HUBBELL
Power Systems

Turnbuckle

By ANDERSON
Catalog # TB114JE24LN

Turnbuckles are used as adjustable extension links to maintain proper tower clearance on assemblies at tower end. Jaw ends are supplied with bolt, nut, and humpback cotter pin. Add “LN” suffix if jam nuts are required. Remove "BNK" suffix for type EE turnbuckles.

Features

- "Turnbuckle, 1-1/4", Jaw-Eye, Forged Steel, Diameter = 1.25", Take Up = 24.00" and Ult. Strength = 76,000 LBS
- The torque required to rotate the bossof a turnbuckle under tension can be calculated by the formula:
- T = 2 (kdW/12) ft-lb
- Where: k = Friction factor (0.16)
- d = Nominal thread diameter (inches)
- W = Applied tension load (lb)
- Example: 1-1/2" turnbuckle under 4,000 lb tension
- T = 2(0.16 x 1.25 x 4000 / 12) = 133 ft-lb"

General

Catalog Number	TB114JE24LN
Material	Steel
Material - Pin (Clevis)	Galvanized Steel
Number of Bolt Holes	0
Strength Rating - Ultimate	76000 lb
Strength Rating - Ultimate Body	0 lb

Dimensions

Assembly Rating (Ultimate)	0 lb
Diameter - Bolt	0 in
Diameter - Pin	0 in
Insulator Throat Diameter - Maximum	0 in
Insulator Throat Diameter - Minimum	0 in
Insulator Throat Diameter Range	0 - 0
Length - Pin	0 in
Maximum Adjustment	0 in
Ring Height	0 in
Take Up	24 in
Weight	28.4 lb

Conductor Related

Conductor Diameter - Maximum	0 in
Conductor Spacing	0 in

Product Assets

Catalogs - Transmission Connectors Catalog - Full Specifications - TB114JE24LN

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