

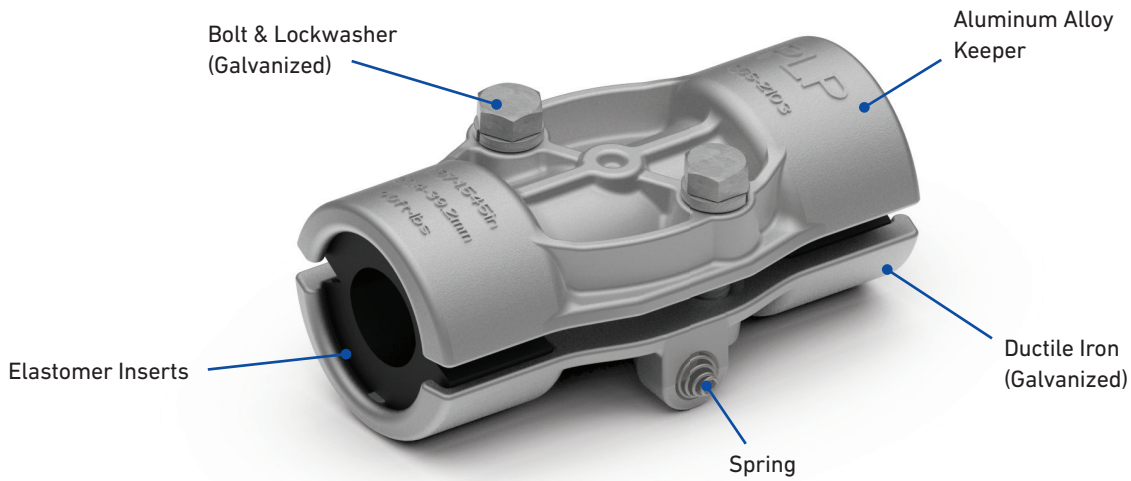
CUSHION-GRIP® SUPPORT

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

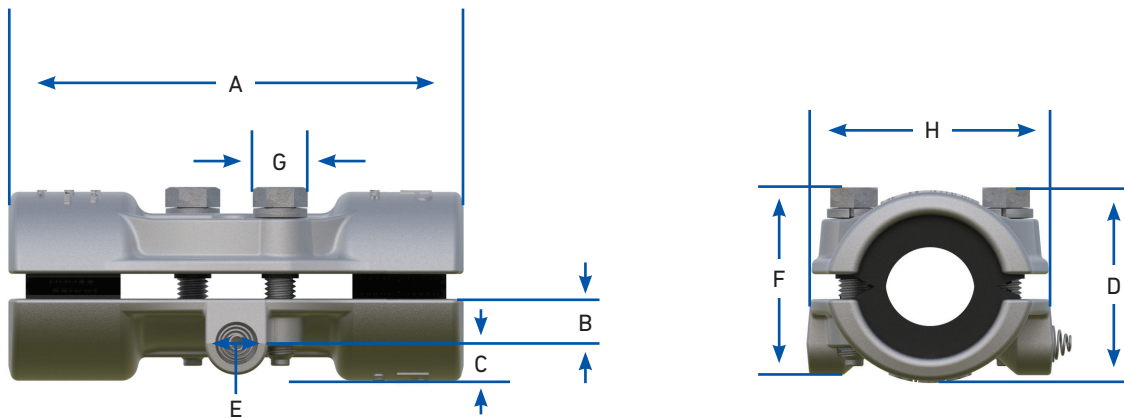
ORDERING INFORMATION

- 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

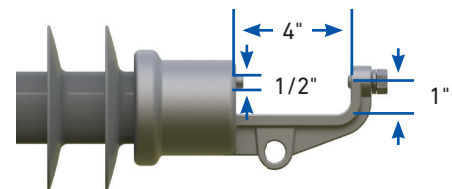
DIMENSIONS



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.