

Turnbuckle

By ANDERSON
Catalog # [TB1JE12BNKLN](#)



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", Jaw-Eye, Forged Steel, Diameter = 1.00", Take Up = 12.00" and Ult. Strength = 50,000 LBS
- The torque required to rotate the bossof a turnbuckle under tension can be calculated by the formula:
- $T = 2 (kdW/12) \text{ ft-lb}$
- 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
- $T = 2(0.16 \times 1.00 \times 4000 / 12) = 107 \text{ ft-lb}"$

General

Catalog Number	TB1JE12BNKLN
EU RoHS Indicator	No
Material	Steel
Material - Pin (Clevis)	Galvanized Steel
Number of Bolt Holes	0
Series	TYPE JE
Strength Rating - Ultimate	50000 lb
Strength Rating - Ultimate Body	0 lb
UPC	096359330448

Dimensions

Assembly Rating (Ultimate)	0 lb
Diameter - Bolt	0 in
Diameter - Pin	0 in

Dimensions	36.813 in x 1.188 in x 0.875 in
Height	0.875 in
Insulator Throat Diameter - Maximum	0 in
Insulator Throat Diameter - Minimum	0 in
Insulator Throat Diameter Range	0 - 0
Length	36.813 in
Length - Pin	0 in
Maximum Adjustment	0 in
Ring Height	0 in
Take Up	12 in
Weight	14.239 lb
Width	1.188 in

Conductor Related

Conductor Diameter - Maximum	0 in
Conductor Spacing	0 in

Certifications And Compliance

Buy America(n) Qualified	Contact Manufacturer
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Product Assets

[Catalogs - Transmission Connectors Catalog - Full](#)
[Sales Drawings - TB-1-JE-12-BNKLN](#)
[Specifications - TB1JE12BNKLN](#)