

# Turnbuckle

By ANDERSON  
Catalog # TB112JJ12



"Turnbuckles are used as adjustable extension links to maintain proper tower clearance on assemblies at tower end. Add "LN" suffix if jam nuts are required."

## Features

- "Turnbuckle, 1-1/2", Jaw-Jaw, Forged Steel, Diameter = 1.5", Take Up = 12.00" and Ult. Strength = 107,000 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
- $T = 2(0.16 \times 1.5 \times 4000 / 12) = 160 \text{ ft-lb}$ "

## General

Material	Steel
Material - Pin (Clevis)	Galvanized Steel
Number of Bolt Holes	0
Strength Rating - Ultimate	107000 lb
Strength Rating - Ultimate Body	0 lb
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	30.050 lb

## Conductor Related

Conductor Diameter - Maximum	0 in
Conductor Spacing	0 in

## Product Assets

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