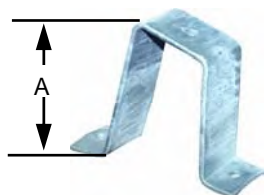
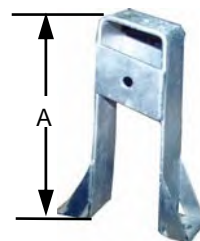


LINE POST HARDWARE

Stand Off Bracket (Post Type Insulator)



K80-2



K80-18

Cat No.	A Inches	Slot Size Inches	Hole Dia. Inches	Shipping Wt. lbs (100 pcs)	Std. Pkg
K80-1	3	13/16 x 1-1/4	13/16	650	10
K80-2	9	13/16 x 1-1/4	13/16	1100	1
K80-5	9	13/16 x 1-1/4	13/16	1300	1
K80-18	18	13/16 x 1-1/4	13/16	2100	1

- ◆ Heavy duty bracket for line post insulator mounting
- ◆ Can also be used with steel pin with pin type insulator
- ◆ K80-5 and K80-18 have side plates for mounting insulator pins and insulators for 90° take off
- ◆ Hot dip galvanized

Pole Top Bracket



K81-4



K81-1



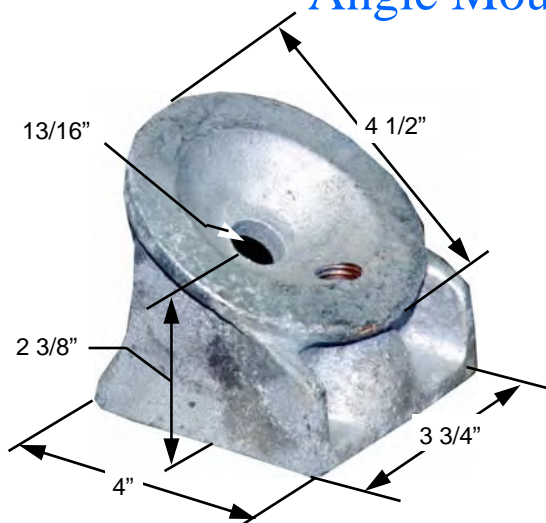
K81-3

Cat No.	Pole Mtg. Dia. Inches	Bolt Centers Inches	Stud Dia. Inches	Straight or Angle	Duty	Shipping Wt. lbs (100 pcs)	Std. Pkg
K81-1	5/8	8	3/4	Straight	Heavy	1200	5
K81-3	5/8	8	3/4	Specify	Medium	800	5
K81-4	5/8	8	3/4	Angle	Heavy	1000	5

- ◆ For use with Line Post Insulators
- ◆ Lower attachment hole is slotted to compensate for any drilling errors in pole
- ◆ Damaged insulator can be replaced without removing bracket
- ◆ Hot dip galvanized

LINE POST HARDWARE

Angle Mounting Fittings



Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K88-2	500	10

- ◆ 3/4" tapped hole
- ◆ Reduce stress on crossarm and on insulator
- ◆ Permits the use of one Line Post for turning corners or other angle construction
- ◆ Made from malleable iron
- ◆ Hot dip galvanized

Line Post Insulator Conductor Clamps



K58-4



K58-2



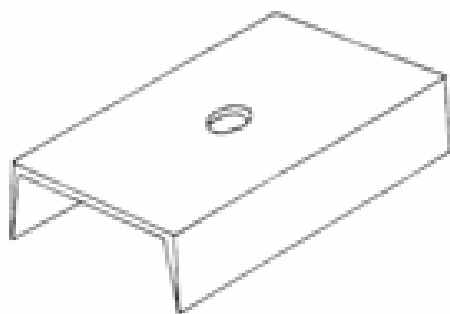
K58-3

Cat No.	Conductor Range Inches	No. of Bolts	Shipping Wt. lbs (100 pcs)	Std. Pkg
K58-1	.220 to .635	2	140	25
K58-2	.5 to 1.06	2	135	20
K58-3	.300 to .875	1	100	15
K58-4	.375 to 1.125	1	167	15

- ◆ Body and keeper are made from high aluminum alloy
- ◆ Bolts of high tensile steel
- ◆ Design for use with horizontal or vertical post insulators
- ◆ Keepers are reversible to fit different size of conductor
- ◆ All clamps supplied with anti-static stainless steel spring
- ◆ K58-3 is single bolt - can be used with hot line sticks

LINE POST HARDWARE

Line Post Insulator Saddle

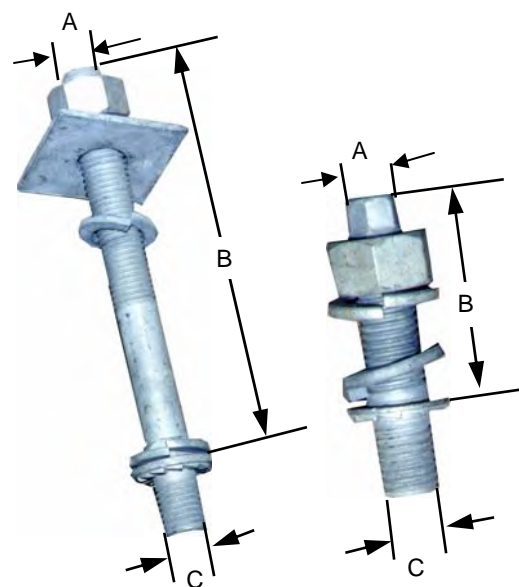


- ◆ For heavy duty or extra factors of safety
- ◆ Used to prevent splitting of arms
- ◆ Steel construction
- ◆ Hot dip galvanized

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K86	350	10

Insulator Studs (for Line Post Insulators)

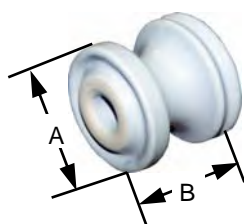
Cat No.	A Inches	B Inches	C Inches	Shipping Wt. lbs (100 pcs)	Std. Pkg
K59-1	3/4	2-1/8	3/4	76	50
K59-2	3/4	6-7/8	3/4	176	25
K59-3	5/8	6-7/8	3/4	100	25
K59-4	3/4	2-1/8	7/8	90	50
K59-5	3/4	7-1/2	7/8	200	25
K59-6	7/8	3-1/2	7/8	75	100
K59-7	7/8	8	7/8	266	15



- ◆ Made from high strength forging steel
- ◆ All studs made with hexagon to fit 11/16" wrench
- ◆ Studs also available with end hexagon for 9/16" socket wrench
- ◆ Ultimate strength in tension 21,000 lbs. min.
- ◆ Hot dip galvanized

PORCELAIN INSULATORS

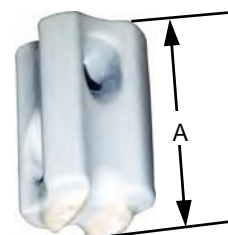
Spool Insulators



Cat No.	A Inches	B Inches	ANSI Class	Transverse Strength lbs	Shipping Wt. lbs (100 pcs)	Std. Pkg
K2030	2-1/4	2-1/8	53-1	2000	47	60
K2031	3-1/8	3	53-2	3000	120	40
K2030B	2 1/4	2 1/4	53-1	2050	44	60

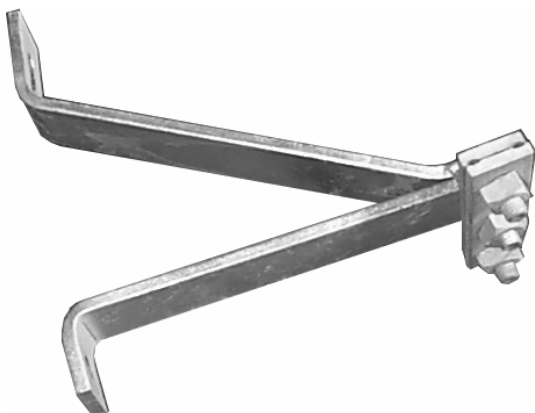
Guy Strain Insulators

Cat No.	A Inches	ANSI Class	Tensile Strength lbs	Shipping Wt. lbs (100 pcs)	Std. Pkg
K2023	3-1/2	54-1	10000	200	24
K2025	4-1/4	54-2	12000	200	24
K2033	5-1/2	54-3	20000	265	20
K2029	6-1/2	54-4	20000	445	9



CABLE MATERIAL

Offset Pole Bracket



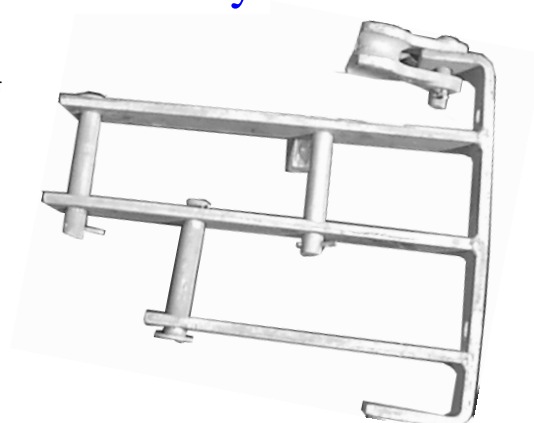
- ◆ Provides 12" spacing from pole
- ◆ 3 bolt guy clamps included can be installed on 5 KV or 15 KV systems
- ◆ Steel, hot dip galvanized

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K466	655	1

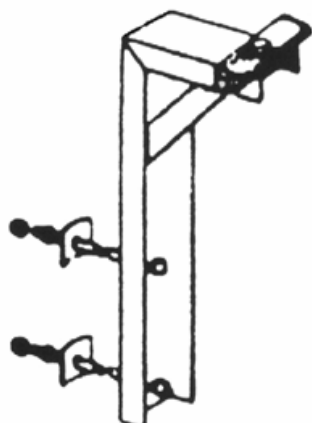
Corner Bracket Assembly

- ◆ Configuration maintained at corners allows for conductor phase identification
- ◆ Mounting bolts and spool insulators ordered separately
- ◆ Steel, hot dip galvanized

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K465	1700	1



Pole Top Extension

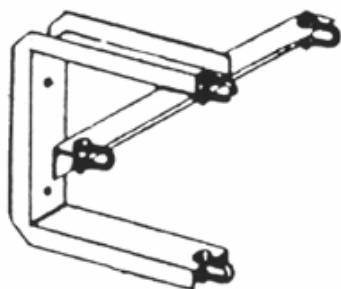


- ◆ Gives adequate pole space on existing poles
- ◆ Allows extended tangent construction
- ◆ 3 bolt guy clamp included
- ◆ Mounting bolts ordered separately
- ◆ Steel, hot dip galvanized

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K468	1100	5

CABLE MATERIAL

Dead End Bracket



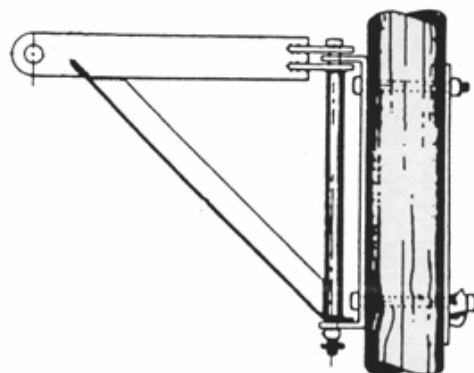
Cat No.	Shipping Wt. lbs (each)	Std. Pkg
K467	24	1

- ◆ Maintains neat configuration
- ◆ For any type of pole
- ◆ Mounting bolts ordered separately
- ◆ Steel, hot dip galvanized

Swinging Angle Bracket

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K469	1600	1

- ◆ Mounted to swing free with line
- ◆ Supplied with back plate for added support
- ◆ Guying attachment also supplied
- ◆ Mounting bolts not included
- ◆ Steel, hot dip galvanized



Corner Attachment

- ◆ 35° to 60° angles... all messengers
- ◆ Fastened to pole with one through bolt
- ◆ Use with any messenger or guy grip
- ◆ In most cases, either span or down guy can be attached with same bolt

- ◆ Thimble design will accept all types of messenger dead ending devices for both inside and outside angles from 35° to 60°
- ◆ Sufficient clearance from pole, even on maximum outside angle, is assured
- ◆ Pole contacting surface is curved for stability



Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K294	212	25

CABLE MATERIAL

Universal Clamps



Cat No.	Nut Type	Strand Size Range Inches	Conductor Size Stranded Range Inches	U Bolt Dia. Inches	Shipping Wt. lbs (100 pcs)	Std. Pkg
K44-1	Hex	3/16 to 3/8	No. 6 - 2/0	3/8	61	25
K44-2	Hex	1/2 to 9/16	No. 1 - 4/0	1/2	133	25

- ◆ Can be used on regular guy strand as well as relative soft types for both guying and dead ending applications
- ◆ Each size clamp accommodates a wide range of strand diameters
- ◆ Separating block & keeper - malleable iron
- ◆ U bolts & nuts - steel
- ◆ All parts hot dip galvanized

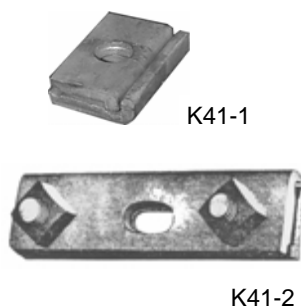
Curved Suspension Clamps

- ◆ For supporting messenger strand at angles in the line
- ◆ Curved ends prevent damage to strand wires
- ◆ Rounded strand grooves
- ◆ Steel, hot dip galvanized



Cat No.	Type	Mtg. Hole Dia. Inches	Overall Length Inches	Strand Size Inches	Shipping Wt. lbs (100 pcs)	Std. Pkg
K42-1	3 Bolt Light	11/16	7	1/4 to 7/16	290	25

Suspension Clamps



Cat No.	Type	Overall Length Inches	Mtg. Hole Dia. Inches	Strand Size Inches	Shipping Wt. lbs (100 pcs)	Std. Pkg
K41-1	1 Hole	2-3/8	11/16	1/4 to 7/16	76	25
K41-2	3 Hole	5-3/4	11/16	1/4 to 7/16	224	25

- ◆ One hole type for light cables & on cable arms
- ◆ Three hole for heavy cable & long spans
- ◆ Two 1/2" high strength bolts are assembled on 3 hole clamp
- ◆ Rounded strand grooves
- ◆ Steel, hot dip galvanized

CABLE MATERIAL

Neutral Wire Brackets



K91-1



K91-2

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K91-1*	150	50
K91-2*	40	50

- ◆ Used to support neutral conductor when using overhead lines
- ◆ Spurs prevent bracket turning on pole
- ◆ High strength aluminum
- ◆ *Can also be supplied in malleable; use Cat No. K91-2

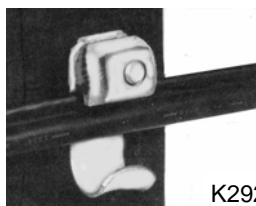
Cable Lashing Clamps

Cat No.	Shipping Wt. lbs	Std. Pkg	Std. Ctn
K90-1	16	100	300

- ◆ For securing lashing wire at end of span
- ◆ Bolt end is peened over to prevent nuts running off
- ◆ Can be securely attached to messenger before taking up tension on cable lashing wire



Suspension Clamp, Cable Hanger



K292

K292

- ◆ Curved Groove - Tangent construction or angles to 35°
- ◆ For solid wire messenger .109" to .134" bare or covered
- ◆ Accommodates 5/8" Dia. pole mounting bolt



K296

K296

- ◆ Curved Groove - Tangent construction or angles to 10°
- ◆ Clamp gripping length - 3 1/4"
- ◆ Will support cable through 200 pair, No 19

Cat No.	Shipping Wt. lbs (100 Pcs)	Std. Pkg
K292	57	25
K296	147	25

CABLE MATERIAL

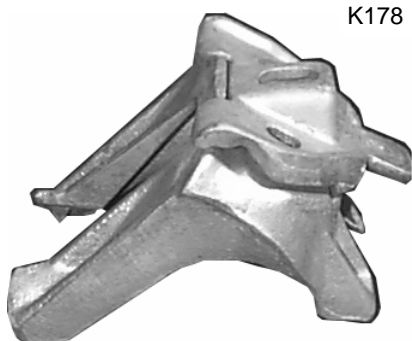
Aerial Cable Clamp



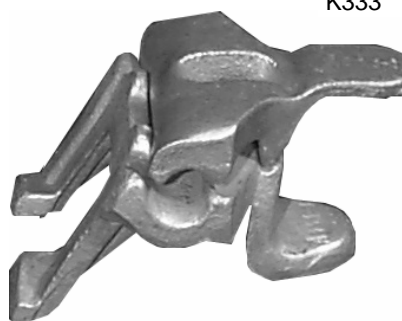
K193-1

- ◆ Ductile iron casting
- ◆ Curved clamping groove for sag of span
- ◆ Teeth on feet resist bending
- ◆ Hot dip galvanized
- ◆ * Heavy Duty

Cat No.	Shipping Wt. lbs (100 pcs)	Std. Pkg
K193-1	200	25
K333	200	15
K178*	750	6

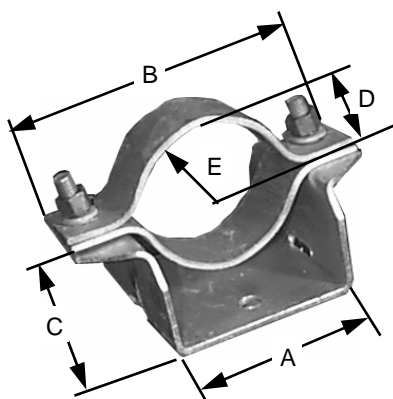


K178



K333

X, Y & Z Clamps



- ◆ All parts hot dip galvanized

Cat No.	Type	A Inches	B Inches	C Inches	D Inches	E Inches	Shipping Wt. lbs (100 pcs)	Std. Pkg
K490-1	X	2-1/8	4-3/8	1-1/4	11/16	3/4	150	20
K490-2	Y	2-7/8	5-1/4	1-5/8	1	1-1/8	200	10
K490-3	Z	3-3/4	6	2-1/8	1-7/16	1-9/16	200	10