



## Adjustable Strain Pole, 18 ft (5.4 m), 5 Pins

By Chance Lineman Tools & Equipment  
Catalog # C4012149

POLE, ADJUSTABLE STRAIN, Key to many transmission and EHV maintenance jobs, these hot-line tools help support conductors while insulators are removed and replaced. Adjustable strain poles can be used with yoke plates and hook assemblies at the conductor and structure ends of suspension, V-string or deadend insulator strings. To support the hot-end trunnions or hooks, five stainless steel crosspins are located at 6" intervals on the 2"-diameter Epoxiglas™ poles. To engage deadend and suspension yokes at the hot end also requires the adjustable pole clamp of heat-treated aluminum. This pole clamp can be unlocked and positioned by hotsticks. On the cold end, a high-strength steel strain-jack with bronze tongue provides take-up with a ratchet wrench and trunnions. Wrench and trunnions must be ordered as separate items. Standard strain jack furnished with each strain pole provides 12" of adjustment. Longer strain jacks (for 24" or 36" of take-up) and extra pole clamps also may be ordered.

### Features

- Tested per OSHA & ASTM F711
- For many transmission and EHV maintenance applications
- Help support conductors while insulators are removed and replaced
- Used with yoke plates and hook assemblies at the conductor
- Also used for structure ends of suspension, V-string or deadend insulator strings
- 5 stainless-steel crosspins are located at 6" intervals on the 2"-diameter Epoxiglas™ poles to support hot-end trunnions or hooks
- Engaging deadend and suspension yokes at the hot end also require the adjustable, heat-treated aluminum pole clamp
- Pole clamp can be unlocked and positioned by hotsticks
- On cold end, a high-strength steel strain-jack with bronze tongue provides take-up with a ratchet wrench (see page 2257) and trunnions (page 2255)) (Wrench and trunnions must be ordered as separate items)
- Standard strain jack included with each strain pole provides 12" of adjustment

### General

EU RoHS Indicator	No
Style	Adjustable
UPC	096359017752



\*Representative Image

### Dimensions

Dimension - L Length Overall	5.9 m
mm	
Dimension - Length Overall	19.66 ft
inch	
Dimensions	236 in x 6 in x 6 in
Height	6 in
Length	236 in
Length - Insulated Section	180.0 in
Length Metric	599.4 mm
Lengths - Extended	236
Weight	39.0 lb
WeightMetric	17.6 kg
Width	6 in

### Electrical Ratings

Voltage - Maximum	765 kV
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### Product Assets

[Installation Manuals - CHANCE® Tools Manuals \(CENT\\_LTE\\_IOM\\_EN\\_00158\)](#)  
[Literature - Transmission Project Tools and Equipment Checklist \(CENT\\_LTE\\_FRM\\_EN\\_00082\)](#)

### Related Products

[E4011998P - Tongue Type Strain Jack for Strain Poles, 12 in \(0.3 m\)](#)  
[O59738P - Klik Pin, 0.187 X 1.562 in](#)  
[E4010138P - Pole Clamp for Adjustable Strain Poles](#)  
[E4011510P - Steel Through Pin for Adjustable Strain Poles](#)



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