

END FITTINGS

LINE END FITTING

The line end fitting of line post insulators are available in four different configurations: horizontal or vertical clamp-top, tie-top, or K-clamp.

All line end fittings on line post insulators are made of corrosion resistant aluminum alloy castings.

SECTION LENGTH ADJUSTMENT

| Line End Fitting | Line End Fitting Designation | Section Length |
|------------------|------------------------------|--------------------------|
| K-Clamp | K | See Technical Data sheet |
| Horizontal | H | L - 9 mm (0.4") |
| Vertical | V | L - 23 mm (0.9") |
| Tie-Top (F-neck) | TF | L - 33 mm (1.3") |
| Tie-Top (C-neck) | T | L - 53 mm (2.1") |

Clamp-Top

The conventional horizontal and vertical trunnion accommodates a standard line post insulator, bolted conductor clamp. On the horizontal design the line end fitting has an additional eye for the attachment of other devices during installation or maintenance activities.

Tie-Top

The tie-top is designed for tying a conductor to the neck of the insulator. It is available in two standard neck sizes: C or F-neck.

K-Clamp

K-Line Insulators Limited has introduced a new concept in the polymer line post live end fitting design. This end fitting is referred to as the "K" clamp. The uniqueness of this end fitting is a result of the many advantages it has over the traditional horizontal, vertical and tie-top configurations.

Some advantages of the "K" clamp include:

- 1) Excellent corrosion resistant aluminum casting
- 2) A long, smooth contoured conductor clamping zone
- 3) The clamp accommodates a full range of conductor sizes
- 4) A single captive live-line operable bolt
- 5) All parts are captive
- 6) Lower overall length permits standard cover up hoods to effectively cover all insulator sheds
- 7) The design can be installed in either a horizontal or vertical configuration
- 8) Inventory reduction is accomplished because one insulator is used for both configurations and a separate clamp is not required
- 9) The price of the new insulator is cost comparative with the purchase of a standard trunnion post insulator and a separate clamp
- 10) Substantial labour cost savings in stringing, sagging and conductor clamping
- 11) Other savings related to shipping, stocking and maintenance

BASE END FITTING

The standard base for line post insulators is a round flat iron base with a threaded hole that accommodates a standard insulator stud or bolt. For other special bases contact K-Line Insulators Limited.

Hot-dip galvanizing to CSA G164 and ASTM A153 specifications provides corrosion protection of the base end fitting.