

Turnbuckle

By ANDERSON
Catalog # [TB114JJ12](#)

"Turnbuckles are used as adjustable extensionlinks to maintain proper tower clearance onassemblies at tower end."



Features

- "Turnbuckle, 1-1/4", Jaw-Jaw, Forged Steel, Diameter = 1.25", Take Up = 12.00" and Ult. Strength = 76,000 LBS
- The torque required to rotate the boss of 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
- $T = 2(0.16 \times 1.25 \times 4000 / 12) = 133 \text{ ft-lb}"$

General

| | |
|---------------------------------|------------------|
| Material | Steel |
| Material - Pin (Clevis) | Galvanized Steel |
| Number of Bolt Holes | 0 |
| Series | TYPE JJ |
| Strength Rating - Ultimate | 76000 lb |
| Strength Rating - Ultimate Body | 0 lb |
| UPC | 096359477242 |
| With Jam Nuts | No |

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 | 12 in |
| Weight | 21.070 lb |

Conductor Related

| | |
|------------------------------|------|
| Conductor Diameter - Maximum | 0 in |
| Conductor Spacing | 0 in |

Product Assets

[Catalogs - Transmission Connectors Catalog - Full \(CA05063E\)](#)

