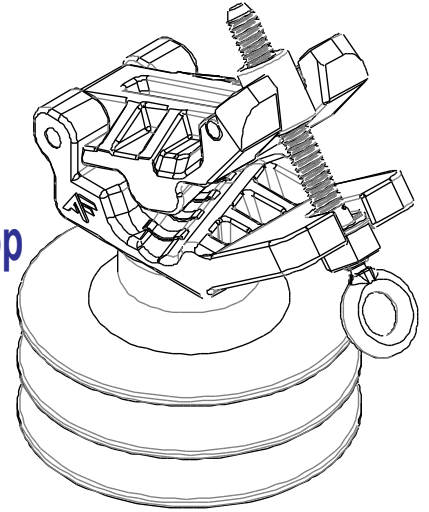




Clamp Top Insulators

ALUMA-FORM®

- Patent pending design
- Single bolt design reduces installation time and cost
- Easier installation with no bolt removal to load conductor
- No stringing tool required as conductor installs same as tie-top
- Compound angle for direct bolt access below arm
- Fulcrum clamp for highest clamping force in the industry
- GO-95 compliant
- Heat dissipating design in over-load scenarios
- Up to 30 deg. turning angle in either direction with standard pin
- Meets all ANSI requirements
- RUS approved
- Ozone and UV resistant High Density Polyethylene construction
- 100% X-ray to ensure no voids
- All insulators permanently marked AF logo, Date Code, and ANSI Class
- 1" pin threads
- Impact resistant



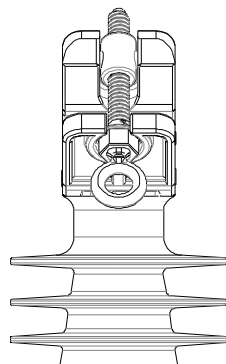
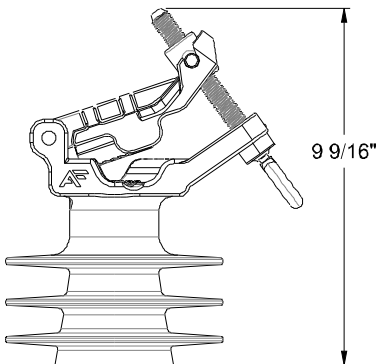
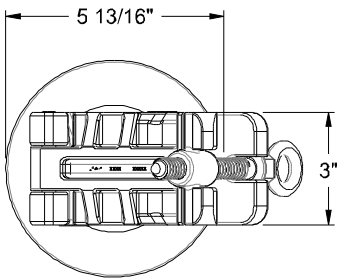
<u>INS</u>	-	<u>15</u>	-	<u>P</u>	<u>C</u>	-	<u>1</u>	-	
Insulator		Typical Application, kV		Insulator Type	Insulator Neck		Thread Size		Options
		15 = 15kV		P = Pin	C = C Neck		1 = 1"		P = Peek Inserts (clamp top only) Blank = Ceramic Inserts (clamp top only)
		25 = 25kV			F = F Neck		2 = 1-3/8"		
		35 = 35kV			J = J Neck				
					K = Clamp Top				



ALUMA-FORM®

Clamp Top Insulators

CAT #	ANSI CLASS	TYPICAL APPLICATION (kV)	PINHOLE DIAMETER (IN)	LEAKAGE DISTANCE in. (ANSI)	CANTILEVER STRENGTH LBS (ANSI)	60 Hz DRY FLASHOVER kV (ANSI)	60 Hz WET FLASHOVER kV (ANSI)	IMPULSE FLASHOVER POS. kV (ANSI)	IMPULSE FLASHOVER NEG. Kv (ANSI)	LOW FREQUENCY PUNCTURE kV (ANSI)
INS-15-PK-1	55-3 / 55-4	15	1	16.3 (9)	>3500 (2500)	80 (65)	53 (35)	140 (105)	160 (130)	180 (95)
INS-15-PK-1-P	55-3 / 55-4	15	1	16.3 (9)	>3500 (3000)	80 (65)	53 (35)	140 (105)	160 (130)	180 (95)
INS-15-PKW-1	55-3 / 55-4	25	1	16.3 (9)	>3500 (3000)	80 (65)	53 (35)	140 (105)	160 (130)	180 (95)
INS-15-PKW-1-P	55-3 / 55-4	25	1	16.3 (9)	>3500 (3000)	80 (65)	53 (35)	140 (105)	160 (130)	180 (95)
INS-25-PK-1	55-5	25	1	16.5 (12)	>3500 (3000)	82 (80)	55 (45)	142 (130)	162 (150)	189 (115)
INS-25-PK-1-P	55-5	25	1	16.5 (12)	>3500 (3000)	82 (80)	55 (45)	142 (130)	162 (150)	189 (115)
INS-25-PK-2	55-5	25	1-3/8	16.5 (12)	>3500 (3000)	82 (80)	55 (45)	142 (130)	162 (150)	189 (115)
INS-25-PK-2-P	55-5	25	1-3/8	16.5 (12)	>3500 (3000)	82 (80)	55 (45)	142 (130)	162 (150)	189 (115)
INS-35-PK-1	55-6	35	1	22.0 (15)	>3500 (3000)	121 (100)	72 (50)	205 (150)	225 (170)	210 (135)
INS-35-PK-1-P	55-6	35	1	22.0 (15)	>3500 (3000)	121 (100)	72 (50)	205 (150)	225 (170)	210 (135)
INS-35-PK-2	55-7	35	1-3/8	22.0 (15)	>3500 (3000)	121 (100)	72 (50)	205 (150)	225 (170)	210 (135)
INS-35-PK-2-P	55-7	35	1-3/8	22.0 (15)	>3500 (3000)	121 (100)	72 (50)	205 (150)	225 (170)	210 (135)



The Clamp Top Pin Insulator utilizes a compound angle clamp for direct access below the arm, making it easy to install with a hotstick.

The clamping mechanism creates a fulcrum effect on the cable for up to 3:1 ratio of tightening force vs clamping force.

Clamp Top Pin Insulators are offered with two different inserts.

PEEK – Limits the cable retention force up to 450 lbs to comply with GO-95 requirements.

Ceramic – Delivers up to 1000 lbs. cable retention.

Each insert is approved for use with all types of cable including aluminum, copper, bare, and insulated.

The Clamp Top insulator is made from UV resistant and fire retardant polymers.

15 kV shown above