# **Usage:**

Rescue 42 adjustable telescoping struts are used as a collapsible support system for stabilization and support for vehicles and structures. Designed in accordance with NFPA 1670 chapters 6 and 8.

# **Specifications:**

|  |  |
| --- | --- |
| D **TC-501 Long Strut:** Single Pin WL: 5,000lbs. Single Pin ML: 11,000lbs. Double Pin WL: 6,000lbs. Double Pin ML: 12,000lbs. Outer Tube Ultimate: 36,000lbs. | **TC-502 Short Strut:** Single Pin WL: 5,000lbs. Single Pin ML: 11,000lbs. Double Pin WL: 7,000lbs. Double Pin ML: 14,000lbs Outer Tube Ultimate: 39,000lbs. |

# **other Equipment:**

* Constructed of 12 gauge, 60,000psi. average yield steel complying with ASTM A653 coating G-140.
	+ American Society for Testing and Materials
	+ A653 Mild (low-carbon) Hot Dipped Galvanized Steel
	+ G-140 designates a zinc coating of 1.40 oz/square foot
* Outer Tube 2.5” square and powder coated to resist corrosion

**TC-503 Ratchet Strap:**

* 27’ Long
* 3,300lb. WL
* 10,000lb. TL

**TC-505 Hook Cluster**

* 5,000lb. WL
* 20,000lb. TL

**TC-506 Cinch Ring**

* 4,000lb. WL
* 16,000lb. TL

**TC-507 Jack Head**

* 3,000lb. WL

**A-Frame Head**

* 5,000lb. WL
* 10,000lb. TL

**Strut Jack**

* 8,000lb. WL
* 16,000lb. TL
* 20:1 Mechanical Advantage (1lb. force=20lb. lift force)
* 8:1 Handle To Lift Ratio (8 turns=1” of lift)

**O-Plate**

* 19,000lb. Pulling force with use of hydraulic equipment
* “O’Connell Heavy Rescue Plate”

**Spike Foot**

* Allows for anchor placement on corners, rebar, rails and anywhere a traditional base doesn’t work