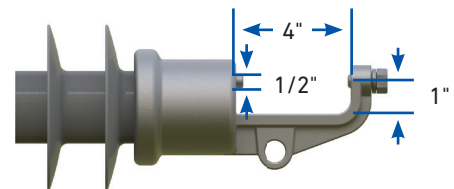


THERMOLIGN® Support

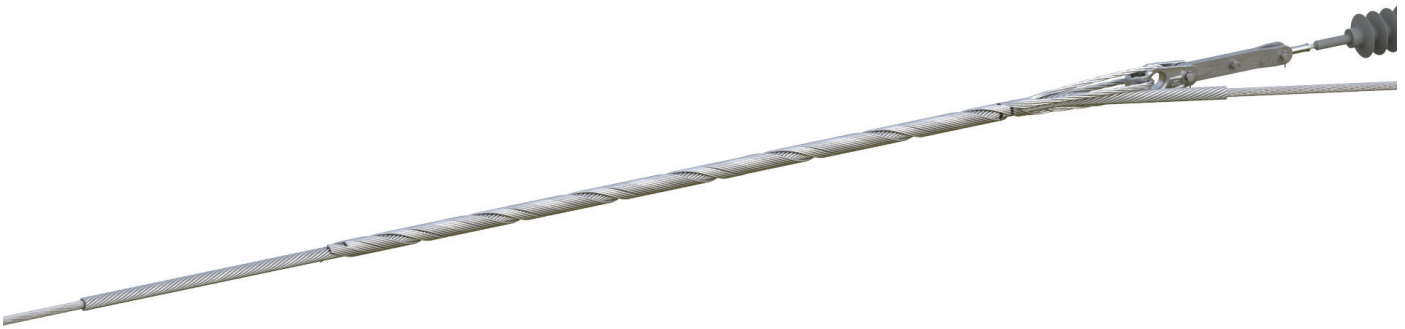
Conductor Range		Dimensions								Maximum Vertical Load
		in (mm)								lb (kN)
in	mm	A	B	C	D	E	F	G	H	
0.637 - 0.708	14.6 - 18.0	5-1/2 (139.7)	1-5/16 (33.3)	13/16 (20.6)	4-3/16 (106.4)	19/32 (15.1)	2-1/4 (57.2)	3/4 (19.1)	3-7/8 (98.4)	5,000 (22)
0.709 - 0.855	18.0 - 21.7	6 (152.4)	1-1/2 (38.1)	13/16 (20.6)	4-5/8 (117.5)	19/32 (15.1)	2-1/4 (57.2)	3/4 (19.1)	3-7/8 (98.4)	5,000 (22)
0.856 - 1.057	21.7 - 26.9	6-1/2 (165.1)	1-5/8 (41.3)	29/32 (23.1)	5-7/64 (129.8)	19/32 (15.1)	2-1/4 (57.2)	3/4 (19.1)	3-7/8 (98.4)	5,000 (22)
1.058 - 1.208	26.9 - 32.1	7 (177.8)	1-15/16 (49.2)	49/64 (19.4)	5-13/32 (137.3)	19/32 (15.1)	2-1/4 (57.2)	3/4 (19.1)	3-7/8 (98.4)	5,000 (22)

Clamp Top Trunnion

To ensure proper fit and service life, it is recommended that only line post insulators with clamp top trunnion caps that conform to ANSI standards be used. See the illustration on the right for nominal cap dimensions that illustrate ANSI standards that have been established outlining the permissible dimensions and tolerances for trunnion caps. Consult the insulator manufacturer when in doubt about insulator standards.



The above dimensions are approximates for design information. Consult ANSI specification C29.7-2015 for exact dimensions.



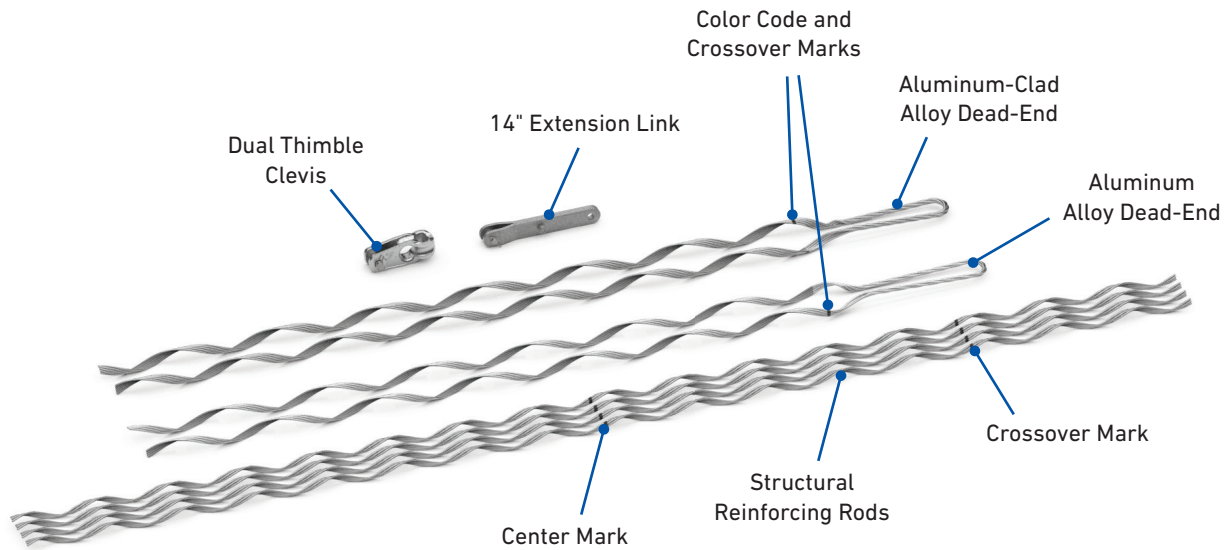
THERMOLIGN[®] DEAD-END

The **THERMOLIGN Dead-End** is specifically designed for applications on ACSS, ACSS/TW, and ACCR conductors. The design allows for continuous operating temperatures up to 250°C.

FEATURES AND BENEFITS

- Multi-layer design for maximum mechanical performance and heat dissipation
- Available with PARROT-BILL[®] Rod ends for EHV applications (345 kV and above)
- No compression press or dies required. Installation time is minimal
- Multi-layer design does not require trimming back of aluminum strands to expose the core
- No electrical connection required. Conductor passes through Dead-End uncut, eliminating a compression or bolted connection
- Holds 95% or more of the conductor rated breaking strength (RBS)

COMPONENTS



ORDERING INFORMATION

- Select the appropriate catalog number for the THERMOLIGN® Dead-End from the table below based on the diameter of the conductor.

THERMOLIGN® Dead-End

Catalog Number	Diameter Range		Length		Color Code	Extension Link
			in (mm)			
	in	mm	A	B		
TLDE-0087	0.455 - 0.470	11.6 - 11.9	71 (1803)	90 (2286)	Orange	000601325
TLDE-0088	0.471 - 0.486	12.0 - 12.3	73 (1854)	92 (2337)	Blue	
TLDE-0089	0.487 - 0.503	12.4 - 12.8	74 (1880)	94 (2388)	Brown	
TLDE-0090	0.504 - 0.519	12.8 - 13.2	76 (1930)	96 (2438)	Purple	
TLDE-0091	0.520 - 0.542	13.2 - 13.8	78 (1981)	99 (2515)	Pink	
TLDE-0092	0.543 - 0.569	13.8 - 14.4	80 (2032)	102 (2591)	Green	
TLDE-0093	0.570 - 0.591	14.5 - 15.0	83 (2108)	106 (2692)	Black	
TLDE-0094	0.592 - 0.613	15.0 - 15.6	83 (2108)	107 (2718)	Pink	
TLDE-0097	0.614 - 0.641	15.6 - 16.3	84 (2134)	110 (2794)	Yellow	



ORDERING INFORMATION

- Select the appropriate catalog number for the THERMOLIGN® Dead-End from the table below based on the diameter of the conductor.

THERMOLIGN® Dead-End

Catalog Number	Diameter Range		Length		Color Code	Extension Link
			in (mm)			
	in	mm	A	B		
TLDE-0098	0.642 - 0.669	16.3 - 17.0	85 (2159)	111 (2819)	Red	000601325
TLDE-0099	0.670 - 0.705	17.0 - 17.9	87 (2210)	114 (2896)	Orange	
TLDE-0100	0.706 - 0.734	17.9 - 18.6	89 (2261)	117 (2972)	Blue	
TLDE-0101	0.735 - 0.763	18.7 - 19.4	91 (2311)	120 (3048)	Brown	
TLDE-0102	0.764 - 0.798	19.4 - 20.3	93 (2362)	123 (3124)	Pink	
TLDE-0103	0.799 - 0.833	20.3 - 21.2	95 (2413)	127 (3226)	Green	
TLDE-0104	0.834 - 0.866	21.2 - 22.0	97 (2464)	130 (3302)	Red	
TLDE-0105	0.867 - 0.899	22.0 - 22.8	99 (2515)	133 (3378)	Purple	
TLDE-0106	0.900 - 0.925	22.9 - 23.5	109 (2769)	146 (3708)	Yellow	
TLDE-0107	0.926 - 0.947	23.5 - 24.0	110 (2794)	148 (3759)	Orange	
TLDE-0108	0.948 - 0.968	24.1 - 24.6	111 (2819)	150 (3810)	Black	00061032
TLDE-0109	0.969 - 0.989	24.6 - 25.1	112 (2845)	151 (3835)	Blue	
TLDE-0110	0.990 - 1.012	25.1 - 25.7	114 (2896)	153 (3886)	Brown	
TLDE-0111	1.013 - 1.035	25.7 - 26.3	115 (2921)	155 (3937)	Pink	
TLDE-0112	1.036 - 1.065	26.3 - 27.0	117 (2972)	159 (4039)	Green	
TLDE-0113	1.066 - 1.103	27.1 - 28.0	120 (3048)	163 (4140)	Red	
TLDE-0114	1.104 - 1.138	28.0 - 28.9	122 (3099)	166 (4216)	Black	
TLDE-0115	1.139 - 1.176	28.9 - 29.9	124 (3150)	169 (4293)	Purple	
TLDE-0116	1.177 - 1.222	29.9 - 31.0	132 (3353)	180 (4572)	Yellow	
TLDE-0117	1.223 - 1.271	31.1 - 32.3	135 (3429)	184 (4674)	Orange	

NOTE: For ACSS/TW, THERMOLIGN Dead-Ends are approved for use on Prysmian (General Cable) and Southwire® conductors only. For 3M ACCR/TW and Southwire C7/TW conductors, please contact PLP for details.

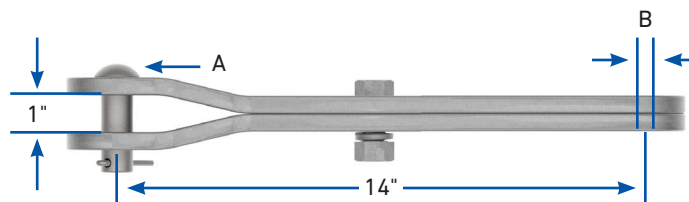
ORDERING INFORMATION

THERMOLIGN® Dead-End

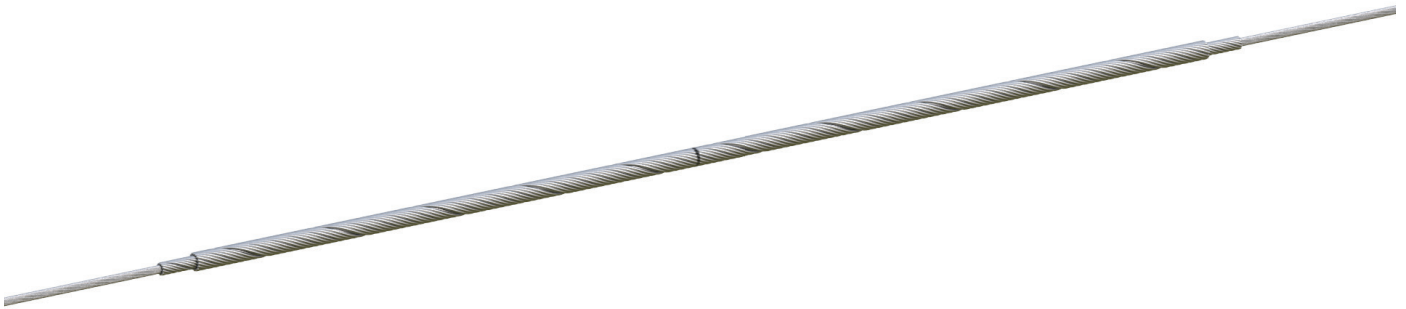
Catalog Number	Diameter Range		Length		Color Code	Extension Link
			in (mm)			
	in	mm	A	B		
TLDE-0118	1.272 - 1.319	32.3 - 33.5	138 (3505)	189 (4801)	Black	00061032
TLDE-0119	1.320 - 1.364	33.5 - 34.6	140 (3556)	193 (4902)	Blue	
TLDE-0120	1.365 - 1.404	34.7 - 35.7	143 (3632)	197 (5004)	Red	
TLDE-0121	1.405 - 1.442	35.7 - 36.6	146 (3708)	202 (5131)	Purple	
TLDE-0122	1.443 - 1.475	36.7 - 37.5	149 (3785)	206 (5233)	Yellow	
TLDE-0123	1.476 - 1.513	37.5 - 38.4	150 (3810)	208 (5283)	Orange	
TLDE-0124	1.514 - 1.552	38.5 - 39.4	153 (3886)	212 (5385)	Green	
TLDE-0170EHV	1.553 - 1.590	39.4 - 40.4	154 (3912)	215 (5461)	Blue	
TLDE-0125	1.591 - 1.629	40.4 - 41.4	156 (3962)	218 (5537)	Black	
TLDE-0126EHV	1.630 - 1.670	41.4 - 42.4	159 (4039)	223 (5664)	Brown	
TLDE-0130EHV	1.671 - 1.714	42.4 - 43.5	161 (4089)	227 (5766)	Pink	

NOTE: For ACSS/TW, THERMOLIGN Dead-Ends are approved for use on Prysmian (General Cable) and Southwire® conductors only. For 3M ACCR/TW and Southwire C7/TW conductors, please contact PLP for details.

EXTENSION LINK DIMENSIONS



Extension Link	Pin Diameter (A)	Hole Diameter (B)
	in (mm)	in (mm)
000601325	3/4 (19.0)	13/16 (20.6)
00061032	7/8 (22.0)	1-1/16 (26.9)



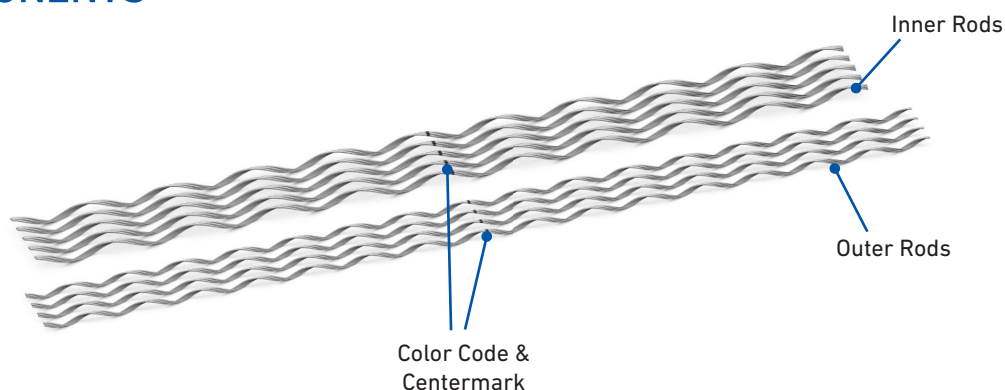
THERMOLIGN[®] SPLICE

The **THERMOLIGN Splice** is intended for use on ACSS/AW and ACCR conductors (**NOT** for use on conductors with trapezoidal outer strands). The design allows for continuous conductor operating temperatures up to 250°C.

FEATURES AND BENEFITS

- Multi-layer design for maximum mechanical performance and maximum heat dissipation
- Available with PARROT-BILL[®] Rod ends for EHV applications (345 kV and above)
- No compression press or dies required. Installation time is minimal
- Simple two-layer design does not require trimming back of aluminum strands to expose the core
- Holds 95% or more of the conductor rated breaking strength (RBS)

COMPONENTS



ORDERING INFORMATION

- Select the appropriate catalog number for the THERMOLIGN® Splice from the table below based on the diameter of the conductor.

THERMOLIGN® Splice

Catalog Number	Diameter Range		Color Code (X)	Rods per Set	
	in	mm		First Layer Rods (E)	Second Layer Rods (F)
TLSP-0107	0.926 - 0.947	23.5 - 24.0	Orange	10	14
TLSP-0108	0.948 - 0.968	24.1 - 24.6	Black	11	14
TLSP-0109	0.969 - 0.989	24.6 - 25.1	Blue	11	14
TLSP-0110	0.990 - 1.012	25.1 - 25.7	Brown	11	14
TLSP-0111	1.013 - 1.035	25.7 - 26.3	Pink	11	14
TLSP-0112	1.036 - 1.065	26.3 - 27.0	Green	11	15
TLSP-0113	1.066 - 1.103	27.1 - 28.0	Red	12	15
TLSP-0114	1.104 - 1.138	28.0 - 28.9	Black	12	15
TLSP-0115	1.139 - 1.176	28.9 - 29.9	Purple	12	16
TLSP-0116	1.177 - 1.222	29.9 - 31.0	Yellow	13	16
TLSP-0117	1.223 - 1.271	31.1 - 32.3	Orange	13	16
TLSP-0118	1.272 - 1.319	32.3 - 33.5	Black	13	17
TLSP-0119	1.320 - 1.364	33.5 - 34.6	Blue	13	17
TLSP-0120	1.365 - 1.404	34.7 - 35.7	Red	13	17
TLSP-0121	1.405 - 1.442	35.7 - 36.6	Purple	14	18
TLSP-0122	1.443 - 1.475	36.7 - 37.5	Yellow	14	18
TLSP-0123	1.476 - 1.513	37.5 - 38.4	Orange	14	18
TLSP-0124	1.514 - 1.552	38.5 - 39.4	Green	15	19

NOTE: For ACSS/TW, THERMOLIGN Splices are approved for use on Prysmian (General Cable) and Southwire® conductors only. For 3M ACCR/TW and Southwire C7/TW conductors, please contact PLP for details.



NOTES:



GLOBAL HEADQUARTERS
660 BETA DRIVE
CLEVELAND, OHIO 44143

+1 440 461 5200
INFO@PLP.COM
PLP.COM

© 2024 Preformed Line Products
Printed in U.S.A.
EN-CA-1034
04.24.50