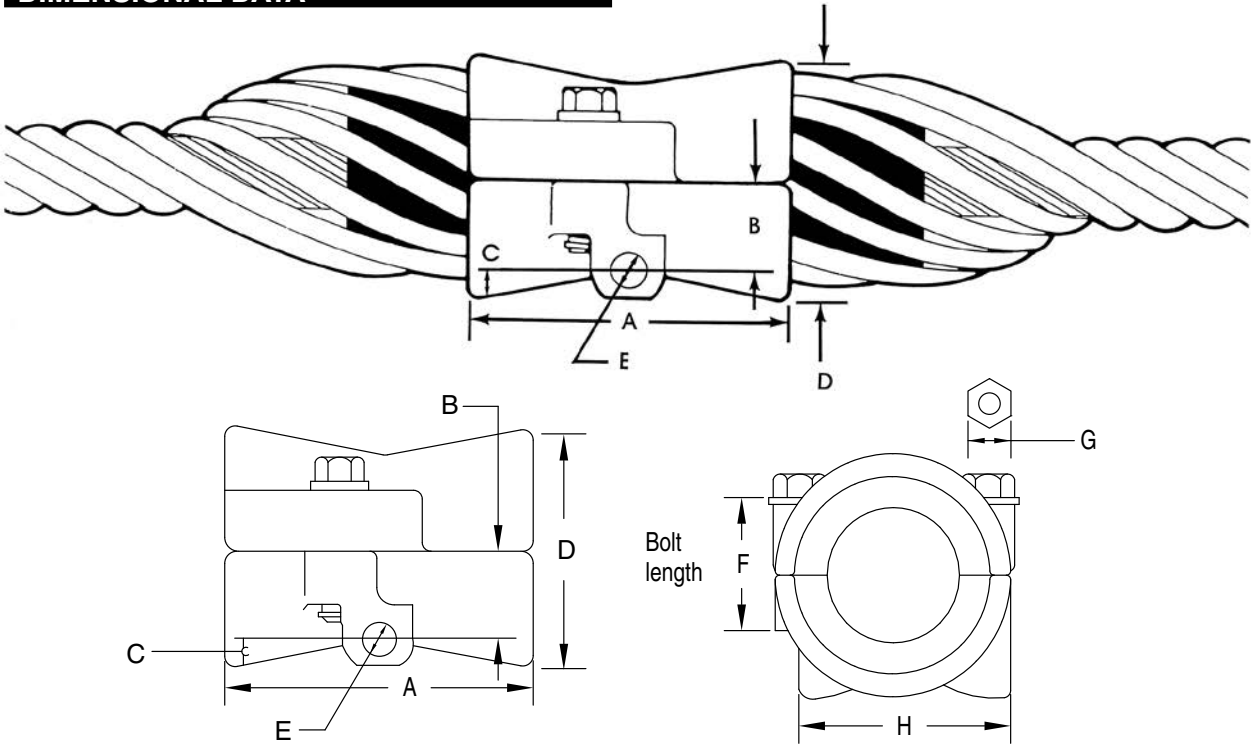


THERMOLIGN® Support

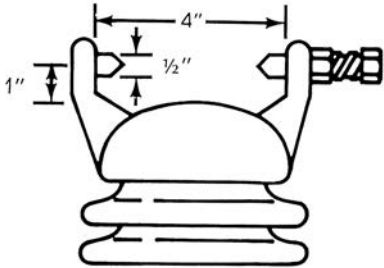
DIMENSIONAL DATA



Conductor Ranges (Inches)	Dimensions in Inches							
	A	B	C	D	E	F	G	H
.637-.708	5-1/2	1-5/16	13/16	4-3/16	19/32	2-1/4	3/4	3-7/8
.709-.855	6	1-1/2	13/16	4-5/8	19/32	2-1/4	3/4	3-7/8
.856-1.057	6-1/2	1-5/8	29/32	5-7/64	19/32	2-1/4	3/4	3-7/8
1.058-1.208	7	1-15/16	49/64	5-13/32	19/32	2-1/4	3/4	3-7/8

CLAMP TOP TRUNNION

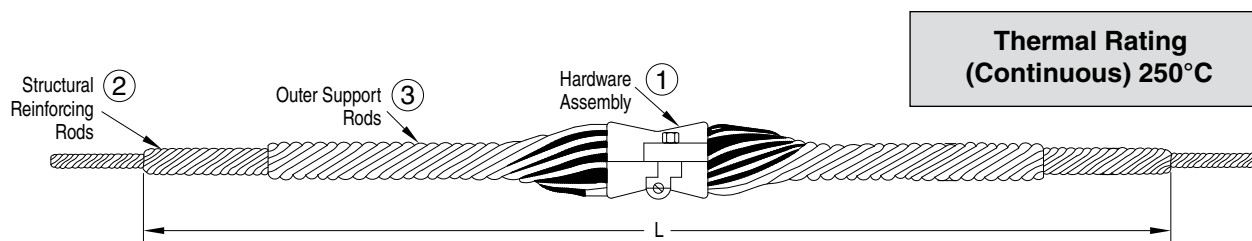
To ensure proper fit and service life, it is recommended that only line post insulators with clamp top trunnion caps that conform to ANSI standards be used. See the illustration on the right for nominal cap dimensions that illustrate ANSI standards that have been established outlining the permissible 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 C29.7-1977 for exact dimensions.



THERMOLIGN® Support



GENERAL RECOMMENDATIONS

The THERMOLIGN Support is specifically designed for trunion applications on aluminum based high temperature conductors that will be operated at continuous temperatures **ABOVE 200°C**, and features:

- Multi-layer design for maximum mechanical performance and maximum heat dissipation.
- Minimal heat transferred to mating hardware and insulators.
- Cushioned insert surrounding conductor for superior protection of sensitive conductor components against wind and ice induced dynamic loads.

GENERAL SPECIFICATIONS

Vertical Strength: 5,000# (22kN) in any direction.

Slip Load: Approximately 20% of the conductor RBS.

Line Angle: Maximum of 30° for single support.

NOTE: Add EHV to Catalog Number for 345kV application (Example: TLS-0210EHV)

Catalog Number	Diameter Range				Nominal Cond (kcmil)	Length (in) (overall)	Color Code	
	Min. (in)	Max. (in)	Min. (mm)	Max. (mm)			Inner	Outer
TLS-0194	0.637	0.637	16.2	17.1	257	98 (2.5m)	Black	Black
TLS-0195	0.674	0.708	17.1	18.0	300	98 (2.5m)	Orange	Orange
TLS-0196	0.709	0.726	18.0	18.4	336.4	100 (2.5m)	Green	Purple
TLS-0197	0.727	0.759	18.5	19.3	336.4	100 (2.5m)	Pink	Red
TLS-0198	0.760	0.786	19.3	20.0	397.5	100 (2.5m)	White	Blue
TLS-0199	0.787	0.814	20.0	20.7	477	100 (2.5m)	Purple	Green
TLS-0200	0.815	0.855	20.7	21.7	477	100 (2.5m)	Red	Yellow
TLS-0201	0.856	0.894	21.7	22.7	556	100 (2.5m)	Blue	Black
TLS-0202	0.895	0.916	22.7	23.3	556	100 (2.5m)	Black	White
TLS-0203	0.917	0.942	23.3	23.9	556	100 (2.5m)	Orange	Brown
TLS-0204	0.943	0.977	23.9	24.8	636	100 (2.5m)	Green	Orange
TLS-0205	0.978	1.016	24.8	25.8	636	100 (2.5m)	Pink	Purple
TLS-0206	1.017	1.057	25.8	26.8	636	100 (2.5m)	Purple	Red
TLS-0207	1.058	1.079	26.8	27.4	715	112 (2.8m)	White	Blue
TLS-0208	1.080	1.112	27.4	28.2	795	112 (2.8m)	White	Green
TLS-0209	1.113	1.150	28.2	29.2	954	112 (2.8m)	Yellow	Yellow
TLS-0210	1.151	1.188	29.2	30.2	954	112 (2.8m)	Yellow	Black
TLS-0211	1.189	1.208	30.2	30.7	954	112 (2.8m)	Yellow	White
TLS-0212	1.209	1.262	30.7	32.1	1033.5	125 (3.2m)	Brown	Red