Section 6 - BRACKETS, MOUNTS & HARDWARE

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INERTIA offers a series of supporting components and accessories to aid in the switchgear construction process including brackets, mounts, hardware, jumpers, as well as other. Please see the items listed below:

• Bracket, Mounts & Hardware Additional Production and Accessories
  15 kV - 69 kV Triangular Standard or Raptor Clearance (with or without Insulators)
  15 kV - 69 kV Twin Circuit Pole Top Insulator Frame (with or without Insulators)

• Insulator Brackets for Overhead Lines
  Special Application Pole or Tree Mounted Insulator Brackets (with or without Insulators)
  Line Post Insulator Brackets
  Single Phase or 3 Phase Termination Bracket
  Custom Standoff Brackets

• Vault Rack/Junction Bar Assemblies
  Vault Junction Bars
  Elbow Parking Stands (Standard or Wall Mounted)
  Temporary Vault Support Kits

• Substation Flex Jumpers:
  1 KA - 4 KA Super-flexible Busbar Jumpers
  800 A Flexible Tinned Copper Braid Jumpers

• Misc. Hardware:
  Station Post Insulator Adapters
  5 kV - 25 kV Phase/Conductor Spacers
  Fuse Holders, Pole Mounted
  1/2"-13 Torque-limiting Shear Nuts (303 Stainless Steel or Zinc, Die Cast)

In addition to the above listed products Inertia accepts customer requests for custom designed hardware and equipment. Please use the “Self-Design Worksheet” or submit any drawings or supporting documentation with your request for quote.
35 kV Triangular Framing Assembly

Tri-Frame brackets reduce installation time and crossarm replacement. They are available in 15 kV - 69 kV versions with either standard clearances or avian (Raptor) protection clearances. They are available with or without insulators.

- 3/4"X 1-3/4" GRADE 2 HEX BOLTS AND LOCK WASHERS SUPPLIED WITH 34.5 kV TINNED UNIVERSAL CLAMP TYPE SILICONE INSULATORS.
- TORQUE INSULATOR MOUNTING BOLTS TO 65-75 FT. LBS.

This drawing is for illustrative purposes only and therefore; may, or may not reflect the current revision of this drawing. Please request the current revision from the factory upon quote.
Twin Circuit, 34.5 kV Pole Top Insulator Frame

Twin circuit insulator brackets reduce installation time and crossarm replacement. They are available in 15 kV - 69 kV versions with either standard clearances or Avian (Raptor) protection clearances. They are available either with or without insulators.

6061-T6 Anodized Aluminum
Frame is supplied with or without insulators.
Insulator are bolted upright on the horizontal arms for shipping

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Pole or Tree Mounted Insulator Brackets

Special application insulator mounting brackets. Lightweight durable; available with or without insulators.

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