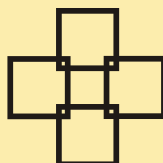
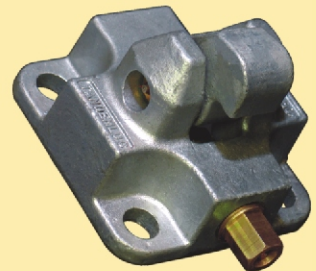


# TIEDOWNS

MIL STD 209 • ISO LOCKS • STANDARD & CUSTOM



# TANDEMLOC

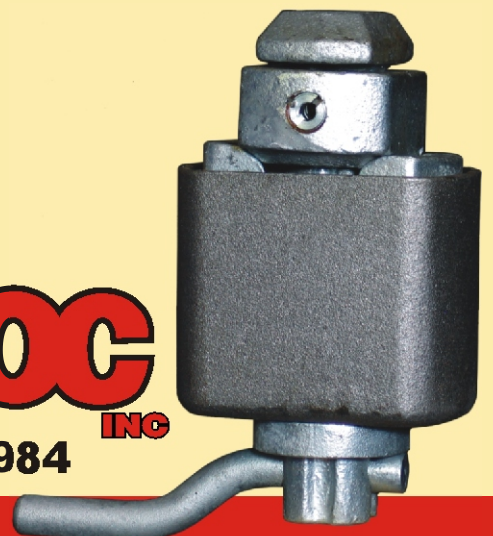
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# A SAMPLING OF TANDEMLOC TIEDOWNS

## LINKED TIEDOWN ASSEMBLIES - T12200A

**MIL STD 209  
TIEDOWN**



The **Linked Tiedown** is typically used to install along the side rails of flat beds or steel platforms and used as a tie down point. It offers an excellent range of motion to align with the lash angle. The MTRV program utilized this item supplied hot-dipped galvanized with a black matte "Dacrokote" finish to reduce the visibility in combat.

Tandemloc Linked Tiedowns can be furnished self-colored or hot-dipped galvanized without the Dacrokote. We have also developed an "anti jingle" clip (not shown) that holds the tiedown ring in place, keeping the assembly from making noise when the truck is underway.

The tiedown bracket is low carbon steel for excellent welding characteristics. Links and tiedown ring are forged alloy steel.

- T12200A: Linked Tiedown
- Tiedown per MIL STD 209J
- STRENGTH RATING: 10,000 Lb. Min
- ULTIMATE STRENGTH: 15,000 Lb
- Weight: 3.10 Lbs
- Installed on MTRV trucks

*Thousands and thousands are in the field right now, supporting the warfighter.*

*Specialty Finishes Available!*

## FLUSH CARGO TIEDOWN RINGS — S33000 SERIES

### S33000A — Compact Design, Big Performance

**MIL STD 209  
TIEDOWN**

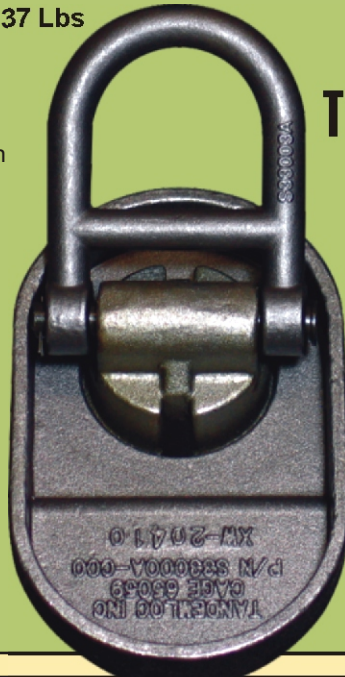


- Meets MIL STD 209H - Class 4
- 10,000 Lb Load Capacity — Single Tension, without yield
- Safety Factor to Ultimate Strength (15,000 Lb) 1.5 Min.
- 6.84" (±.06") Length / 4.37" (±.05") Width
- The TANDEMLOC S33000A is currently installed in FMTV trucks fielded worldwide
- Weight 6.37 Lbs

These tiedowns rotate 360° about the vertical axis and a min of 150° about the horizontal axis. It is designed to swivel & swing to the tension load plane of the tiedown within those angles, assuming the angle of "pull", without a reduction in strength.

Fully weldable steel housings contain the forged tiedown ring assemblies.

The ring is an anchoring point for lashing hooks, shackles or a 3" wide band type securing strap when passed through the "straight bar" part of the ring.



### THE 25 TON MEGA TIEDOWN

#### S33000H Big Design, Huge Performance

- Meets MIL STD 209K
- Minimum Yield Strength 50,000 Lb, in any direction
- Ultimate Strength 66,000 Lb, in any direction
- 10.2" (±.06") Length / 6.56" (±.05") Width
- Weight 21.56 Lbs

*Tandemloc Flush Tiedown Rings —  
Designed to Swivel and Swing 360°!*



See the video at [tandemloc.com](http://tandemloc.com)!

## THE TANDEMLOC 3-IN-1 TIEDOWN — T12000D

**MIL STD 209  
TIEDOWN**



The Tandemloc 3-in-1 Tiedown incorporates **two Tiedowns per MIL STD 209 and one Twistlock per ISO 3874** all in one weldable housing.

Excellent choice for flatbeds. Built to last — all parts are hot-dip galvanized. Tiedown rings are additionally coated with black *Dacrocoat* to reduce visibility during conflict while providing superior corrosion resistance.

- Meets MIL STD 209
- Used on Military truck beds to secure general cargo and containers
- Available in a very shallow design
- Twistlock Meets ISO 3874
- Hot-Dip Galvanized!
- Installed on MTRV trucks

*Two MIL STD 209 tie-downs, one ISO3874 weldable housing.*



**S33000E-C00 - RAISED SWIVEL TIEDOWN RING**



*The S33000E Series Tiedown conforms to Mil Std 209.* This style incorporates a low profile, fully weldable housing that can be surface-mounted rather than flush-mounted as it's sister tiedown, the S33000A Series (above). It rotates 360° about the vertical plane and 150° horizontal. It will swivel and swing to the load plane within these angles. This Series incorporates a low profile, fully weldable, compact housing that can be surface-mounted or flush-mounted. It can be welded to bolt-on plates for removability. The tiedown ring will work with hooks or you can lash flat bands to the ring's cross bar.

- Meets MIL STD 209H
- LOAD CAPACITY: 10,000 Lbs. (Single Tension)
- Safety Factor to Ultimate Strength is 1.5 Min
- WEIGHT: 4.0 Lbs
- Tiedown rotates 360° about vertical axis and min of 150° at horizontal axis. It is designed to swivel & swing to the tension load plane of the tiedown within those angles

**ALLOY STEEL D-RING & STRAP — AJ12A00**

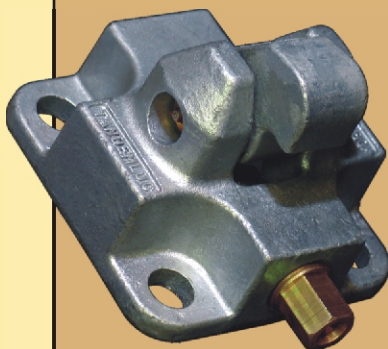


**Heavy-Duty Alloy Steel D-Rings**  
Our alloy steel D-rings are currently available in two sizes with capacities to 30,800 lbs. This product meets Mil Std 209K and is designed for restraining cargo on military equipment such as tactical wheeled vehicles.

*Tandemloc D-Rings are available in many sizes, configurations and capacities —*

- Meets MIL-STD 209
- Load Ranges from 7,800 Lb to 30,800 Lb
- D-Ring - Heat-Treated Alloy Steel
- Strap - Low Carbon Steel
- D-Rings and straps are self-colored or primer-painted and bulk packed.

**THE VERTICAL CLAMP CONNECTOR (VI-SO) — K08A00A-1GA**



**For a Slack-Free Connection —**  
The VI-SO fits ISO 1161 Corner Fitting large aperture and, provides a clamping action that removes any slack between the corner fitting and the body of the connector.  
The VI-SO Connector has a bolt-on base or it may be welded to a suitable platform. Hot Dipped galvanized for rugged use.

For a slack-free, clamp-down connection of ISO 668 type container or similar. Connector enters bottom aperture of standard corner fitting (ISO 1161) & clamps the bottom wall.

- Max allowable loads for one VI-SO:**
- 44,000 Lbs. - against upward force
  - 50,000 Lbs. - traverse shear
  - 200,000 Lbs. - compression
- HIGHER STRENGTHS AVAILABLE**
- Safety Factor to Ultimate Strength is 1.5 Min
  - WEIGHT: 4.0 Lbs
  - Two grease fittings - easy lubrication

Rotate drive stud to vary clamping force.

See the video at [tandemloc.com](http://tandemloc.com)!

**TRAILOC - RETRACTABLE UNIVERSAL TYPE — 806000N-U00**

- Upward restraint - 44,000 Lb
- Ultimate transverse shear - 30,000 Lb - Shear rating can be increased as requested
- WEIGHT: 12.0 LB.
- FINISH: The housing is self-colored for ease of welding. Other parts are hot-dip galvanized

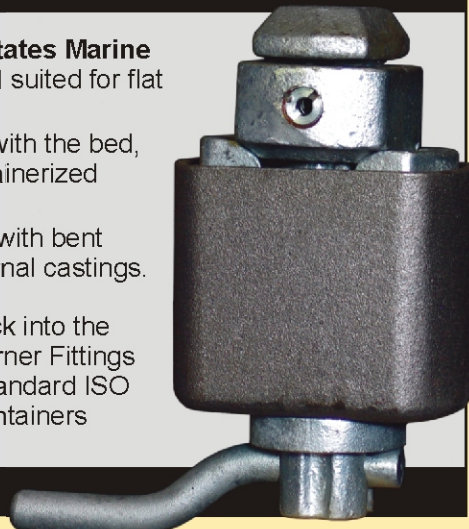


Tandemloc Trailoc / Twistlocks can be configured to many requirements.

**Originally designed for the United States Marine Corps**, this retractable Twistlock is well suited for flat bed type trailers.  
When retracted, the Twistlock is flush with the bed, enabling the flat bed to carry non-containerized cargos.  
A very economical device, the Trailoc, with bent handle and hot dipped galvanized internal castings.



Insert and lock into the ISO 1161 Corner Fittings located on standard ISO 668 Type Containers



See the video at [tandemloc.com](http://tandemloc.com)!



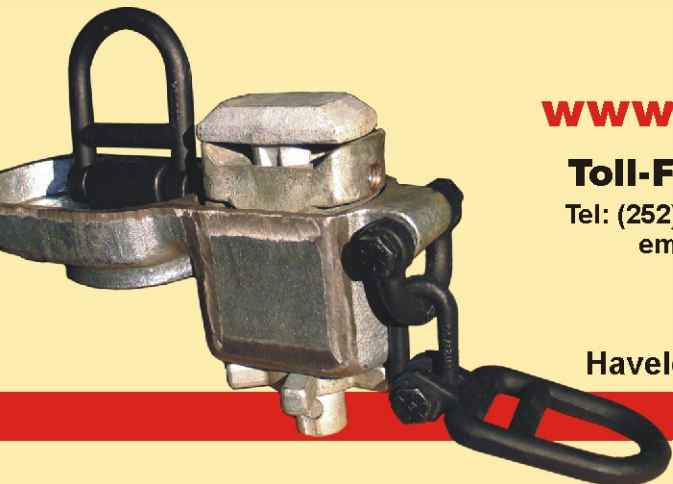
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Tel: (252) 447-7155 · Fax: (252) 447-5502

email: [info@tandemloc.com](mailto:info@tandemloc.com)

Tandemloc, Inc.

824 Hwy 101

Havelock, NC 28532-0279 USA