



Pole, Adjustable Strain

By: CHANCE Lineman Tools & Equipment
Catalog # C4012144



ADJUSTABLE STRAIN POLE-2IN X 7FT 8IN OAL, 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	096359017707

Dimensions

Dimensions	88 in x 7.125 in x 6 in
Height	6 in
Length	88 in
Length - Insulated Section	36 in
LengthMetric	223.5 mm
Lengths - Extended	92
Weight	27 lb
WeightMetric	12.2 kg
Width	7.125 in

Electrical Ratings

Voltage - Maximum	72500 V
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Product Assets

[Catalogs - Transmission Tools \(2250\)](#)
[Installation Manuals - CHANCE® Tools Manuals \(CENT_LTE_IOM_EN_00158\)](#)<LineBreak/>
[Literature - Transmission Project Tools and Equipment Checklist \(CENT_LTE_FRM_EN_00082\)](#)

Related Products

[E4011998P - Screw, Jack Assembly](#)
[059738P - Pin, Klik](#)
[E4010138P - Clamp, Pole](#)
[E4011510P - Pin, Locking](#)



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