EVERYTHING YOU NEED FROM A TO Z TO MOVE ANYTHING FROM A TO B.

WELCOME TO OUR CATALOG.

From anchor points to zinc coated winches and everything in-between, Ancra’s world class cargo restraint systems equip you to take to the road with a stable, secure load. Whether your cargo calls for standard or heavy-duty restraint, in this comprehensive catalog you’ll find dependable flatbed, interior van solutions, lifting slings, auto transport products, hardware, and utility tie downs to meet all your load securement requirements and ensure your compliance with CSA.

THIS CATALOG IS ORGANIZED TO SAVE YOU TIME AND EFFORT.

There are seven major product sections:
- Flatbed
- Utility Tie Downs
- Interior Van
- General Hardware & Webbing
- Auto Transport
- General Information
- Lifting Slings

Color-coded pages in each section help you find the desired category quickly. All products are presented with photos and complete descriptions, capacities and sizes. Drawings and sidebar how-tos give you additional details, as well as web links and Quick Response (QR) Codes that connect you to dynamic online information.

Trucker-Friendly Pages

If you’re looking for a specific product, it’s easy to find in our Index listings. Whether you’re searching by part number or product name, you can find what you’re looking for in our Numerical Index starting on page 98, or our Alphabetical Index on page 109.

Product pages offer comprehensive product information and more:

Trucker Tips:
Handy, helpful tips in boxes framed in black and yellow stripes.

Part Numbers:
Listed in boldfaced type followed by technical specifications.

Warnings:
Vital Information regarding product use or hazards on the road highlighted in color boxes.

Did you know?:
Facts and figures, historical industry notes stand out with their blue background.

QR Codes:
Quick Response icons when scanned on your smart phone can connect you to videos, demonstrations and details.

Links:
Take you to website pages for deeper information.
PAYMENT OPTIONS
AUTHORIZED DISTRIBUTORS CAN PAY BY CHECK, MONEY ORDER, OR WIRE OR BANK TRANSFER. YOU CAN OPEN A LINE OF CREDIT BY REQUESTING A CREDIT APPLICATION FROM OUR CUSTOMER SERVICE DEPARTMENT. AFTER THE SHORT APPROVAL PROCESS, YOU WILL BE READY TO PLACE YOUR ORDER.

HOW TO PLACE AN ORDER
ANCRA’S EXPERIENCED CUSTOMER SERVICE DEPARTMENT WILL HELP YOU WITH ALL QUESTIONS AND SPECIAL REQUESTS. YOU CAN CONTACT OUR STAFF TOLL FREE AT 1-800-929-2627. FAX ORDERS TO 1-800-347-2627, OR EMAIL CARGO- SALES@ANCRA.COM. ELECTRONIC ORDERING OPTIONS ARE AVAILABLE AS WELL.

SAFETY IN NUMBERS TIMES 3

Solid parent organization
Ancra International has continuous access to professional services, financial and insurance partners and best practices policies, plus the further advantage of a solid parent organization, the Heico Companies, with annual sales approaching $3-billion.

Safety factors
It doesn’t take a numbers person to appreciate the built-in safety factor of reputable products. At Ancra, we use our own in-house testing facilities as well as independent sources to test and retest our securement products. It’s a process that begins with initial design concepts and continues through the final manufacturing.

It doesn’t end there. We constantly spot test finished products to make sure they meet quality cargo control standards day after day. We even test and evaluate products that have been in service for signs of corrosion and fatigue. When you see the working load limits permanently marked on Ancra winches, you can be sure those numbers will be met, and more.

In-service record
There’s a third way we ensure safety in numbers. Serving the trucking industry for decades we have hundreds of thousands of reliable products working hard everyday. Truckers know what’s good.
# TABLE OF CONTENTS

## COLOR-CODED PRODUCT SECTION

### Flatbed Solutions

- Web Winches .................................................. 2, 3, 4, 5
- Combination Winches .......................................... 6
- Cable Winches .................................................. 6
- Lashing Winches ................................................ 7
- PortaWinch™ & Porta Anchor™ .............................. 8
- Winch Dimension Chart ........................................ 9
- Winch Track ...................................................... 10
- SilverCap™ OverDrive™ Ratcheting Cap ..................... 11
- Cable & Chain Anchors ........................................ 11
- Winch Bars ..................................................... 12
- Forged D-Rings .................................................. 13
- Hooks & Web Winders .......................................... 13
- Safety Products, Banners, Flags .............................. 14
- GlideLock® ..................................................... 15
- Coil Rack ....................................................... 15
- Corner Protectors ............................................... 16, 17
- Tarp Protector ................................................... 16
- Web Protector ................................................... 16
- Rubber Rope & Hooks .......................................... 17
- Tarp Ties ......................................................... 18
- Transport Chain & Hardware .................................. 19, 20, 21, 22, 23
- Chain Load Binder & Accessories ............................ 24, 25
- Floor Chain Tie Downs ......................................... 25
- Winch Strap Assemblies, X-TREME .......................... 26, 27, 28
- Winch Strap Assemblies, Standard .......................... 29, 30, 31
- Roll On/Off Container Straps .................................. 31
- Ratchet Strap Assemblies, X-TREME ........................ 32, 33
- Ratchet Strap Assemblies, Standard ........................ 34, 35, 36
- Ratchet Strap Replacements ................................... 37, 38

### Auto Transport Solutions

- Car Hauler Straps ............................................... .62
- Car Tie Downs .................................................... .62, 63
- Dolly Straps ....................................................... .63
- Transit Straps ..................................................... .63
- Tire Bonnets ...................................................... .64
- Lashing Winches ................................................ .64

### Lifting Solutions

- Round Slings .................................................... .66
- Eye to Eye Web Slings ......................................... .67, 68

### Utility Tie Downs

- Ratchet Strap Assemblies ..................................... .70
- Cam Strap Assemblies .......................................... .70
- Packaged Straps ................................................ .71
- Trackstar Motorcycle Wheelchock ............................ .71
- Pickup Truck Cargo Nets ....................................... .72

### General Hardware & Webbing

- Ratchet Buckles ................................................ .74, 75, 76
- Overcenter Buckles ............................................. .76
- Cam Buckles ...................................................... .77
- Roller Buckle ..................................................... .77
- 3-Bar Slide Adjuster ............................................. .77
- Wire Hooks ....................................................... .78
- Flat Hooks ......................................................... .79
- Snap Hooks ....................................................... .80
- Rings ............................................................. .80
- Bolt Plates ....................................................... .81
- Track Fittings ..................................................... .82, 83
- Chain Attachments ............................................. .83
- Clevis Hooks ..................................................... .84
- RTJ Cluster Hook ............................................... .84
- Chain Hardware ................................................ .85, 86
- Webbing ........................................................ .87
- Heavy Duty Aircraft Style Track .............................. .88
- Heavy Duty Beveled Aircraft Style Track .................... .88
- Bottle Jacks ....................................................... .89
- Merchandising ................................................... .90

### General Information

- Specifications/Warranty ........................................ .92
- Industry Standards ............................................. .93, 94
- Replacement Criteria ........................................... .95
- Glossary ........................................................ .96
- Trade Association, Resources .................................. .97
- Index by Product Number ....................................... .98
- Index by Product Name .......................................... .109
Ancra’s trusted straps and high performance winches, tie downs, and chain assemblies are engineered to meet the challenges of today’s highways. If it wears the Ancra name, it can be trusted.

- Long wearing heavy-duty components in every assembly
- Weather resistant, performance proven products
- Specially engineered construction for maximum durability
- Quick and easy operation
- Products to meet your most demanding applications
- Custom products available to meet your unique needs
STRONGEST IN THE INDUSTRY

Ancra winches comply with DOT, WSTDA-T3 and Canadian Standard 905 regulations. Available in different base configurations to suit a variety of needs and load requirements.

All winches shown are right hand models. Left hand models may be available on special orders.

WEB WINCHES

Bottom Mount

Black powder coat finishes are standard on portable and slider winches. E-coat finishes are standard on weld-on and 3-bar winches.

Powder coating withstands 250 hours of standard salt spray testing to ensure years of service.

Stamped working load limit and Ancra name certify quality.

High-strength alloy pawl pins.

43563-10
Standard
Weight: 9.6 lbs./4.4 kg.
WLL: 5,500 lbs./2,500 kg.

43573-10
Standard Storable
Weight: 8.5 lbs./3.9 kg.
WLL: 5,500 lbs./2,500 kg.

43564-12
Standard Storable Portable w/ 2SS
Weight: 11.1 lbs./5.0 kg.
WLL: 5,500 lbs./2,500 kg.

43564-14
Standard Portable w/ 2SS
Weight: 10.7 lbs./4.85 kg.
WLL: 5,500 lbs./2,500 kg.

43564-16
Low Profile Portable w/ 2SS
Weight: 10.1 lbs./4.58 kg.
WLL: 5,500 lbs./2,500 kg.

43573-11
Standard Storable 2" Spool
Weight: 10.4 lbs./4.7 kg.
WLL: 5,500 lbs./2,500 kg.

43573-12
Standard Storable 3" Spool
Weight: 10.5 lbs./4.77 kg.
WLL: 5,500 lbs./2,500 kg.

43573-13
Standard Storable 4" Spool
Weight: 12.4 lbs./5.6 kg.
WLL: 5,500 lbs./2,500 kg.

48783-10
Standard Double Cap
Weight: 9.0 lbs./4.1 kg.
WLL: 5,500 lbs./2,500 kg.
## WEB WINCHES

### Side Mount

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
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<tr>
<td>43579-20</td>
<td>Low Profile</td>
<td>7.3 lbs./3.3 kg.</td>
<td>5,500 lbs./2,500 kg.</td>
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</table>

### Sliders

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>43565-127</td>
<td>Storable Bottom Mount C Track Slider</td>
<td>8.3 lbs./3.8 kg.</td>
<td>6,000 lbs./2,730 kg.</td>
</tr>
</tbody>
</table>

### Did You Know? About Winches

- **3-BAR**: Designed for easy strap insertion during snow and ice conditions. Prevents the mandrel from freezing up.
- **PORTABLE**: Versatile and meant for temporary installation, and can be placed along the trailer side frame.
- **SPOOL**: Designed to reduce strap wear, spool discs guide and store the webbing into a single roll up to 30’.
- **STANDARD DOUBLE CAP**: Incremental adjustment from both sides of the winch allows for clearance applications.
- **SLIDERS**: Allow for easy positioning in the track, but lock into place when tension is applied to the strap. For use with Ancra track 42357-11, 42357-21, 49242-10-120 or equivalent.
WEB WINCHES

Sliders

49207-127
Storable
Double L Track Slider
Lighter 7mm heat treated frame
Weight: 6.8 lbs./3.09 kg.
WLL: 5,500 lbs./2,500 kg.

49207-127-ZP
Storable
Double L Track Slider
Zinc Plated
Lighter 7mm heat treated frame
Weight: 6.8 lbs./3.09 kg.
WLL: 5,500 lbs./2,500 kg.

49207-137
Standard
Double L Track Slider
Lighter 7mm heat treated frame
Weight: 6.5 lbs./2.95 kg.
WLL: 5,500 lbs./2,500 kg.

49207-137-ZP
Standard
Double L Track Slider
Zinc Plated
Lighter 7mm heat treated frame
Weight: 6.5 lbs./2.95 kg.
WLL: 5,500 lbs./2,500 kg.

49207-187
Low Profile
Double L Track Slider
Lighter 7mm heat treated frame
Weight: 6.2 lbs./2.81 kg.
WLL: 5,500 lbs./2,500 kg.

49246-10-BP
Standard
Utility Trailer Track Slider
Weight: 13 lbs./5.9 kg.
WLL: 5,500 lbs./2,500 kg.

PRODUCT FEATURES

+ USE SLIDER WINCHES WITH ANCRA 49242-10-120, 49789-10-120.00, AND 42357 SERIES TRACK
+ SLIDERS POSITION EASILY IN THE TRACK
+ LOCK IN PLACE WITH STRAP TENSION
+ STRONG HEAT-TREATED 7MM FRAMES FOR LIGHTER WEIGHT, FUEL ECONOMY ON MOST MODELS
+ BLACK POWDER COAT FINISHES ARE STANDARD ON PORTABLE AND SLIDER WINCHES AND E-COAT FINISHES ARE STANDARD ON WELD-ON AND 3-BAR WINCHES.
+ SPECIAL ZINC-PLATED FINISHES AVAILABLE ON SELECT MODELS

TRUCKER TIP
INSPECTING, CLEANING AND LUBRICATING A WINCH WILL KEEP IT IN GOOD WORKING ORDER.
(SEE PAGE 7)

LOOSE TIE DOWNS?
Even with enough tie downs in place, if any are loose or defective, you could get a citation.
### WEB WINCHES

#### Sliders

**49706-10**
- Standard Wilson Track Slider
- Weight: 12.5 lbs./5.7 kg.
- WLL: 5,500 lbs./2,500 kg.

**49706-11**
- Low Profile Wilson Track Slider
- Weight: 11.5 lbs./5.2 kg.
- WLL: 5,500 lbs./2,500 kg.

#### 3-Bar

Weld-on and 3-Bar winches have black E-coat finish. Select models are offered with zinc plating (ZP) or a Silver Galvanized (SG) finish for corrosion resistance.

**48101-177**
- 3-Bar Standard C Track Slider
- Lighter 7mm heat treated frame
- Weight: 12.8 lbs./6.8 kg.
- WLL: 6,000 lbs./2,730 kg.

**48101-10**
- 3-Bar Low Profile Side Mount
- Weight: 13.3 lbs./6.0 kg.
- WLL: 6,000 lbs./2,730 kg.

**48101-10-SG**
- 3-Bar Low Profile Side Mount
- Silver Galvanized Finish
- Weight: 13.3 lbs./6.0 kg.
- WLL: 6,000 lbs./2,700 kg.

**48101-14**
- 3-Bar Standard Bottom Mount
- Weight: 14.6 lbs./6.6 kg.
- WLL: 6,000 lbs./2,730 kg.

**48101-16-SG**
- 3-Bar Standard Portable w/ 2 Set Screws
- Silver Galvanized Finish
- Weight: 16.0 lbs./7.26 kg.
- WLL: 6,000 lbs./2,730 kg.

**49207-207**
- 3-Bar Standard w/ Side Washers Double L Track Slider
- Lighter 7mm heat treated frame
- Zinc Plated
- Weight: 11.9 lbs./5.4 kg.
- WLL: 5,500 lbs./2,500 kg.

**49207-207-ZP**
- 3-Bar Standard w/ Side Washers Double L Track Slider
- Zinc Plated
- Weight: 11.9 lbs./5.4 kg.
- WLL: 5,500 lbs./2,500 kg.
## COMBINATION WINCHES

Ancra winches are made in a variety of configurations to fit any application that requires cable or up to a 4” wide strap.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight (lbs./kg)</th>
<th>WLL (lbs./kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>41681-10</td>
<td>Standard Bottom Mount</td>
<td>10.6/4.8</td>
<td>5,500/2,500</td>
</tr>
<tr>
<td>43488-20</td>
<td>Low Profile Side Mount</td>
<td>10.9/4.9</td>
<td>5,500/2,500</td>
</tr>
<tr>
<td>43908-10</td>
<td>Recessed Box</td>
<td>12.9/5.9</td>
<td>5,500/2,500</td>
</tr>
<tr>
<td>43997-10</td>
<td>Low Profile Leg Bracket</td>
<td>8.7/3.9</td>
<td>5,500/2,500</td>
</tr>
<tr>
<td>44466-10</td>
<td>2” Web</td>
<td>9.4/4.3</td>
<td>5,500/2,500</td>
</tr>
</tbody>
</table>

## CABLE WINCH

For cable applications, Ancra offers these popular models. Your cable selection must be consistent with your cable manufacturer’s safe working load ratings.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight (lbs./kg)</th>
<th>WLL (lbs./kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>41696-10</td>
<td>End Mount RH</td>
<td>15.4/7.0</td>
<td>5,500/2,500</td>
</tr>
<tr>
<td>41696-11</td>
<td>End Mount LH</td>
<td>15.4/7.0</td>
<td>5,500/2,500</td>
</tr>
</tbody>
</table>

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**TRUCKER TIP**

Cargo that is not blocked must have at least 2 tie downs in the first 10 feet and one additional tie down for each additional 10 feet or fraction thereof. For complete information, refer to the FMCSA and or Canadian regulations.
LASHING WINCHES

The lashing winch with double hex drive can be bolted or welded to the trailer like a standard winch, yet offers the quick release and easy operation of a ratchet buckle.

**47640-31**
With double hex drive and three mounting holes.
Weight: 3.8 lbs./1.7 kg.
WLL: 3,333 lbs./1,515 kg.

**48496-11**
With double hex drive, release latch, and single mounting hole.
Weight: 2.2 lbs./1 kg.
WLL: 2,500 lbs./1,135 kg.

WINCH MAINTENANCE

Though winches don’t actually come in contact with the load, their function of tightening and anchoring the webbing or cable is critical to the security of over-the-road cargo hauling.

**INSPECTION**
To insure winches will perform, a quick inspection before each use will assure they are undamaged and working properly. Damaged or non-operational winches should be replaced immediately.

**CARE**
For optimum performance, winches should be cleaned to remove dirt, mud, road salt, and ice. Lubrication ensures that gravity will allow the winch pawl to drop freely into the sprocket teeth, and the sprocket will rotate freely. When not in use, portable winches should be cleaned and stored in a dry location. With a little care, your winches will go a long way.
Turn stake pockets into strap anchor points.
Ancra has created a way you can turn standard stake pockets into solid anchor points for securement straps. Our DOT and FMCSA compliant 3-Bar PortaWinch and PortaAnchor offer a versatile system that allows you to position the tie down straps anywhere along either side, front or back of the trailer, using stake pockets that best accommodate your load.

- Fasten straps securely and legally.
- Working Load Limit (WLL) 5,500 lbs./2,495 kg.
- For use with standard winch straps and tensions with standard winch bar.
- Fits all standard stake pockets. Will not fit tapered stake pockets.
- Installs easily without tools.
- Works over tires and toolboxes.
- Removable when not in use.

Installs easily with patented spring-loaded front hook design that distributes the load evenly across the stake pocket. Cap has four holes and accommodates standard winch bars.

PortaAnchor accepts straps with flat hooks and straps with chain anchors.

Patented No 6,626,621

49716-10
Standard outward off-set.
Weight: 11.5 lbs./5.2 kg. WLL: 5,500 lbs.

49716-11
Inward off-set to allow for track-mounted tarp clearance.
Weight: 11.5 lbs./5.2 kg. WLL: 5,500 lbs.

Patented No 6,939,095 & 7,090,449

49717-10
Standard outward off-set.
Weight: 9.5 lbs./4.3 kg. WLL: 5,500 lbs.

49717-11
Inward off-set to allow for track-mounted tarp clearance.
Weight: 9.5 lbs./4.3 kg. WLL: 5,500 lbs.
## Winch Dimensions (inches)

<table>
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<th>Ancra Part No.</th>
<th>A (Overall Width)</th>
<th>B (Inside Frame Width)</th>
<th>C (Frame Height)</th>
<th>D (Frame Depth)</th>
<th>Ancra Part No.</th>
<th>A (Overall Width)</th>
<th>B (Inside Frame Width)</th>
<th>C (Frame Height)</th>
<th>D (Frame Depth)</th>
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<td>49246-10-BP</td>
<td>7.6</td>
<td>4.6</td>
<td>6.5</td>
<td>3.5</td>
</tr>
<tr>
<td>43573-13</td>
<td>7.6</td>
<td>4.1</td>
<td>6.2</td>
<td>3.5</td>
<td>49706-10</td>
<td>7.9</td>
<td>4.9</td>
<td>6.5</td>
<td>4.0</td>
</tr>
<tr>
<td>43579-20</td>
<td>7.4</td>
<td>4.8</td>
<td>4.1</td>
<td>4.0</td>
<td>49706-11</td>
<td>7.9</td>
<td>4.9</td>
<td>5.1</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Winch dimensions are subject to change.

---

**Note:** Winches are labeled with installation, maintenance and proper use instructions.


**WINCH TRACK**

Ancra winch track comes in two distinct styles:

- Standard C track, designed for use with standard slider winches (43565-127 and 43565-157), is available in roll-formed ¼” plate steel (42357-11), or aluminum (42357-21) for aluminum trailers.

- Double L aluminum track (49242-10-120) is designed for 49207 Double L slider winches.

Custom lengths are available upon request. Winch track should be installed to meet the testing requirements of TTMA RP No. 47-03. For installation instructions, go to our website at http://link.ancra.com/?L=1, or just scan the QR Code.

---

42357-11
Steel C Track
Weight: 39.0 lbs./17.73 kg. Length: 6’

42357-12
Steel C Track
Weight: 78.0 lbs./35.4 kg. Length 12’

42357-21
Aluminum C Track
Weight: 19.0 lbs./8.64 kg. Length: 6’

49242-10-120
Aluminum Double L Track
Weight: 26.25 lbs./11.92 kg. Length: 10’

49789-10-120.00
Low Profile Aluminum Double L Track
Weight: 16.83 lbs./7.64 kg. Length: 10’
SILVERCAP OVERDRIVE® RATCHETING CAP

Convert any winch into a ratcheting winch by adding Ancra’s OverDrive Ratcheting Cap. The lubricated cap with a Grime Guard Weather-Tight Seal fits over the existing winch cap without having to remove the winch from the trailer, making it faster and safer than conventional winches. Your winch bar stays in the winch until your straps are tight. For more information about Ancra’s one-year warranty, please call Customer Service at 800-929-2627.

Ancra’s OverDrive® is the easy upgrade for winches. With a ratcheting winch, you work faster and safer because the winch bar stays in the winch until the strap is tight.

To install on any existing winch:
1. Simply slide the OverDrive unit over the cap of the old winch.
2. Spin it in place.
3. Secure it with the bolt.

It’s that simple. All necessary parts are included.

FLATBED ACCESSORIES

Cable Assemblies with Chain Anchor

Ancra’s heavy-duty cable assemblies with zinc-plated gold chromate chain anchor can be used on cable, combination winches, or web winches with side washers to prevent binding. Constructed of galvanized aircraft cable with grade 70 NACM-compliant chain anchor. The cable assemblies are available in 7/32”, 1/4” and 5/16” diameter cable in 30’ and 32’ lengths. The chain anchors are 19” in length.

- **49828-12-30**
  7/32” x 30’ Weight: 4.9 lbs./2.2 kg. WLL: 1,867 lbs./848 kg.
- **49828-12-32**
  7/32” x 32’ Weight: 5.1 lbs./2.3 kg. WLL: 1,867 lbs./848 kg.
- **49828-10-30**
  1/4” x 30’ Weight: 5.4 lbs./2.45 kg. WLL: 2,300 lbs./1,050 kg.
- **49828-10-32**
  1/4” x 32’ Weight: 5.8 lbs./2.6 kg. WLL: 2,300 lbs./1,050 kg.
- **49828-11-30**
  5/16” x 30’ Weight: 7.9 lbs./3.6 kg. WLL: 3,300 lbs./1,500 kg.
- **49828-11-32**
  5/16” x 32’ Weight: 8.4 lbs./3.8 kg. WLL: 3,300 lbs./1,500 kg.
ERGO 360° Winch Bars

End collar prevents hand slipping off end.

Can be rotated 360° for leverage to tension a strap, accommodating various clearance requirements.

Offset design eliminates need to use bar at extreme upward or downward angles.

Mushroom tip helps keep the bar from slipping from the winch cap.

Knurled handle for good grip.

Tapered and angled at the end for easy operation, Ancra’s winch bar handles are knurled at two sections, and the mushroom tip helps keep the bar from slipping from the winch cap. They are heat-treated for extra strength and cycle tested to simulate years of heavy use. Combination winch bars can be used to release tension on chain binders. Use caution to avoid injury. Not to be used as a cheater bar.

See what a difference a bend in the bar makes. The Ergo 360° Bar takes Ancra’s winch bars to the next level. The patented ergonomic design maintains parallel alignment of handle and tip, so you can rotate the bar for optimum leverage without removing it, and keep it secured in the winch cap through the mushroom tip. Easy to carry, easy to handle, the Ergo 360° Bar is the most efficient and economical new tool you’ll use. Available in standard, combination and combination box end models. Combination winch bars can be used to release tension on chain binders. Use caution to avoid injury. Not to be used as a cheater bar.

Standard Winch Bars

42313-10
Standard Painted. Weight: 5.0 lbs./2.27 kg.

42313-17
Standard Chrome. Weight: 5.0 lbs./2.27 kg.

42313-19
Combination Chrome. Weight: 6.5 lbs./2.95 kg.

42313-12
Combination Box End Painted Silver and Yellow. Weight: 6.5 lbs./2.95 kg.

50015-10
Standard Painted. Weight: 5.0 lbs./2.27 kg.

50015-20
Combination Painted. Weight: 6.5 lbs./2.95 kg.

50015-21
Combination Box End Painted. Weight: 6.0 lbs./2.72 kg.

Learn how this uniquely designed winch bar prevents injuries. Scan this QR Code to watch the video or go to our website at http://link.ancra.com/?L=2
## Flatbed Accessories

### Heavy Duty D-Rings

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Material</th>
<th>Weight (lbs.)</th>
<th>Weight (kg)</th>
<th>WLL (lbs.)</th>
<th>WLL (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>49896-10</td>
<td>1/2-inch forged steel w/ Bolt-on clip</td>
<td>1/2-inch forged steel</td>
<td>1.0</td>
<td>.50</td>
<td>4,000</td>
<td></td>
</tr>
<tr>
<td>49896-11</td>
<td>1/2-inch forged steel w/ Weld-on clip</td>
<td>1/2-inch forged steel</td>
<td>1.9</td>
<td>.86</td>
<td>6,300</td>
<td></td>
</tr>
<tr>
<td>49897-10</td>
<td>5/8-inch forged steel w/ Weld-on clip</td>
<td>5/8-inch forged steel</td>
<td>2.2</td>
<td>1.0</td>
<td>9,000</td>
<td></td>
</tr>
<tr>
<td>49898-10</td>
<td>3/4-inch forged steel w/ Weld-on clip</td>
<td>3/4-inch forged steel</td>
<td>4.4</td>
<td>2.0</td>
<td>15,600</td>
<td></td>
</tr>
<tr>
<td>49899-10</td>
<td>1-inch forged steel w/ Weld-on clip</td>
<td>1-inch forged steel</td>
<td>4.4</td>
<td>2.0</td>
<td>15,600</td>
<td></td>
</tr>
</tbody>
</table>

Rugged forged steel D-Rings add versatility for securing complex loads. Utility trailers typically use 1/2 and 5/8 inch models, while heavy-duty applications rely on the 3/4 and 1-inch sizes. Individually polybagged.

### Hooks & Web Winders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Material</th>
<th>Weight (lbs.)</th>
<th>Weight (kg)</th>
<th>Hook Opening</th>
<th>WLL (lbs.)</th>
<th>WLL (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>44102-11</td>
<td>H-2 Hook. Flame-cut from 5/8-in. material and can be welded on vehicles. Accepts web loops, D-Rings, cable or rope. Meets anchorage requirements when properly secured. Hook opening .81&quot;</td>
<td>5/8-inch material</td>
<td>.61</td>
<td>.28</td>
<td>5,400</td>
<td>2,450</td>
<td></td>
</tr>
<tr>
<td>44122-10</td>
<td>Corner Iron Hook</td>
<td></td>
<td>.63</td>
<td>.29</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>45801-10</td>
<td>Web Winder. Constructed of all steel, the Ancra Web Winder winds 2-in., 3-in. and 4-in. winch straps for compact storage. Easy to attach to vehicle rails, easy to remove with tapered forks, and easy to disassemble for storage. Weight: 3.25 lbs./1.48 kg.</td>
<td>All steel</td>
<td>3.25</td>
<td>1.48</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Product Features

- Rolls all your winch straps neatly and quickly.
- Helps to extend the life of your winch straps.
### Safety Related Products

Meet FMCSA 393.87 standards.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49893-10</td>
<td>Fluorescent Red Heavy-Duty Mesh Flag w/ wooden dowel. 18&quot; x 18&quot;</td>
</tr>
<tr>
<td>49893-11</td>
<td>Red Cotton Flag w/ steel wire rod. 18&quot; x 18&quot;</td>
</tr>
<tr>
<td>49893-12</td>
<td>Fluorescent Red Mesh Flag w/ 2 brass grommets. 18&quot; x 18&quot;</td>
</tr>
<tr>
<td>49893-13</td>
<td>Fluorescent Orange Mesh Flag w/ wooden dowel. 18&quot; x 18&quot;</td>
</tr>
<tr>
<td>49893-14</td>
<td>Fluorescent Orange Mesh Flag w/ 2 brass grommets. 18&quot; x 18&quot;</td>
</tr>
<tr>
<td>49894-10</td>
<td>Double-sided banner reads WIDE LOAD and OVERSIZED LOAD. Made of durable vinyl fabric and comes with four grommets and four 44&quot; attachment ropes. 84&quot; x 18&quot; Tri-lingual package.</td>
</tr>
<tr>
<td>49894-11</td>
<td>Double-sided banner reads WIDE LOAD and OVERSIZED LOAD. Made of durable vinyl fabric and comes with sewn-in ropes top and bottom, plus four grommets. 84&quot; x 18&quot; Tri-lingual package.</td>
</tr>
<tr>
<td>49894-12</td>
<td>Double-sided banner reads WIDE LOAD and OVERSIZED LOAD. Made of durable vinyl fabric and comes with four grommets and four 44&quot; attachment ropes. 72&quot; x 14&quot; Tri-lingual package.</td>
</tr>
<tr>
<td>49894-13</td>
<td>Mesh OVERSIZED LOAD banner. Made of woven polyester mesh with 4 grommets and four 44&quot; attachment ropes. 84&quot; x 18&quot; Tri-lingual package.</td>
</tr>
<tr>
<td>49894-14</td>
<td>Mesh WIDE LOAD banner. Made of woven polyester mesh with 4 grommets and four 44&quot; attachment ropes. 84&quot; x 18&quot; Tri-lingual package.</td>
</tr>
<tr>
<td>49895-10</td>
<td>Canadian D sign is made of durable vinyl fabric. Comes with 10 grommet attachment points. 96&quot; x 12&quot;</td>
</tr>
</tbody>
</table>
FLATBED ACCESSORIES

GlideLock® Sliding Load-Securement Bracket

Lock and load with GlideLock® movable securement bracket

GlideLock Sliding Load-Securement Bracket offers versatility and positioning of tie down anchor point.

1. GlideLock positions exactly where it's needed, no matter what type of load or the location of cargo on the vehicle.

2. Once the flat hook is engaged, the unit locks the hook in position. It cannot shift or come undone, it remains secure until you unlock it.

With a Working Load Limit of 5,400 lbs., GlideLock glides into any position along the trailer rail or winch track to ensure the correct pull-angle for securing cargo. The compact unit keeps the strap inboard of the rub rail and works with any standard flat-hook strap.

How GlideLock Works

1. Slide the unit onto the Double L Track.
2. Glide to correct position to ensure a correct pull-angle.
3. Release the keeper to allow the flat hook to engage GlideLock.
4. Secure the keeper to lock the flat hook into position. Once in place, the hook can’t shift or come undone. Ideal for trailers with double L winch track and slider winches. Meets Federal Motor Safety Administration (FMCSA) standards.

Watch the GlideLock video. Scan this QR Code to view a movie or go to our website at http://link.ancra.com/?L=3

Coil Racks

Our coil racks are designed to aid in supporting steel coils on flatbed trailers. Available for both light and heavy duty applications. Used with lumber blocks which provide extra cradling of the coils. Both have a black lacquer finish. New D.O.T. standards specifically address securement of metal coils. If chocks are used, they must be held in place by coil bunks or racks to prevent them from coming loose.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>WLL (lbs.)</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>49344-10</td>
<td>Light Duty</td>
<td>5,400</td>
<td>5.7</td>
</tr>
<tr>
<td>49344-12</td>
<td>Heavy-Duty 1/4” steel sheet per ASTM A36</td>
<td>15.63</td>
<td>7.09</td>
</tr>
</tbody>
</table>

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ANCRA INTERNATIONAL • DESIGNER AND MANUFACTURER OF CARGO RESTRAINT SYSTEMS
## FLATBED ACCESSORIES

**Corner Protectors**

Along with our standard rugged flatbed products, Ancra web accessories offer high performance and durability. Sturdy corner and web protectors prevent abrasion of cargo and cargo-securing straps.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>43986-10</td>
<td>High Density Polymer</td>
<td>4&quot;</td>
<td>5.25&quot;</td>
<td>.06 lb./.03 kg.</td>
</tr>
<tr>
<td>49377-10</td>
<td>Steel (Zinc Plated)</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>1.10 lbs./.50 kg.</td>
</tr>
<tr>
<td>49377-11</td>
<td>Rubber coated Steel</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>1.9 lbs./.86 kg.</td>
</tr>
<tr>
<td>49577-10</td>
<td>Steel (Galvanized)</td>
<td>4&quot;</td>
<td>3.5&quot;</td>
<td>.90 lb./.41 kg.</td>
</tr>
<tr>
<td>49377-11</td>
<td>Rubber coated Steel</td>
<td>4&quot;</td>
<td>3.5&quot;</td>
<td>1.9 lbs./.86 kg.</td>
</tr>
<tr>
<td>49584-10</td>
<td>12&quot; Long Plastic</td>
<td>4&quot;</td>
<td>3&quot;</td>
<td>47 lb./.21 kg.</td>
</tr>
<tr>
<td>40985-05-12</td>
<td>Cordura® Nylon sleeve</td>
<td>3-5/8&quot;</td>
<td>12&quot;</td>
<td>.13 lb./.06 kg.</td>
</tr>
<tr>
<td>40985-05-RL</td>
<td>Cordura® Nylon sleeve</td>
<td>2&quot;</td>
<td>100-yd.</td>
<td>.39 lb/yd./.18 kg/meter</td>
</tr>
</tbody>
</table>

**TRUCKER TIP**

**BE SURE YOU’RE SECURED**

If any part of the load securement system is loose — even if the required number of straps are used per regulation but are not tensioned properly — the load is considered unsecured. It is your responsibility to ensure the cargo is secure.
Ancra’s new high-density polyethylene X-TREME GUARD™ Corner Protector distributes strap tension over the length of the guard to prevent your cargo from being crushed by the straps and protects your webbing from abrasion. Made in lengths of 12-, 24-, 36- and 48-inches, this durable guard is strong yet lightweight, and crack/weather resistant to -30°.

50089-12  8” x 1’ long — Weight: .8 lbs./.36 kg.
50089-24  8” x 2’ long — Weight: 1.7 lbs./.78 kg.
50089-36  8” x 3’ long — Weight: 2.7 lbs./1.23 kg.
50089-48  8” x 4’ long — Weight: 3.6 lbs./1.63 kg.

Rubber Rope & Hooks

- Standard 150-ft. coils
- Easily assembled to desired length for application.

**49454-11**
3/8” Solid Core Rubber Rope
Weight: 10.7 lbs./4.86 kg.

**49454-13**
7/16” Solid Core Rubber Rope
Weight: 7.4 lbs./3.35 kg.

**49211-10**
Rubber Rope Hook
100 per pack
Weight: 5.2 lbs./2.37 kg.

HOW TO ATTACH HOOK TO RUBBER ROPE
In the heavy duty trucking industry, Goldline® and Silverline® Tarp Ties have been a favorite with fleets and independent owners for 40 years. Made in the USA and known for quality, durability, and resistance to weather, these tarp ties offer good stretch recovery and maintain their strength over the entire life of the tarp ties. The three lines include the longest lasting, larger cross section Goldline EPDM tarp ties best recognized by truckers, and the smaller cross section Silverline Elite™ EPDM, and Silverline natural rubber tarp ties. They all offer exceptional strength and costs that compete with import tarp ties. All hooks are made in the USA from wire coils.

- Quantity 50 per box
- Designed to hold tarp covers on trucks and trailers
- Not to be used to restrain or secure cargo
- Molded EPDM construction for high Ozone resistance and strength resiliency or molded natural rubber for good cold weather stretch properties
- Wear safety glasses and use caution when using tarp ties
- WARNING: SUDDEN RUPTURE OR DISCONNECT WHILE IN STRETCHED POSITION CAN CAUSE SERIOUS INJURY

**Goldline®**
- 52210GL Goldline HD EPDM made in the USA–10’
- 52215GL Goldline HD EPDM made in the USA–15’
- 52221GL Goldline HD EPDM made in the USA–21’
- 52231GL Goldline HD EPDM made in the USA–31’
- 52241GL Goldline HD EPDM made in the USA–41’

**Silverline®**
- 52210SE Silverline Elite EPDM made in the USA–10’
- 52215SE Silverline Elite EPDM made in the USA–15’
- 52221SE Silverline Elite EPDM made in the USA–21’
- 52231SE Silverline Elite EPDM made in the USA–31’
- 52241SE Silverline Elite EPDM made in the USA–41’

**Silverline Natural Rubber**
- 52210 Silverline Natural Rubber made in the USA–10’
- 52215 Silverline Natural Rubber made in the USA–15’
- 52221 Silverline Natural Rubber made in the USA–21’
- 52231 Silverline Natural Rubber made in the USA–31’
- 52241 Silverline Natural Rubber made in the USA–41’
**GRADE 70 TRANSPORT CHAIN**

Grade 70 chain was designed specifically to provide a light, yet strong chain for tie downs. Made from carbon steel and zinc plated gold chromate for corrosion resistance. Heat treated and 100% proof tested to 2X WLL rating. Made to NACM standards per specifications of the Department of Transportation & CCMTA for tie down use. All clevis hooks are made of heat treated alloy steel.

**Grade 70 Chain Assemblies with Clevis Hooks**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Working Load Limit (WLL)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>45881-10-16</td>
<td>5/16-in x 16-ft.</td>
<td>4,700 lbs./2,133 kg.</td>
<td>17.4 lbs./7.89 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Assemblies per Orange Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-10-20</td>
<td>5/16-in x 20-ft.</td>
<td>4,700 lbs./2,133 kg.</td>
<td>21.7 lbs./9.90 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Assemblies per Orange Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-10-25</td>
<td>5/16-in x 25-ft.</td>
<td>4,700 lbs./2,133 kg.</td>
<td>26.7 lbs./12.10 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Assemblies per Orange Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-11-16</td>
<td>3/8-in x 16-ft.</td>
<td>6,600 lbs./2,996 kg.</td>
<td>24.4 lbs./11.08 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Assemblies per Green Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-11-20</td>
<td>3/8-in x 20-ft.</td>
<td>6,600 lbs./2,996 kg.</td>
<td>30.4 lbs./13.80 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Assemblies per Green Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-11-25</td>
<td>3/8-in x 25-ft.</td>
<td>6,600 lbs./2,996 kg.</td>
<td>39.0 lbs./17.71 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Assemblies per Green Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-13-20</td>
<td>1/2-in x 20-ft.</td>
<td>11,300 lbs./5,130 kg.</td>
<td>53.6 lbs./24.33 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 Assemblies per Red Barrel</td>
<td></td>
</tr>
<tr>
<td>45881-13-25</td>
<td>1/2-in x 25-ft.</td>
<td>11,300 lbs./5,130 kg.</td>
<td>66.2 lbs./30.05 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 Assemblies per Red Barrel</td>
<td></td>
</tr>
</tbody>
</table>

**Grade 70 Bulk Chain**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Working Load Limit (WLL)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>45880-12</td>
<td>1/4-in x 400-ft.</td>
<td>3,150 lbs./1,430 kg.</td>
<td>262 lbs./118.9 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Brown Barrel</td>
<td></td>
</tr>
<tr>
<td>45880-10</td>
<td>5/16-in x 400-ft.</td>
<td>4,700 lbs./2,133 kg.</td>
<td>408 lbs./185 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Orange Barrel</td>
<td></td>
</tr>
<tr>
<td>45880-11</td>
<td>3/8-in x 200-ft.</td>
<td>6,600 lbs./2,996 kg.</td>
<td>296 lbs./134.4 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Green Barrel</td>
<td></td>
</tr>
<tr>
<td>45880-13</td>
<td>1/2-in x 100-ft.</td>
<td>11,300 lbs./5,130 kg.</td>
<td>251 lbs./114 kg.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Red Barrel</td>
<td></td>
</tr>
</tbody>
</table>
### Grade 70 Transport Chain

Packaged Grade 70 transport chain assemblies are offered in a convenient storage pail to keep organized in your tool box or vehicle. Grade 70 chain is specifically designed to provide a light, yet strong chain for tie downs. Made from carbon steel, heat treated for strength and zinc plated gold chromate for corrosion resistance. Made to NACM standards to meet the specifications of the DOT & CCMTA for tie down use. All clevis hooks are made of heat-treated alloy steel.

<table>
<thead>
<tr>
<th>Code</th>
<th>Diameter</th>
<th>Length</th>
<th>WLL</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>45881-10-16-SP</td>
<td>5/16-in</td>
<td>16-ft</td>
<td>4,700 lbs</td>
<td>18.8 lbs</td>
</tr>
<tr>
<td>45881-10-20-SP</td>
<td>5/16-in</td>
<td>20-ft</td>
<td>4,700 lbs</td>
<td>23.4 lbs</td>
</tr>
<tr>
<td>45881-10-25-SP</td>
<td>5/16-in</td>
<td>25-ft</td>
<td>4,700 lbs</td>
<td>28.3 lbs</td>
</tr>
<tr>
<td>45881-11-16-SP</td>
<td>3/8-in</td>
<td>16-ft</td>
<td>6,600 lbs</td>
<td>25.8 lbs</td>
</tr>
<tr>
<td>45881-11-20-SP</td>
<td>3/8-in</td>
<td>20-ft</td>
<td>6,600 lbs</td>
<td>31.9 lbs</td>
</tr>
<tr>
<td>45881-11-25-SP</td>
<td>3/8-in</td>
<td>25-ft</td>
<td>6,600 lbs</td>
<td>40.5 lbs</td>
</tr>
</tbody>
</table>

### Grade 70 Agricultural Safety Chain

For use as a safety chain to prevent the separation of the towed vehicle and the towing vehicle in the event the primary attachment becomes disengaged. The safety chain allows for the two vehicles to come to a controlled stop. Conforms to the specifications of the ASABE as a Safety Chain for towed field equipment for agriculture. Has a zinc plated gold chromate finish and complies with NACM Standards for grade 70 transport chain.

<table>
<thead>
<tr>
<th>Code</th>
<th>Diameter</th>
<th>Length</th>
<th>WLL</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50090-31</td>
<td>5/16-in</td>
<td>67.5-in</td>
<td>4,700 lbs</td>
<td>18.8 lbs</td>
</tr>
<tr>
<td>50090-38</td>
<td>3/8-in</td>
<td>69-in</td>
<td>6,600 lbs</td>
<td>25.8 lbs</td>
</tr>
<tr>
<td>50090-50</td>
<td>1/2-in</td>
<td>70-in</td>
<td>11,300 lbs</td>
<td>18.6 lbs</td>
</tr>
</tbody>
</table>
Forged from high strength alloy steel, Ancra clevis hooks are made for Grade 70 chain. Sized from 1/4” to 1/2”, the chain hooks are strength tested and heat treated for strength and durability. Meets Department of Transportation requirements.

Forged steel hook, zinc plated gold chromate finish. Individually polybagged.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Working Load Limit</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>45946-12</td>
<td>1/4-in. Clevis Hook</td>
<td>3,150 lbs./1,430 kg.</td>
<td>.40 lbs./.18 kg.</td>
</tr>
<tr>
<td>45946-10</td>
<td>5/16-in. Clevis Hook</td>
<td>4,700 lbs./2,133 kg.</td>
<td>.85 lbs./.39 kg.</td>
</tr>
<tr>
<td>45946-11</td>
<td>3/8-in. Clevis Hook</td>
<td>6,600 lbs./2,996 kg.</td>
<td>1.10 lbs./.5 kg.</td>
</tr>
<tr>
<td>45946-13</td>
<td>1/2-in. Clevis Hook</td>
<td>11,300 lbs./5,130 kg.</td>
<td>2.10 lbs./1.04 kg.</td>
</tr>
</tbody>
</table>

Grade 70 Clevis Hooks with Keeper

Forged steel hook with Keeper, zinc plated gold chromate finish. Individually polybagged, 30 per box.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Working Load Limit</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50091-31</td>
<td>5/16-in. Clevis Hook w/ Keeper</td>
<td>4,700 lbs./2,133 kg.</td>
<td>.9 lbs./.41 kg.</td>
</tr>
<tr>
<td>50091-38</td>
<td>3/8-in. Clevis Hook w/ Keeper</td>
<td>6,600 lbs./2,996 kg.</td>
<td>1.3 lbs./.59 kg.</td>
</tr>
<tr>
<td>50091-50</td>
<td>1/2-in. Clevis Hook w/ Keeper</td>
<td>11,300 lbs./5,130 kg.</td>
<td>2.2 lbs./1.00 kg.</td>
</tr>
</tbody>
</table>

**WARNING:** Never exceed the Working Load Limit. Not to be used for overhead lifting.
**CHAIN HARDWARE**

We offer a wide selection of chain hardware for popular applications — from zinc plated clear chromate anchor shackles in screw pins and clevis pin models to Quick Links in various sizes. Corrosion resistant, zinc plated gold chromate Grade 70 Twin Clevis and Slip Hooks come in a wide range of sizes, with and without safety latches.

### Screw Pin Anchor Shackle
— Galvanized and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50013-31</td>
<td>5/16-in.</td>
<td>.18 lbs./.08 kg.</td>
<td>1,500 lbs./681 kg.</td>
</tr>
<tr>
<td>50013-38</td>
<td>3/8-in.</td>
<td>.30 lbs./.14 kg.</td>
<td>2,000 lbs./900 kg.</td>
</tr>
<tr>
<td>50013-44</td>
<td>7/16-in.</td>
<td>.49 lbs./.22 kg.</td>
<td>3,000 lbs./1,362 kg.</td>
</tr>
<tr>
<td>50013-50</td>
<td>1/2-in.</td>
<td>.74 lbs./.34 kg.</td>
<td>4,000 lbs./1,816 kg.</td>
</tr>
<tr>
<td>50013-63</td>
<td>5/8-in.</td>
<td>1.44 lbs./.65 kg.</td>
<td>6,500 lbs./2,951 kg.</td>
</tr>
<tr>
<td>50013-75</td>
<td>3/4-in.</td>
<td>2.16 lbs./.98 kg.</td>
<td>9,500 lbs./4,313 kg.</td>
</tr>
</tbody>
</table>

### Clevis Pin Anchor Shackle
— Galvanized and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50014-50</td>
<td>1/2-in.</td>
<td>.74 lbs./.34 kg.</td>
<td>4,000 lbs./1,816 kg.</td>
</tr>
<tr>
<td>50014-63</td>
<td>5/8-in.</td>
<td>1.44 lbs./.65 kg.</td>
<td>6,500 lbs./2,951 kg.</td>
</tr>
</tbody>
</table>

### Quick Links
— Zinc plated clear chromate and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50016-25</td>
<td>1/4-in.</td>
<td>.062 lbs./.028 kg.</td>
<td>880 lbs./399 kg.</td>
</tr>
<tr>
<td>50016-31</td>
<td>5/16-in.</td>
<td>.154 lbs./.07 kg.</td>
<td>1,760 lbs./799 kg.</td>
</tr>
<tr>
<td>50016-38</td>
<td>3/8-in.</td>
<td>.198 lbs./.09 kg.</td>
<td>2,200 lbs./998 kg.</td>
</tr>
</tbody>
</table>

### Diagrams
- Screw Pin Anchor Shackle
- Clevis Pin Anchor Shackle
- Quick Links
## Chain Hardware

### Twin Clevis G70

Forged steel with zinc plated gold chromate and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50017-10</td>
<td>1/4-in. – 5/16-in.</td>
<td>.30 lbs./.14 kg.</td>
<td>4,700 lbs./2,133 kg.</td>
</tr>
<tr>
<td>50017-11</td>
<td>3/8-in.</td>
<td>.40 lbs./.18 kg.</td>
<td>6,600 lbs./2,996 kg.</td>
</tr>
<tr>
<td>50017-12</td>
<td>7/16-in. – 1/2-in.</td>
<td>.98 lbs./.44 kg.</td>
<td>11,300 lbs./5,130 kg.</td>
</tr>
</tbody>
</table>

### Slip Hooks G70 without Safety Latch

Forged steel with zinc plated gold chromate and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50019-10</td>
<td>1/4-in.</td>
<td>.44 lbs./.20 kg.</td>
<td>3,150 lbs./1,430 kg.</td>
</tr>
<tr>
<td>50019-11</td>
<td>5/16-in.</td>
<td>.75 lbs./.34 kg.</td>
<td>4,700 lbs./2,133 kg.</td>
</tr>
<tr>
<td>50019-12</td>
<td>3/8-in.</td>
<td>1.13 lbs./.51 kg.</td>
<td>6,600 lbs./2,996 kg.</td>
</tr>
<tr>
<td>50019-13</td>
<td>1/2-in.</td>
<td>2.75 lbs./1.25 kg.</td>
<td>11,300 lbs./5,130 kg.</td>
</tr>
</tbody>
</table>

### Slip Hooks G70 with Safety Latch

Forged steel with zinc plated gold chromate and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50019-20</td>
<td>1/4-in.</td>
<td>.59 lbs./.27 kg.</td>
<td>3,150 lbs./1,430 kg.</td>
</tr>
<tr>
<td>50019-21</td>
<td>5/16-in.</td>
<td>.92 lbs./.42 kg.</td>
<td>4,700 lbs./2,133 kg.</td>
</tr>
<tr>
<td>50019-22</td>
<td>3/8-in.</td>
<td>1.32 lbs./.60 kg.</td>
<td>6,600 lbs./2,996 kg.</td>
</tr>
<tr>
<td>50019-23</td>
<td>1/2-in.</td>
<td>2.90 lbs./1.32 kg.</td>
<td>11,300 lbs./5,130 kg.</td>
</tr>
</tbody>
</table>
**EZ BINDER**

- Quick acting ratchet design is easy to tension and release
- Extra long handle provides mechanical advantage needed for secure tensioning
- Durable contoured handle grip for comfortable operation
- Heavy gauge steel construction with corrosion resistant electro zinc plating
- Dual solid gears distribute tensioning forces evenly
- Free wheel function for quick take up
- Quality grade 100 load chain is used in binder
- Use with 5/16" grade 70 or 3/8" grade 43 binder chains
- Swiveling grab hooks for ease of use
- Will take up 12" of chain during tensioning

See how easy it is to use chain to secure heavy loads. Scan this QR Code for a demonstration video or go to our website at [http://link.ancra.com/?L=5](http://link.ancra.com/?L=5)

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>WLL (lbs.)</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50140-10</td>
<td>EZ Binder</td>
<td>5,400</td>
<td>11.5</td>
</tr>
</tbody>
</table>

**CHAIN LOAD BINDERS**

All traditional chain load binders are constructed of drop forged steel for strength and durability and are Grade 70 for use with transport chain. They are available in traditional Lever, Recoilless and Ratcheting models, and are finished in a red E-coat paint. They meet or exceed WSTDA T-6 standards.

### Lever Chain Load Binders

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>WLL (lbs.)</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45943-12</td>
<td>1/4-in. Lever Load Binder. Accepts chain from 1/4-in. G70 up to 5/16-in. G43.</td>
<td>2,600</td>
<td>3.5</td>
</tr>
<tr>
<td>45943-10HD</td>
<td>5/16-in, Heavy-Duty Lever Load Binder. Accepts chain from 5/16-in G70 up to 3/8 G70.</td>
<td>6,600</td>
<td>9.4</td>
</tr>
<tr>
<td>45943-13</td>
<td>1/2-in Lever Load Binder. Accepts chain from 1/2-in. G70 up to 5/8-in. G43.</td>
<td>13,000</td>
<td>20.8</td>
</tr>
</tbody>
</table>

### Recoilless Lever Chain Load Binders

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>WLL (lbs.)</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
</table>
**CHAIN LOAD BINDERS**

**Ratcheting Chain Load Binders**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Working Load Limit (WLL)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>45943-20</td>
<td>5/16-in Ratchet Load Binder accepts chain from 5/16-in. G70 up to 3/8-in. G43.</td>
<td>5,400 lbs./2,450 kg.</td>
<td>10.4 lbs./4.72 kg.</td>
</tr>
<tr>
<td>45943-20HD</td>
<td>5/16-in, Heavy-Duty Ratchet Load Binder. Accepts chain from 5/16-in G70 up to 3/8-in G70.</td>
<td>6,600 lbs./2,996 kg.</td>
<td>10.5 lbs./4.8 kg.</td>
</tr>
<tr>
<td>45943-21</td>
<td>3/8-in Ratchet Load Binder accepts chain from 3/8-in. G70 up to 1/2-in. G43.</td>
<td>9,200 lbs./4,176 kg.</td>
<td>11.8 lbs./5.36 kg.</td>
</tr>
<tr>
<td>45943-23</td>
<td>1/2-in Ratchet Load Binder accepts chain from 1/2-in. G70 up to 5/8-in. G43.</td>
<td>13,000 lbs./5,902 kg.</td>
<td>15.7 lbs./7.13 kg.</td>
</tr>
</tbody>
</table>

**WARNING:**
Follow all instructions. Failure to do so may result in serious personal injury, property damage and or loss of life. Observe the working load limits as noted above and on tags for determining the number of tie downs and hardware required under federal D.O.T. FMCSA 40 CFR Parts 392-393 vehicle inspection criteria. Extreme caution should be used in tensioning load binders to ensure chain links are seated securely in the hook before releasing the tension on the load binder.

**LEVER BINDER LOCKING CLIP**

Specifically designed locking clip to secure the handle on lever load binders and recoilless lever load binders to avoid the possible rotation of the handle and release of chain tension. Powder coated in a yellow finish for corrosion protection and visibility. When the locking clip is properly installed it helps prevent the lever handle from opening.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50117-10</td>
<td>W/CLIP: Ratchet Load Binder. Accepts chain from 5/16-in. G70 up to 1/2-in. G43.</td>
<td>.40 lbs./0.18 kg.</td>
</tr>
</tbody>
</table>

**FLOOR CHAIN TIE DOWNS**

Floor chain tie down anchors are available in either weld-on or bolt-on models to meet your specific needs. Each with a working load limit of 6,000 lbs./2,724 kg. Each are made with 3/8-in grade 70 transport chain for strength and durability.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weld-on Black E-coat. Weight: 5.6 lbs./2.54 kg.</th>
<th>Bolt-on Plated. Weight: 5.25 lbs./2.38 kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>49345-10</td>
<td>3/8 CHAIN Gr. 70 (NACM)</td>
<td>ø2.00</td>
<td>ø2.25</td>
</tr>
<tr>
<td>49583-10</td>
<td>3/8 CHAIN Gr. 70 (NACM)</td>
<td>ø2.00</td>
<td>ø2.25</td>
</tr>
</tbody>
</table>
ANCRA X-TREME: WEBBING PERFORMANCE LEADER

As the name implies, Ancra’s X-TREME webbing offers our greatest performance, durability, strength and abrasion resistance. Because of its special weave construction and coating process, X-TREME realizes an impressive 80% retained strength after abrasion testing, as opposed to 40% for standard webbing. X-TREME's coating is durable and permanent, and reduces water absorption and freezing. Ancra X-TREME is available in popular winch and ratchet strap models that meet or exceed WSTDA T-1 standards. Custom lengths and end hardware quoted upon request.

ANCRA X-TREME WINCH STRAP ASSEMBLIES

<table>
<thead>
<tr>
<th>2&quot; WINCH STRAPS — WLL: 3,333 lbs./1,515 kg. using 41632-37 X-TREME Webbing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>41659-90-27</strong></td>
</tr>
<tr>
<td>2-in. x 27-ft. ANCRA X-TREME Strap w/ 40891-18 Flat Hook</td>
</tr>
<tr>
<td><strong>41659-90-30</strong></td>
</tr>
<tr>
<td>2-in x 30-ft. ANCRA X-TREME Strap w/ 40891-18 Flat Hook</td>
</tr>
<tr>
<td><strong>41659-92-30</strong></td>
</tr>
<tr>
<td>2-in x 30-ft. ANCRA X-TREME Strap w/ 43120-13 Wire Hook</td>
</tr>
<tr>
<td><strong>41659-93-30</strong></td>
</tr>
<tr>
<td>2-in x 30-ft. ANCRA X-TREME Strap w/ 43366-21 Chain Anchor</td>
</tr>
<tr>
<td><strong>41659-94-30</strong></td>
</tr>
<tr>
<td>2-in x 30-ft. ANCRA X-TREME Strap w/o hardware. For winch to winch applications. Custom lengths available.</td>
</tr>
</tbody>
</table>

**TRUCKER TIP**

PUTTING A HALF TWIST IN A TIE DOWN WILL REDUCE VIBRATION AND EXTEND THE LIFE OF THE WEBBING.
ANCRA X-TREME WINCH STRAP ASSEMBLIES

3" WINCH STRAPS — WLL: 5,400 lbs./2,450 kg. using 41632-38 X-TREME Webbing

41660-90-30
3-in. x 30-ft. ANCRA X-TREME Strap w/ 41766-18 Flat Hook

41660-93-30
3-in. x 30-ft. ANCRA X-TREME Strap w/ 43366-14 Chain Anchor

41660-95-30
3-in. x 30-ft. ANCRA X-TREME Strap w/o hardware. For winch to winch applications. Custom lengths available.

ANATOMY OF A WINCH STRAP

Overall Length
The overall distance from the tip of the attachment hardware (flat hook pictured) to the end of the webbing. Standard lengths are 27’ and 30’, with the most popular being 30’.

Hardware End

Webbing
Determined by the width of the webbing used, 2", 3" or 4"

Label
Sewn near the hook end is our new extremely durable, yellow reinforced label with proper warnings, usage and working load limits in pounds and kilos.
# ANCRA X-TREME WINCH STRAP ASSEMBLIES

**4” WINCH STRAPS** — WLL: 5,400 lbs./2,450 kg. using 43797-37 X-TREME Webbing

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-90-27</td>
<td>4-in. x 27-ft. ANCRA X-TREME Strap w/ 41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-90-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Strap w/ 41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-90-40</td>
<td>4-in. x 40-ft. ANCRA X-TREME Strap w/ 41766-18 Flat Hook</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-91-27</td>
<td>4-in. x 27-ft. ANCRA X-TREME Strap w/ 41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-91-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Strap w/ 41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-91-40</td>
<td>4-in. x 40-ft. ANCRA X-TREME Strap w/ 41631-12 Delta Ring</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-93-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Strap w/ Half Twisted Loop</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-95-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Strap w/ 43366-14 Chain Anchor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-92-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Strap w/o hardware. For winch to winch applications. Custom lengths available.</td>
</tr>
</tbody>
</table>
MILE AFTER MILE, YOUR DEPENDABLE CLASSIC.

Ancra Winch Strap Assemblies combine heavy-duty, wear and weather resistant latex treated polyester webbing with strong, dependable hardware to meet the demanding conditions of flatbed operations. Ancra straps meet DOT specifications and are tested for strength and durability. Meets or exceeds WSTDA T-1 Recommended Standard Specifications for synthetic web tie downs.

### WINCH STRAP ASSEMBLIES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Working Load Limit (WLL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>41659-10-27</td>
<td>2-in. x 27-ft. Winch Strap w/ 40891-18 Flat Hook</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-10-30</td>
<td>2-in. x 30-ft. Winch Strap w/ 40891-18 Flat Hook</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-11-27</td>
<td>2-in. x 27-ft. Winch Strap w/ 40978-11 Delta Ring</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-11-30</td>
<td>2-in. x 30-ft. Winch Strap w/ 40978-11 Delta Ring</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-13-27</td>
<td>2-in. x 27-ft. Winch Strap w/ 43120-13 Wire Hook</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-13-30</td>
<td>2-in. x 30-ft. Winch Strap w/ 43120-13 Wire Hook</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-15-27</td>
<td>2-in. x 27-ft. Winch Strap w/ 43366-21 Chain Anchor</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-15-30</td>
<td>2-in. x 30-ft. Winch Strap w/ 43366-21 Chain Anchor</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
<tr>
<td>41659-16-30</td>
<td>2-in. x 30-ft. Winch Strap w/o hardware for winch to winch application.</td>
<td>3,333 lbs./1,515 kg.</td>
</tr>
</tbody>
</table>

FLATBED SOLUTIONS
# WINCH STRAP ASSEMBLIES

## 3" WINCH STRAPS — WLL: 5,400 lbs./2,450 kg. using 41632-14 Webbing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>41660-10-27</td>
<td>3-in. x 27-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>41660-10-30</td>
<td>3-in. x 30-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>41660-14-27</td>
<td>3-in. x 27-ft. Winch Strap w/</td>
<td>43366-14 Chain Anchor</td>
</tr>
<tr>
<td>41660-14-30</td>
<td>3-in. x 30-ft. Winch Strap w/</td>
<td>43366-14 Chain Anchor</td>
</tr>
</tbody>
</table>

## 4" WINCH STRAPS — WLL: 5,400 lbs./2,450 kg. using 43797-12 Webbing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>41660-18-27</td>
<td>3-in. x 27-ft. Winch Strap w/</td>
<td>43120-20 Wire Hook</td>
</tr>
<tr>
<td>41660-18-30</td>
<td>3-in. x 30-ft. Winch Strap w/</td>
<td>43120-20 Wire Hook</td>
</tr>
<tr>
<td>41660-17-30</td>
<td>3-in. x 30-ft. strap w/o hardware for winch to winch application.</td>
<td>Custom lengths available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-10-27</td>
<td>4-in. x 27-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-10-30</td>
<td>4-in. x 30-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-10-35</td>
<td>4-in. x 35-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-10-40</td>
<td>4-in. x 40-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-10-50</td>
<td>4-in. x 50-ft. Winch Strap w/</td>
<td>41766-18 Flat Hook</td>
</tr>
<tr>
<td>43795-11-27</td>
<td>4-in. x 27-ft. Winch Strap w/</td>
<td>41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-11-30</td>
<td>4-in. x 30-ft. Winch Strap w/</td>
<td>41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-11-35</td>
<td>4-in. x 35-ft. Winch Strap w/</td>
<td>41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-11-40</td>
<td>4-in. x 40-ft. Winch Strap w/</td>
<td>41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-11-50</td>
<td>4-in. x 50-ft. Winch Strap w/</td>
<td>41631-12 Delta Ring</td>
</tr>
<tr>
<td>43795-13-30</td>
<td>4-in. x 30-ft. Winch Strap w/</td>
<td>Half Twisted Loop</td>
</tr>
<tr>
<td>43795-13-45</td>
<td>4-in. x 45-ft. Winch Strap w/</td>
<td>Half Twisted Loop</td>
</tr>
<tr>
<td>43795-13-50</td>
<td>4-in. x 50-ft. Winch Strap w/</td>
<td>Half Twisted Loop</td>
</tr>
<tr>
<td>43795-13-65</td>
<td>4-in. x 65-ft. Winch Strap w/</td>
<td>Half Twisted Loop</td>
</tr>
<tr>
<td>43795-13-75</td>
<td>4-in. x 75-ft. Winch Strap w/</td>
<td>Half Twisted Loop</td>
</tr>
<tr>
<td>43795-14-27</td>
<td>4-in. x 27-ft. Winch Strap w/</td>
<td>43365-12 Grab Hook</td>
</tr>
<tr>
<td>43795-14-30</td>
<td>4-in. x 30-ft. Winch Strap w/</td>
<td>43365-12 Grab Hook</td>
</tr>
</tbody>
</table>

**FLATBED SOLUTIONS**

ANCRA INTERNATIONAL • DESIGNER AND MANUFACTURER OF CARGO RESTRAINT SYSTEMS
## WINCH STRAP ASSEMBLIES

### 4" WINCH STRAPS — WLL: 5,400 lbs./2,450 kg. using 43797-12 Webbing

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>43795-15-27</td>
<td>4-in. x 27-ft. Winch Strap w/ 43366-14 Chain Anchor</td>
<td>Custom lengths available.</td>
</tr>
<tr>
<td>43795-15-30</td>
<td>4-in. x 30-ft. Winch Strap w/ 43366-14 Chain Anchor</td>
<td></td>
</tr>
<tr>
<td>43795-19-30</td>
<td>4-in. x 30-ft. Winch Strap w/o hardware for winch to winch application. Custom lengths available.</td>
<td></td>
</tr>
</tbody>
</table>

### ROLL-ON/ROLL-OFF CONTAINER STRAPS

#### STANDARD

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>49526-10</td>
<td>4-in. x 5-ft. Strap w/ 48968-11 Container Hook. WLL: 5,400 lbs./2,450 kg.</td>
<td></td>
</tr>
<tr>
<td>49526-11</td>
<td>4-in. x 5-ft. Strap w/ 48968-11 Container Hook and Sewn Loop end. WLL: 5,400 lbs./2,450 kg.</td>
<td></td>
</tr>
</tbody>
</table>

#### ANCRA X-TREME

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>49526-90</td>
<td>4-in. x 5-ft. Ancra X-TREME Strap w/ 48968-11 Container Hook. WLL: 5,400 lbs./2,450 kg.</td>
<td></td>
</tr>
<tr>
<td>49526-91</td>
<td>4-in. x 5-ft. Ancra X-TREME Strap w/ 48968-11 Container Hook and Sewn Loop end. WLL: 5,400 lbs./2,450 kg.</td>
<td></td>
</tr>
</tbody>
</table>
ENGINEERED FOR STRENGTH AND DURABILITY

Ancra Ratchet Buckle Strap Assemblies have redefined the industry standard. Now with the tested and proven 80% retained strength of Ancra X-TREME webbing and the integrity of our ratchet buckles, these assemblies surpass the others. A complete line of Ancra’s standard and heavy-duty assemblies and accessories can meet all your specific requirements.

- Custom lengths and a wide range of end hardware are available.
- Complies with WSTDA T-1 Standards
- Webbing meets or exceeds WSTDA T-4 Standards
- Standard fixed end length is 18-in., unless otherwise specified.

ANCRA X-TREME RATCHET STRAP ASSEMBLIES

2” ANCRA X-TREME RATCHET STRAPS USING 41632-37 WEBBING WITH LONG-WIDE HANDLE
RATCHET BUCKLE 44587-10 — WLL: 3,333 lbs./1,515 kg.

45982-90-27
2-in. x 27-ft. ANCRA X-TREME Ratchet Strap w/ 40891-18 Flat Hooks.
45982-90-30
2-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 40891-18 Flat Hooks.

45982-93-30
2-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 43366-21 Chain Anchors. Fixed End 33-in.

2” ANCRA X-TREME RATCHET STRAPS USING 41632-38 WEBBING WITH RATCHET BUCKLE
48965-10 — WLL: 5,400 lbs./2,450 kg.

48987-90-27
3-in. x 27-ft. ANCRA X-TREME Ratchet Strap w/ 41766-18 Flat Hooks. Fixed End 22-in.
48987-90-30
3-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 41766-18 Flat Hooks. Fixed End 22-in.

48987-92-27
3-in. x 27-ft. ANCRA X-TREME Ratchet Strap w/ 43120-13 Wire Hooks.
48987-92-30
3-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 43120-13 Wire Hooks.

3” ANCRA X-TREME RATCHET STRAPS USING 41632-38 WEBBING WITH RATCHET BUCKLE
48987-92-27
3-in. x 27-ft. ANCRA X-TREME Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 37-in.
48987-92-30
3-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 37-in.
### ANCRA X-TREME RATCHET STRAP ASSEMBLIES

**4" ANCRA X-TREME RATCHET STRAPS USING 43797-37 WEBBING WITH RATCHET BUCKLE**

49349-10 — WLL: 5,400 lbs./2,450 kg.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49346-90-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 41766-18 Flat Hooks. Fixed End 20-in.</td>
</tr>
<tr>
<td>49346-91-27</td>
<td>4-in. x 27-ft. ANCRA X-TREME Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 35-in.</td>
</tr>
<tr>
<td>49346-91-30</td>
<td>4-in. x 30-ft. ANCRA X-TREME Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 35-in.</td>
</tr>
</tbody>
</table>

---

### ANATOMY OF A RATCHET STRAP

- **Fixed End Hardware**
- **Adjustable End Hardware**
- **Buckle**
- **Fixed Length**
- **Webbing**
- **Overall Length**

On strap assemblies designed with separable sections, each section will be tagged with the essential assembly information.

The distance between extreme end bearing points of the web tie down assembly, including the fittings. Standard fixed end length is 18" (33" for chain anchor straps). This puts the ratchet in the optimum position on the side of the trailer.
**RATCHET STRAP ASSEMBLIES**

The strength of Ancra Ratchet Strap Assemblies reflects the strength of Ancra’s reputation in the Transportation Industry. Our heavy-duty, weather resistant straps and solid, reliable hardware have met the demands of the road for more than 40 years. Our straps are stringently tested for strength and durability in order to bear the Ancra name.

### 2” RATCHET BUCKLE STRAPS USING 41632-46 WEBBING WITH LONG-WIDE HANDLE RATCHET BUCKLE 44587-10 — WLL: 3,333 lbs./1,515 kg.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-10</td>
<td>2-in. x 27-ft. Ratchet Strap w/ 40891-18 Flat Hooks.</td>
</tr>
<tr>
<td>45982-11</td>
<td>2-in. x 30-ft. Ratchet Strap w/ 40891-18 Flat Hooks.</td>
</tr>
</tbody>
</table>

### 2” RATCHET BUCKLE STRAPS USING 41632-46 WEBBING WITH SHORT-WIDE HANDLE RATCHET BUCKLE 47105-11 — WLL: 3,333 lbs./1,515 kg.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-34</td>
<td>2-in. x 30-ft. Ratchet Strap w/ 43366-21 Chain Anchors. Fixed End 33-in.</td>
</tr>
</tbody>
</table>

### 2” RATCHET BUCKLE STRAPS USING 41632-46 WEBBING WITH STANDARD HANDLE RATCHET BUCKLE 44627-11 — WLL: 3,333 lbs./1,515 kg.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-36</td>
<td>2-in. x 30-ft. Ratchet Strap w/ 40758-11 Twisted Snap Hooks.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-42</td>
<td>2-in. x 27-ft. Ratchet Strap w/ 43120-13 Wire Hooks.</td>
</tr>
<tr>
<td>45982-43</td>
<td>2-in. x 30-ft. Ratchet Strap w/ 43120-13 Wire Hooks.</td>
</tr>
</tbody>
</table>

2” RATCHET BUCKLE STRAPS USING 41632-46 WEBBING WITH LONG-WIDE HANDLE RATCHET BUCKLE 47105-11 — WLL: 3,333 lbs./1,515 kg.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>47970-10</td>
<td>2-in. x 27-ft. Ratchet Strap w/ 40891-18 Flat Hooks.</td>
</tr>
<tr>
<td>47970-11</td>
<td>2-in. x 30-ft. Ratchet Strap w/ 40891-18 Flat Hooks.</td>
</tr>
</tbody>
</table>

2” RATCHET BUCKLE STRAPS USING 41632-46 WEBBING WITH STANDARD HANDLE RATCHET BUCKLE 44627-11 — WLL: 3,333 lbs./1,515 kg.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>47971-10</td>
<td>2-in. x 27-ft. Ratchet Strap w/ 40891-18 Flat Hooks.</td>
</tr>
<tr>
<td>47971-11</td>
<td>2-in. x 30-ft. Ratchet Strap w/ 40891-18 Flat Hooks.</td>
</tr>
</tbody>
</table>
RATCHET STRAP ASSEMBLIES

3” RATCHET BUCKLE STRAPS USING 41632-14 WEBBING WITH RATCHET BUCKLE 48965-10 —
WLL: 5,400 lbs./2,450 kg.

48987-20
3-in. x 27-ft. Ratchet Strap w/ 41766-18 Flat Hooks.
48987-21
3-in. x 30-ft. Ratchet Strap w/ 41766-18 Flat Hooks.

48987-24
3-in. x 27-ft. Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 33-in.
48987-25
3-in. x 30-ft. Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 33-in.

4” RATCHET BUCKLE STRAPS USING 43797-12 WEBBING WITH RATCHET BUCKLE 49349-10 —
WLL: 5,400 lbs./2,450 kg.

49346-10
4-in. x 27-ft. Ratchet Strap w/ 41766-18 Flat Hooks.
49346-11
4-in. x 30-ft. Ratchet Strap w/ 41766-18 Flat Hooks.

49346-14
4-in. x 27-ft. Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 33-in.
49346-15
4-in. x 30-ft. Ratchet Strap w/ 43366-14 Chain Anchors. Fixed End 33-in.

WLL: 5,400 lbs./2,450 kg.

4” RATCHET BUCKLE STRAPS USING 41632-15 WEBBING WITH RATCHET BUCKLE 49349-10 —
WLL: 6,600 lbs./3,000 kg.

49346-12
4-in. x 27-ft. Ratchet Strap w/ 43120-20 Narrow Wire Hooks.
49346-13
4-in. x 30-ft. Ratchet Strap w/ 43120-20 Narrow Wire Hooks.
Keep your excess webbing neat and secure with our new patented Web Keeper Ratchet Buckle Straps.

Tension your strap, roll up excess webbing and store it under the lever. Straps are available in 27’ and 30’ lengths in flat hook or wire hook models in standard or X-TREME webbing. These straps have a fixed end length of 18” and meet or exceed WSTDA T-1 Standard Specification for synthetic web tie downs.

**2" WEB KEEPER RATCHET BUCKLE STRAPS USING 41632-46 WEBBING WITH LONG-WIDE HANDLE**

WEB KEEPER RATCHET BUCKLE 50037-10 — WLL: 3,333 lbs./1,515 kg.

- **45982-10-27-WK**
  - 2-in. x 27-ft. Web Keeper Ratchet Strap w/ 40891-18 Flat Hooks.

- **45982-11-30-WK**
  - 2-in. x 30-ft. Web Keeper Ratchet Strap w/ 40891-18 Flat Hooks.

- **45982-42-27-WK**

- **45982-43-30-WK**
  - 2-in. x 30-ft. Web Keeper Ratchet Strap w/ 43120-13 Wire Hooks.

**2" WEB KEEPER RATCHET BUCKLE STRAPS USING 41632-37 X-TREME WEBBING WITH LONG-WIDE HANDLE**

WEB KEEPER RATCHET BUCKLE 50037-10 — WLL: 3,333 lbs./1,515 kg.

- **45982-90-27-WK**
  - 2-in. x 27-ft. X-TREME Web Keeper Ratchet Strap w/ 40891-18

- **45982-90-30-WK**
  - 2-in. x 30-ft. X-TREME Web Keeper Ratchet Strap w/ 40891-18 Flat Hooks.

- **45982-95-27-WK**

- **45982-95-30-WK**
  - 2-in. x 30-ft. X-TREME Web Keeper Ratchet Strap w/ 43120-13 Wire Hooks.
### Ratchet Strap Assemblies

#### For Ancra X-Treme 2" Ratchet Strap Assemblies

<table>
<thead>
<tr>
<th>Replacement for:</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-90-27 &amp; -30</td>
<td>10632-90</td>
<td>2&quot; x 18&quot; Fixed end strap w/ 44587-10 Buckle and 40891-18 Flat hook</td>
</tr>
<tr>
<td>45982-93-30</td>
<td>10632-93</td>
<td>2&quot; x 33&quot; Fixed end strap w/ 44587-10 Buckle and 43366-21 Chain Anchor</td>
</tr>
<tr>
<td>45982-93-30-WK</td>
<td>10632-93-28</td>
<td>2&quot; x 28&quot; Adjustable end strap w/ 43366-21 Chain Anchor</td>
</tr>
</tbody>
</table>

#### For Ancra X-Treme 3" Ratchet Strap Assemblies

<table>
<thead>
<tr>
<th>Replacement for:</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48987-90-27 &amp; -30</td>
<td>10633-90</td>
<td>3&quot; x 22' Fixed end strap w/ 48965-10 Buckle and 41766-18 Flat hook</td>
</tr>
<tr>
<td>48987-90-27 &amp; -30</td>
<td>10633-90-28</td>
<td>3&quot; x 28' Adjustable end strap w/ 41766-18 Flat hook</td>
</tr>
<tr>
<td>48987-92-27 &amp; -30</td>
<td>10633-92</td>
<td>3&quot; x 37' Fixed end strap w/ 48965-10 Buckle and 43366-14 Chain Anchor</td>
</tr>
<tr>
<td>48987-92-27 &amp; -30</td>
<td>10633-92-28</td>
<td>3&quot; x 28' Adjustable end strap w/ 43366-14 Chain Anchor</td>
</tr>
</tbody>
</table>

#### For Ancra X-Treme 4" Ratchet Strap Assemblies

<table>
<thead>
<tr>
<th>Replacement for:</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49346-90-27 &amp; -30</td>
<td>10634-90</td>
<td>4&quot; x 20' Fixed end strap w/ 49349-10 Buckle and 41766-18 Flat hook</td>
</tr>
<tr>
<td>49346-90-27 &amp; -30</td>
<td>10634-90-28</td>
<td>4&quot; x 28' Adjustable end strap w/ 41766-18 Flat hook</td>
</tr>
<tr>
<td>49346-91-27 &amp; -30</td>
<td>10634-91</td>
<td>4&quot; x 35' Fixed end strap w/ 49349-10 Buckle and 43366-14 Chain Anchor</td>
</tr>
<tr>
<td>49346-91-27 &amp; -30</td>
<td>10634-91-28</td>
<td>4&quot; x 28' Adjustable end strap w/ 43366-14 Chain Anchor</td>
</tr>
<tr>
<td>49346-93-27 &amp; -30</td>
<td>10634-93</td>
<td>4&quot; x 20' Fixed end strap w/ 49349-10 Buckle and 43120-20 Wire hook</td>
</tr>
<tr>
<td>49346-93-27 &amp; -30</td>
<td>10634-93-28</td>
<td>4&quot; x 28' Adjustable end strap w/ 43120-20 Wire hook</td>
</tr>
</tbody>
</table>

#### For Standard 2" Ratchet Strap Assemblies

<table>
<thead>
<tr>
<th>Replacement for:</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-10 &amp; -11, 47970-10 &amp; -11, 47971-10 &amp; -11, 45982-10-27-WK, 45982-11-30-WK</td>
<td>48922-10</td>
<td>2&quot; x 18&quot; Fixed end strap w/ 40891-18 Flat hook &amp; loop end</td>
</tr>
<tr>
<td>45982-42 &amp; -43</td>
<td>48922-13</td>
<td>2&quot; x 18&quot; Fixed end strap w/ 43120-13 Wire hook &amp; loop end</td>
</tr>
<tr>
<td>445982-15 &amp; -34, 45982-42-27-WK, 45982-43-30-WK</td>
<td>48922-16</td>
<td>2&quot; x 33' Fixed end strap w/ 43366-21 Chain Anchor &amp; loop end</td>
</tr>
<tr>
<td>45982-10 &amp; -11</td>
<td>49347-10</td>
<td>2&quot; x 18' Fixed end strap w/ 40891-18 Flat hook &amp; 44587-10 Buckle</td>
</tr>
<tr>
<td>45982-42 &amp; -43</td>
<td>49347-19</td>
<td>2&quot; x 18' Fixed end strap w/ 43120-13 Wire hook &amp; 44587-10 Buckle</td>
</tr>
<tr>
<td>45982-15 &amp; -34</td>
<td>49347-28</td>
<td>2&quot; x 33' Fixed end strap w/ 43366-21 Chain Anchor &amp; 44587-10 Buckle</td>
</tr>
<tr>
<td>45982-10, 47970-10, 47971-10</td>
<td>49347-11</td>
<td>2&quot; x 25' Adjustable end strap w/ 40891-18 Flat hook</td>
</tr>
<tr>
<td>45982-42</td>
<td>49347-20</td>
<td>2&quot; x 25' Adjustable end strap w/ 43120-13 Wire hook</td>
</tr>
<tr>
<td>45982-15</td>
<td>49347-29</td>
<td>2&quot; x 25' Adjustable end strap w/ 43366-21 Chain Anchor</td>
</tr>
<tr>
<td>45982-11, 47970-11, 47971-11</td>
<td>49347-12</td>
<td>2&quot; x 28' Adjustable end strap w/ 40891-18 Flat hook</td>
</tr>
<tr>
<td>45982-43</td>
<td>49347-21</td>
<td>2&quot; x 28' Adjustable end strap w/ 43120-13 Wire hook</td>
</tr>
<tr>
<td>45982-34</td>
<td>49347-30</td>
<td>2&quot; x 28' Adjustable end strap w/ 43366-21 Chain Anchor</td>
</tr>
</tbody>
</table>
RATCHET STRAP ASSEMBLIES

FOR STANDARD 3" RATCHET STRAP ASSEMBLIES

<table>
<thead>
<tr>
<th>Replacement for:</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48987-20 &amp; -21</td>
<td>48922-11</td>
<td>3&quot; x 18&quot; Fixed end strap w/ 41766-18 Flat hook &amp; loop end</td>
</tr>
<tr>
<td>48987-24 &amp; -25</td>
<td>48922-17</td>
<td>3&quot; x 33&quot; Fixed end strap w/ 43366-14 Chain Anchor &amp; loop end</td>
</tr>
<tr>
<td>48987-22 &amp; -23</td>
<td>48922-20</td>
<td>3&quot; x 18&quot; Fixed end strap w/ 43365-12 Grab hook &amp; loop end</td>
</tr>
<tr>
<td>48987-20 &amp; -21</td>
<td>49347-13</td>
<td>3&quot; x 18&quot; Fixed end strap w/ 41766-18 Flat hook &amp; 48965-10 Buckle</td>
</tr>
<tr>
<td>48987-24 &amp; -25</td>
<td>49347-31</td>
<td>3&quot; x 33&quot; Fixed end strap w/ 43366-14 Chain Anchor &amp; 48965-10 Buckle</td>
</tr>
<tr>
<td>48987-22 &amp; -23</td>
<td>49347-40</td>
<td>3&quot; x 18&quot; Fixed end strap w/ 43365-12 Grab hook &amp; 48965-10 Buckle</td>
</tr>
<tr>
<td>48987-20</td>
<td>49347-14</td>
<td>3&quot; x 25' Adjustable end strap w/ 41766-18 Flat hook</td>
</tr>
<tr>
<td>48987-24</td>
<td>49347-32</td>
<td>3&quot; x 25' Adjustable end strap w/ 43366-14 Chain Anchor</td>
</tr>
<tr>
<td>48987-22</td>
<td>49347-41</td>
<td>3&quot; x 25' Adjustable end strap w/ 43365-12 Grab hook</td>
</tr>
<tr>
<td>48987-21</td>
<td>49347-15</td>
<td>3&quot; x 28' Adjustable end strap w/ 41766-18 Flat hook</td>
</tr>
<tr>
<td>48987-25</td>
<td>49347-33</td>
<td>3&quot; x 28' Adjustable end strap w/ 43366-14 Chain Anchor</td>
</tr>
<tr>
<td>48987-23</td>
<td>49347-42</td>
<td>3&quot; x 28' Adjustable end strap w/ 43365-12 Grab hook</td>
</tr>
</tbody>
</table>

FOR STANDARD 4" RATCHET STRAP ASSEMBLIES

<table>
<thead>
<tr>
<th>Replacement for:</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49346-10 &amp; -11</td>
<td>48922-12</td>
<td>4&quot; x 18&quot; Fixed end strap w/ 41766-18 Flat hook &amp; loop end</td>
</tr>
<tr>
<td>49346-12 &amp; -13</td>
<td>48922-15</td>
<td>4&quot; x 18&quot; Fixed end strap w/ 43120-20 Wire hook &amp; loop end</td>
</tr>
<tr>
<td>49346-14 &amp; -15</td>
<td>48922-18</td>
<td>4&quot; x 33&quot; Fixed end strap w/ 43366-14 Chain Anchor &amp; loop end</td>
</tr>
<tr>
<td>49346-10 &amp; -11</td>
<td>49347-16</td>
<td>4&quot; x 18&quot; Fixed end strap w/ 41766-18 Flat hook &amp; 49349-10 Buckle</td>
</tr>
<tr>
<td>49346-12 &amp; -13</td>
<td>49347-25</td>
<td>4&quot; x 18&quot; Fixed end strap w/ 43120-20 Wire hook &amp; 49349-10 Buckle</td>
</tr>
<tr>
<td>49346-14 &amp; -15</td>
<td>49347-34</td>
<td>4&quot; x 33&quot; Fixed end strap w/ 43366-14 Chain Anchor &amp; 49349-10 Buckle</td>
</tr>
<tr>
<td>49346-10</td>
<td>49347-17</td>
<td>4&quot; x 25' Adjustable end strap w/ 41766-18 Flat hook</td>
</tr>
<tr>
<td>49346-12</td>
<td>49347-26</td>
<td>4&quot; x 25' Adjustable end strap w/ 43120-20 Wire hook</td>
</tr>
<tr>
<td>49346-14</td>
<td>49347-35</td>
<td>4&quot; x 25' Adjustable end strap w/ 43366-14 Chain Anchor</td>
</tr>
<tr>
<td>49346-11</td>
<td>49347-18</td>
<td>4&quot; x 28' Adjustable end strap w/ 41766-18 Flat hook</td>
</tr>
<tr>
<td>49346-13</td>
<td>49347-27</td>
<td>4&quot; x 28' Adjustable end strap w/ 43120-20 Wire hook</td>
</tr>
<tr>
<td>49346-15</td>
<td>49347-36</td>
<td>4&quot; x 28' Adjustable end strap w/ 43366-14 Chain Anchor</td>
</tr>
</tbody>
</table>

TIE DOWN TIPS
From the Web Sling and Tie Down Association

- The angle from the horizontal (tie down to trailer deck) has an enormous influence on load securement.
- If the angle is 90 degrees, the effective downward pressure is 100% of the tie down tension.
- If the angle is 60 degrees, the effective downward pressure is reduced to 87% of the tie down tension.
- If the angle is 45 degrees, the effective downward pressure is reduced to 71% of the tie down tension.
- If the angle is 30 degrees, the effective downward pressure is reduced to 50% of the tie down tension.
- For more information about the Recommended Standard for Tie Downs, contact WSTDA.

www.wstda.com
From decking systems, track, beams and bars, to strap assemblies and custom nets, Ancra’s Interior Van Solutions are made of quality components to secure your loads. Whether your application is standard or heavy-duty, your solution is here.

• Loading systems match your application
• Track treated with high quality finishes for corrosion resistance
• Versatile beams and bars with the best possible strength-to-weight ratio
• Replacement parts for added life and efficiency
• Strength tested and highway proven
The most popular patented solution for decking loads in trailer and van bodies.

With Ancra's patented adjustable second deck in your trailer, you can carry double the amount of palletized freight, or you can mix loads with only part of the vehicle double decked. Either way, you can increase your payload capacity and your profits. For the loads where you need full height, you simply push the adjustable beams to the roof for convenient and safe storage. There will be no more beams left on the loading dock. The Ancra Lift-A-Deck® II system is the most versatile you can install. With many track styles to choose from, installations can be made on any type of vehicle construction, including sheet and post. Lift-A-Deck II track can also be used with a wide range of Ancra accessories for cargo containment. For information about Ancra’s two-year warranty, call our Customer Service Department at 800-929-2627.

Convenient storage.
When not in use, beams are easily pushed to the roof for secure storage. No more lost beams.

Easy operation.
Beams are easily moved by one operator.

Super strength.
Ancra standard beams have the highest rating in the industry – 2,200 lbs./1,000 kg.

Wide range of accessories.
Lift-A-Deck II track can be used for securing loads with cargo straps, tie-offs, and decking/shoring beams.

Fits all trailers.
Available for 96 or 102 inch trailer widths and height can be specified. Track also can be made as an integral part of sidewall structure.

Versatile.
Beams can be adjusted in one-inch increments to accommodate various loads within a trailer. Only Ancra offers this much adjustability.

Snag resistant.
Low profile track design with sloping shoulders helps protect against forklift damage and allows for surface mounting. Standard track length is 72-inches. Custom lengths are available.

Simple, yet secure.
Double engagement lock on the aluminum beam features a simplified trigger release mechanism. Internal locking design helps protect against forklift damage.

Interior Van Solutions
Fits all trailers.
Available for 96 or 102 inch trailer widths and height can be specified. Track also can be made as an integral part of sidewall structure.

Versatile.
Beams can be adjusted in one-inch increments to accommodate various loads within a trailer. Only Ancra offers this much adjustability.

Snag resistant.
Low profile track design with sloping shoulders helps protect against forklift damage and allows for surface mounting. Standard track length is 72-inches. Custom lengths are available.

Simple, yet secure.
Double engagement lock on the aluminum beam features a simplified trigger release mechanism. Internal locking design helps protect against forklift damage.
Only Ancra gives you so many decking options.

Cargo beams and Lift-A-Deck beams are rated at Working Load Limits (WLL) that are 1/3 of the breaking strength or failure load capacity of the beams. In order to account for dynamics and vibrations that are experienced during transit and avoid overloading the beams beyond the WLL rating, the actual weight of cargo supported by the beams should be reduced below the rated WLL value of the beam. The allowable weight of cargo supported by the beams should be factored down based on anticipated dynamic G forces expected during transit. Below are typical examples of de-rated weight carrying values for beams based on a range of expected levels of transport dynamics.

- Beams can be positioned in one-inch increments for most efficient utilization of space
- Beams easily moved by just one operator
- Low Profile locking mechanism to help protect against forklift damage.

<table>
<thead>
<tr>
<th>Recommended Maximum Cargo Weight per Beam</th>
<th>BEAM TYPE</th>
<th>WLL VALUE OF BEAM</th>
<th>LOW LEVEL (2G)</th>
<th>MID LEVEL (3G)</th>
<th>HIGH LEVEL (4G)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>2200 lb</td>
<td>1100 lb</td>
<td>733 lb</td>
<td>550 lb</td>
<td></td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>3000 lb</td>
<td>1500 lb</td>
<td>1000 lb</td>
<td>750 lb</td>
<td></td>
</tr>
<tr>
<td>Wide Top</td>
<td>4000 lb</td>
<td>2000 lb</td>
<td>1333 lb</td>
<td>1000 lb</td>
<td></td>
</tr>
</tbody>
</table>

See how Lift-A-Deck maximizes your cargo area to increase profits. Scan this QR Code for a how-to video or go to our website at [http://link.ancra.com/?L=4](http://link.ancra.com/?L=4)

STANDARD AND LOW PROFILE BEAMS W/ LOW PROFILE FOOT AND CHANNEL ASSEMBLY

**49414-15**
Standard LAD Beam  
Adjustment range: 95.1” - 105.6”  
Weight: 18.1 lbs./8.2 kg.  
Decking WLL: 2,200 lbs./999 kg.*  
Shoring WLL: 2,200 lbs./999 kg.

**49414-19**
Heavy Duty LAD Beam  
Adjustment range: 95.1” - 105.6”  
Weight: 19.7 lbs./8.9 kg.  
Decking WLL: 3,000 lbs./1,360 kg.  
Shoring WLL: 2,500 lbs./1,135 kg.*

WIDE TOP BEAM W/ LOW PROFILE FOOT AND CHANNEL ASSEMBLY

The textured Beam top surface is 4-1/2” wide to increase the contact area for cargo on the beam deck.

**50080-11**
Wide Top LAD Beam Assembly  
Adjustment range 95.1” - 105.6”  
Weight: 24.9 lbs./11.3 kg.  
Decking WLL: 4,000 lbs./1,816 kg.*  
Not recommended for shoring.

*Note: Also consult trailer or truck body manufacturer for their recommended load capacity of secondary deck.
**Lift-A-Deck® II**

**INTERIOR VAN SOLUTIONS**

**BEAM ACCESSORIES AND COMPONENTS**

RT beams have all the required labels.

**PRODUCT FEATURES**

- With more than 45,000 systems operating year after year, with low maintenance costs, Lift-A-Deck II is the deck system most requested by major fleets.
- Evaluation, testing, training and installation by certified deck specialists will help determine the best LAD II system for your application and ensure maximum efficiency and ROI.

**BEAM ACCESSORIES AND COMPONENTS**

- RT beams have all the required labels.

**PRODUCT FEATURES**

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- Evaluation, testing, training and installation by certified deck specialists will help determine the best LAD II system for your application and ensure maximum efficiency and ROI.

**NO TRACK LUBRICATION REQUIRED.**

**SYSTEM TRACK AND FOOT ASSEMBLIES ARE PRECISELY MACHINED RESULTING IN SMOOTH SLIDING BEAMS.**

**EVALUATION, TESTING, TRAINING AND INSTALLATION BY CERTIFIED DECK SPECIALISTS WILL HELP DETERMINE THE BEST LAD II SYSTEM FOR YOUR APPLICATION AND ENSURE MAXIMUM EFFICIENCY AND ROI.**
AFTERMARKET DECKING SYSTEM BEAMS

AFTERMARKET DECKING BEAMS — OLDER STYLE CAPTIVE BEAM SYSTEMS

49414-21
Standard Aftermarket Beam
Adjustment range 97.3” - 108.8”
Weight: 23.7 lbs./10.76 kg.
Decking WLL: 2,200 lbs./1,000 kg.
Shoring WLL: 1,500 lbs./680 kg.

50191-10
Heavy-Duty Aftermarket Beam
Adjustment range 97.3” - 108.8”
Weight: 25.3 lbs./11.49 kg.
Decking WLL: 2,200 lbs./1,000 kg.
Shoring WLL: 1,500 lbs./680 kg.

50186-10
Wide Top Aftermarket Beam
Adjustment range 97.3” - 108.8”
Weight: 30.5 lbs./13.85 kg.
Decking WLL: 2,500 lbs./1,135 kg.
Not recommended for shoring.

* Note: Also consult trailer or truck body manufacturer for their recommended load capacity of secondary deck.

AFTERMARKET BEAM ACCESSORIES AND COMPONENTS — RT Beams have all the required labels.

49414-21-RT
Replacement Tube for 49414-21 Standard Aftermarket Beam. Length 90.71 inches.

50191-10-RT
Replacement Tube for 50191-10 Heavy-Duty Aftermarket Beam. Length 90.71 inches.

50186-10-RT (shown above)
Replacement Tube for 50186-10 Wide Top Aftermarket Beam. Length 90.71 inches.

50188-10
Foot and Channel Assembly for 49414-22, 50186-10 and 50191-10 Aftermarket Beams.
Weight: 5.9 lbs./2.68 kg.

50194-100
Low Profile Allen Sleeve Nut and Bolt Kit
Low profile allen head bolt and sleeve nut with a semi-flush head height of .10”. Used for attaching channel assemblies to beams. The bolt has a self locking patch to prevent loosening due to vibration. For 43638, 49039, 49360, 49414, 50080, 50158, 50186 and 50191 beams. Weight: .10 lb./.5 kg.
LIFT-A-DECK® II

Lift-A-Deck® II Track Options

- Widest choice of track types to meet every application.
- No track lubrication is required.
- Beam access slot is provided as standard for all track for easy beam removal and replacement. Standard track length is 72 inches (61 inch loadable). Custom lengths and an installation manual are available upon request.

50192-14-72.00
Standard Single Track

50058-18-72.00
Flanged Single Track.

49562-17-72.00
Narrow Single Track
LIFT-A-DECK® II

LIFT-A-DECK® II TRACK OPTIONS


50072-14-72.00
Flanged Double Track

LIFT-A-DECK® II LOGISTIC STRAPS


Part No. Length Weight
40602-100 12 ft. 1.40 lbs.
40602-101 16 ft. 1.55 lbs.
40602-102 20 ft. 1.70 lbs.

Part No. Length Weight
48672-16 12 ft. 2.50 lbs.
48672-17 16 ft. 2.65 lbs.
48672-18 20 ft. 2.80 lbs.
POLY DECK BOARD

- Lighter than plywood - Increase trailer capacity
- Ergonomic - Convenient hand slot
- Splinter Proof - Reduces labor to clean out trailers and docks - longer life than plywood
- Stackable - Nests for storage
- Durable - Reduces purchase frequency
- Recyclable - Energy savings
- Tough high density polyethylene has excellent low temperature performance down to -40°F
- Tested to demonstrate durability under load and vibration at -40°F

**50105-10**
Poly Deck Board for LAD System
For beams set at 16” on center.
48” x 48” x 2.7” H
Weight: 21 lbs./9.53 kg.

**50105-11**
Poly Deck Board for LAD System
For beams set at 24” on center.
48” x 48” x 2.7” H
Weight: 21 lbs./9.53 kg.
RETRACT-A-ROLL®
Cargo containers glide on, glide off.

ANCRA PUTS AIRCRAFT CARGO LOADING CONVENIENCE IN YOUR TRAILER.

Your trailers can benefit from the same high speed loading that moves thousands of tons of air cargo everyday.

Ancra’s next generation heavy cargo system uses retractable rollers to lift and slide containers to speed turnarounds. Loading and unloading is quicker, reducing handling time and lowering labor costs. Available for air freight or palletized freight, both systems instantly convert back to a flat floor for general freight.

ENGINEERED FOR LIGHT WEIGHT, HEAVY DURABILITY.

Steel top cap and rollers fends off forklifts. Lower sections are aluminum to reduce weight. All parts are easily accessed for inspection or repair. System is powered by pneumatics off the truck’s existing air supply.

RETRACT-A-ROLL II SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Track width</td>
<td>4.2 inches / 107 mm</td>
</tr>
<tr>
<td>Track height</td>
<td>2.75 inches / 70 mm</td>
</tr>
<tr>
<td>Track weight</td>
<td>7.2 lbs/ft / 10.7 kg/m</td>
</tr>
<tr>
<td>(3&quot; roller, 4&quot; pitch)</td>
<td></td>
</tr>
<tr>
<td>Inflated height</td>
<td>3.3 inches / 84 mm</td>
</tr>
<tr>
<td>Roller width</td>
<td>2.0 inches / 51 mm</td>
</tr>
<tr>
<td>(air freight)</td>
<td></td>
</tr>
<tr>
<td>Roller spacing</td>
<td>4&quot; / 6&quot; straight pitch / 102 / 152 mm</td>
</tr>
<tr>
<td>Track lengths</td>
<td>8&quot;, 10&quot; and 13&quot; standard</td>
</tr>
<tr>
<td></td>
<td>2.4 m, 3 m, 4 m standard</td>
</tr>
<tr>
<td></td>
<td>(custom lengths available)</td>
</tr>
<tr>
<td>Lifting capacity</td>
<td>450 lbs/ft / 671 kg/m</td>
</tr>
<tr>
<td>Bearing capacity</td>
<td>500 lbs/ft / 745 kg/m</td>
</tr>
<tr>
<td>(standard)</td>
<td></td>
</tr>
<tr>
<td>Operating air pressure</td>
<td>30 psi / 2 bar</td>
</tr>
<tr>
<td>Control box</td>
<td>weatherproof with centralized controls.</td>
</tr>
</tbody>
</table>
THE RIGHT TRACK

Ancra Series E, A and F Track were designed to team with Ancra end fittings, Beam Sockets, and Decking/Shoring Beams for the strongest, most reliable support. Steel constructed and tested for strength, Ancra Track comes in 10 ft. (3 m) lengths for a wide range of cargo restraint applications. To withstand corrosion, Ancra galvanized track has a G-90 hot dip finish with a surface chemical treatment. Painted track is finished with either high-quality, powder coat or semi-gloss enamel. Custom lengths and special finishes available, contact Customer Service Department.

WARNING: Reference TTMA RP No. 47-99 for installation. Attach track using screws, rivets or by welding. Contact vehicle manufacturer or qualified installer to determine fastener size and mounting method. Welding of galvanized material may emit toxic fumes. Please use caution and proper ventilation.

LOGISTIC TRACK

Series E track is made of high strength 12-gauge steel for Series E end fittings, Beam Sockets and Decking/Shoring Beams. (See products on page 50 and 51.) This track may be attached with screws, rivets, or by welding.*

<table>
<thead>
<tr>
<th>Horizontal</th>
<th>Vertical</th>
</tr>
</thead>
</table>

**Series E**

- **48117-25-120.00**
  - Gray Powdercoat. Weight/Length: 16.6 lbs./10 ft. 7.5 kg./3 m

- **48117-25-60.00**
  - Gray Powdercoat. Weight/Length: 8.3 lbs./5 ft. 3.77 kg./1.5 m

- **48117-21-120.00**
  - Galvanized. Weight/Length: 17.2 lb./10 ft., 7.80 kg./3 m

- **48117-21-60.00**
  - Galvanized. Weight/Length: 8.6 lbs./5 ft. 3.90 kg./1.5 m

- **48117-32-120.00**
  - Black Powdercoat Weight/Length: 16.6 lbs./10 ft., 7.5 kg./3 m

- **40838-10**
  - Gray Powdercoat. Weight/Length: 13.5 lbs./10 ft. 6.1 kg./3 m

- **40838-11**
  - Galvanized. Weight/Length: 14 lbs./10 ft. 6.4 kg./3 m

*Caution: Welding of galvanized track should be done only in well ventilated areas. Welding fumes may be toxic.
**LOGISTIC TRACK**

**Series A**
Series A track, made of high strength steel or 6061 T6 aluminum, is designed for Series E end fittings, Beam Sockets and Decking/Shoring Beams. (See products on page 50 and 51.) This track may be attached with screws, rivets, or by welding.*

**HORIZONTAL**

**Series F**
Series F track is made of high strength steel for F end fittings and Shoring Beams. (See products on page 50.) This track may be attached with screws, rivets, or by welding.*

**Series F Channel**

---

*Caution: Welding of galvanized track should be done only in well ventilated areas. Welding fumes may be toxic.*
BEAMS, BARS & HOOPS

All the innovation and selection you’ll ever need. Ancra gives you a choice of shoring beams with steel, aluminum, or heavy-duty aluminum models. Aluminum beams feature a patented flat latch mechanism that eliminates the age old problem of damaged trigger mechanisms. It’s easier to release, even while wearing gloves. There is even a replacement flat latch channel assembly that can be used to update your existing beams. Extend beam life and keep your costs low.

ANCRA BEAMS ARE PROUDLY MADE IN USA

STANDARD-DUTY ALUMINUM SERIES E AND A DECKING/SHORING BEAM WITH PATENTED FLAT LATCH

Decking and Shoring WLL: 2,200 lbs./999 kg.*

43638-50
Adjustable Range/Weight:
85.7 – 96.6 in./16.0 lbs./7.27 kg.

43638-51
Adjustable Range/Weight:
91.9 – 102.9 in./18.8 lbs./8.55 kg.

50158-10
Wide Top Decking Beam with textured, 4-1/2" top surface to increase contact area for cargo on the beam deck. Adjustable Range/Weight: 92.9-103.8 in./26.4 lbs./12.0 kg. Decking WLL: 3000 lbs. not recommended for shoring. Patented Flat Latch.

HEAVY-DUTY ALUMINUM SERIES E AND A BEAM ASSEMBLY WITH PATENTED FLAT LATCH

Decking WLL: 3,000 lbs./1,363 kg.* Shoring WLL: 2,500 lbs./1,136 kg.*

49039-50
Adjustable Range/Weight:
84.7 – 95.7 in./20.50 lbs./9.32 kg.

49039-51
Adjustable Range/Weight:
91.9 - 102.9 in./22.5 lbs./10.23 kg.

49039-52
Adjustable Range/Weight:
95.8 - 106.8 in./24.5 lbs./11.03 kg.

SERIES E AND A STEEL DECKING/SHORING BEAM WITH TRIGGER LATCH

Decking WLL: 2,000 lbs./900 kg. Shoring WLL: 1,100 lbs./499 kg.*

49360-13
Adjustable Range/Weight: 92.1 – 102.9 in./27 lbs./12.26 kg. 14 gauge steel.

DECKING BEAM HOOPS

47670-10
Designed to help restrain the movement of packages of cargo within your truck or trailer. Two hoops and attachment hardware are included providing easy mounting. For 43638, 49039 and 49360 series E and A Decking/Shoring Beams. Weight: 13.25 lbs./6.01 kg.

*Working Load Capacity is 1/3 of Breaking Strength Capacity, and based on evenly distributed loads.
REPLACEMENT PARTS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>43627-13</td>
<td>Replacement Channel Assembly with patented flat latch. 11 Gauge. Weight: 3.8 lbs./1.73 kg. For aluminum beams 43638, 49039 and 50158. Can be retrofitted into conventional trigger style beams.</td>
</tr>
<tr>
<td>50194-100</td>
<td>Low Profile Allen Sleeve Nut and Bolt Kit. Low profile allen head bolt and sleeve nut with a semi-flush head height of .10”. Used for attaching channel assemblies to beams. The bolt has a self locking patch to prevent loosening due to vibration. For 43638, 49039, 49360, 49414, 50080, 50158, 50186 and 50191 beams. Weight: .10 lb./.5 kg.</td>
</tr>
<tr>
<td>45951-12</td>
<td>Flat Latch Repair Kit Includes latch, screw, nut, springs and instructions. Weight: .14 lb./.06 kg. For Part No. 43627-13 channel assembly.</td>
</tr>
</tbody>
</table>

GARMENT BEAMS — WLL: 1,500 lbs./681 kg.*

Specially designed for transporting hanging garments suspended from rope loops in closed trailers. Features a curved top beam to reduce wear on ropes, and is made of high strength extruded aluminum for durability. Assembled with Ancra Beam Socket 40921-10.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45867-12</td>
<td>Length/Weight: 96 in./14.0 lbs./6.36 kg.</td>
</tr>
<tr>
<td>45867-13</td>
<td>Length/Weight: 102 in./15.0 lbs./6.82 kg.</td>
</tr>
<tr>
<td>10751-10</td>
<td>Garment Rope 1/4” x 8’ Yellow braided Polypropylene. 12” loop end w/ knots approx. every 9”. NOTE: Contact Ancra Customer Service for minimum order quantities.</td>
</tr>
</tbody>
</table>

BEAM SOCKETS — For use with standard commercial grade Douglas Fir 2-in. x 6-in. lumber. PLEASE NOTE: The working load limit of lumber varies widely.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40921-10</td>
<td>Standard Beam Socket. Weight: .70 lb./.32 kg.</td>
</tr>
</tbody>
</table>

SHORING BARS – F SERIES WITH NEW EASY PUSH BUTTON DESIGN

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49439-10</td>
<td>Round Shoring Bar. Adjustable in 2” increments to 117”. Weight: 20.0 lbs./9.1 kg. Shoring WLL: 500 lbs./227 kg. Recommended installed length: 81” – 117”. Outer tube diameter: 1.66” Inner tube diameter: .72”</td>
</tr>
<tr>
<td>49439-11</td>
<td>Round Shoring Bar for 1” hole diameter track. Adjustable in 2” increments to 117”. Weight: 20.0 lbs./9.1 kg. Shoring WLL: 500 lbs./227 kg. Recommended installed length: 81” – 117”. Outer tube diameter: 1.66” Inner tube diameter: .945”</td>
</tr>
<tr>
<td>49439-20</td>
<td>Square Shoring Bar. Adjustable in 2” increments to 117”. Weight: 28.0 lbs./12.71 kg. Shoring WLL: 1,000 lbs./454 kg. Recommended installed length: 81” – 117”. Tube size 2” square. Inner tube diameter: .72”</td>
</tr>
<tr>
<td>49439-21</td>
<td>Square Shoring Bar for 1” hole diameter track. Adjustable in 2” increments to 117”. Weight: 28.0 lbs./12.71 kg. Shoring WLL: 1,000 lbs./454 kg. Recommended installed length: 81” – 117”. Tube size 2” square. Inner tube diameter: .945” for Canadian application.</td>
</tr>
</tbody>
</table>

*Working Load Capacity is 1/3 of Breaking Strength Capacity, and based on evenly distributed loads.
CARGO STA® BARS & HOOP SET

ALUMINUM STANDARD CARGO STA®

**43782-15**  6061 T6 Aluminum  
Length/Weight: 89.75 – 104.5 in. 8.95 lbs./4.07 kg.  
Long Tube Diameter: 1.50 in.  

**CAUTION:** Due to the wall construction of a trailer, Cargo Sta® and Jack Bars do not have a working load limit.

ECONOMY STEEL CARGO STA® W/ BOLT-ON FEET

**48407-10**  Galvanized Steel Tubing  
Length/Weight: 89.75 – 104.5 in. 11.72 lbs./5.33 kg.  
Long Tube Diameter: 1.50 in.

HOOP SET FOR CARGO STA®

**43991-10**  Designed to help restrain the movement of small packages of cargo within your truck or trailer. Two hoops and attachment hardware are included providing easy mounting. For 43782, 48407 round tube bars. Tube Diameter: 1.5 in. Weight: 10.0 lbs./4.5 kg.

CARGO STA® AND JACK BAR REPLACEMENTS

**Foot, Adjustable End (short)**

**43781-15S**  2 in. x 4 in. Bolt-on.  
Weight: .78 lb./.36 kg.  
For 43782-15, 48407-10.  

**43781-17**  4 in. x 4 in. Bolt-on.  
Weight: 1.35 lbs./.61 kg.  

**Foot, Fixed End (long)**

**43781-14S**  2 in. x 4 in. Bolt-on.  
Weight: .62 lb./.29 kg.  
For 43782-15, 48407-10.  

**43781-16**  4 in. x 4 in. Bolt-on.  
Weight: 1.1 lbs./.5 kg.  

**49443-10**  Housing, Rack and Lever Assembly  
For Cargo Sta 43782-15, 48407-10. Complete with necessary hardware.  
Weight: 2.12 lbs./.97 kg.

**Jack Bar Component Kits**

Complete kit consisting of a Jack Assembly Housing, 4" x 4" adjustable end foot, 4" x 4" fixed end foot and all necessary hardware.  

**49400-10**  Red Handle for 49205-26, 49205-27 & 49205-31 Jack Bars.  

**49400-11**  Black Handle for 49205-25 & 49205-28 Jack Bars.
HEAVY-DUTY JACK BARS

Jack Bars feature 4” x 4” bolt-on feet assemblies and are designed for use in light to medium duty cargo applications. They feature 1-1/2” square heavy-gauge, galvanized steel tubing with a cycle tested, heavy duty automotive jack assembly. For ease of recognition, bars with the longest adjustment range have red handles.

HEAVY-DUTY ONE-PIECE GALVANIZED

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
<th>Adjustment Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>49205-25</td>
<td>16.2 lbs./7.35 kg.</td>
<td>85.0” – 104.0” Black Handle</td>
</tr>
<tr>
<td>49205-26</td>
<td>16.6 lbs./7.54 kg.</td>
<td>85.0” – 114.0” Red Handle</td>
</tr>
</tbody>
</table>

HEAVY-DUTY ONE-PIECE GALVANIZED WITH HOOPS

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
<th>Adjustment Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>49205-27</td>
<td>20.0 lbs./9.08 kg.</td>
<td>85.0” – 114.0” Red Handle</td>
</tr>
<tr>
<td>49205-28</td>
<td>19.6 lbs./9.0 kg.</td>
<td>85.0” – 104.0” Black Handle</td>
</tr>
</tbody>
</table>

UNIVERSAL JACK BAR

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight</th>
<th>Adjustment Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>49205-31</td>
<td>18.2 lbs./8.26 kg.</td>
<td>51” – 80”</td>
</tr>
</tbody>
</table>

- 51” size used to restrain half loads; compact to fit in locked tool box
- Useful in various load configurations through the universal design
- Patented Safety Snap Pin

CAUTION:
Due to the wall construction of a trailer, Cargo Sta® and Jack Bars do not have a working load limit. The Jack mechanism has a quick release feature that allows the bar to be retracted for easy removal. Read and follow instructions to prevent damage or injury.
ACCESSORIES

BAR KEEP™ CARGO BAR HOLDER
Constructed of high quality steel and finished with black powder coating for corrosion resistance. Holds two standard or heavy-duty cargo bars. A built in gasket reduces vibration and rattle while protecting the bars. Accommodates both 2” x 4” or 4” x 4” feet.

DOOR PULL STRAPS
For pulling overhead, and side doors and wheel carts. Rust protected galvanized steel clip is pre-punched for easy installation.

TIE OFFS
A convenient way to attach rope or web to trailer side wall.

TRUCK & TRAILER FITTINGS
Designed for low-profile mounting in trucks and trailers, the Recessed Pan Fitting is tensioned to reduce ring movement, but allows easy lifting. The Stake Pocket Anchor can be surface or flush mounted and accepts roll cart lock pins.

TRANSMAT® FRICTION MAT
These durable rubber mats offer stability to any load and reduce risk of load shifting in box cars or intermodal transport.
- Coefficient of friction of 1.2 min
- Shore A hardness of 35-55 points
- Meets new minimum 1g loading regulations

40386-10
Series E and A Rope Tie Off
3-piece end fitting for use with Series E or A Track.
WLL: 1,000 lbs/.454 kg.
Weight: .30 lb./.14 kg.

40386-12
Series F Rope Tie Off. For use with Series F Track.
WLL: 500 lbs./225 kg. Weight: .30 lb./.14 kg.

40386-13
For use with Series F Track Canada.
WLL: 500 lbs./225 kg. Weight: .30 lb./.14 kg.

49382-10
Sheet 30” x 42” 2mm thick
These durable rubber mats offer stability to any load and reduce risk of load shifting in box cars or intermodal transport.
- Coefficient of friction of 1.2 min
- Shore A hardness of 35-55 points
- Meets new minimum 1g loading regulations

49371-10
Stake Pocket Anchor. Conforms to USPS drawing B-13956.
Black Lacquer Finish. Weight: 0.98 lb./.44 kg.

49542-10
Series E and A Fitting w/ D-Ring.
WLL: 1,000 lbs/.454 kg.
Weight: .34 lb./.15 kg.

47772-12
Series E and A Track Fitting w/ Round Ring.
WLL: 1,000 lbs/.454 kg.
Weight: .45 lb./.20 kg.

50115-10
Heavy-Duty Series E and A Track Fitting w/ D-Ring. Heat treated.
WLL: 2,000 lbs./908 kg.
Weight: .40 lbs./.18 kg.

45545-15
With black trim collar.
WLL: 530 lbs./240 kg.
Weight: .30 lb./.14 kg.

45849-13
Recessed Pan Fitting
WLL: 1,666 lbs./757 kg.
Weight: 1.20 lbs./.55 kg.

49382-10
Sheet 30” x 42” 2mm thick
## TENSION-LIMITING RATCHET ASSEMBLIES

**No more overtightening**
You can prevent damage caused by overtightened ratchet buckles with the Tension-Limiting Ratchet Buckle. Ancra’s innovative buckle will tighten to no more than 300 pounds of tension. It’s enough force to secure the cargo, but not enough to damage your vehicle. Not even your strongest driver can apply too much force.

**How it works**
Once the strap is installed in the track, ratchet the strap normally. When proper tension is reached, the handle releases and no more tension can be applied. Even if you try, you can never go too tight.

Assemblies are available with Low Profile (49715-10, patented) or Heavy-Duty (49410-13, patented) long handle buckles. There are six Torque-Limiting Ratchet Straps available in lengths from 12 to 20 feet.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>49021-30</td>
<td>12 ft.</td>
<td>4.00 lbs.</td>
</tr>
<tr>
<td>49021-31</td>
<td>16 ft.</td>
<td>4.25 lbs.</td>
</tr>
<tr>
<td>49021-32</td>
<td>20 ft.</td>
<td>4.50 lbs.</td>
</tr>
</tbody>
</table>

**Series E Heavy-Duty Buckle Strap w/ Spring E Fitting**
Heavy-duty 12,000 lbs. yellow latex treated polyester webbing. WLL: 1,333 lbs./605 kg. Fixed End: 48-in.

**Series E Low Profile Buckle Strap w/ Spring E Fitting**
Strong 6,000 lbs. polyester webbing. WLL: 1,333 lbs./605 kg. Fixed End: 48-in.

Detents in the handle are designed to release at preset loads that will hold the cargo securely, but not damage the vehicle or the cargo.
ANCRA INTERNATIONAL • DESIGNER AND MANUFACTURER OF CARGO RESTRAINT SYSTEMS

LOGISTIC STRAPS & ASSEMBLIES
Ancra logistic straps are available in cam buckle and ratchet buckle models with end hardware to suit your specific application. Made with strong polyester webbing, they are color coded to easily identify the length. The standard fixed end length for all straps is 48". Built on a reputation for dependability and strength, these strap assemblies promise the quality that comes with every product that bears the Ancra name.

CAM BUCKLE STRAP ASSEMBLIES

6,000 lb. Polyester Webbing (47200) with a Cam Buckle (40880-15). The adjustable end of the straps are captivated to prevent them from pulling out of the buckle and separating.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40602-17</td>
<td>12 ft.</td>
<td>1.65 lbs.</td>
</tr>
<tr>
<td>40602-18</td>
<td>16 ft.</td>
<td>1.80 lbs.</td>
</tr>
<tr>
<td>40602-19</td>
<td>20 ft.</td>
<td>1.95 lbs.</td>
</tr>
</tbody>
</table>

Series E Assembly with spring actuated end fitting

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40602-10</td>
<td>12 ft.</td>
<td>1.55 lbs.</td>
</tr>
<tr>
<td>40602-11</td>
<td>16 ft.</td>
<td>1.70 lbs.</td>
</tr>
<tr>
<td>40602-12</td>
<td>20 ft.</td>
<td>1.85 lbs.</td>
</tr>
</tbody>
</table>

Series E Assembly with 3-piece end fitting

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40602-20</td>
<td>12 ft.</td>
<td>2.40 lbs.</td>
</tr>
<tr>
<td>40602-21</td>
<td>16 ft.</td>
<td>2.55 lbs.</td>
</tr>
<tr>
<td>40602-22</td>
<td>20 ft.</td>
<td>2.70 lbs.</td>
</tr>
</tbody>
</table>

Series F Strap Assembly

Working Load Limit: 500 lbs./225 kg.

SERIES F STRAP ASSEMBLY (CANADA) Working Load Limit: 500 lbs./225 kg.

For Canada

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40602-103</td>
<td>12 ft.</td>
<td>2.40 lbs.</td>
</tr>
<tr>
<td>40602-104</td>
<td>16 ft.</td>
<td>2.55 lbs.</td>
</tr>
<tr>
<td>40602-105</td>
<td>20 ft.</td>
<td>2.70 lbs.</td>
</tr>
</tbody>
</table>

Series F Assembly with spring actuated end fitting

Interior van straps should be inserted in track behind the front edge of the load and cinched tight.

Please note: Ancra logistics straps come in three webbing colors, coded according to lengths. 12 ft. webbing is yellow, 16 ft. webbing is gray, 20 ft. webbing is blue. End fitting part numbers are shown for reference only.
CAM BUCKLE STRAP ASSEMBLIES


<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>49025-20</td>
<td>12 ft.</td>
<td>1.90 lbs.</td>
</tr>
<tr>
<td>49025-21</td>
<td>16 ft.</td>
<td>2.05 lbs.</td>
</tr>
<tr>
<td>49025-22</td>
<td>20 ft.</td>
<td>2.20 lbs.</td>
</tr>
</tbody>
</table>

An additional E fitting allows for increased adjustability for various applications.

PLATE TRAILER STRAPS  6,000 lbs. polyester webbing 47200 and cam buckle 40880-19.

Cam Buckle Strap w/ Wire Hook & Spring E Fitting  WLL: 833 lbs./378 kg.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>48253-19</td>
<td>12 ft.</td>
<td>1.85 lbs.</td>
</tr>
<tr>
<td>48253-20</td>
<td>16 ft.</td>
<td>2.00 lbs.</td>
</tr>
<tr>
<td>48253-21</td>
<td>20 ft.</td>
<td>2.15 lbs.</td>
</tr>
</tbody>
</table>

Cam Buckle Strap w/ F Hook & Spring E Fitting. Fixed End: 48-in.  WLL: 800 lbs./360 kg.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>48253-22</td>
<td>12 ft.</td>
<td>2.00 lbs.</td>
</tr>
<tr>
<td>48253-23</td>
<td>16 ft.</td>
<td>2.15 lbs.</td>
</tr>
<tr>
<td>48253-24</td>
<td>20 ft.</td>
<td>2.30 lbs.</td>
</tr>
</tbody>
</table>

Cam Buckle Strap w/ Wire Hooks. Fixed End: 48-in.  WLL: 500 lbs./225 kg.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40602-97</td>
<td>12 ft.</td>
<td>1.50 lbs.</td>
</tr>
<tr>
<td>40602-98</td>
<td>16 ft.</td>
<td>1.65 lbs.</td>
</tr>
<tr>
<td>40602-99</td>
<td>20 ft.</td>
<td>1.80 lbs.</td>
</tr>
</tbody>
</table>

**WARNING:** Interior van straps should be inserted in track behind the front edge of the load and cinched tight.
### RATCHET BUCKLE STRAP ASSEMBLIES


6,000 lb. polyester webbing 47200 and low profile ratchet buckle 44258-13 for durability and wear.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>48672-13</td>
<td>12 ft.</td>
<td>2.25 lbs.</td>
</tr>
<tr>
<td>48672-14</td>
<td>16 ft.</td>
<td>2.40 lbs.</td>
</tr>
<tr>
<td>48672-15</td>
<td>20 ft.</td>
<td>2.55 lbs.</td>
</tr>
</tbody>
</table>

Series E Ratchet Buckle Strap w/ 47608-21 Spring End Fitting


Heavy-duty 12,000 lb. yellow polyester webbing 41632-13 and standard handle ratchet buckle 44627-11 for durability and wear. All yellow straps.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>49021-20</td>
<td>12 ft.</td>
<td>3.50 lbs.</td>
</tr>
<tr>
<td>49021-21</td>
<td>16 ft.</td>
<td>3.75 lbs.</td>
</tr>
<tr>
<td>49021-22</td>
<td>20 ft.</td>
<td>4.00 lbs.</td>
</tr>
</tbody>
</table>

Series E Heavy-Duty Ratchet Buckle Strap w/ 47608-21 Spring End Fitting

#### PLATE TRAILER STRAPS  6,000 lbs. polyester webbing 47200 and low profile ratchet buckle 44258-13. Fixed End: 48-in.

Ratchet Buckle Strap w/ Wire Hook & Spring E Fitting

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>48253-13</td>
<td>12 ft.</td>
<td>2.50 lbs.</td>
</tr>
<tr>
<td>48253-14</td>
<td>16 ft.</td>
<td>2.65 lbs.</td>
</tr>
<tr>
<td>48253-15</td>
<td>20 ft.</td>
<td>2.80 lbs.</td>
</tr>
</tbody>
</table>

Ratchet Buckle Strap w/ F Hook & Spring E Fitting

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>48253-16</td>
<td>12 ft.</td>
<td>2.70 lbs.</td>
</tr>
<tr>
<td>48253-17</td>
<td>16 ft.</td>
<td>2.85 lbs.</td>
</tr>
<tr>
<td>48253-18</td>
<td>20 ft.</td>
<td>3.00 lbs.</td>
</tr>
</tbody>
</table>

Ratchet Buckle Strap w/ Wire Hooks

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>48672-22</td>
<td>12 ft.</td>
<td>2.00 lbs.</td>
</tr>
<tr>
<td>48672-23</td>
<td>16 ft.</td>
<td>2.15 lbs.</td>
</tr>
<tr>
<td>48672-24</td>
<td>20 ft.</td>
<td>2.30 lbs.</td>
</tr>
</tbody>
</table>

#### INTERIOR VAN SOLUTIONS

Interior van straps should be inserted in track behind the front edge of the load and cinched tight.
Ancra custom solutions promise quality and performance.

Designed for your particular application, Ancra custom nets offer retention support for various sized and shaped packages. Using strong 1" or 2" webbing, they’re individually tailored to fit your loading condition, assuring maximum effectiveness in transporting a load securely.

For more information on custom application contact your Ancra Customer Service Representative @ 1-800-929-2627
Whether transporting a load of cars or someone’s pride and joy, you depend on proven quality restraint products. Ancra designs and manufactures auto transport products, strap assemblies, harnesses and hardware to meet your most demanding requirements. We’re committed to offering you the quality you demand.
TIE DOWNS & ACCESSORIES

CAR HAULER RATCHET STRAPS  WLL: 3,333 lbs./1,515 kg. using 41632-46 yellow latex treated polyester webbing and 47105-11 Short Wide Handle Ratchet Buckle. Available with 43120-13 Wire Hooks or 49914-11 Low Profile Swivel J Hooks.

50179-10
2" x 102" Ratchet Strap w/ Wire Hooks

50179-11
2" x 102" Ratchet Strap w/ Low Profile Swivel J Hook

AUTO HAULER WINCH STRAP

48487-24
2" x 140" Winch Strap w/ cleats
The auto tie down strap goes over the tire and utilizes three cleated rubber pads that mesh with the tread to keep the strap centered and secured.

SINGLE CLEAT

48485-10
Rubber tread cleat for Auto Hauler Winch Strap.
Used with 2-inch webbing to secure vehicle tire.
Length: 3.0-in. Width: 2.8-in.
Weight: .20 lbs./.09 kg.

TIE DOWN W/ SNAP HOOKS  Working Load Limit: 1,666 lbs./757 kg. using 41632-13 yellow latex treated polyester webbing, a 47105-11 Short Wide Handle Ratchet Buckle and 40084-14 Snap Hooks.

Angra's tie downs feature yellow latex treated polyester webbing (41632-13) with Ratchet Buckle (47105-11) and Snap Hook (40084-14).

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Strap Length</th>
<th>Weight</th>
<th>Fixed End</th>
</tr>
</thead>
<tbody>
<tr>
<td>49020-20</td>
<td>6 ft.</td>
<td>3.80 lbs./1.73 kg.</td>
<td>6 in.</td>
</tr>
<tr>
<td>49020-21</td>
<td>8 ft.</td>
<td>4.44 lbs./2.02 kg.</td>
<td>8 in.</td>
</tr>
<tr>
<td>49020-22</td>
<td>12 ft.</td>
<td>4.84 lbs./2.20 kg.</td>
<td>12 in.</td>
</tr>
</tbody>
</table>
TIE DOWNS & TRANSIT STRAPS

ANTIQUE & RACE CAR TIE DOWNS

30AS33-BK
2” x 33” Black Axle Strap w/ sleeve. Individually display packaged. WLL: 3,300 lbs./1,498 kg.

500-C8-RD
2” x 8’ Red Ratchet Strap w/ Twisted Snap Hooks. WLL: 3,300 lbs.

DOLLY STRAPS Ancra designs and manufactures a complete line of wheel straps for automobile-towing dollies. Three of the more popular designs are shown here. Call us about your specific requirements.

BASKET STRAP
45143-20
for tires 7”W x 20”H
Weight: 2.25 lbs./1.02 kg.
WLL: 1,666 lbs./755 kg.
45143-22
for tires 8”W x 24”H
Weight: 2.5 lbs./1.14 kg.
WLL: 1,666 lbs./755 kg.

WHEEL DOLLY STRAP
47934-11
2” x 86” with Round Ring
for tires 8”W x 22”H
Weight: 1.0 lbs./.46 kg.
WLL: 900 lbs./410 kg.

WHEEL DOLLY STRAP
47935-11
with S Hooks
for tires 10”W x 24”H
Weight: 1.5 lbs./.64 kg.
WLL: 800 lbs./360 kg.
47935-12
with Spring E Fittings
for tires 10”W x 24” H
Weight: 1.5 lbs./.64 kg.
WLL: 1,300 lbs./590 kg.

SERIES E TRANSIT STRAP W/ RTJ HOOKS

49023-20 6-foot Strap
49023-21 8-foot Strap
49023-22 12-foot Strap
Working Load Limit: 1,000 lbs./454 kg. Fixed End: 14”

Assembled with durable latex treated polyester webbing (41632-13) and Ratchet Buckle (47105-11). Fixed end features a heavy-duty Series E & A Track Fitting (47772-12), and the adjustable end features a Cluster Hook (45515-10) with R, T, and J Hooks.
TIE DOWNS & TRANSIT STRAPS

ADJUSTABLE TIRE BONNETS

30ATB Adjustable Tire Bonnet
for 13" - 17" OEM Tires.
WLL: 3,333 lbs./1,515 kg.

30RT Double Adjustable Tire Bonnet
for 10" - 22" Wide Tires.
WLL: 3,333 lbs./1,515 kg.

LASHING WINCHES

The lashing winch with double hex drive can be bolted or welded to the trailer like a standard winch, yet offers the quick release and easy operation of a ratchet buckle.

47640-31
With double hex drive and three mounting holes.
WLL: 3,333 lbs./1,515 kg.
Weight: 3.8 lbs./1.7 kg.

48496-11
With double hex drive, release latch, and single mounting hole.
WLL: 2,500 lbs./1,135 kg.
Weight: 2.2 lbs./1 kg.
Trust Ancra’s slings for your lifting and rigging needs. Our durable polyester round slings and eye to eye web slings come in a full range of lengths and widths for your application.
GET A LIFT FROM ANCRA’S WEB SLINGS

Flexible and resistant to abrasion, Ancra’s line of durable polyester round slings and polyester twisted eye to eye slings are built for strength and durability. Round slings are color-coded by width from 1” to 7”. Eye to eye web slings are available in 1”, 2”, 3” and 4” web widths in single- and double-ply models. Custom sizes and models may be available. For details, contact Ancra Customer Service Department at 800-929-2627.

ROUND SLINGS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Choker</th>
<th>Vertical</th>
<th>Basket</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-ENR1X3</td>
<td>1” x 3’ Purple Endless Round Sling</td>
<td>2,100</td>
<td>2,600</td>
<td>5,200</td>
</tr>
<tr>
<td>20-ENR1X4</td>
<td>1” x 4’ Purple Endless Round Sling</td>
<td>2,100</td>
<td>2,600</td>
<td>5,200</td>
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<tr>
<td>20-ENR1X6</td>
<td>1” x 6’ Purple Endless Round Sling</td>
<td>2,100</td>
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<td>5,200</td>
</tr>
<tr>
<td>20-ENR1X8</td>
<td>1” x 8’ Purple Endless Round Sling</td>
<td>2,100</td>
<td>2,600</td>
<td>5,200</td>
</tr>
<tr>
<td>20-ENR1X12</td>
<td>1” x 12’ Purple Endless Round Sling</td>
<td>2,100</td>
<td>2,600</td>
<td>5,200</td>
</tr>
<tr>
<td>20-ENR2X3</td>
<td>2” x 3’ Green Endless Round Sling</td>
<td>4,200</td>
<td>5,300</td>
<td>10,600</td>
</tr>
<tr>
<td>20-ENR2X4</td>
<td>2” x 4’ Green Endless Round Sling</td>
<td>4,200</td>
<td>5,300</td>
<td>10,600</td>
</tr>
<tr>
<td>20-ENR2X8</td>
<td>2” x 8’ Green Endless Round Sling</td>
<td>4,200</td>
<td>5,300</td>
<td>10,600</td>
</tr>
<tr>
<td>20-ENR2X12</td>
<td>2” x 12’ Green Endless Round Sling</td>
<td>4,200</td>
<td>5,300</td>
<td>10,600</td>
</tr>
<tr>
<td>20-ENR2X20</td>
<td>2” x 20’ Green Endless Round Sling</td>
<td>4,200</td>
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<td>10,600</td>
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<tr>
<td>20-ENR3X3</td>
<td>3” x 3’ Yellow Endless Round Sling</td>
<td>6,700</td>
<td>8,400</td>
<td>16,800</td>
</tr>
<tr>
<td>20-ENR3X4</td>
<td>3” x 4’ Yellow Endless Round Sling</td>
<td>6,700</td>
<td>8,400</td>
<td>16,800</td>
</tr>
<tr>
<td>20-ENR3X8</td>
<td>3” x 8’ Yellow Endless Round Sling</td>
<td>6,700</td>
<td>8,400</td>
<td>16,800</td>
</tr>
<tr>
<td>20-ENR3X12</td>
<td>3” x 12’ Yellow Endless Round Sling</td>
<td>6,700</td>
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</tr>
<tr>
<td>20-ENR3X20</td>
<td>3” x 20’ Yellow Endless Round Sling</td>
<td>6,700</td>
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<td>16,800</td>
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<tr>
<td>20-ENR4X10</td>
<td>4” x 10’ Tan Endless Round Sling</td>
<td>8,500</td>
<td>10,600</td>
<td>21,200</td>
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<tr>
<td>20-ENR4X16</td>
<td>4” x 16’ Tan Endless Round Sling</td>
<td>8,500</td>
<td>10,600</td>
<td>21,200</td>
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<tr>
<td>20-ENR5X4</td>
<td>5” x 4’ Red Endless Round Sling</td>
<td>10,600</td>
<td>13,200</td>
<td>24,400</td>
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<tr>
<td>20-ENR5X6</td>
<td>5” x 6’ Red Endless Round Sling</td>
<td>10,600</td>
<td>13,200</td>
<td>24,400</td>
</tr>
<tr>
<td>20-ENR5X12</td>
<td>5” x 12’ Red Endless Round Sling</td>
<td>10,600</td>
<td>13,200</td>
<td>24,400</td>
</tr>
<tr>
<td>20-ENR5X20</td>
<td>5” x 20’ Red Endless Round Sling</td>
<td>10,600</td>
<td>13,200</td>
<td>24,400</td>
</tr>
<tr>
<td>20-ENR7X6</td>
<td>7” x 6’ Blue Endless Round Sling</td>
<td>17,000</td>
<td>21,200</td>
<td>42,400</td>
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</table>
## Polyester Twisted Eye to Eye Web Slings

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size</th>
<th>Choker</th>
<th>Vertical</th>
<th>Basket</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-EE1-9801X3</td>
<td>1&quot; x 3'</td>
<td>1,250</td>
<td>1,600</td>
<td>3,200</td>
</tr>
<tr>
<td>20-EE1-9801X4</td>
<td>1&quot; x 4'</td>
<td>1,250</td>
<td>1,600</td>
<td>3,200</td>
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<td>20-EE1-9801X6</td>
<td>1&quot; x 6'</td>
<td>1,250</td>
<td>1,600</td>
<td>3,200</td>
</tr>
<tr>
<td>20-EE1-9801X10</td>
<td>1&quot; x 10'</td>
<td>1,250</td>
<td>1,600</td>
<td>3,200</td>
</tr>
<tr>
<td>20-EE1-9802X3</td>
<td>2&quot; x 3'</td>
<td>2,500</td>
<td>3,200</td>
<td>6,400</td>
</tr>
<tr>
<td>20-EE1-9802X4</td>
<td>2&quot; x 4'</td>
<td>2,500</td>
<td>3,200</td>
<td>6,400</td>
</tr>
<tr>
<td>20-EE1-9802X6</td>
<td>2&quot; x 6'</td>
<td>2,500</td>
<td>3,200</td>
<td>6,400</td>
</tr>
<tr>
<td>20-EE1-9802X10</td>
<td>2&quot; x 10'</td>
<td>2,500</td>
<td>3,200</td>
<td>6,400</td>
</tr>
<tr>
<td>20-EE1-9802X12</td>
<td>2&quot; x 12'</td>
<td>2,500</td>
<td>3,200</td>
<td>6,400</td>
</tr>
<tr>
<td>20-EE1-9802X14</td>
<td>2&quot; x 14'</td>
<td>2,500</td>
<td>3,200</td>
<td>6,400</td>
</tr>
</tbody>
</table>

- Light Weight & Economical
- 9,800 lbs. Polyester Webbing
- Single-Ply & Double-Ply Styles
- Industry Compliant Sewn In Warning Tags
- Reinforced Eyes
- Tapered Eyes on 2", 3", & 4" Widths
Please read and comply with all warnings on labels and packaging. Failure to do so may result in loss of load, serious property damage, and/or personal injury!

DO NOT exceed the rated capacity shown on the package and label attached to the sling. For examples of out-of-service criteria, please see page 74.

For Operating and Inspection Manuals for synthetic Web Slings, see the Web Sling and Tie Down Association Publication WSTDA-WS-2.

For Operating and Inspection Manuals for polyester Round Slings, see the Web Slings and Tie Down Association Publication WSTDA-RS-2.
Ancra offers high quality restraint products for both commercial truckers and consumers. For transporting motorcycles, ATVs, household furnishings or equipment, our utility strap assemblies are made of high strength steel components and durable materials. Look to Ancra for years of trouble free use.
Ancra Utility Tie Downs are versatile and reliable for securing a wide range of light to medium duty cargo. Made of high-strength steel and abrasion-resistant webbing, they’re quick and easy to use for secure performance in recreational, light industrial, and agricultural applications.

### Utility Tie Downs

M**ini Ratchet Strap**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>43887-10</td>
<td>1’ x 16’</td>
<td></td>
<td>1.56 lbs./.71 kg.</td>
<td></td>
</tr>
<tr>
<td>43887-11</td>
<td>1’ x 20’</td>
<td></td>
<td>1.69 lbs./.77 kg.</td>
<td></td>
</tr>
</tbody>
</table>

Ratchet strap with Wire Hooks and floating D-Ring for use together or separately. Fixed End: 23”.
Individually display packaged.

### Ancra Lash with Ratchet Buckle Strap

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>44557-10</td>
<td>15’</td>
<td></td>
<td>.84 lb./.38 kg.</td>
<td></td>
</tr>
</tbody>
</table>

15’ long endless multipurpose Ratchet strap.
WLL: 500 lbs./227 kg.

### Heavy-Duty Ratchet Strap Assembly

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>44340-11</td>
<td>1’ x 10’</td>
<td></td>
<td>1.60 lbs./.73 kg.</td>
<td></td>
</tr>
</tbody>
</table>

1’ x 10’ Ratchet strap with Wire Hooks for multipurpose use.
WLL: 1,000 lbs./454 kg.

### Ancra Red Utility Strap

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>41048-10</td>
<td>1’ x 5.5’</td>
<td></td>
<td>1.60 lbs./.73 kg.</td>
<td></td>
</tr>
<tr>
<td>41048-23</td>
<td>1’ x 13’</td>
<td></td>
<td>1.78 lbs./.81 kg.</td>
<td></td>
</tr>
</tbody>
</table>

1’ x 5.5’ Cam buckle strap with vinyl-coated S Hooks.
Fixed End: 6-in.
WLL: 400 lbs./181 kg.

### Ratcheting Tie Downs

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>49368-10</td>
<td>1’ x 15’</td>
<td>4-pack</td>
<td>4.7 lbs./2.14 kg.</td>
<td></td>
</tr>
</tbody>
</table>

1’ x 15’ Ratchet strap with vinyl-coated S Hooks secures cargo, equipment and household furnishings.
WLL: 266 lbs./121 kg.

### Cam Buckle Tie Downs

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>49368-11</td>
<td>1’ x 6’</td>
<td>4-pack</td>
<td>3.7 lbs./1.69 kg.</td>
<td></td>
</tr>
</tbody>
</table>

1’ x 6’ Cam strap with scratch-resistant vinyl-coated S Hooks. A simple way to secure your possessions.
WLL: 266 lbs./121 kg.

### Ratcheting & Cam Buckle Tie Downs

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>49368-12</td>
<td></td>
<td>Combo Pack</td>
<td>4.2 lbs./1.91 kg.</td>
<td></td>
</tr>
</tbody>
</table>

Contains two each 1’ multipurpose Ratchet and Cam Buckle tie downs with scratch-resistant vinyl coating.
WLL: 266 lbs./121 kg.

### Cam Buckle Tie Downs

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>95001</td>
<td>1’ x 8’</td>
<td>2-pack</td>
<td>1.85 lbs./.84 kg.</td>
<td></td>
</tr>
</tbody>
</table>

1’ Cam strap with vinyl-coated S Hooks. Packaged in an interactive package.
WLL: 400 lbs./180 kg.
**MULTI-PACK CONSUMER TIE DOWNS**

**RATCHETING TIE DOWNS**

**95002** 1” x 10’ 2-pack
1” black Ratchet straps with vinyl-coated S Hooks in an interactive package.
Weight: 2.25 lbs./1.0 kg.
WLL: 550 lbs./250 kg.

**RETRACTABLE RATCHETING TIE DOWNS**

**95003** 1” x 6’ 2-pack
1” black Retractable Ratchet straps with scratch-resistant vinyl-coated S Hooks in an interactive package.
Weight: 3.20 lbs./1.45 kg.
WLL: 500 lbs./227 kg.

**CAM BUCKLE TIE DOWNS**

**95004** 1” x 8’ 4-pack
1” red Cam straps with scratch-resistant vinyl-coated S Hooks in an interactive package.
Weight: 3.8 lbs./1.72 kg.
WLL: 400 lbs./180 kg.

**RATCHETING TIE DOWNS**

**95005** 1” x 10’ 4-pack
1” black Ratchet straps with vinyl-coated S Hooks in an interactive package.
Weight: 4.6 lbs./2.1 kg.
WLL: 550 lbs./250 kg.

**RATCHETING & CAM BUCKLE TIE DOWNS**

**95006** Combo Pack
Contains two each 1” multipurpose 10’ Ratchet straps and 8’ Cam Buckle tie downs. All have scratch-resistant vinyl-coated S Hooks and are in an interactive package.
Weight: 5.20 lbs./1.90 kg.
Ratchet Strap WLL: 550 lbs./250 kg.
Cam Strap WLL: 400 lbs./180 kg.

**RATCHETING TIE DOWNS**

**95007** 1” x 12’ Endless Loop, 2-pack, 1” Ratchet straps in an interactive package.
Weight: 1.75 lbs./.79 kg.
WLL: 550 lbs./250 kg.

**TRACKSTAR MOTORCYCLE WHEELCHOCK**

**49603-10** Quick Connect to aircraft style L track. Fits tire widths from 3.5” to 5.5”. Comes complete with mounting kit.
Weight: 7.0 lbs./3.18 kg.

**TRACKSTAR ACCESSORY MOUNTING KIT**

**49288-10** TrackStar Accessory Mounting Kit (8” L track & hardware) for installation in a second vehicle.
D-Rings and Connectors are spaced to accommodate various heights of loads. Each net comes with six (6) 1-1/4" x 5' long straps with a die cast cam buckle. Each strap has vinyl-coated S hooks with wire keepers to prevent them from disengaging.

Net openings: 6.0"
WLL: 1,200 lbs./540 kg.
We make them tough. Buckles, hooks, rings, track fittings and attachment hardware are made from high-strength steel. Webbing is abrasion-resistant, a trademark of Ancra quality. Standard or custom, these products are the core of Ancra’s first-rate reputation.

- Quality materials and solid steel construction ensures long life
- Positive locking feature on tensioning hardware for security
- Wide assortment of hardware and webbing to suit your application
- Protective coatings for improved corrosion resistance
ANCRA BUCKLE QUALITY –

The standard of the industry, Ancra’s durable buckles are designed with a unique latch and fast release cam that reduces sprocket wear. Our broad line of steel Ratchet, Cam and Overcenter Buckles meets your wide ranging load requirements, offering quick and easy release and secure locking tension. The popular and often copied long, wide-handle ratchet is a classic example of Ancra innovation. Our locking mechanism guards against vibration release, the 1.5-inch longer handle increases leverage by 20%, and the wider frame and latch design allows more hand room for easier operation. What began as innovation, is now the standard of the industry.

RATCHET BUCKLES

Ancra Ratchet Buckles are available in a wide range of models for 1-inch to 4-inch webbing widths. The buckles have a locking latch that engages when the handle is closed and prevents the inadvertent release of tension when under load. The handle cross pin interlocks with the frame, maintaining a low profile design. A removable rear bolt on most models allows for in field conversion or repair.

1-INCH

43320-32
WLL: 1,466 lbs./666 kg.
Weight: .76 lb./.34 kg.

48770-10
Low profile, black powder coat
WLL: 500 lbs./227 kg.
Weight: .50 lb./.22 kg.

1-3/4 INCH

44232-10
WLL: 400 lbs./181 kg.
Weight: .50 lb./.22 kg.

41808-14
1-3/4 in. Hook End
WLL: 2,000 lbs./908 kg.
Weight: 1.65 lbs./.75 kg.
RATCHET BUCKLES

2-INCH

49410-13
Long Wide Handle Torque Limiting. Reduces trailer damage by limiting overzealous tensioning. See page 55.
WLL: 3,666 lbs./1,663 kg.
Weight: 2.7 lbs./1.23 kg.

49715-10
Low Profile Torque Limiting. Reduces trailer damage by limiting overzealous tensioning. See page 55.
WLL: 1,500 lbs./681 kg.
Weight: 1.56 lbs./.71 kg.

44258-13
Low Profile. Nut & bolt packaged separately.
WLL: 1,500 lbs./680 kg.
Weight: 1.30 lbs./.59 kg.

44587-10
Long Wide Handle
WLL: 3,666 lbs./1,666 kg.
Weight: 2.3 lbs./1.05 kg.

44627-11
Standard Handle
WLL: 3,333 lbs./1,515 kg.
Weight: 2.10 lbs./.95 kg.

47105-11
Short Wide Handle
WLL: 3,666 lbs./1,666 kg.
Weight: 2.20 lbs./1.0 kg.

50037-10
Long Wide Handle Web Keeper Ratchet Buckle
WLL: 3,666 lbs./1,666 kg.
Weight: 2.35 lbs./1.07 kg.
RATCHET BUCKLES

3-INCH

48965-10
WLL: 7,333 lbs./3,333 kg.
Weight: 7.0 lbs./3.18 kg.

4-INCH

49349-10
WLL: 8,000 lbs./3,636 kg.
Weight: 8.0 lbs./3.63 kg.

OVERCENTER BUCKLES

Ancra Overcenter Buckles have one-piece steel frame construction. Designed for simple and easy operation. When attached to the strap, the webbing provides a pad between the buckle and the cargo.

1-INCH

42816-18
WLL: 600 lbs./272 kg.
Weight: .15 lb./.06 kg.

1 3/4-INCH

44639-12
WLL: 1,666 lbs./757 kg.
Weight: 1.20 lbs./.54 kg.

47800-10
WLL: 1,666 lbs./757 kg.
Weight: .70 lb./.31 kg.

DID YOU KNOW?

In addition to the trucking industry, Ancra buckles are used in specialty markets that include aircraft, marine, automotive, material handling and military applications. In each case, material specifications have been modified to give optimum performance for their specific use.
CAM BUCKLES

A one-piece frame design lengthens the service life of Ancra Cam Buckles. Quick and easy operation consists of simply pulling the handhold to tension and depressing the cam lever to release.

1-INCH

41030-12
WLL: 166 lbs./75 kg.
Weight: .13 lb./.06 kg.

42195-11
WLL: 500 lbs./227 kg.
Weight: .25 lb./.11 kg.

2-INCH

40880-22
WLL: 600 lbs./272 kg.
Weight: .40 lb./18 kg.

40880-15
WLL: 833 lbs./378 kg.
Weight: .69 lb./.31 kg.

ROLLER BUCKLE

A simple slide bar adjuster buckle for light duty applications.

41645-10  Roller Buckle
WLL: 500 lbs./227 kg.
Weight: .20 lb./10 kg.

3-BAR SLIDE ADJUSTER

This adjuster is designed to be used for adjustment of strap lengths only, not for tensioning.

49834-10  3-Bar Slide Adjuster
WLL: 1,000 lbs./454 kg.
Weight: .30 lb./14 kg.
ATTACHMENT HARDWARE

Ancra hooks, rings and fittings are made to last. With heat treating and corrosion resistant plating or vinyl-coating, this quality line of attachment hardware is strong and durable.

WIRE HOOKS

**40316-12**  
1-inch Narrow Hook  
WLL: 166 lbs./75 kg.  
Weight: .10 lb./.05 kg.

**40024-10**  
1-inch Narrow Hook  
WLL: 1,000 lbs./454 kg.  
Weight: .10 lb./.05 kg.

**43120-19**  
1 3/4-inch Narrow Hook  
WLL: 500 lbs./227 kg.  
Weight: .17 lb./.08 kg.

**43120-11**  
2-inch Narrow Hook  
WLL: 1,666 lbs./757 kg.  
Weight: .39 lb./.18 kg.

**43120-13**  
2-inch Narrow Hook  
WLL: 3,333 lbs./1,575 kg.  
Weight: .62 lb./.28 kg.

**43120-20**  
3-inch Narrow Hook  
WLL: 7,333 lbs./3,333 kg.  
Weight: 1.39 lbs./.63 kg.

**40024-12**  
2-inch Narrow Hook  
WLL: 833 lbs./378 kg.  
Weight: .10 lb./.05 kg.

**40023-12**  
2-inch Wide Hook  
WLL: 833 lbs./378 kg.  
Weight: .12 lb./.06 kg.

**41313-13**  
1-inch Vinyl S Hook  
WLL: 400 lbs./181 kg.  
Weight: .29 lb./.13 kg.

**41313-12**  
Zinc-plated S Hook  
WLL: 400 lbs./181 kg.  
Weight: .28 lbs./.13 kg.

**41313-19**  
1-inch Vinyl S Hook Heat Treated  
WLL: 600 lbs./272 kg.  
Weight: .30 lb./.14 kg.

**45228-10**  
Rave Hook  
WLL: 1,167 lb./530 kg.  
Weight: .29 lb./.13 kg.
# Attachment Hardware

## Flat Hooks

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>WLL (lbs)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>43546-10</td>
<td>1-inch Gutter Hook</td>
<td>250</td>
<td>.05</td>
</tr>
<tr>
<td>40065-10</td>
<td>1-inch Flated Flat Hook</td>
<td>333</td>
<td>.02</td>
</tr>
<tr>
<td>40065-12</td>
<td>1-inch Vinyl Flat Hook</td>
<td>333</td>
<td>.05</td>
</tr>
<tr>
<td>40044-10</td>
<td>1-inch Flat Hook with Keeper</td>
<td>1,166</td>
<td>.68</td>
</tr>
<tr>
<td>40891-18</td>
<td>2-inch Flat Hook</td>
<td>3,333</td>
<td>.68</td>
</tr>
<tr>
<td>40891-19</td>
<td>3-inch Flat Hook with Keeper</td>
<td>5,400</td>
<td>1.03</td>
</tr>
<tr>
<td>43099-10</td>
<td>2-inch Flat Hook</td>
<td>1,666</td>
<td>.40</td>
</tr>
<tr>
<td>48968-11</td>
<td>2-inch Container Hook</td>
<td>5,400</td>
<td>2.00</td>
</tr>
<tr>
<td>49770-10</td>
<td>4-inch Heavy-Duty Waste Hook</td>
<td>5,400</td>
<td>5.0</td>
</tr>
</tbody>
</table>
# ATTACHMENT HARDWARE

## SNAP HOOKS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>43044-10</td>
<td>1-inch Snap Hook</td>
<td>.20 lb./.09 kg</td>
<td>1,666 lbs./757 kg</td>
</tr>
<tr>
<td>40084-14</td>
<td>2-inch Snap Hook</td>
<td>.34 lb./.15 kg</td>
<td>2,766 lbs./1,255 kg</td>
</tr>
<tr>
<td>40758-11</td>
<td>2-inch Snap Hook w/ Satin Black Finish. Twisted Version</td>
<td>.59 lb./.27 kg</td>
<td>3,333 lbs./1,515 kg</td>
</tr>
<tr>
<td>40758-13</td>
<td>2-inch Snap Hook w/ Satin Black Finish</td>
<td>.59 lb./.27 kg</td>
<td>3,333 lbs./1,515 kg</td>
</tr>
</tbody>
</table>

## RINGS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Weight</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>47944-10</td>
<td>Round Ring</td>
<td>.25 lbs./.11 kg</td>
<td>900 lbs./409 kg</td>
</tr>
<tr>
<td>40025-10</td>
<td>1-inch D-Ring</td>
<td>.05 lb./.02 kg</td>
<td>1,666 lbs./757 kg</td>
</tr>
<tr>
<td>40025-12</td>
<td>2-inch D-Ring</td>
<td>.09 lb./.04 kg</td>
<td>1,666 lbs./757 kg</td>
</tr>
<tr>
<td>40978-11</td>
<td>2-inch Delta Ring</td>
<td>.28 lb./.13 kg</td>
<td>3,333 lbs./1,515 kg</td>
</tr>
<tr>
<td>41631-12</td>
<td>4-inch Delta Ring</td>
<td>1.30 lbs./.59 kg</td>
<td>6,666 lbs./3,030 kg</td>
</tr>
</tbody>
</table>

## PRODUCT FEATURES

- ANCRA'S RUST-RESISTANT, HIGH QUALITY ATTACHMENT HARDWARE IS MADE TO LAST.
- OUR PRODUCTS AND COMPONENTS ARE FULLY TESTED TO MEET OUR EXACTING STANDARDS.
ATTACHMENT HARDWARE

BOLT PLATES

49917-10  1", 45 degree
Heat treated, Zinc Plated Gold Chromate Finish.
WLL: 1,000 lbs./450 kg.
Weight: .10 lbs./.05 kg.

49917-11  1", Flat
Heat treated, Zinc Plated Gold Chromate Finish.
WLL: 1,000 lbs./450 kg.
Weight: .10 lbs./.05 kg.

48904-10  2", 30 degree
Heat treated, Zinc Plated Clear Chromate Finish.
WLL: 1,000 lbs./450 kg.
Weight: .14 lbs./.07 kg.

49968-10  2", 45 degree
Heat treated, Chrome Plated Finish.
WLL: 1,000 lbs./450 kg.
Weight: .10 lbs./.05 kg.

OUR COMMITMENT TO QUALITY IS NEVER ENDING

All Ancra products and components are fully tested to meet our exacting standards.
ATTACHMENT HARDWARE

Designated to fit securely into Ancra Track, sturdy Ancra Track Fittings are easy to use and long wearing.

**TRACK FITTINGS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>WLL (lbs/kg)</th>
<th>Weight (lbs/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42012-12</td>
<td>Series F Heavy-Duty Track Hook</td>
<td>800/363</td>
<td>.20/0.09</td>
</tr>
<tr>
<td>41325-10</td>
<td>Slat Hook. For use with Attachment Rails (Wooden Slats).</td>
<td>1000/454</td>
<td>.23/0.10</td>
</tr>
<tr>
<td>40980-11</td>
<td>Series F Track Fitting</td>
<td>500/225</td>
<td>.60/0.27</td>
</tr>
<tr>
<td>40980-13</td>
<td>For 1” hole diameter track (Canada).</td>
<td>500/225</td>
<td>.60/0.27</td>
</tr>
<tr>
<td>41409-13</td>
<td>Series E &amp; A 3-Piece Track Fitting</td>
<td>1000/454</td>
<td>.20/0.09</td>
</tr>
<tr>
<td>47608-21</td>
<td>Series E &amp; A Track Spring Fitting</td>
<td>1333/605 (12-ga.) 1500/680 (11-ga.)</td>
<td>.22/0.10</td>
</tr>
<tr>
<td>50115-10</td>
<td>Heavy-Duty Series E and A Track Fitting w/ Round Ring. Heat treated.</td>
<td>2000/900</td>
<td>.40/0.18</td>
</tr>
<tr>
<td>50115-11</td>
<td>Heavy-Duty Series E and A Track Fitting w/ D-Ring. Heat treated.</td>
<td>2000/900</td>
<td>.40/0.18</td>
</tr>
</tbody>
</table>
ATTACHMENT HARDWARE

TRACK FITTINGS

49542-10
Series E & A Fitting w/ D-Ring
WLL: 1,000 lbs./454 kg.
Weight: .32 lb./.15 kg.

47772-12
Series E & A Track Fitting
WLL: 1,000 lbs./454 kg.
Weight: .45 lb./.20 kg.

49914-10
Swivel J Idler Hook
Heat treated w/ gold zinc finish.
WLL: 3,333 lbs./1,515 kg.
Weight: 1.12 lbs./.51 kg.

49914-11
Low Profile Swivel J Idler Hook
Heat treated w/ gold zinc finish
WLL: 3,333 lbs./1,515 kg.
Weight: .98 lb./.44 kg.

CHAIN ATTACHMENTS

43366-21
Chain Anchor with Delta Ring for 2" Strap Assemblies. 5/16", G43 Chain and Grab Hook, gold zinc plated.
WLL: 3,330 lbs./1,510 kg.
Weight: 2.55 lbs./1.16 kg.

43366-14
Chain Anchor with Delta Ring for 3" & 4" Strap Assemblies. 3/8", G43 Chain and 3/8" G70 Grab Hook, gold zinc plated.
WLL: 5,400 lbs./2,450 kg.
Weight: 3.4 lbs./1.54 kg.
ATTACHMENT HARDWARE

Forged from high strength alloy steel, Ancra clevis hooks are made for Grade 70 chain. Sized from 1/4” to 1/2”, the chain hooks are strength tested and heat treated for safety and durability. Meets Department of Transportation requirements.

Forged steel hook, Zinc Plated Gold Chromate finish. Individually polybagged.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>WLL</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>45946-12</td>
<td>1/4-in. Clevis Hook</td>
<td>3,150 lbs./1,430 kg</td>
<td>.40 lbs./.18 kg</td>
</tr>
<tr>
<td>45946-10</td>
<td>5/16-in. Clevis Hook</td>
<td>4,700 lbs./2,130 kg</td>
<td>.85 lbs./.39 kg</td>
</tr>
<tr>
<td>45946-11</td>
<td>3/8-in. Clevis Hook</td>
<td>6,600 lbs./2,990 kg</td>
<td>1.10 lbs./.5 kg</td>
</tr>
<tr>
<td>45946-13</td>
<td>1/2-in. Clevis Hook</td>
<td>11,300 lbs./5,130 kg</td>
<td>2.10 lbs./1.04 kg</td>
</tr>
</tbody>
</table>

**DIMENSION TABLE**

<table>
<thead>
<tr>
<th>Code</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>45946-12</td>
<td>2.00</td>
<td>.40</td>
<td>.38</td>
<td>.36</td>
</tr>
<tr>
<td>45946-10</td>
<td>2.30</td>
<td>.43</td>
<td>.38</td>
<td>.38</td>
</tr>
<tr>
<td>45946-11</td>
<td>2.70</td>
<td>.50</td>
<td>.48</td>
<td>.44</td>
</tr>
<tr>
<td>45946-13</td>
<td>3.20</td>
<td>.66</td>
<td>.63</td>
<td>.75</td>
</tr>
</tbody>
</table>

**Grade 70 Clevis Hooks with Keeper**

Forged steel hook with Keeper, Zinc Plated Gold Chromate finish. Individually polybagged, 30 per box.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>WLL</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50091-31</td>
<td>5/16-in. Clevis Hook w/ Keeper</td>
<td>4,700 lbs./2,130 kg</td>
<td>.9 lbs./.41 kg</td>
</tr>
<tr>
<td>50091-38</td>
<td>3/8-in. Clevis Hook w/ Keeper</td>
<td>6,600 lbs./2,990 kg</td>
<td>1.3 lbs./.59 kg</td>
</tr>
<tr>
<td>50091-50</td>
<td>1/2-in. Clevis Hook w/ Keeper</td>
<td>11,300 lbs./5,130 kg</td>
<td>2.2 lbs./1.00 kg</td>
</tr>
</tbody>
</table>

**DIMENSION TABLE**

<table>
<thead>
<tr>
<th>Code</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>50091-31</td>
<td>2.3</td>
<td>.43</td>
<td>.38</td>
<td>.42</td>
</tr>
<tr>
<td>50091-38</td>
<td>2.7</td>
<td>.56</td>
<td>.48</td>
<td>.48</td>
</tr>
<tr>
<td>50091-50</td>
<td>3.0</td>
<td>.61</td>
<td>.63</td>
<td>.57</td>
</tr>
</tbody>
</table>

**T HOOK**

RTJ Cluster Hook
WLL: 3,900 lbs./1,770 kg.
Weight: 2.65 lbs./1.20 kg.

**J HOOK**

(RM, Chrysler)

**R HOOK**

(Ford)

**45515-10**

5/16-in. Clevis Hook
WLL: 4,700 lbs./2,130 kg.
Weight: .9 lbs./.41 kg.

**43365-12**

Grab Hook Assembly
Heat Treated, Gold Zinc plated finish.
WLL: 5,400 lbs./2,450 kg.
Weight: 1.60 lbs./.73 kg.
CHAIN HARDWARE

We offer a wide selection of chain hardware for popular applications — from anchor shackles with screw pins and clevis pin models to Quick Links in various sizes. Corrosion resistant, gold zinc plated Grade 70 Twin Clevis and Slip Hooks come in a wide range of sizes, with and without safety latches. All are individually packaged.

**Screw Pin Anchor Shackle** — Galvanized and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50013-31</td>
<td>5/16-in.</td>
<td>.18 lbs./.08 kg.</td>
<td>1,500 lbs./681 kg.</td>
</tr>
<tr>
<td>50013-38</td>
<td>3/8-in.</td>
<td>.30 lbs./.14 kg.</td>
<td>2,000 lbs./900 kg.</td>
</tr>
<tr>
<td>50013-44</td>
<td>7/16-in.</td>
<td>.49 lbs./.22 kg.</td>
<td>3,000 lbs./1,362 kg.</td>
</tr>
<tr>
<td>50013-50</td>
<td>1/2-in.</td>
<td>.74 lbs./.34 kg.</td>
<td>4,000 lbs./1,816 kg.</td>
</tr>
<tr>
<td>50013-63</td>
<td>5/8-in.</td>
<td>1.44 lbs./.65 kg.</td>
<td>6,500 lbs./2,951 kg.</td>
</tr>
<tr>
<td>50013-75</td>
<td>3/4-in.</td>
<td>2.16 lbs./.98 kg.</td>
<td>9,500 lbs./4,313 kg.</td>
</tr>
</tbody>
</table>

**Clevis Pin Anchor Shackle** — Galvanized and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50014-50</td>
<td>1/2-in.</td>
<td>.74 lbs./.34 kg.</td>
<td>4,000 lbs./1,816 kg.</td>
</tr>
<tr>
<td>50014-63</td>
<td>5/8-in.</td>
<td>1.44 lbs./.65 kg.</td>
<td>6,500 lbs./2,951 kg.</td>
</tr>
</tbody>
</table>

**Quick Links** — Zinc Plated Clear Chromate finish and individually polybagged

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50016-25</td>
<td>1/4-in.</td>
<td>.062 lbs./.028 kg.</td>
<td>880 lbs./399 kg.</td>
</tr>
<tr>
<td>50016-31</td>
<td>5/16-in.</td>
<td>.154 lbs./.07 kg.</td>
<td>1,760 lbs./799 kg.</td>
</tr>
<tr>
<td>50016-38</td>
<td>3/8-in.</td>
<td>.198 lbs./.09 lbs.</td>
<td>2,200 lbs./998 kg.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50016-25</td>
<td>.235</td>
<td>1.85</td>
<td>2.31</td>
</tr>
<tr>
<td>50016-31</td>
<td>.313</td>
<td>2.32</td>
<td>2.95</td>
</tr>
<tr>
<td>50016-38</td>
<td>.350</td>
<td>2.54</td>
<td>3.22</td>
</tr>
</tbody>
</table>
### Chain Hardware

**Twin Clevis G70**
— Forged steel with Zinc Plated Gold Chromate finish and individually polybagged.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50017-10</td>
<td>1/4-in. – 5/16-in.</td>
<td>.30 lbs./.14 kg.</td>
<td>4,700 lbs./2,130 kg.</td>
</tr>
<tr>
<td>50017-11</td>
<td>3/8-in.</td>
<td>.40 lbs./.18 kg.</td>
<td>6,600 lbs./2,990 kg.</td>
</tr>
<tr>
<td>50017-12</td>
<td>7/16-in – 1/2-in.</td>
<td>.98 lbs./.44 kg.</td>
<td>11,300 lbs./5,130 kg.</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>50017-10</td>
<td>.38</td>
<td>1.18</td>
<td>.43</td>
</tr>
<tr>
<td>50017-11</td>
<td>.47</td>
<td>1.34</td>
<td>.48</td>
</tr>
<tr>
<td>50017-12</td>
<td>.56</td>
<td>1.75</td>
<td>.63</td>
</tr>
</tbody>
</table>

**Slip Hooks G70 without Safety Latch**
— Forged steel with Zinc Plated Gold Chromate finish and individually polybagged.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50019-10</td>
<td>1/4-in.</td>
<td>.44 lbs./.20 kg.</td>
<td>3,150 lbs./1,430 kg.</td>
</tr>
<tr>
<td>50019-11</td>
<td>5/16-in.</td>
<td>.75 lbs./.34 kg.</td>
<td>4,700 lbs./2,130 kg.</td>
</tr>
<tr>
<td>50019-12</td>
<td>3/8-in.</td>
<td>1.13 lbs./.51 kg.</td>
<td>6,600 lbs./2,990 kg.</td>
</tr>
<tr>
<td>50019-13</td>
<td>1/2-in.</td>
<td>2.75 lbs./1.25 kg.</td>
<td>11,300 lbs./5,130 kg.</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>50019-10</td>
<td>.94</td>
<td>.44</td>
<td>.38</td>
</tr>
<tr>
<td>50019-11</td>
<td>1.06</td>
<td>.41</td>
<td>.44</td>
</tr>
<tr>
<td>50019-12</td>
<td>1.31</td>
<td>.59</td>
<td>.47</td>
</tr>
<tr>
<td>50019-13</td>
<td>1.75</td>
<td>.75</td>
<td>.63</td>
</tr>
</tbody>
</table>

**Slip Hooks G70 with Safety Latch**
— Forged steel with Zinc Plated Gold Chromate finish and individually polybagged.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>WLL</th>
</tr>
</thead>
<tbody>
<tr>
<td>50019-20</td>
<td>1/4-in.</td>
<td>.59 lbs./.27 kg.</td>
<td>3,150 lbs./1,430 kg.</td>
</tr>
<tr>
<td>50019-21</td>
<td>5/16-in.</td>
<td>.92 lbs./.42 kg.</td>
<td>4,700 lbs./2,130 kg.</td>
</tr>
<tr>
<td>50019-22</td>
<td>3/8-in.</td>
<td>1.32 lbs./.60 kg.</td>
<td>6,600 lbs./2,990 kg.</td>
</tr>
<tr>
<td>50019-23</td>
<td>1/2-in.</td>
<td>2.90 lbs./1.32 kg.</td>
<td>11,300 lbs./5,130 kg.</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>50019-20</td>
<td>.94</td>
<td>.44</td>
<td>.38</td>
</tr>
<tr>
<td>50019-21</td>
<td>1.06</td>
<td>.41</td>
<td>.44</td>
</tr>
<tr>
<td>50019-22</td>
<td>1.31</td>
<td>.59</td>
<td>.47</td>
</tr>
<tr>
<td>50019-23</td>
<td>1.75</td>
<td>.75</td>
<td>.63</td>
</tr>
</tbody>
</table>
Along with exceptional quality, Ancra’s broad line of webbing gives you a range of choices to match your application. Custom made according to our strict specifications, Ancra webbing is treated for extra strength and durability, offering additional flexibility and ease of use.

### Webbing Characteristics

Nylon’s elongation characteristics make it suitable for slings and tow straps, but less desirable for heavy-duty tie downs. It displays good UV, abrasion, alkaline resistance and color fast properties. Polyester is well suited for webbing because of its low cost, high-strength, and resistance to abrasion. It also withstands acid environments and resists elongation in high moisture applications. Its durability and abrasion resistance can be increased even further with coatings of latex or other materials. Call Customer Service Department at 800-929-2627 for specific details and color availability.

### Webbing Table

<table>
<thead>
<tr>
<th>Width in./mm.</th>
<th>Breaking Strength Capacity</th>
<th>Type</th>
<th>Standard Color</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.00 50</td>
<td>6,000 lbs. 2,727 kg.</td>
<td>Polyester Yellow</td>
<td>47200-61-BULK-CUT</td>
<td></td>
</tr>
<tr>
<td>2.00 50</td>
<td>6,000 lbs. 2,727 kg.</td>
<td>Polyester Gray</td>
<td>47200-60-BULK-CUT</td>
<td></td>
</tr>
<tr>
<td>2.00 50</td>
<td>6,000 lbs. 2,727 kg.</td>
<td>Polyester Blue Red</td>
<td>47200-62-BULK-CUT 47200-64-BULK-CUT</td>
<td></td>
</tr>
<tr>
<td>2.00 50</td>
<td>12,000 lbs. 5,454 kg.</td>
<td>Polyester, Latex Treated</td>
<td>Blue Yellow Red</td>
<td>41632-26-BULK-CUT 41632-31-BULK-CUT 41632-19-BULK-CUT</td>
</tr>
<tr>
<td>3.00 75</td>
<td>18,000 lbs. 8,181 kg.</td>
<td>Polyester, Latex Treated</td>
<td>Yellow Blue</td>
<td>41632-17-BULK-CUT 41632-24-BULK-CUT</td>
</tr>
<tr>
<td>4.00 100</td>
<td>20,000 lbs. 9,090 kg.</td>
<td>Polyester, Latex Treated</td>
<td>Gray Blue</td>
<td>43797-18-BULK-CUT 43797-19-BULK-CUT 43797-23-BULK-CUT 43797-36-RL 43797-34-BULK-CUT</td>
</tr>
</tbody>
</table>

Webbing will have a longer life if stored in a dry, dark location. Continuous exposure to ultra-violet light can degrade the strength of synthetic webbing.
SPECIALTY PRODUCTS

AIRCRAFT STYLE SEAT / LOGISTIC TRACK

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40467-33-144</td>
<td>12’ long. Weight: 7.0 lbs./3.2 kg.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HEAVY-DUTY BEVELED AIRCRAFT STYLE TRACK

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50193-30-72.00</td>
<td>72” long. Weight: 4.30 lbs./1.95 kg.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SINGLE STUD TRACK FITTING

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Diam.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40340-27</td>
<td>Aluminum Retainer</td>
<td>.12</td>
<td>.10 lb./.04 kg.</td>
</tr>
<tr>
<td></td>
<td>WLL: 1,333 lbs./605 kg.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vertical.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DOUBLE STUD TRACK FITTING WITH ROUND RING

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Diam.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>47556-11</td>
<td>WLL: 1,666 lbs./757 kg.</td>
<td>.78</td>
<td>.35 lb./.16 kg.</td>
</tr>
</tbody>
</table>

*Load rating varies with the angle of pull.


Dedicated to You

Ancra designs and manufactures a full spectrum of restraints and hardware to meet your wide ranging needs. Our specialty items represent our ongoing mission to provide the right solutions for a changing industry. If you can’t find a specific product in this catalog, or if you have a particular requirement that calls for a unique solution, give us a call. Our customization capabilities can be your assurance that you have Ancra quality for all your cargo restraint applications.
12 & 20 TON BOTTLE JACKS

**49880-12**
12 Ton Bottle Jack w/ 3-Pc. Handle
Weight: 16.7 lb./7.58 kg.
- 24,000 lb./10,900 kg. rated capacity
- Compact 7.5-inch height
- Lifts 4.1 inches
- Adjustable to screw height of 2.6 inches
- Extends to 14 inches
- Complies with ASME PALD-2005 standard

**49880-20**
20 Ton Bottle Jack w/ 3-Pc. Handle
Weight: 24.9 lb./11.30 kg.
- 40,000 lb./18,180 kg. rated capacity
- Compact 7.5-inch height
- Lifts 3.9 inches
- Adjustable screw height of 2.6 inches
- Extends to 14 inches
- Complies with ASME PALD-2005 standard

**TRUCKER TIP**

THE BASE OF THE JACK SHOULD BE FULLY SUPPORTED AND AS LEVEL AS POSSIBLE. **DO NOT TRY TO LIFT A LOAD MORE THAN THE RATED STROKE. REMEMBER: DO NOT GO UNDER A LOAD SUPPORTED BY A JACK. AFTER THE LOAD HAS BEEN RAISED, IT SHOULD BE BLOCKED.**
### MERCHANDISING AIDS

Contact our Customer Service Department to obtain.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BANNERS</strong></td>
<td>INDOOR BANNER, 4’ x 18” w/ 4 grommets</td>
</tr>
<tr>
<td><strong>OUTDOOR BANNER</strong></td>
<td>OUTDOOR BANNER, 6’ x 3’ w/ 4 grommets</td>
</tr>
<tr>
<td><strong>SOLD HERE STICKER</strong></td>
<td>SOLD HERE WINDOW STICKER, 5” x 9-1/2”</td>
</tr>
<tr>
<td><strong>FLOOR STICKERS</strong></td>
<td>TIE DOWN ZONE FLOOR GRAPHICS, 11” x 17”</td>
</tr>
<tr>
<td><strong>CATALOG-220-LAM</strong></td>
<td>CATALOG 220 LAMINATED</td>
</tr>
<tr>
<td>49458-10</td>
<td>CARGO BAR DISPLAY</td>
</tr>
<tr>
<td>49714-10</td>
<td>PORTA WINCH / PORTA ANCHOR IN STORE DISPLAY</td>
</tr>
<tr>
<td><strong>WALL CHART</strong></td>
<td>CARGO CONTROL WALL CHART - 18” x 24”</td>
</tr>
<tr>
<td><strong>ERGO_BAR_CC</strong></td>
<td>ERGO BAR COUNTER CARD, 8-1/2” x 11”</td>
</tr>
<tr>
<td><strong>X-TREME_CC</strong></td>
<td>X-TREME PRODUCT COUNTER CARD, 8-1/2” x 11”</td>
</tr>
<tr>
<td><strong>PRODUCT_CC</strong></td>
<td>CARGO CONTROL COUNTER CARD, 8-1/2” x 11”</td>
</tr>
<tr>
<td><strong>GOLDLINE_CC</strong></td>
<td>GOLDLINE TARP TIES COUNTER CARD, 8-1/2” x 11”</td>
</tr>
<tr>
<td><strong>LAD TRAINING_DVD</strong></td>
<td>LIFT A DECK II TRAINING VIDEO (DVD)</td>
</tr>
<tr>
<td><strong>LAD_SALES_DVD</strong></td>
<td>LIFT A DECK II SALES VIDEO (DVD)</td>
</tr>
<tr>
<td><strong>GLIDELOCK_DVD</strong></td>
<td>GLIDELOCK VIDEO (DVD)</td>
</tr>
</tbody>
</table>
Ancra’s cargo restraint products are backed by outstanding service:

Customer Assistance:
• Bar coding on standard products
• Technical training manuals
• CD ROM marketing material assistance
• Point of purchase selling aids

Engineering and Technical Services:
• Product development
• Design and drawing check – 3D solids
• Product testing and evaluation

Quality Assurance:
• Product inspection
• Vendor qualifications
• Internal and supplier audits
• Product and lot testing
SPECIFICATIONS

**Working Load Limit (WLL)**
The maximum load a component or assembly should be subjected to during routine use.

**Rated Load Capacity**
Ratings are generally established and/or regulated by industry or legislative standards and may vary from industry to industry. The working load limit rating (WLL) is established by Federal DOT Standards at 1/3 of the Breaking Strength of the assembly.

Note: All strengths referenced in this brochure unless noted, are based on a straight pull application.

**IMPORTANT NOTE:**
It is the owner’s and user’s responsibility to determine suitability of a product for any particular use. Check all applicable industry, trade association, federal, state and local regulations. Read all operating instructions and warnings carefully.

All ratings shown in this catalog are based on the product being new, and used in normal environmental conditions. Special consideration must be given to item selection when unusual conditions can be expected. Particular caution should be exercised to avoid exposing the product to sharp edges, acids, alkalis and temperatures above 194°F.

Products are subjected to age, wear, and deterioration, all of which cause a reduction in the product’s working load limit. We recommend that all products be regularly inspected. Any worn, deformed, misused or overloaded products should be replaced.

CAUTION! The component with the lowest working load capacity in the entire restraint system will determine its strength. Each component of the entire system plays an important part in restraining cargo. It is important that tie downs be attached to anchorage that are of sufficient strength to properly secure the load. For example, if one anchors a standard web binder assembly with a rated WLL of 5,000 lbs. to a device with a WLL of 1,000 lbs., then that system is only as good as the anchorage and would be limited to a 1,000 lbs. capacity WLL.

The purpose of this catalog is to assist our customers in the selection of cargo restraint products suitable for their specific applications. Because we continuously strive to offer new and improved products, part numbers and specifications are subject to change without notice. Please contact your Ancra Representative or our Customer Service Department for any new information.

**WARRANTY**

All Ancra International LLC products, unless otherwise indicated are warranted to be free from defect in material or workmanship for a period of six (6) months from date of shipment. During this period, Ancra International LLC will, at its option repair or replace without charge any products or part thereof found to be defective in material or workmanship. This warranty does not extend to any product which has been subject to misuse, abuse, negligence, accident, alteration or repair.

All Ancra International LLC SilverCap OverDrive product, unless otherwise indicated are warranted to be free from defect in material or workmanship for a period of twelve (12) months from date of shipment. During this period, Ancra International LLC will, at its option repair or replace without charge any product or part thereof found to be defective in material or workmanship. This warranty does not extend to any product which has been subject to misuse, abuse, negligence, accident, alteration or repair.

Ancra International LLC LAD II & or RAR systems, unless otherwise indicated are warranted to be free from defect in material or workmanship for a period of twenty (24) months from date of shipment. During this period, Ancra International LLC will, at its option repair or replace without charge any product or part thereof found to be defective in material or workmanship. This warranty does not extend to any product which has been subject to misuse, abuse, negligence, accident, alteration or repair.

Defective products must be returned to Ancra International LLC within the above period, transportation prepaid. Ancra will bear the cost of return transportation. Contact Customer Service for details.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT WILL ANCRA INTERNATIONAL LLC BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR LOSS OF VEHICLE, CARGO OR PROFITS.
Ancra has provided the following information as a service to our customers. This information is intended to promote the safe and informed sales and use of our products.

All cargo restraints, including synthetic web tie downs shall be used in accordance with all state, federal, provincial, local and industry regulations, as applicable.

U.S. Department of Transportation regulations subchapter B-Motor Carrier Safety Regulations, 49 CFR, Part 393, Paragraph 393.102(b) requires that: “The aggregate working load limit of the tie down assemblies used to secure an article against movement in any direction must be at least 1 1/2 times the weight of that article.”

It is the owner’s and user’s responsibility to determine suitability of a product for any particular use. All strap assemblies or systems are as strong as their weakest component, including the point of attachment.

An example using this regulation follows:

- Determine the number of synthetic web tie downs required when using the working load limit (WLL) value marked on the synthetic web tie down assembly.
- Weight of article being secured is 24,000 LB (10,910 KG).
- Working load limit of the 3-inch synthetic web tie down is 4,000 LB (1,820 KG) as marked on the label.
- Required aggregate WLL = 1/2 x 24,000 LB (Article Weight) = 12,000 LB (5,455 KG)
- Minimum number of tie downs
  - 12,000 LB / 4,000 LB (WLL of tie down) = 3 tie downs

In this example, a minimum of 3 synthetic web tie downs are required to secure the article, based only on the weight of the article.

Some factors to be considered when determining the number and location of synthetic web tie downs, as specified by applicable regulations are:

- Article weight
- Configuration of load to be secured (pipe, coil, equipment, stacking, etc.)
- Number of tiers
- Length of load to be secured
- WLL of synthetic web tie downs
- Stakes, blocking and bracing
- Tension in the synthetic tie down shall never exceed the WLL strength rating of anchorage.
- Any other factors that may affect safe securement of the load during normal and emergency conditions.

Operating Guidelines
This section provides recommended guidelines for the use, care, and inspection of synthetic web tie downs.

Use
- Inspect tie downs before each use, see Out-Of-Service Criteria.
- Synthetic web tie down assemblies shall not be loaded in excess of their Working Load Limit (WLL).

- Synthetic web tie downs shall be attached to provide control of load and positioned in accordance with applicable regulations.
- Synthetic web tie down assemblies shall not be dragged on floor, ground, or over an abrasive surface.
- Synthetic web tie downs shall not be tied in knots, or joined by knotting.
- Synthetic web tie downs shall not be pulled from under loads if the load is resting on the tie down.
- Synthetic web tie downs shall always be protected from being cut by sharp corners, sharp edges, protrusions or abrasive surfaces.
- The opening in fittings shall have the required shape and size to insure that the fitting will sit properly in the vehicle anchorage or other attachments. If the anchorage is inadequate to support the rating of the synthetic web tie down assembly, then the load rating will be limited to the strength of the anchorage.
- Synthetic web tie downs shall not be used for lifting or towing. This includes raising, lowering and suspending.
- Before operating any tie down assembly, the user shall secure his footing to prevent slipping or falling.
- In freezing temperatures caution shall be exercised when operating frozen tie down assemblies.
- A minimum of two (2) wraps of webbing shall be on the winch or ratchet buckle mandrel. Caution: Excessive wraps of webbing on the mandrel will reduce the working load limit of the winch or ratchet buckle.

When tightening or loosening winches, always maintain a firm grip on the winch bar. Never release a winch bar without checking the pawl to ensure that it is fully engaged between ratchet teeth. Releasing a winch bar without the pawl being properly engaged can cause serious injury to the user or bystanders. The use of a slip resistant handle winch bar specifically designed to tighten or loosen winches is recommended. Only winch bars designed to be used with winches shall be used to tension and release the tie down.

“Cheater Bars” (“extenders”) shall not be used with winch bars.

The user shall stand clear (to one side) of the winch bar handle during operation, in case the winch bar slips. The tip of the winch bar shall be inserted through both holes in the end cap to prevent the winch bar from “slipping out” and overloading the tip and or end cap.

Synthetic web tie downs shall be used, checked and adjusted during the transportation of cargo per applicable federal, state, provincial, local and industry regulations.

Care
Environments in which synthetic web tie downs are continuously exposed to ultra-violet sunlight can affect the strength in varying degrees, ranging from slight to total degradation.
- Store in a clean, dry location out of direct sunlight.
- Avoid exposure to acids, alkalis or temperatures in excess of 194°F.

Inspection
Inspect equipment before each use. Do not use synthetic web tie downs that have excessive wear, cuts, abrasion or which have any other defect that should cause it to be pulled from service.
GENERAL INFORMATION

INDUSTRY STANDARDS

IT IS ULTIMATELY THE DRIVER’S RESPONSIBILITY TO insure that the cargo being hauled is properly secured. The U.S. Department of Transportation, Federal Motor Carrier Safety Administration regulation 49CFR Part 392.9(a) states: “A driver may not operate a commercial motor vehicle, and a motor carrier may not require or permit a driver to operate a commercial motor vehicle unless the commercial motor vehicle’s cargo is properly distributed and adequately secured as specified in sections 393.100 through 393.142 of this subchapter.” In addition, 49CFR Part 392.9(b) states: “Drivers of truck and truck tractors . . . must assure himself/herself that the provisions of paragraph (a) of this section have been complied with before he/she drives that commercial motor vehicle; inspect the cargo and the devices used to secure the cargo within the first 50 miles after beginning a trip and cause any adjustments to be made to the cargo or load securement devices as necessary, including adding more securement devices, to ensure that cargo cannot shift on or within, or fall from the commercial motor vehicle; and reexamine the commercial motor vehicle’s cargo and its load securement devices during the course of transportation and make any necessary adjustments to the cargo or load securement devices, including adding more securement devices, to ensure that the cargo cannot shift on or within, or fall from, the commercial motor vehicle.”

The Federal Motor Carrier Safety Administration (FMCSA) has many useful guides to aid in understanding the cargo securement rules available at http://www.fmcsa.dot.gov/rulesregulations/truck/driver/education-material.htm

The Canadian Council of Motor Transport Administrators (CCMTA) has issued National Safety Code Standard 10 for Cargo Securement. They have copies of the regulation, training guides and driver handbooks available for purchase on their web site: http://www.ccmta.ca/english/producestandservices/publications/publications.cfm#cargo

Many states and provinces have their own unique requirements and it is again the driver’s responsibility to make sure their load is secure and in compliance with local requirements.

CARE AND USE

INSPECT BEFORE USE – Do not use synthetic web tie downs if the webbing has excessive wear, is damaged, abraded or cut. Do not use if the hardware is damaged or defective. Do not use if there are knots in the webbing. Do not use if the WLL markings are not visible.

PROTECT FROM SHARP EDGES – Always use corner protectors or edge protectors to protect the straps when they are exposed to corners or abrasive or hot surfaces.

STORAGE – Store synthetic web tie downs in a clean dry place out of direct sunlight when not in use. Avoid exposure to acids, alkalis or temperatures in excess of 194 degrees F.

NOT FOR LIFTING OR TOWING – Do not use synthetic web tie down straps for lifting, lowering, suspending, recovery or towing. Use only properly marked and rated lifting slings for lifting, lowering or suspending applications and properly marked and rated recovery or tow straps for recovery or towing applications.

MODIFICATION OR MISUSE – Any modification or misuse of Ancra products will result in voiding of warranty and liability responsibility of Ancra International.

WINCHES – Ancra cargo securement winches shall be installed, used and maintained in accordance with the information sheet provided with each winch. Ancra winches are designed to be used with Ancra winch bars inserted fully through the hole in the mandrel cap end. Do not use cheater bars or extenders on the Ancra winch bars.

WEBBING WRAPS – When using winch or ratchet straps, a minimum of two (2) and maximum of four (4) wraps of webbing shall be on the winch mandrel. Excessive wraps of webbing on the mandrel may reduce the working load limit (WLL) of the synthetic web tie down and may interfere with proper operation.

SECURE FOOTING – Before operating any synthetic web tie down assembly the user shall secure his footing to prevent slipping or falling. In adverse weather conditions, including freezing temperatures, additional caution should be exercised.

CAUTIONS AND WARNINGS – For the benefit of the user and the motoring public, each Ancra product is provided with instructions including cautions and warnings associated with its use. Failure to comply may result in personal injury, property damage or death.

RECOMMENDED OPERATING PRACTICES for SYNTHETIC WEB TIE DOWNS

These guidelines are not intended to replace proper training, experience and learned knowledge regarding proper tie down procedures.

SELECTION – Select a synthetic web tie down having suitable characteristics for the type of load, environment and attachment to vehicle anchor point. Fittings shall have the required shape and size to attach properly to the vehicle anchor points.

WORKING LOAD LIMIT – Identify the working load limit (WLL) marked on the synthetic web tie down by the manufacturer. If the required markings are illegible or missing, remove from service. Read all warnings and/or instructions provided by the manufacturer.

ANCHOR POINTS – Identify the working load limit (WLL) of the vehicle anchor points. If no rating is visible, contact the vehicle manufacturer for tie down instructions. The lesser-rated WLL, whether the anchor point or the synthetic web tie down, shall determine the WLL of the securement system.

NUMBER OF TIE DOWNS – Determine the proper number of synthetic web tie downs required based on the weight of the cargo, the type of commodity, the aggregate working load limit of the securement system and the length/weight ratio of the cargo being secured. Additionally, end users and enforcement personnel are required to know commodity-specific rules governing proper tie down determination as published by the Federal Motor Carrier Safety Administration Standard for Protection Against Shifting and Falling Cargo; Final Rule effective December 26, 2002.
OUT-OF-SERVICE CRITERIA (REPLACEMENT)

General Information

Synthetic web tie downs shall be removed from service if any of the following are visible:

- Excessive abrasive wear
- Melting or charring of the tie down, or weld splatter on the tie down
- Chemical burns
- Holes, tears, cuts, snags
- Tear in webbing or fitting
- Broken or worn stitching in load bearing sew patterns

Informed Sources

- U.S. Department of Transportation Federal Highway Administration (FHWA)
  Website: www.fhwa.dot.gov
- California Highway Patrol (CHP) Title 13
  Website: www.chp.ca.gov
- Web Sling & Tie Down Association (WSTDA)
  Website: www.wstda.com
- Specialized Carriers & Rigging Association (SC&RA)
  Website: www.scranet.org
- Truck Trailer Manufacturing Association (TTMA)
  Website: www.ttmanet.org
- Canada
  The Ministry of Transportation in each Province
  Website: www.mto.gov.on.ca
- Mexico
  Dir. General de Transporte Terrestre SubDirector de Inspeccion del Transporte
<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion</td>
<td>The mechanical wearing of a surface from contact with other object.</td>
</tr>
<tr>
<td>Aggregate Working Load Limit</td>
<td>The summation of the Working Load Limit (WLL) of all tie downs used to secure an article of cargo.</td>
</tr>
<tr>
<td>Anchor Point</td>
<td>The location to which a tie down is attached to a vehicle or article of cargo. If the anchor point is inadequate to support the force of the tie down system, then the load rating of the tie down will be limited to the strength of the anchor point.</td>
</tr>
<tr>
<td>Breaking Strength</td>
<td>The tensile load in pounds or kilograms at which any part of the securement assembly fails.</td>
</tr>
<tr>
<td>Cargo</td>
<td>All articles or material carried by a vehicle, including those used in operation of the vehicle.</td>
</tr>
<tr>
<td>Design Factor</td>
<td>The ratio of the breaking strength to the Working Load Limit (WLL).</td>
</tr>
<tr>
<td>Direct Tie Down</td>
<td>A tie down that is attached directly to the cargo.</td>
</tr>
<tr>
<td>Elongation</td>
<td>The measurement of stretch at a specifically applied load, expressed as a percentage of the original length.</td>
</tr>
<tr>
<td>Fabrication Efficiency</td>
<td>The synthetic web tie down assembly break strength, as a percentage of the webbing strength prior to fabrication.</td>
</tr>
<tr>
<td>Indirect Tie Down</td>
<td>A tie down which passes over the cargo and is secured to the vehicle at both ends. Tension in the tie down increases the pressure of an article or stack of articles on the deck of the vehicle.</td>
</tr>
<tr>
<td>Keeper</td>
<td>A device used on a hook to prevent the hook from inadvertently releasing.</td>
</tr>
<tr>
<td>Length</td>
<td>The distance between extreme end bearing points of the synthetic web tie down assembly, including the fittings.</td>
</tr>
<tr>
<td>Lever Load Binder</td>
<td>A chain binder incorporating an overcenter locking action.</td>
</tr>
<tr>
<td>Proof Load Test</td>
<td>A non-destructive load test to some multiple of the working load limit.</td>
</tr>
<tr>
<td>Selvage</td>
<td>The woven or knitted edge of synthetic webbing.</td>
</tr>
<tr>
<td>Sew/Stitch Pattern</td>
<td>The pattern of the stitches used to sew the webbing together.</td>
</tr>
<tr>
<td>Shoring Bar</td>
<td>A structural bar placed transversely between the walls of a vehicle to prevent cargo from tipping or shifting.</td>
</tr>
<tr>
<td>Ultimate Test</td>
<td>A load test of a securement assembly tested to failure.</td>
</tr>
<tr>
<td>Warp</td>
<td>A longitudinal load bearing yarn in webbing.</td>
</tr>
<tr>
<td>Winch</td>
<td>A device for tensioning a webbing or wire rope tie down that is fitted with means to lock the initial tension.</td>
</tr>
<tr>
<td>Working Load Limit (WLL)</td>
<td>The maximum load a component or assembly should be subjected to during routine use.</td>
</tr>
</tbody>
</table>
GENERAL INFORMATION

INNOVATIVE TEAMWORK SOLUTIONS

► When we start a project with you, we develop shared objectives based on your specific goals.
  We view your requirements from all angles. With over decades of industry experience, we don’t automatically reach for the easy answers. The innovative solutions we’ve developed are a result of looking at each new project from a fresh perspective.
  ► We envision the global picture, and we sweat the details. Each part is tested and tested again against the highest standards of quality, reliability and durability.
  ► Through every step of the process, we work as a team with you. We continue to provide technical support after our products have been installed.

TRADE ASSOCIATIONS

- Web Sling & Tie Down Association (WSTDA)
- British Columbia Trucking Association (BCTA)
- Technology & Maintenance Council (TMC)
- Truck Trailer Manufacturers Association (TTMA)
- Canadian Transportation Equipment Association (CTEA/AETC)
- Commercial Vehicle Safety Network (CVSN)
- Associated Wire Rope Fabricators (AWRF)
- Commercial Vehicle Safety Alliance (CVSA)
- Association of American Railroads (AAR)
- National Trailer Dealers Association (NTDA)
- National Association of Trailer Manufacturers (NATM)
- Heavy Duty Distributor Council (HDDC)

STATE TRUCKING ASSOCIATIONS

- Arkansas Trucking Association
- Alabama Trucking Association
- Indiana Motor Truck Association
- Minnesota Trucking Association
- New Jersey Motor Truck Association
- Ohio Trucking Association
- Pennsylvania Motor Truck Association
- Texas Motor Transportation Association
- Tennessee Trucking Association
- Washington Trucking Association
- Wisconsin Motor Carrier Association

LITERATURE AVAILABLE BY REQUEST

- Ancra International Aircraft Interiors & Cargo Fittings
  This catalog provides a full selection of the very best aircraft fittings and components, all made in the U.S.A. by Ancra for over 25 years. Request Catalog 402
- Ancra International Cargo Restraint Catalog
  Ancra showcases the most popular solutions for flatbed and interior van cargo restraints. A mini catalog of winches, straps, tie-offs, beams and bars. Request Brochure 214A
- Ancra International Lift-A-Deck II
  Ancra’s proprietary Lift-A-Deck decking systems enables optimum utilization of cargo space in vans and trailers. Request Brochure B233A
## INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>10632-90</td>
<td>2&quot; x 18&quot; Fixed End Strap w/ 44587-10 Buckle &amp; 40891-18 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>10632-90-28</td>
<td>2&quot; x 28&quot; Adjustable End Strap w/ 40891-18 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>10632-93</td>
<td>2&quot; x 33&quot; Fixed End Strap w/ 44587-10 Buckle &amp; 43366-21 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>10632-93-28</td>
<td>2&quot; x 28&quot; Adjustable End Strap w/ 43366-21 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>10632-95</td>
<td>2&quot; x 18&quot; Fixed End Strap w/ 44587-10 Buckle &amp; 43120-13 Wire Hook</td>
<td>37</td>
</tr>
<tr>
<td>10632-95-28</td>
<td>2&quot; x 28&quot; Adjustable End Strap w/ 43120-13 Wire Hook</td>
<td>37</td>
</tr>
<tr>
<td>10633-90</td>
<td>3&quot; x 18&quot; Fixed End Strap w/ 48965-10 Buckle &amp; 41766-18 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>10633-90-28</td>
<td>3&quot; x 28&quot; Adjustable End Strap w/ 41766-18 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>10633-92</td>
<td>3&quot; x 33&quot; Fixed End Strap w/ 48965-10 Buckle &amp; 43366-14 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>10633-92-28</td>
<td>3&quot; x 28&quot; Adjustable End Strap w/ 43366-14 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>10634-90</td>
<td>4&quot; x 18&quot; Fixed End Strap w/ 49349-10 Buckle &amp; 41766-18 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>10634-90-28</td>
<td>4&quot; x 28&quot; Adjustable End Strap w/ 41766-18 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>10634-91</td>
<td>4&quot; x 33&quot; Fixed End Strap w/ 49349-10 Buckle &amp; 43366-14 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>10634-91-28</td>
<td>4&quot; x 28&quot; Adjustable End Strap w/ 43366-14 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>10634-93</td>
<td>4&quot; x 20&quot; Fixed End Strap w/ 49349-10 Buckle &amp; 43120-20 Wire Hook</td>
<td>37</td>
</tr>
<tr>
<td>10634-93-28</td>
<td>4&quot; x 28&quot; Adjustable End Strap w/ 43120-20 Wire Hook</td>
<td>37</td>
</tr>
<tr>
<td>10751-10</td>
<td>Garment Rope 1/4&quot; x 8'</td>
<td>51</td>
</tr>
<tr>
<td>20-EE1-9801X3</td>
<td>1&quot; x 3' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9801X4</td>
<td>1&quot; x 4' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9801X6</td>
<td>1&quot; x 6' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9801X10</td>
<td>1&quot; x 10' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9802X3</td>
<td>2&quot; x 3' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9802X4</td>
<td>2&quot; x 4' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9802X6</td>
<td>2&quot; x 6' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9802X10</td>
<td>2&quot; x 10' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9802X12</td>
<td>2&quot; x 12' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE1-9802X14</td>
<td>2&quot; x 14' Eye/Eye 1 Ply Sling</td>
<td>67</td>
</tr>
<tr>
<td>20-EE2-9801X4</td>
<td>1&quot; x 4' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9801X8</td>
<td>1&quot; x 8' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9802X3</td>
<td>2&quot; x 3' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9802X4</td>
<td>2&quot; x 4' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9802X6</td>
<td>2&quot; x 6' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9802X8</td>
<td>2&quot; x 8' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X4</td>
<td>2&quot; x 14' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X10</td>
<td>3&quot; x 10' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X12</td>
<td>3&quot; x 12' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X16</td>
<td>3&quot; x 16' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X20</td>
<td>3&quot; x 20' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X30</td>
<td>3&quot; x 30' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X40</td>
<td>4&quot; x 6' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X48</td>
<td>4&quot; x 8' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X10</td>
<td>3&quot; x 10' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X12</td>
<td>3&quot; x 12' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X16</td>
<td>3&quot; x 16' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X20</td>
<td>3&quot; x 20' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X40</td>
<td>4&quot; x 6' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-EE2-9803X48</td>
<td>4&quot; x 8' Eye/Eye 2 Ply Sling</td>
<td>68</td>
</tr>
<tr>
<td>20-ENR1X3</td>
<td>1&quot; x 3' Purple Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR1X4</td>
<td>1&quot; x 4' Purple Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR1X6</td>
<td>1&quot; x 6' Purple Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR1X8</td>
<td>1&quot; x 8' Purple Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR1X12</td>
<td>1&quot; x 12' Purple Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
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<td>2&quot; x 3' Green Endless Round Sling</td>
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<td>2&quot; x 4' Green Endless Round Sling</td>
<td>66</td>
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<td>20-ENR2X8</td>
<td>2&quot; x 8' Green Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR2X12</td>
<td>2&quot; x 12' Green Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR3X3</td>
<td>3&quot; x 3' Yellow Endless Round Sling</td>
<td>66</td>
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<td>20-ENR3X4</td>
<td>3&quot; x 4' Yellow Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR3X8</td>
<td>3&quot; x 8' Yellow Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR3X12</td>
<td>3&quot; x 12' Yellow Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR3X20</td>
<td>3&quot; x 20' Yellow Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR4X10</td>
<td>4&quot; x 10' Tan Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR4X16</td>
<td>4&quot; x 16' Tan Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR5X4</td>
<td>5&quot; x 5' Red Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR5X6</td>
<td>5&quot; x 6' Red Endless Round Sling</td>
<td>66</td>
</tr>
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<td>20-ENR5X12</td>
<td>5&quot; x 12' Red Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR5X20</td>
<td>5&quot; x 20' Red Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>20-ENR7X6</td>
<td>7&quot; x 7' Blue Endless Round Sling</td>
<td>66</td>
</tr>
<tr>
<td>30AS33-8K</td>
<td>2&quot; x 33' Black Axle Strap w/ Sleeve</td>
<td>63</td>
</tr>
<tr>
<td>30ATB</td>
<td>Adjustable Tire Bonnet</td>
<td>64</td>
</tr>
<tr>
<td>30RT</td>
<td>Double Adjustable Tire Bonnet</td>
<td>64</td>
</tr>
<tr>
<td>40023-12</td>
<td>Wire Hook, Wide - 2&quot; x 833 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>40024-10</td>
<td>Wire Hook, Narrow - 1&quot; x 1,000 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>40024-12</td>
<td>Wire Hook, Narrow - 2&quot; x 833 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>40025-10</td>
<td>D-Ring - 1&quot; x 1,666 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>40025-12</td>
<td>D-Ring - 2&quot; x 1,666 lb. WLL</td>
<td>80</td>
</tr>
</tbody>
</table>
## INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>40044-10</td>
<td>Flat Hook w/ Keeper - 1&quot; - 1,166 lb. WLL</td>
<td>79</td>
</tr>
<tr>
<td>40065-10</td>
<td>Flat Hook - 1&quot; - 333 lb. WLL</td>
<td>79</td>
</tr>
<tr>
<td>40065-12</td>
<td>Flat Hook, Vinyl - 1&quot; - 333 lb. WLL</td>
<td>79</td>
</tr>
<tr>
<td>40084-14</td>
<td>Snap Hook - 2&quot; - 2,766 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>40316-12</td>
<td>Wire Hook, Narrow - 1&quot; - 166 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>40340-27</td>
<td>Single Stud Track Fitting - 1,333 lbs. Vertical WLL</td>
<td>88</td>
</tr>
<tr>
<td>40386-10</td>
<td>Rope Tie Off - Series E (3 piece End Fitting) 1,000 lb. WLL</td>
<td>56</td>
</tr>
<tr>
<td>40386-11</td>
<td>Rope Tie Off - Series E (Spring Actuated Fitting)</td>
<td>56</td>
</tr>
<tr>
<td>40386-12</td>
<td>Rope Tie Off - Series F - 500 lb. WLL</td>
<td>54</td>
</tr>
<tr>
<td>40386-13</td>
<td>Rope Tie Off - Series F - 500 lb. WLL (Canada)</td>
<td>54</td>
</tr>
<tr>
<td>40467-33-144</td>
<td>Heavy-Duty Aircraft Track 12&quot;</td>
<td>88</td>
</tr>
<tr>
<td>40602-10</td>
<td>Series E Strap Assy - 3-pc. End - 12&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-11</td>
<td>Series E Strap Assy - 3-pc. End - 16&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-12</td>
<td>Series E Strap Assy - 3-pc. End - 20&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-17</td>
<td>Series E Strap Assy - 1-pc. End - 12&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-18</td>
<td>Series E Strap Assy - 1-pc. End - 16&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-19</td>
<td>Series E Strap Assy - 1-pc. End - 20&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-20</td>
<td>Series F Strap Assembly - Cam Buckle - 12&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-21</td>
<td>Series F Strap Assembly - Cam Buckle - 16&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-22</td>
<td>Series F Strap Assembly - Cam Buckle - 20&quot;</td>
<td>56</td>
</tr>
<tr>
<td>40602-97</td>
<td>Plate Trailer Strap Assembly w/ Wire Hooks - Cam Buckle - 12&quot;</td>
<td>57</td>
</tr>
<tr>
<td>40602-98</td>
<td>Plate Trailer Strap Assembly w/ Wire Hooks - Cam Buckle - 16&quot;</td>
<td>57</td>
</tr>
<tr>
<td>40602-99</td>
<td>Plate Trailer Strap Assembly w/ Wire Hooks - Cam Buckle - 20&quot;</td>
<td>57</td>
</tr>
<tr>
<td>40602-100</td>
<td>LAD II Logistics Strap w/ Single Stud Fitting - Cam Buckle - 12&quot;</td>
<td>45</td>
</tr>
<tr>
<td>40602-101</td>
<td>LAD II Logistics Strap w/ Single Stud Fitting - Cam Buckle - 16&quot;</td>
<td>45</td>
</tr>
<tr>
<td>40602-102</td>
<td>LAD II Logistics Strap w/ Single Stud Fitting - Cam Buckle - 20&quot;</td>
<td>45</td>
</tr>
<tr>
<td>40602-103</td>
<td>Series F Strap Assembly - Cam Buckle - 12&quot; - Canada</td>
<td>56</td>
</tr>
<tr>
<td>40602-104</td>
<td>Series F Strap Assembly - Cam Buckle - 16&quot; - Canada</td>
<td>56</td>
</tr>
<tr>
<td>40602-105</td>
<td>Series F Strap Assembly - Cam Buckle - 20&quot; - Canada</td>
<td>56</td>
</tr>
<tr>
<td>40758-11</td>
<td>Snap Hook, Twisted - 2&quot; - 3,333 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>40758-13</td>
<td>Snap Hook - 2&quot; - 3,333 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>40838-10</td>
<td>Series E Vertical Track (Gray) 10&quot;</td>
<td>48</td>
</tr>
<tr>
<td>40838-11</td>
<td>Series E Vertical Track (Galvanized) 10&quot;</td>
<td>48</td>
</tr>
<tr>
<td>40849-12</td>
<td>Series F Track (Galvanized) 10' - 1° Holes Hole Spacing</td>
<td>49</td>
</tr>
<tr>
<td>40891-18</td>
<td>Flat Hook - 2&quot; - 3,333 lb. WLL</td>
<td>79</td>
</tr>
<tr>
<td>40921-10</td>
<td>Beam Socket</td>
<td>51</td>
</tr>
<tr>
<td>40921-11</td>
<td>Beam Socket Heavy-Duty</td>
<td>51</td>
</tr>
<tr>
<td>40978-11</td>
<td>Delta Ring - 2&quot; - 3,333 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>40980-13</td>
<td>Track Fitting Series F - 500 lb. WLL (Canada)</td>
<td>82</td>
</tr>
<tr>
<td>40985-05-12</td>
<td>Web Protector - Cordura Sleeve - 12&quot; Long</td>
<td>16</td>
</tr>
<tr>
<td>40985-05-RL</td>
<td>Web Protector - Cordura Sleeve - 100 Yd. Roll</td>
<td>16</td>
</tr>
<tr>
<td>41030-12</td>
<td>Cam Buckle - 1&quot; - 166 lb. WLL</td>
<td>77</td>
</tr>
<tr>
<td>41048-10</td>
<td>Ancra Red Motorcycle Strap - 1&quot; x 5.5&quot;</td>
<td>70</td>
</tr>
<tr>
<td>41048-23</td>
<td>Ancra Red Motorcycle Strap - 1&quot; x 13&quot;</td>
<td>70</td>
</tr>
<tr>
<td>41313-12</td>
<td>S Hook, Plated - 1&quot; - 400 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>41313-13</td>
<td>S Hook, Vinyl - 1&quot; - 400 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>41325-10</td>
<td>Slat Hook - 1,000 lb. WLL</td>
<td>82</td>
</tr>
<tr>
<td>41409-13</td>
<td>Series E End Fitting (3 Piece) 1,000 lb. WLL</td>
<td>82</td>
</tr>
<tr>
<td>41516-11</td>
<td>Corner Protector - 2&quot; - Aluminum</td>
<td>16</td>
</tr>
<tr>
<td>41631-12</td>
<td>Delta Ring - 4&quot; - 6,666 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>41632-17-BULK-CUT</td>
<td>3&quot; Yellow Polyester Latex Treated Webbing</td>
<td>87</td>
</tr>
<tr>
<td>41632-19-BULK-CUT</td>
<td>2&quot; Red Polyester Latex Treated Webbing</td>
<td>87</td>
</tr>
<tr>
<td>41632-24-BULK-CUT</td>
<td>3&quot; Blue Polyester Latex Treated Webbing</td>
<td>87</td>
</tr>
<tr>
<td>41632-26-BULK-CUT</td>
<td>2&quot; Blue Polyester Lated Treated Webbing</td>
<td>87</td>
</tr>
<tr>
<td>41632-31-BULK-CUT</td>
<td>2&quot; Yellow Polyester Latex Treated Webbing</td>
<td>87</td>
</tr>
<tr>
<td>41645-10</td>
<td>Roller Buckle - 2&quot; - 500 lbs. WLL</td>
<td>77</td>
</tr>
<tr>
<td>41659-10-27</td>
<td>2&quot; x 27 Winch Strap w/ 40891-18 Flat Hook</td>
<td>29</td>
</tr>
<tr>
<td>41659-10-30</td>
<td>2&quot; x 30 Winch Strap w/ 40891-18 Flat Hook</td>
<td>29</td>
</tr>
<tr>
<td>41659-11-27</td>
<td>2&quot; x 27 Winch Strap w/ 40978-11 Delta Ring</td>
<td>29</td>
</tr>
<tr>
<td>41659-11-30</td>
<td>2&quot; x 30 Winch Strap w/ 40978-11 Delta Ring</td>
<td>29</td>
</tr>
<tr>
<td>41659-13-27</td>
<td>2&quot; x 27 Winch Strap w/ 43120-13 Wire Hook</td>
<td>29</td>
</tr>
<tr>
<td>41659-13-30</td>
<td>2&quot; x 30 Winch Strap w/ 43120-13 Wire Hook</td>
<td>29</td>
</tr>
<tr>
<td>41659-15-27</td>
<td>2&quot; x 27 Winch Strap w/ 43366-21</td>
<td>29</td>
</tr>
<tr>
<td>41659-15-30</td>
<td>2&quot; x 30 Winch Strap w/ 43366-21</td>
<td>29</td>
</tr>
<tr>
<td>41659-16-30</td>
<td>2&quot; x 30 Winch Strap w/o Hardware</td>
<td>29</td>
</tr>
<tr>
<td>41659-90-27</td>
<td>2&quot; x 27 ANCRA X-TREME Winch Strap w/ 40891-18 Flat Hook</td>
<td>26</td>
</tr>
<tr>
<td>41659-90-30</td>
<td>2&quot; x 30 ANCRA X-TREME Winch Strap w/ 40891-18 Flat Hook</td>
<td>26</td>
</tr>
</tbody>
</table>
### INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>41659-92-30</td>
<td>2&quot; x 30' ANCRA X-TREME Winch Strap w/ 43120-13 Wire Hook</td>
<td>91.9&quot; - 102.9&quot;</td>
<td>3,333 lbs. WLL</td>
</tr>
<tr>
<td>41659-93-30</td>
<td>2&quot; x 30' ANCRA X-TREME Winch Strap w/ 43366-21 Chain Anchor</td>
<td>85.7&quot; - 96.6&quot;</td>
<td>3,333 lbs. WLL</td>
</tr>
<tr>
<td>41659-94-30</td>
<td>2&quot; x 30' ANCRA X-TREME Winch Strap w/o Hardware</td>
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<td>41660-10-27</td>
<td>3&quot; x 27' Winch Strap w/ 41766-18 Flat Hook</td>
<td>3&quot; Spool</td>
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<td>41660-14-27</td>
<td>3&quot; x 27' Winch Strap w/ 43366-14 Chain Anchors</td>
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<td>3&quot; x 27' Winch Strap w/ 43120-20 Wire Hook</td>
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<td>3&quot; x 30' Winch Strap w/ 43120-20 Wire Hook</td>
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<td>41660-90-30</td>
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<td>41660-90-30</td>
<td>3&quot; x 30' ANCRA X-TREME Winch Strap w/o 41766-18 Flat Hook</td>
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<td>41660-90-30</td>
<td>3&quot; x 30' ANCRA X-TREME Winch Strap</td>
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<td>41660-93-30</td>
<td>3&quot; x 30' ANCRA X-TREME Winch Strap w/ 43366-14 Chain Anchors</td>
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<td>41660-95-30</td>
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<td>41681-10</td>
<td>Combo Winch - Bottom Mount - Std.</td>
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<td>41691-10</td>
<td>Web Winch - Frameless</td>
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<td>41696-10</td>
<td>Cable Winch - End Mount - RH</td>
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<td>41696-11</td>
<td>Cable Winch - End Mount - LH</td>
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<td>41766-18</td>
<td>Flat Hook - 3&quot; - 5,400 lb. WLL</td>
<td>3&quot; Spool</td>
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<td>41766-19</td>
<td>Flat Hook - 3&quot; - 5,400 lb. WLL w/ Keeper</td>
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<td>Ratchet Buckle - 1 3/4&quot; - 2,000 lb. WLL</td>
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<td>41820-10</td>
<td>1&quot; Red Nylon Webbing</td>
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<td>41820-14-RL</td>
<td>1&quot; Blue Nylon Webbing</td>
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<td>1&quot; Black Nylon Webbing</td>
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<td>42012-12 HD</td>
<td>Series F Hook - 800 lb. WLL</td>
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<td>42098-11</td>
<td>Corner Protector - 3&quot; - Rubber</td>
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<td>42098-12</td>
<td>Corner Protector - 4&quot; - Rubber</td>
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<td>42195-11</td>
<td>Cam Buckle - 1&quot; - 500 lb. WLL Replaces 42195-10</td>
<td>3&quot; Spool</td>
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<td>42313-10</td>
<td>Winch Bar - Std. Painted</td>
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<td>Winch Bar - Combination Box End Painted</td>
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<td>Winch Bar - Std. Chrome</td>
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<td>Winch Bar - Combination Chrome</td>
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<td>Winch Track - 6&quot; Steel</td>
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<td>Winch Track - 12&quot; Steel</td>
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<td>Winch Track - 6&quot; Aluminum</td>
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<td>42816-18</td>
<td>Overcenter Buckle - 1&quot; - 600 lb. WLL</td>
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<td>Series A Horizontal Track (Gray) 10'</td>
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<td>43044-10</td>
<td>Snap Hook - 1&quot; - 1,666 lb. WLL</td>
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<td>43099-10</td>
<td>Flat Hook - 2&quot; - 1,666 lb. WLL</td>
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<td>43112-10</td>
<td>Wire Hook, Narrow - 2&quot; - 1,666 lb. WLL</td>
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<td>Wire Hook, Narrow - 2&quot; - 3,333 lb. WLL</td>
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<td>Wire Hook, Narrow - 1.75&quot; - 500 lb. WLL</td>
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<td>Wire Hook, Narrow - 3&quot; - 7,333 lb. WLL</td>
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<td>43320-32</td>
<td>Ratchet Buckle - 1&quot; - 1,455 lb. WLL</td>
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<td>43365-12</td>
<td>Grab Hook Assembly, Unplated - 5,400 lb. WLL</td>
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<td>Chain Anchor w/ Delta Ring - 5,400 lb. WLL</td>
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<td>5/16&quot; Chain Anchor w/ Delta Ring - 3,333 lbs. WLL</td>
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<td>Combo Winch - Side Mount - Low Profile</td>
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<td>Gutter Hook - 1&quot; - 250 lb. WLL</td>
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<td>Web Winch - Bottom Mount - Std.</td>
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<td>Web Winch - Bottom Mount - Std. Portable</td>
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<td>Web Winch - Side Mount - Low Profile</td>
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<td>43565-137</td>
<td>Web Winch - Bottom Mount - C Track Slider - Double Cap w/ 7mm Frame</td>
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<td>Web Winch - Bottom Mount - Storable C Track Slider w/ 7mm Frame</td>
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<td>Web Winch - Bottom Mount - Std. C Track Slider w/ 7mm Frame</td>
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<td>43565-15-SG</td>
<td>Web Winch - Bottom Mount - Std. C Track Slider - Silver Galvanized</td>
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<td>Web Winch - Bottom Mount - Std. Storable 4&quot; Spool</td>
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<td>43579-20</td>
<td>Web Winch - Side Mount - Low Profile</td>
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<td>43627-13</td>
<td>Replacement Channel Assembly (Al. Beam)</td>
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<td>Decking/Shoring Beam Series E - 85.7&quot; - 96.6&quot; Long</td>
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<td>Decking/Shoring Beam Series E - 91.9&quot; - 102.9&quot; Long</td>
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ANCRA INTERNATIONAL • DESIGNER AND MANUFACTURER OF CARGO RESTRAINT SYSTEMS
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<th>Product Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>43781-17</td>
<td>Short Foot Assembly (4 x 4)</td>
<td>52</td>
</tr>
<tr>
<td>43782-15</td>
<td>Cargo Sta - Standard - 89.75&quot; to 104.5&quot; Long</td>
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<td>43795-10-27</td>
<td>4&quot; x 27' Winch Strap w/ 41766-18 Flat Hook</td>
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<td>4&quot; x 30' Winch Strap w/ 41766-18 Flat Hook</td>
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<td>4&quot; x 27' Winch Strap w/ 41631-12 Delta Ring</td>
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<td>43795-19-30</td>
<td>4&quot; x 30' Winch Strap w/o Hardware</td>
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<td>43795-40-30</td>
<td>4&quot; x 30' Winch Strap w/ 41766-18 Flat Hook - Blue Webbing</td>
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<tr>
<td>43795-60-30</td>
<td>4&quot; x 30' Winch Strap w/ 41766-18 Flat Hook - Red Webbing</td>
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<td>43795-90-27</td>
<td>4&quot; x 27' ANCREA X-TREME Winch Strap w/ 41766-18 Flat Hook</td>
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<td>43795-90-30</td>
<td>4&quot; x 30' ANCREA X-TREME Winch Strap w/ 41766-18 Flat Hook</td>
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<td>43795-90-40</td>
<td>4&quot; x 40' ANCREA X-TREME Winch Strap w/ 41766-18 Flat Hook</td>
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<td>43795-91-27</td>
<td>4&quot; x 27' ANCREA X-TREME Winch Strap w/ 41631-12 Delta Ring</td>
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<td>4&quot; x 40' ANCREA X-TREME Winch Strap w/ 41631-12 Delta Ring</td>
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<td>4&quot; x 30' ANCREA X-TREME Winch Strap w/ Half Twist</td>
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<td>4&quot; x 30' ANCREA X-TREME Winch Strap w/ 43366-14 Chain Anchor</td>
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<tr>
<td>43797-18-BULK-CUT</td>
<td>4&quot; Blue Polyester Latex Treated Webbing</td>
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</tr>
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<td>43797-19-BULK-CUT</td>
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<td>43797-34-BULK-CUT</td>
<td>4&quot; Green Polyester Latex Treated Webbing</td>
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<td>43797-36-BULK-CUT</td>
<td>4&quot; Yellow Polyester Latex Treated Webbing</td>
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<td>43887-10</td>
<td>Mini Ratchet Strap - 1&quot; x 16' - Display Packaged</td>
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<td>43887-11</td>
<td>Mini Ratchet Strap - 1&quot; x 20' - Display Packaged</td>
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<td>43908-10</td>
<td>Combo Winch - Recessed Box</td>
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<td>Corner Protector + 4&quot; Black Plastic</td>
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<td>43991-10</td>
<td>Hoop Set - Cargo Sta</td>
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<td>43997-10</td>
<td>Combo Winch - Leg Mount - Low Profile</td>
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<tr>
<td>44102-11</td>
<td>H-2 Hook</td>
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</tr>
<tr>
<td>44122-10</td>
<td>Corner Iron Hook</td>
<td>13</td>
</tr>
<tr>
<td>44232-10</td>
<td>Ratchet Buckle - 1&quot; - 400 lb. WLL</td>
<td>74</td>
</tr>
<tr>
<td>44258-13</td>
<td>Ratchet Buckle - 2&quot; - 1,500 lb. WLL - Low Profile</td>
<td>75</td>
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<td>44340-11</td>
<td>Strap Assy - 1&quot; - Ratchet Buckle - 10' w/ Wire Hooks</td>
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<td>44466-10</td>
<td>Combo Winch - 2&quot; Web</td>
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<td>44557-10</td>
<td>Ancra Lash R/B Strap - 1&quot; x 15' - Bulk - 500 lb. WLL</td>
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<td>44587-10</td>
<td>Ratchet Buckle - 2&quot; - 3,666 lb. WLL - Long Wide Handle</td>
<td>75</td>
</tr>
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<td>44627-11</td>
<td>Ratchet Buckle - 2&quot; - 3,333 lb. WLL - Standard Handle</td>
<td>75</td>
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<td>44639-12</td>
<td>Overcenter Buckle - 1 3/4&quot; - 1,666 lb. WLL</td>
<td>76</td>
</tr>
<tr>
<td>45143-20</td>
<td>Basket Strap for Tires 7&quot;W x 20&quot;H</td>
<td>63</td>
</tr>
<tr>
<td>45143-22</td>
<td>Basket Strap for Tires 8&quot;W x 24&quot;H</td>
<td>63</td>
</tr>
<tr>
<td>45228-10</td>
<td>Rave Hook - 1,167 lb. WLL</td>
<td>78</td>
</tr>
<tr>
<td>45515-10</td>
<td>Cluster Hook (RTJ)</td>
<td>84</td>
</tr>
<tr>
<td>45545-15</td>
<td>Pan Fitting w/ Black Trim Collar</td>
<td>54</td>
</tr>
<tr>
<td>45801-10</td>
<td>Web Winder</td>
<td>13</td>
</tr>
<tr>
<td>45849-13</td>
<td>Recessed Pan Fitting 1,666 lb. WLL</td>
<td>54</td>
</tr>
<tr>
<td>45867-12</td>
<td>Garment Beam - 96&quot;</td>
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</tr>
<tr>
<td>45867-13</td>
<td>Garment Beam - 102&quot;</td>
<td>51</td>
</tr>
<tr>
<td>45880-10</td>
<td>G70 Chain - 5/16&quot; Bulk 4,700 lbs. WLL</td>
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</tr>
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<td>45880-11</td>
<td>G70 Chain - 3/8&quot; Bulk 6,600 lbs. WLL</td>
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<td>45880-12</td>
<td>G70 Chain - 1/4&quot; Bulk 3,150 lbs. WLL</td>
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<td>G70 Chain - 1/2&quot; Bulk 11,300 lbs. WLL</td>
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<td>45881-10-16</td>
<td>G70 Chain Assy - 5/16&quot; x 16' w/ Clevis Hooks 4,700 lbs. WLL</td>
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<tr>
<td>45881-10-16-5P</td>
<td>G70 Chain Assy - 5/16&quot; x 16' w/ Clevis Hooks 4,700 lbs. WLL - In Pail</td>
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<td>45881-10-20</td>
<td>G70 Chain Assy - 5/16&quot; x 20' w/ Clevis Hooks 4,700 lbs. WLL</td>
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</tbody>
</table>
## INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
<th>WLL</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>45982-10</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 40891-18</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Flat Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-10-27-WK</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 40891-18</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Flat Hooks, w/ Web Keeper Buckle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-11</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 40891-18</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Flat Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-11-30-WK</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 40891-18</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Flat Hooks, w/ Web Keeper Buckle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-15</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 43366-21</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Chain Anchors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-19</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 40758-11</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Snap Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-24</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 43366-21</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Chain Anchors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-36</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 40758-11</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Snap Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>2&quot; x 27&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-42-27-WK</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks, w/ Web Keeper Buckle</td>
<td></td>
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</tr>
<tr>
<td>45982-43</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks</td>
<td></td>
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</tr>
<tr>
<td>45982-43-30-WK</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks, w/ Web Keeper Buckle</td>
<td></td>
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</tr>
<tr>
<td>45982-90-27</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 40891-18</td>
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<td></td>
<td>Flat Hooks</td>
<td></td>
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</tr>
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</tr>
<tr>
<td></td>
<td>Flat Hooks, w/ Web Keeper Buckle</td>
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</tr>
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<td>45982-90-30</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 40891-18</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Flat Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-90-30-WK</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 40891-18</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Flat Hooks, w/ Web Keeper Buckle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-93-30</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 43366-21</td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Chain Anchors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-95-27</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-95-27-WK</td>
<td>2&quot; x 27&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks, w/ Web Keeper Buckle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-95-30</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45982-95-30-WK</td>
<td>2&quot; x 30&quot; Ratchet Strap w/ 43120-13</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Wire Hooks, w/ Web Keeper Buckle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>47105-11</td>
<td>Ratchet Buckle - 2&quot; - 3,666 lb. WLL - Short Wide Handle</td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>47200-60-BULK-CUT</td>
<td>2&quot; Gray Polyester Webbing</td>
<td></td>
<td>87</td>
</tr>
<tr>
<td>47200-61-BULK-CUT</td>
<td>2&quot; Yellow Polyester Webbing</td>
<td></td>
<td>87</td>
</tr>
<tr>
<td>47200-62-BULK-CUT</td>
<td>2&quot; Blue Polyester Webbing</td>
<td></td>
<td>87</td>
</tr>
</tbody>
</table>
### INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>47200-64-BULK-CUT</td>
<td>2&quot; Red Polyester Webbing</td>
<td>87</td>
</tr>
<tr>
<td>47235-10</td>
<td>Series F Channel - 10' (1&quot; Hole Spacing)</td>
<td>49</td>
</tr>
<tr>
<td>47235-15</td>
<td>Series F Channel - 7 1/2' (1&quot; Hole Spacing)</td>
<td>49</td>
</tr>
<tr>
<td>47566-11</td>
<td>Double Stud Fitting - 1,666 lbs. WLL</td>
<td>88</td>
</tr>
<tr>
<td>47608-21</td>
<td>Series E Track Fitting - 1,333 lbs. WLL</td>
<td>82</td>
</tr>
<tr>
<td>47640-31</td>
<td>Lashing Winch - 3,333 lbs. w/ Double</td>
<td>7, 64</td>
</tr>
<tr>
<td>47670-10</td>
<td>Hoop Set - Decking Beam</td>
<td>50</td>
</tr>
<tr>
<td>47772-12</td>
<td>Series E Track Fitting w/ Round Ring - 1,000 lb. WLL</td>
<td>54, 83</td>
</tr>
<tr>
<td>47800-10</td>
<td>Overcenter Buckle - 1 3/4&quot; - 1,666 lb. WLL</td>
<td>76</td>
</tr>
<tr>
<td>47934-11</td>
<td>Wheel Dolly Strap 2&quot; x 86&quot;</td>
<td>63</td>
</tr>
<tr>
<td>47935-11</td>
<td>Wheel Dolly Strap w/ S Hooks</td>
<td>63</td>
</tr>
<tr>
<td>47935-12</td>
<td>Wheel Dolly Strap w/ Spring E Fittings</td>
<td>63</td>
</tr>
<tr>
<td>47944-10</td>
<td>Round Ring - 2&quot; - 900 lb. WLL</td>
<td>80</td>
</tr>
<tr>
<td>47970-10</td>
<td>2&quot; x 27' Ratchet Strap w/ 40891-18 Flat Hooks</td>
<td>34</td>
</tr>
<tr>
<td>47970-11</td>
<td>2&quot; x 30' Ratchet Strap w/ 40891-18 Flat Hooks</td>
<td>34</td>
</tr>
<tr>
<td>47971-10</td>
<td>2&quot; x 27' Ratchet Strap w/ 40891-18 Flat Hooks</td>
<td>34</td>
</tr>
<tr>
<td>47971-11</td>
<td>2&quot; x 30' Ratchet Strap w/ 40891-18 Flat Hooks</td>
<td>34</td>
</tr>
<tr>
<td>48101-10</td>
<td>Web Winch - 3-Bar - Low Profile</td>
<td>58</td>
</tr>
<tr>
<td>48101-10-5G</td>
<td>Web Winch - 3-Bar - Low Profile Silver Galvanized</td>
<td>5</td>
</tr>
<tr>
<td>48101-14</td>
<td>Web Winch - 3-Bar - Standard</td>
<td>5</td>
</tr>
<tr>
<td>48101-16-5G</td>
<td>Web Winch - 3-Bar - Standard Silver Galvanized</td>
<td>5</td>
</tr>
<tr>
<td>48101-177</td>
<td>Web Winch - 3-Bar - Standard C Track Slider</td>
<td>5</td>
</tr>
<tr>
<td>48117-21-120.00</td>
<td>Series E Horizontal Track - 10' (Galvanized)</td>
<td>48</td>
</tr>
<tr>
<td>48117-21-60.00</td>
<td>Series E Horizontal Track - 5' (Galvanized)</td>
<td>48</td>
</tr>
<tr>
<td>48117-25-120.00</td>
<td>Series E Horizontal Track - 10' (Gray)</td>
<td>48</td>
</tr>
<tr>
<td>48117-25-60.00</td>
<td>Series E Horizontal Track - 5' (Gray)</td>
<td>48</td>
</tr>
<tr>
<td>48117-32-120.00</td>
<td>Series E Horizontal Track - 10' Black Powdercoat</td>
<td>48</td>
</tr>
<tr>
<td>48253-13</td>
<td>Plate Trailer Ratchet Strap w/ Wire Hook and E Fitting 12'</td>
<td>58</td>
</tr>
<tr>
<td>48253-14</td>
<td>Plate Trailer Ratchet Strap w/ Wire Hook and E Fitting 16'</td>
<td>58</td>
</tr>
<tr>
<td>48253-15</td>
<td>Plate Trailer Ratchet Strap w/ Wire Hook and E Fitting 20'</td>
<td>58</td>
</tr>
<tr>
<td>48253-16</td>
<td>Plate Trailer Ratchet Strap w/ F Fitting and E Fitting 12'</td>
<td>58</td>
</tr>
<tr>
<td>48253-17</td>
<td>Plate Trailer Ratchet Strap w/ F Fitting and E Fitting 16'</td>
<td>58</td>
</tr>
<tr>
<td>48253-18</td>
<td>Plate Trailer Ratchet Strap w/ F Fitting and E Fitting 20'</td>
<td>58</td>
</tr>
<tr>
<td>48253-19</td>
<td>Plate Trailer Cam Strap w/ Wire Hook and E Fitting 12'</td>
<td>57</td>
</tr>
<tr>
<td>48253-20</td>
<td>Plate Trailer Cam Strap w/ Wire Hook and E Fitting 16'</td>
<td>57</td>
</tr>
<tr>
<td>48253-21</td>
<td>Plate Trailer Cam Strap w/ Wire Hook and E Fitting 20'</td>
<td>57</td>
</tr>
<tr>
<td>48253-22</td>
<td>Plate Trailer Cam Strap w/ F Fitting and E Fitting 12'</td>
<td>57</td>
</tr>
<tr>
<td>48253-23</td>
<td>Plate Trailer Cam Strap w/ F Fitting and E Fitting 16'</td>
<td>57</td>
</tr>
<tr>
<td>48253-24</td>
<td>Plate Trailer Cam Strap w/ F Fitting and E Fitting 20'</td>
<td>57</td>
</tr>
<tr>
<td>48407-10</td>
<td>Economy Cargo Sta 87&quot; - 102&quot; - Square Feet</td>
<td>52</td>
</tr>
<tr>
<td>48485-10</td>
<td>Single Replacement Cleat</td>
<td>62</td>
</tr>
<tr>
<td>48487-24</td>
<td>2&quot; x 140&quot; Auto Hauler Winch Strap</td>
<td>62</td>
</tr>
<tr>
<td>48496-11</td>
<td>Lashing Winch - 2,500 lbs. w/ Double</td>
<td>7, 64</td>
</tr>
<tr>
<td>48672-13</td>
<td>Series E Ratchet Strap - 1-pc. End - 12'</td>
<td>58</td>
</tr>
<tr>
<td>48672-14</td>
<td>Series E Ratchet Strap - 1-pc. End - 16'</td>
<td>58</td>
</tr>
<tr>
<td>48672-15</td>
<td>Series E Ratchet Strap - 1-pc. End - 20'</td>
<td>58</td>
</tr>
<tr>
<td>48672-16</td>
<td>LAD Ratchet Strap w/ Double Stud Fitting 12'</td>
<td>45</td>
</tr>
<tr>
<td>48672-17</td>
<td>LAD Ratchet Strap w/ Double Stud Fitting 16'</td>
<td>45</td>
</tr>
<tr>
<td>48672-18</td>
<td>LAD Ratchet Strap w/ Double Stud Fitting 20'</td>
<td>45</td>
</tr>
<tr>
<td>48672-22</td>
<td>Plate Trailer Ratchet Strap Assy</td>
<td>58</td>
</tr>
<tr>
<td>48672-23</td>
<td>Plate Trailer Ratchet Strap Assy</td>
<td>58</td>
</tr>
<tr>
<td>48672-24</td>
<td>Plate Trailer Ratchet Strap Assy</td>
<td>58</td>
</tr>
<tr>
<td>48672-33</td>
<td>Series E TLR Ratchet Strap - 1-pc. End - 12'</td>
<td>55</td>
</tr>
<tr>
<td>48672-34</td>
<td>Series E TLR Ratchet Strap - 1-pc. End - 16'</td>
<td>55</td>
</tr>
<tr>
<td>48672-35</td>
<td>Series E TLR Ratchet Strap - 1-pc. End - 20'</td>
<td>55</td>
</tr>
<tr>
<td>48770-10</td>
<td>Ratchet Buckle - 1&quot; - 500 lb. WLL</td>
<td>74</td>
</tr>
<tr>
<td>48783-10</td>
<td>Web Winch - Bottom Mount - Double Cap</td>
<td>2</td>
</tr>
<tr>
<td>48904-10</td>
<td>Bolt Plate, 2&quot;, 30 degree, Clear Zinc Plated</td>
<td>81</td>
</tr>
<tr>
<td>48922-10</td>
<td>2 x 18&quot; Fixed End Strap w/ 40891-18 Flat Hook &amp; Loop</td>
<td>37</td>
</tr>
<tr>
<td>48922-11</td>
<td>3 x 18&quot; Fixed End Strap w/ 41766-18 Flat Hook &amp; Loop</td>
<td>37</td>
</tr>
<tr>
<td>48922-12</td>
<td>4 x 18&quot; Strap w/ 41766-18 Flat Hook &amp; Loop</td>
<td>38</td>
</tr>
<tr>
<td>48922-13</td>
<td>2 x 18&quot; Fixed End Strap w/ 43120-13 Flat Hook &amp; Loop</td>
<td>37</td>
</tr>
<tr>
<td>48922-14</td>
<td>Wire Hook &amp; Loop</td>
<td>38</td>
</tr>
<tr>
<td>48922-15</td>
<td>4 x 18&quot; Strap w/ 43120-20 Narrow Hook &amp; Loop</td>
<td>38</td>
</tr>
<tr>
<td>48922-16</td>
<td>2&quot; Fixed End Strap w/ 43366-21 Chain Anchor &amp; Loop</td>
<td>37</td>
</tr>
<tr>
<td>48922-17</td>
<td>3 x 33&quot; Strap w/ 43366-12 Chain Anchor &amp; Loop</td>
<td>38</td>
</tr>
<tr>
<td>48922-18</td>
<td>4 x 33&quot; Strap w/ 43366-14 Chain Anchor &amp; Loop</td>
<td>38</td>
</tr>
</tbody>
</table>
### INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>48922-20</td>
<td>3 x 33&quot; Strap w/ 43365-12 Grab Hook &amp; Loop</td>
<td>38</td>
</tr>
<tr>
<td>48926-10</td>
<td>Ratchet Buckle - 3&quot; - 7,333 lb. WLL</td>
<td>76</td>
</tr>
<tr>
<td>48968-11</td>
<td>Roll-Off Container Hook - 5,400 lb. WLL</td>
<td>79</td>
</tr>
<tr>
<td>48987-20</td>
<td>3&quot; x 27&quot; Ratchet Strap w/ 41766-18 Flat Hooks - 5,400 lbs. WLL</td>
<td>35</td>
</tr>
<tr>
<td>48987-21</td>
<td>3&quot; x 30&quot; Ratchet Strap w/ 41766-18 Flat Hooks - 5,400 lbs. WLL</td>
<td>35</td>
</tr>
<tr>
<td>48987-24</td>
<td>3&quot; x 27&quot; Ratchet Strap w/ 43366-12 Chain Anchors - 5,400 lbs. WLL</td>
<td>35</td>
</tr>
<tr>
<td>48987-25</td>
<td>3&quot; x 30&quot; Ratchet Strap w/ 43366-12 Chain Anchors - 5,400 lbs. WLL</td>
<td>35</td>
</tr>
<tr>
<td>48987-28</td>
<td>3&quot; x 27&quot; Ratchet Strap w/ 43120-20 Wire Hooks - 5,400 lbs. WLL</td>
<td>35</td>
</tr>
<tr>
<td>48987-29</td>
<td>3&quot; x 30&quot; Ratchet Strap w/ 43120-20 Wire Hooks - 5,400 lbs. WLL</td>
<td>35</td>
</tr>
<tr>
<td>48987-90-27</td>
<td>3&quot; x 27&quot; AN CRA X-TREME Ratchet Strap w/ 41766-18 Flat Hooks</td>
<td>32</td>
</tr>
<tr>
<td>48987-90-30</td>
<td>3&quot; x 30&quot; AN CRA X-TREME Ratchet Strap w/ 41766-18 Flat Hooks</td>
<td>32</td>
</tr>
<tr>
<td>48987-92-27</td>
<td>3&quot; x 27&quot; AN CRA X-TREME Ratchet Strap w/ 43366-14 Chain Anchors</td>
<td>32</td>
</tr>
<tr>
<td>48987-92-30</td>
<td>3&quot; x 30&quot; AN CRA X-TREME Ratchet Strap w/ 43366-14 Chain Anchors</td>
<td>32</td>
</tr>
<tr>
<td>49015-18</td>
<td>18&quot; Door Pull Strap</td>
<td>54</td>
</tr>
<tr>
<td>49015-24</td>
<td>24&quot; Door Pull Strap</td>
<td>54</td>
</tr>
<tr>
<td>49015-36</td>
<td>36&quot; Door Pull Strap</td>
<td>54</td>
</tr>
<tr>
<td>49020-20</td>
<td>6' Auto Tie Down Strap w/ Snap Hooks</td>
<td>62</td>
</tr>
<tr>
<td>49020-21</td>
<td>8' Auto Tie Down Strap w/ Snap Hooks</td>
<td>62</td>
</tr>
<tr>
<td>49020-22</td>
<td>12' Auto Tie Down Strap w/ Snap Hooks</td>
<td>62</td>
</tr>
<tr>
<td>49021-21</td>
<td>Series E HD Ratchet Buckle Strap - 12'</td>
<td>58</td>
</tr>
<tr>
<td>49021-22</td>
<td>Series E HD Ratchet Buckle Strap - 16'</td>
<td>58</td>
</tr>
<tr>
<td>49021-23</td>
<td>Series E HD Ratchet Buckle Strap - 20'</td>
<td>58</td>
</tr>
<tr>
<td>49021-30</td>
<td>Series E HD TLR Ratchet Buckle Strap - 12'</td>
<td>55</td>
</tr>
<tr>
<td>49021-31</td>
<td>Series E HD TLR Ratchet Buckle Strap - 16'</td>
<td>55</td>
</tr>
<tr>
<td>49021-32</td>
<td>Series E HD TLR Ratchet Buckle Strap - 20'</td>
<td>55</td>
</tr>
<tr>
<td>49023-20</td>
<td>Auto Tie Down - Series E w/ RTJ Hooks - 6'</td>
<td>63</td>
</tr>
<tr>
<td>49023-21</td>
<td>Auto Tie Down - Series E w/ RTJ Hooks - 12'</td>
<td>63</td>
</tr>
<tr>
<td>49025-20</td>
<td>Electronic Strap 12'</td>
<td>57</td>
</tr>
<tr>
<td>49025-21</td>
<td>Electronic Strap 16'</td>
<td>57</td>
</tr>
<tr>
<td>49025-22</td>
<td>Electronic Strap 20'</td>
<td>57</td>
</tr>
<tr>
<td>49039-50</td>
<td>HD Series E Beam Assy - 96&quot;</td>
<td>50</td>
</tr>
<tr>
<td>49039-51</td>
<td>HD Series E Beam Assy - 102&quot;</td>
<td>50</td>
</tr>
<tr>
<td>49039-52</td>
<td>HD Series E Beam Assy - 106&quot;</td>
<td>50</td>
</tr>
<tr>
<td>49205-25</td>
<td>Heavy-Duty Jack Bar One-Piece - Galvanized - Bolt-on Feet - 85&quot; - 104&quot;</td>
<td>53</td>
</tr>
<tr>
<td>49288-10</td>
<td>TrackStar - Accessory Mounting Kit (8&quot; Track &amp; Hardware)</td>
<td>71</td>
</tr>
<tr>
<td>49293-13</td>
<td>Series L Track (Galvanized) 10', 1&quot; Notched Holes</td>
<td>49</td>
</tr>
<tr>
<td>49334-10</td>
<td>Coil Rack - Light Duty</td>
<td>15</td>
</tr>
<tr>
<td>49344-12</td>
<td>Coil Rack - Heavy-Duty</td>
<td>15</td>
</tr>
<tr>
<td>49345-10</td>
<td>Floor Chain Tie Down - Welded</td>
<td>25</td>
</tr>
<tr>
<td>49346-10-8P</td>
<td>Winch Std Utility Trailer Track Slider w/ Clip</td>
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<td>4&quot; x 27&quot; Ratchet Strap w/ 41766-18 Flat Hooks - 5,400 lbs. WLL</td>
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<td>4&quot; x 30&quot; Ratchet Strap w/ 41766-18 Flat Hooks - 5,400 lbs. WLL</td>
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<td>4&quot; x 27&quot; Ratchet Strap w/ Narrow Wire Hooks - 6,600 lbs. WLL</td>
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<td>4&quot; x 30&quot; Ratchet Strap w/ Narrow Wire Hooks - 6,600 lbs. WLL</td>
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<td>4&quot; x 27&quot; Ratchet Strap w/ 43366-14 Chain Anchor - 5,400 lbs. WLL</td>
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<td>49346-15</td>
<td>4&quot; x 30&quot; Ratchet Strap w/ 43366-14 Chain Anchor - 5,400 lbs. WLL</td>
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<tr>
<td>49346-90-27</td>
<td>4&quot; x 27&quot; Ratchet Strap w/ 41766-18 Flat Hooks</td>
<td>33</td>
</tr>
<tr>
<td>49346-90-30</td>
<td>4&quot; x 30&quot; Ratchet Strap w/ 41766-18 Flat Hooks</td>
<td>33</td>
</tr>
<tr>
<td>Product Number</td>
<td>Description</td>
<td>Page</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------</td>
<td>------</td>
</tr>
<tr>
<td>49346-91-27</td>
<td>4” x 27’ Ratchet Strap w/ 43366-14 Chain Anchors</td>
<td>33</td>
</tr>
<tr>
<td>49346-91-30</td>
<td>4” x 30’ Ratchet Strap w/ 43366-14 Chain Anchors</td>
<td>33</td>
</tr>
<tr>
<td>49346-93-27</td>
<td>4” x 27’ Ratchet Strap w/ 43120-13 Wire Hooks.</td>
<td>33</td>
</tr>
<tr>
<td>49346-93-30</td>
<td>4” x 30’ Ratchet Strap w/ 43120-13 Wire Hooks.</td>
<td>33</td>
</tr>
<tr>
<td>49347-10</td>
<td>2” x 18” Fixed End Strap w/ 40891-18 Flat Hook &amp; Ratchet</td>
<td>37</td>
</tr>
<tr>
<td>49347-11</td>
<td>2” x 25’ Strap w/ 40891-10 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>49347-12</td>
<td>2” x 28’ Strap w/ 40891-10 Flat Hook</td>
<td>37</td>
</tr>
<tr>
<td>49347-13</td>
<td>3” x 18” Strap w/ 41766-18 Flat Hook &amp; Ratchet</td>
<td>38</td>
</tr>
<tr>
<td>49347-14</td>
<td>3” x 25’ Strap w/ 41766-18 Flat Hook - 15,000 lb.</td>
<td>38</td>
</tr>
<tr>
<td>49347-15</td>
<td>3” x 28’ Strap w/ 41766-18 Flat Hook - 15,000 lb.</td>
<td>38</td>
</tr>
<tr>
<td>49347-16</td>
<td>4” x 18” Strap w/ 41766-18 Flat Hook &amp; Ratchet</td>
<td>38</td>
</tr>
<tr>
<td>49347-17</td>
<td>4” x 25’ Strap w/ 41766-18 Flat Hook - 15,000 lb.</td>
<td>38</td>
</tr>
<tr>
<td>49347-18</td>
<td>4” x 28’ Strap w/ 41766-18 Flat Hook - 15,000 lb.</td>
<td>38</td>
</tr>
<tr>
<td>49347-19</td>
<td>2” x 18” Fixed End Strap w/ 43120-13 Wire Hook &amp; Buckle</td>
<td>37</td>
</tr>
<tr>
<td>49347-20</td>
<td>2” x 25’ Adjustable End w/ 43120-13 Wire Hook</td>
<td>37</td>
</tr>
<tr>
<td>49347-21</td>
<td>2” x 28’ Adjustable End w/ 43120-13 Wire Hook</td>
<td>37</td>
</tr>
<tr>
<td>49347-25</td>
<td>4” x 18’ Strap w/ 43120-20 Narrow Hook &amp; Buckle</td>
<td>38</td>
</tr>
<tr>
<td>49347-26</td>
<td>4” x 25’ Strap w/ 43120-20 Narrow Hook</td>
<td>38</td>
</tr>
<tr>
<td>49347-27</td>
<td>4” x 28’ Strap w/ 43120-20 Narrow Hook</td>
<td>38</td>
</tr>
<tr>
<td>49347-28</td>
<td>2” x 33” Fixed End Strap w/ 43366-21 Chain Anchor &amp; Ratchet</td>
<td>37</td>
</tr>
<tr>
<td>49347-29</td>
<td>2” x 25’ Strap w/ 43366-21 Chain Anchor</td>
<td>37</td>
</tr>
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<td>49347-30</td>
<td>2” x 28’ Strap w/ 43366-21 Chain Anchor</td>
<td>37</td>
</tr>
<tr>
<td>49347-31</td>
<td>3” x 33” Strap w/ 43366-12 Chain Anchor &amp; Buckle</td>
<td>38</td>
</tr>
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<td>49347-32</td>
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<td>38</td>
</tr>
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<td>3” x 28’ Strap w/ 43366-12 Chain Anchor</td>
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</tr>
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<td>38</td>
</tr>
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<td>38</td>
</tr>
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<td>4” x 28’ Strap w/ 43366-14 Chain Anchor</td>
<td>38</td>
</tr>
<tr>
<td>Product Number</td>
<td>Description</td>
<td>Page</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------</td>
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<tr>
<td>49527-10</td>
<td>GlideLock Slider Bracket - For Double L Track</td>
<td>15</td>
</tr>
<tr>
<td>49542-10</td>
<td>E Fitting w/ D-Ring</td>
<td>54, 83</td>
</tr>
<tr>
<td>49562-17-72.00</td>
<td>LAD Narrow Single Track</td>
<td>44</td>
</tr>
<tr>
<td>49577-10</td>
<td>Chain Corner Protector</td>
<td>16</td>
</tr>
<tr>
<td>49583-10</td>
<td>Floor Chain Tie Down - Bolt-on</td>
<td>25</td>
</tr>
<tr>
<td>49584-10</td>
<td>Plastic Corner Protector</td>
<td>16</td>
</tr>
<tr>
<td>49603-10</td>
<td>TrackStar Wheelchock</td>
<td>71</td>
</tr>
<tr>
<td>49706-10</td>
<td>Winch Standard Wilson Track Slider w/ Clip</td>
<td>5</td>
</tr>
<tr>
<td>49706-11</td>
<td>Winch Low Profile Wilson Track Slider w/ Clip</td>
<td>5</td>
</tr>
<tr>
<td>49715-10</td>
<td>Ratchet Buckle - 2&quot; - 1,500 lb. WLL - TLR</td>
<td>75</td>
</tr>
<tr>
<td>49716-10</td>
<td>Porta Winch</td>
<td>8</td>
</tr>
<tr>
<td>49717-10</td>
<td>Porta Anchor</td>
<td>8</td>
</tr>
<tr>
<td>49717-11</td>
<td>Porta Anchor Offset</td>
<td>8</td>
</tr>
<tr>
<td>49723-10</td>
<td>Silvercap Overdrive Ratcheting Cap</td>
<td>11</td>
</tr>
<tr>
<td>49756-10</td>
<td>Steel Corner Protector</td>
<td>16</td>
</tr>
<tr>
<td>49768-10</td>
<td>Sliding Double L Hook</td>
<td>13</td>
</tr>
<tr>
<td>49770-10</td>
<td>Waste Container J Hook - 5,100 lb. WLL</td>
<td>79</td>
</tr>
<tr>
<td>49789-10-120.00</td>
<td>Winch Track - 10&quot; Aluminum Double L</td>
<td>10</td>
</tr>
<tr>
<td>49811-20L</td>
<td>Low Profile Foot and Channel Assembly</td>
<td>42</td>
</tr>
<tr>
<td>49828-10-30</td>
<td>1/4&quot; x 30' Cable Assembly w/ Chain Anchor</td>
<td>11</td>
</tr>
<tr>
<td>49828-10-32</td>
<td>1/4&quot; x 32' Cable Assembly w/ Chain Anchor</td>
<td>11</td>
</tr>
<tr>
<td>49828-11-30</td>
<td>5/16&quot; x 30' Cable Assembly w/ Chain Anchor</td>
<td>11</td>
</tr>
<tr>
<td>49828-11-32</td>
<td>5/16&quot; x 32' Cable Assembly w/ Chain Anchor</td>
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<td>49828-12-30</td>
<td>7/32&quot; x 30' Cable Assembly w/ Chain Anchor</td>
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<tr>
<td>49828-12-32</td>
<td>7/32&quot; x 32' Cable Assembly w/ Chain Anchor</td>
<td>11</td>
</tr>
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<td>49834-10</td>
<td>3 Bar Adjuster - 2&quot; - 1,000 lb. WLL</td>
<td>77</td>
</tr>
<tr>
<td>49880-12</td>
<td>12 Ton Bottle Jack w/ 2-Pc. Handle</td>
<td>89</td>
</tr>
<tr>
<td>49880-20</td>
<td>20 Ton bottle Jack w/ 2-Pc. Handle</td>
<td>89</td>
</tr>
<tr>
<td>49893-10</td>
<td>18&quot; x 18&quot; Safety Flag &amp; Wooden Dowel</td>
<td>14</td>
</tr>
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<td>49893-11</td>
<td>18&quot; x 18&quot; Cotton Flag w/ Steel Rod</td>
<td>14</td>
</tr>
<tr>
<td>49893-12</td>
<td>18&quot; x 18&quot; Red Flag w/ Grommets</td>
<td>14</td>
</tr>
<tr>
<td>49893-13</td>
<td>18&quot; x 18&quot; PVC Coated Orange Flag &amp; Wooden Dowel</td>
<td>14</td>
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<tr>
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<td>18&quot; x 18&quot; PVC Coated Orange Flag w/ Grommets</td>
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</tr>
<tr>
<td>49894-10</td>
<td>18&quot; x 84&quot; Wide Oversized Load Banner w/ 4 Ropes</td>
<td>14</td>
</tr>
<tr>
<td>49894-11</td>
<td>18&quot; x 84&quot; Wide Oversized Load Banner w/ 2 Ropes</td>
<td>14</td>
</tr>
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<td>14&quot; x 72&quot; Wide Oversized Load Banner w/ 4 Ropes</td>
<td>14</td>
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<tr>
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<td>18&quot; x 84&quot; Oversized Load Mesh Banner</td>
<td>14</td>
</tr>
<tr>
<td>49894-14</td>
<td>18&quot; x 84&quot; Wide Load Mesh Banner</td>
<td>14</td>
</tr>
<tr>
<td>49895-10</td>
<td>12&quot; x 96&quot; Canadian D Sign w/ 8 Grommets</td>
<td>14</td>
</tr>
<tr>
<td>49896-10</td>
<td>1/2&quot; Forged Ring Assy w/ Bolt-on Clip</td>
<td>13</td>
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<td>49896-11</td>
<td>1/2&quot; Forged Ring Assy w/ Weld-on Clip</td>
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<td>49897-10</td>
<td>5/8&quot; Forged Ring Assy w/ Weld-on Clip</td>
<td>13</td>
</tr>
<tr>
<td>49898-10</td>
<td>3/4&quot; Forged Ring Assy w/ Weld-on Clip</td>
<td>13</td>
</tr>
<tr>
<td>49899-10</td>
<td>1&quot; Forged Ring Assy w/ Weld-on Clip</td>
<td>13</td>
</tr>
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<td>49913-10</td>
<td>Tarp Protector</td>
<td>16</td>
</tr>
<tr>
<td>49914-10</td>
<td>Swivel J Idler Fitting - 3,333 lb. WLL</td>
<td>83</td>
</tr>
<tr>
<td>49914-11</td>
<td>Swivel J Idler Fitting Low Profile - 3,333 lb. WLL</td>
<td>83</td>
</tr>
<tr>
<td>49917-10</td>
<td>Bolt Plate, 1&quot; 45 degree</td>
<td>81</td>
</tr>
<tr>
<td>49917-11</td>
<td>Bolt Plate, 1&quot; Flat</td>
<td>81</td>
</tr>
<tr>
<td>49968-10</td>
<td>Bolt Plate, 2&quot; 45 degree</td>
<td>81</td>
</tr>
<tr>
<td>50013-31</td>
<td>Screw Pin Anchor Shacke Galvanized, 5/16&quot;, 1,500 lbs. WLL</td>
<td>22, 85</td>
</tr>
<tr>
<td>50013-38</td>
<td>Screw Pin Anchor Shacke Galvanized, 3/8&quot;, 2,000 lbs. WLL</td>
<td>22, 85</td>
</tr>
<tr>
<td>50013-44</td>
<td>Screw Pin Anchor Shacke Galvanized, 7/16&quot;, 3,000 lbs. WLL</td>
<td>22, 85</td>
</tr>
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<td>50013-50</td>
<td>Screw Pin Anchor Shacke Galvanized, 1/2&quot;, 4,000 lbs. WLL</td>
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<td>50013-63</td>
<td>Screw Pin Anchor Shacke Galvanized, 5/8&quot;, 6,500 lbs. WLL</td>
<td>22, 85</td>
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<td>50013-75</td>
<td>Screw Pin Anchor Shacke Galvanized, 3/4&quot;, 9,500 lbs. WLL</td>
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</tr>
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<td>50014-50</td>
<td>Clevis Pin Anchor Shacke Galvanized, 1/2&quot;, 4,000 lbs. WLL</td>
<td>22, 85</td>
</tr>
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<td>50014-63</td>
<td>Clevis Pin Anchor Shacke Galvanized, 5/8&quot;, 6,500 lbs. WLL</td>
<td>22, 85</td>
</tr>
<tr>
<td>50015-10</td>
<td>ERGO 360 Winch Bar - Standard</td>
<td>12</td>
</tr>
<tr>
<td>50015-20</td>
<td>ERGO 360 Winch Bar - Combination</td>
<td>12</td>
</tr>
<tr>
<td>50015-21</td>
<td>ERGO 360 Winch Bar - Combination Box End</td>
<td>12</td>
</tr>
<tr>
<td>50016-25</td>
<td>Quick Links - Zinc Plated, 1/4&quot;, 880 lbs. WLL</td>
<td>22, 85</td>
</tr>
<tr>
<td>50016-31</td>
<td>Quick Links - Zinc Plated, 5/16&quot;, 1,760 lbs. WLL</td>
<td>22, 85</td>
</tr>
<tr>
<td>50016-38</td>
<td>Quick Links - Zinc Plated, 3/8&quot;, 2,200 lbs. WLL</td>
<td>22, 85</td>
</tr>
<tr>
<td>50017-10</td>
<td>Twin Clevis G70 - Zinc Plated, 5/16&quot;, 4,700 lbs. WLL</td>
<td>23, 86</td>
</tr>
<tr>
<td>50017-11</td>
<td>Twin Clevis G70 - Zinc Plated, 3/8&quot;, 6,600 lbs. WLL</td>
<td>23, 86</td>
</tr>
<tr>
<td>50017-12</td>
<td>Twin Clevis G70 - Zinc Plated, 7/16&quot;, 11,300 lbs. WLL</td>
<td>23, 86</td>
</tr>
<tr>
<td>50019-10</td>
<td>Slip Hooks G70 - Zinc Plated - No Latch, 1/4&quot;, 3,150 lbs. WLL</td>
<td>23, 86</td>
</tr>
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<td>Slip Hooks G70 - Zinc Plated - No Latch, 5/16&quot;, 4,700 lbs. WLL</td>
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<td>Measurement</td>
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<td>23, 86</td>
</tr>
<tr>
<td>50019-20</td>
<td>Slip Hooks G70 - Zinc Plated - w/ Safety, Latch, 1/4&quot;, 3,150 lbs. WLL</td>
<td>23, 86</td>
</tr>
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<td>50019-22</td>
<td>Slip Hooks G70 - Zinc Plated - w/ Safety, Latch, 5/16&quot;, 4,700 lbs. WLL</td>
<td>23, 86</td>
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<td>Slip Hooks G70 - Zinc Plated - w/ Safety, Latch, 3/8&quot;, 6,600 lbs. WLL</td>
<td>23, 86</td>
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<td>50019-21</td>
<td>Slip Hooks G70 - Zinc Plated - w/ Safety, Latch, 5/16&quot;, 4,700 lbs. WLL</td>
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<td>23, 86</td>
</tr>
<tr>
<td>50024-10</td>
<td>Tarp Hook</td>
<td>13</td>
</tr>
<tr>
<td>50037-10</td>
<td>Ratchet Buckle - 2&quot; - 3,666 lb. WLL - Web Keeper LWH</td>
<td>75</td>
</tr>
<tr>
<td>50055-10</td>
<td>Beam Release Bar Holder</td>
<td>42</td>
</tr>
<tr>
<td>50058-18-72.00</td>
<td>LAD Flanged Single Track</td>
<td>44</td>
</tr>
<tr>
<td>50072-14-72.00</td>
<td>LAD Flanged Double Track</td>
<td>45</td>
</tr>
<tr>
<td>50080-11</td>
<td>Wide Top LAD Beam Assembly - 95.1&quot; - 105.6&quot;</td>
<td>41</td>
</tr>
<tr>
<td>50080-11-RT</td>
<td>Replacement Tube for 50080-11</td>
<td>42</td>
</tr>
<tr>
<td>50089-12</td>
<td>X-TREME Corner Guards - 12&quot; x 8&quot; x 8&quot; - Made In The USA</td>
<td>17</td>
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<tr>
<td>50089-24</td>
<td>X-TREME Corner Guards - 24&quot; x 8&quot; x 8&quot; - Made In The USA</td>
<td>17</td>
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<tr>
<td>50089-36</td>
<td>X-TREME Corner Guards - 36&quot; x 8&quot; x 8&quot; - Made In The USA</td>
<td>17</td>
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<tr>
<td>50089-48</td>
<td>X-TREME Corner Guards - 48&quot; x 8&quot; x 8&quot; - Made In The USA</td>
<td>17</td>
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<tr>
<td>50090-31</td>
<td>5/16&quot; x 67.5&quot;, WLL 4,700 lbs., Towed Machine Load Limit 16,100 lbs.</td>
<td>20</td>
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<td>50090-38</td>
<td>3/8&quot; x 69.0&quot;, WLL 6,600 lbs., Towed Machine Load Limit 20,200 lbs.</td>
<td>20</td>
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<tr>
<td>50090-50</td>
<td>1/2&quot; x 70.0&quot;, WLL 11,300 lbs., Towed Machine Load Limit 40,500 lbs.</td>
<td>20</td>
</tr>
<tr>
<td>50091-31</td>
<td>5/16&quot; - G70 Clevis Hook w/ Keeper - WLL 4,700 lbs.</td>
<td>84</td>
</tr>
<tr>
<td>50091-38</td>
<td>3/8&quot; - G70 Clevis Hook w/ Keeper - WLL 6,600 lbs.</td>
<td>84</td>
</tr>
<tr>
<td>50091-50</td>
<td>1/2&quot; - G70 Clevis Hook w/ Keeper - WLL 11,300 lbs.</td>
<td>84</td>
</tr>
<tr>
<td>50092-10</td>
<td>EZ Winder Web Winder</td>
<td>13</td>
</tr>
<tr>
<td>500-C8-RD</td>
<td>2&quot; x 8' Red Ratchet Strap w/ Twisted Snap Hook</td>
<td>64</td>
</tr>
<tr>
<td>50105-10</td>
<td>Poly Deck Board for LAD System for 16&quot; Beam Center</td>
<td>46</td>
</tr>
<tr>
<td>50105-11</td>
<td>Poly Deck Board for LAD System for 24&quot; Beam Center</td>
<td>46</td>
</tr>
<tr>
<td>51115-10</td>
<td>Series E Track Fitting - Heavy-Duty w/ Round Ring 2,000 lb. WLL</td>
<td>82</td>
</tr>
<tr>
<td>51115-11</td>
<td>Series E Track Fitting - Heavy-Duty w/ D-Ring 2,000 lb. WLL</td>
<td>82</td>
</tr>
<tr>
<td>50117-10</td>
<td>Lever Binder Locking Clip</td>
<td>25</td>
</tr>
<tr>
<td>50140-10</td>
<td>EZ Binder Lever Load Binder</td>
<td>24</td>
</tr>
<tr>
<td>50158-10</td>
<td>Series E Wide Top Decking Beam - 92.9&quot; - 103.8&quot;</td>
<td>50</td>
</tr>
<tr>
<td>50179-10</td>
<td>2&quot; x 102&quot; Auto Hauler Ratchet Strap w/ Wire Hooks</td>
<td>62</td>
</tr>
<tr>
<td>50179-11</td>
<td>2&quot; x 102&quot; Auto Hauler Ratchet Strap w/ Low Profile Swivel J Hooks.</td>
<td>62</td>
</tr>
<tr>
<td>50186-10</td>
<td>Wide Top Aftermarket Beam</td>
<td>43</td>
</tr>
<tr>
<td>50186-10-RT</td>
<td>Replacement Tube for 50186-10</td>
<td>43</td>
</tr>
<tr>
<td>50188-10</td>
<td>Foot and Channel Assy for Aftermarket Beams</td>
<td>43</td>
</tr>
<tr>
<td>50191-10</td>
<td>Heavy-Duty Aftermarket Beam</td>
<td>43</td>
</tr>
<tr>
<td>50191-10-RT</td>
<td>Replacement Tube for 50191-10</td>
<td>43</td>
</tr>
<tr>
<td>50192-14-72.00</td>
<td>LAD Standard Single Track</td>
<td>44</td>
</tr>
<tr>
<td>50193-30-72.00</td>
<td>Heavy-Duty Beveled Aircraft Style Track 72&quot; - 88</td>
<td>88</td>
</tr>
<tr>
<td>50194-100</td>
<td>Low Profile Allen Sleeve Nut and Bolt Kit for Beams</td>
<td>51</td>
</tr>
<tr>
<td>50199-10</td>
<td>Cargo Net for Short Bed Pickups</td>
<td>72</td>
</tr>
<tr>
<td>50199-11</td>
<td>Cargo Net for Long Bed Pickups</td>
<td>72</td>
</tr>
<tr>
<td>52210GL</td>
<td>Goldline EPDM Tarp Ties, 10&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52210SE</td>
<td>Silverline Elite EPDM Tarp Ties, 10&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52210</td>
<td>Silverline Rubber Tarp Ties, 10&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52215GL</td>
<td>Goldline EPDM Tarp Ties, 15&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52215</td>
<td>Silverline Rubber Tarp Ties, 15&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52215SE</td>
<td>Silverline Elite EPDM Tarp Ties, 15&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52221GL</td>
<td>Goldline EPDM Tarp Ties, 21&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52221SE</td>
<td>Silverline Elite EPDM Tarp Ties, 21&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52231GL</td>
<td>Goldline EPDM Tarp Ties, 31&quot;</td>
<td>18</td>
</tr>
<tr>
<td>52231SE</td>
<td>Silverline Elite EPDM Tarp Ties, 31&quot;</td>
<td>18</td>
</tr>
</tbody>
</table>
### INDEX BY PRODUCT NUMBER

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Item Description</th>
<th>Quantity per Box</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>52231</td>
<td>Silverline Rubber Tarp Ties, 31&quot;-</td>
<td>50 per Box</td>
<td>18</td>
</tr>
<tr>
<td>52241GL</td>
<td>Goldline EPDM Tarp Ties, 41&quot;-</td>
<td>50 per Box</td>
<td>18</td>
</tr>
<tr>
<td>52241SE</td>
<td>Silverline Elite G4EPDM Tarp Ties, 41&quot;-</td>
<td>50 per Box</td>
<td>18</td>
</tr>
<tr>
<td>52241</td>
<td>Silverline Rubber Tarp Ties, 41&quot;-</td>
<td>50 per Box</td>
<td>18</td>
</tr>
<tr>
<td>95001</td>
<td>1&quot; x 8' Cam Straps w/ Vinyl-Coated S Hooks, 2-pack.</td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>95002</td>
<td>1&quot; x 10' Ratchet Straps Vinyl-Coated S Hooks, 2-pack.</td>
<td></td>
<td>71</td>
</tr>
<tr>
<td>95003</td>
<td>1&quot; x 6' Retractable Ratchet Straps w/ Vinyl Coated S Hooks, 2-pack.</td>
<td></td>
<td>71</td>
</tr>
<tr>
<td>95004</td>
<td>1&quot; x 8' Cam Straps w/ Vinyl-Coated S Hooks, 4-pack.</td>
<td></td>
<td>71</td>
</tr>
<tr>
<td>95005</td>
<td>1&quot; x 10' Ratchet Straps w/ Vinyl-Coated S Hooks, 4-pack.</td>
<td></td>
<td>71</td>
</tr>
<tr>
<td>95006</td>
<td>Two 1&quot; Cam Straps &amp; Two 1&quot; Ratchet Straps w/ Vinyl-Coated S Hooks, 4-pack.</td>
<td></td>
<td>71</td>
</tr>
<tr>
<td>95007</td>
<td>1&quot; x 12' Endless Ratchet Straps, 2-pack.</td>
<td></td>
<td>71</td>
</tr>
</tbody>
</table>
### INDEX BY PRODUCT NAME

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjuster, 3-Bar Slide</td>
<td>77</td>
</tr>
<tr>
<td>Anchor, Chain</td>
<td>83</td>
</tr>
<tr>
<td>Auto Tie Downs</td>
<td>62, 63, 64</td>
</tr>
<tr>
<td>Banners, Safety</td>
<td>14</td>
</tr>
<tr>
<td>Bar, Beam Release</td>
<td>42</td>
</tr>
<tr>
<td>Bars, Cargo Sta</td>
<td>52</td>
</tr>
<tr>
<td>Bars, Jack</td>
<td>53</td>
</tr>
<tr>
<td>Bars, Shoring</td>
<td>51</td>
</tr>
<tr>
<td>Bars, Winch</td>
<td>12</td>
</tr>
<tr>
<td>Beam, Foot &amp; Channel Assembly</td>
<td>41, 42</td>
</tr>
<tr>
<td>Beam Release Bar</td>
<td>42</td>
</tr>
<tr>
<td>Beam Release Bar Holder</td>
<td>42</td>
</tr>
<tr>
<td>Beam Replacement Tube</td>
<td>42</td>
</tr>
<tr>
<td>Beam Sockets</td>
<td>51</td>
</tr>
<tr>
<td>Beam, Garment</td>
<td>51</td>
</tr>
<tr>
<td>Beams, Decking/Shoring</td>
<td>41, 43, 50, 51</td>
</tr>
<tr>
<td>Binders, Chain Load</td>
<td>24, 25</td>
</tr>
<tr>
<td>Binder, Ratchet</td>
<td>25</td>
</tr>
<tr>
<td>Binder, Recoilless</td>
<td>24</td>
</tr>
<tr>
<td>Bolt Plates</td>
<td>81</td>
</tr>
<tr>
<td>Bottle Jacks</td>
<td>89</td>
</tr>
<tr>
<td>Buckle, Roller</td>
<td>77</td>
</tr>
<tr>
<td>Buckles, Cam</td>
<td>77</td>
</tr>
<tr>
<td>Buckles, Overcenter</td>
<td>76</td>
</tr>
<tr>
<td>Buckles, Ratchet</td>
<td>74, 75, 76</td>
</tr>
<tr>
<td>Cable Assemblies</td>
<td>11</td>
</tr>
<tr>
<td>Cam Buckle Strap</td>
<td></td>
</tr>
<tr>
<td>Assemblies</td>
<td>45, 56, 57, 70, 71</td>
</tr>
<tr>
<td>Cam Buckles</td>
<td>77</td>
</tr>
<tr>
<td>Cargo Bar Holder</td>
<td>54</td>
</tr>
<tr>
<td>Cargo Nets</td>
<td>72</td>
</tr>
<tr>
<td>Cargo Sta</td>
<td>52</td>
</tr>
<tr>
<td>Cargo Sta Replacements</td>
<td>52</td>
</tr>
<tr>
<td>Cargo Sta, Hoop Set</td>
<td>52</td>
</tr>
<tr>
<td>Chain</td>
<td>19, 20</td>
</tr>
<tr>
<td>Chain Anchor</td>
<td>83</td>
</tr>
<tr>
<td>Chain Assemblies</td>
<td>19, 20</td>
</tr>
<tr>
<td>Chain</td>
<td></td>
</tr>
<tr>
<td>Attachments</td>
<td>21, 22, 23, 83, 84, 85, 86</td>
</tr>
<tr>
<td>Chain Binder, Lever</td>
<td>24</td>
</tr>
<tr>
<td>Chain Binder, Ratchet</td>
<td>25</td>
</tr>
<tr>
<td>Chain Binder, Recoilless</td>
<td>24</td>
</tr>
<tr>
<td>Chain Binder, Safety Clip</td>
<td>25</td>
</tr>
<tr>
<td>Chain</td>
<td></td>
</tr>
<tr>
<td>Hardware</td>
<td>21, 22, 23, 83, 84, 85, 86</td>
</tr>
<tr>
<td>Channel Assembly, Replacement</td>
<td>42, 43, 51</td>
</tr>
<tr>
<td>Clevis</td>
<td>21, 84</td>
</tr>
<tr>
<td>Clevis, Twin</td>
<td>23, 86</td>
</tr>
<tr>
<td>Coil Racks</td>
<td>15</td>
</tr>
<tr>
<td>Corner Protectors</td>
<td>16, 17</td>
</tr>
<tr>
<td>Forged D-Rings</td>
<td>13</td>
</tr>
<tr>
<td>Decking Beam Hoops</td>
<td>50</td>
</tr>
<tr>
<td>Decking/Shoring Beams</td>
<td>41, 43, 50</td>
</tr>
<tr>
<td>Dolly Straps</td>
<td>63</td>
</tr>
<tr>
<td>Door Pull Straps</td>
<td>54</td>
</tr>
<tr>
<td>Electronic Restraint Straps</td>
<td>57</td>
</tr>
<tr>
<td>ERGO 360 Winch Bars</td>
<td>12</td>
</tr>
<tr>
<td>EZ Binder</td>
<td>24</td>
</tr>
<tr>
<td>EZ Winder</td>
<td>13</td>
</tr>
<tr>
<td>F Series - Shoring Bar</td>
<td>51</td>
</tr>
<tr>
<td>Fittings, Pan</td>
<td></td>
</tr>
<tr>
<td>Fittings, Track</td>
<td>82, 83, 88,</td>
</tr>
<tr>
<td>Flat Hooks</td>
<td>79</td>
</tr>
<tr>
<td>Floor Chain Tie Down</td>
<td>25</td>
</tr>
<tr>
<td>Friction Mat</td>
<td>54</td>
</tr>
<tr>
<td>Garment Beam</td>
<td>51</td>
</tr>
<tr>
<td>Garment Rope</td>
<td>51</td>
</tr>
<tr>
<td>GlideLock</td>
<td>15</td>
</tr>
<tr>
<td>Goldline EPDM Tarp Ties</td>
<td>18</td>
</tr>
<tr>
<td>Grab Hook Assembly</td>
<td>84</td>
</tr>
<tr>
<td>Holder, Cargo Bar</td>
<td>54</td>
</tr>
<tr>
<td>Hook, Clevis</td>
<td>21, 84</td>
</tr>
<tr>
<td>Hook, Container</td>
<td>79</td>
</tr>
<tr>
<td>Hook, Corner Iron</td>
<td>13</td>
</tr>
<tr>
<td>Hook, Double L Track Slider</td>
<td>13</td>
</tr>
<tr>
<td>Hook, Grap</td>
<td>84</td>
</tr>
<tr>
<td>Hook, H-2</td>
<td>13</td>
</tr>
<tr>
<td>Hook, Rave</td>
<td>78</td>
</tr>
<tr>
<td>Hook, RTJ Cluster</td>
<td>84</td>
</tr>
<tr>
<td>Hook, Rubber Rope</td>
<td>17</td>
</tr>
<tr>
<td>Hook, S</td>
<td>78</td>
</tr>
<tr>
<td>Hook, Swivel J</td>
<td>83</td>
</tr>
<tr>
<td>Hook, Tarp</td>
<td>13</td>
</tr>
<tr>
<td>Hooks, Flat</td>
<td>79</td>
</tr>
<tr>
<td>Hooks, Slip</td>
<td>23, 84, 86</td>
</tr>
<tr>
<td>Hooks, Snap</td>
<td>80</td>
</tr>
<tr>
<td>Hooks, Waste</td>
<td>79</td>
</tr>
<tr>
<td>Hooks, Wire</td>
<td>78</td>
</tr>
<tr>
<td>Hoop Set, Cargo Sta</td>
<td>52</td>
</tr>
<tr>
<td>Hoops, Decking Beam</td>
<td>50</td>
</tr>
<tr>
<td>Jack Bar Component Kits</td>
<td>52</td>
</tr>
<tr>
<td>Jack Bars</td>
<td>53</td>
</tr>
<tr>
<td>Jacks, Bottle</td>
<td>89</td>
</tr>
<tr>
<td>Load Binder</td>
<td>24, 25</td>
</tr>
<tr>
<td>Lift-A-Deck II</td>
<td>40, 41–45</td>
</tr>
<tr>
<td>Lift-A-Deck II Straps</td>
<td>45</td>
</tr>
<tr>
<td>Lift-A-Deck Poly Deck Board</td>
<td>46</td>
</tr>
<tr>
<td>Lifting Slings</td>
<td>66, 67, 68</td>
</tr>
<tr>
<td>Links, Quick</td>
<td>22, 85</td>
</tr>
<tr>
<td>Locking Clip, Lever Binder</td>
<td>25</td>
</tr>
<tr>
<td>Merchandising Aids</td>
<td>90</td>
</tr>
<tr>
<td>Mini Ratchet Strap</td>
<td>70</td>
</tr>
<tr>
<td>Nets, Cargo</td>
<td>72</td>
</tr>
<tr>
<td>Nets, Custom</td>
<td>59</td>
</tr>
<tr>
<td>Overcenter Buckles</td>
<td>76</td>
</tr>
<tr>
<td>Pan Fittings</td>
<td>54</td>
</tr>
<tr>
<td>Poly Deck Board, LAD</td>
<td>46</td>
</tr>
<tr>
<td>Plate Trailer Straps</td>
<td>57, 58</td>
</tr>
<tr>
<td>Plates, Bolt</td>
<td>81</td>
</tr>
<tr>
<td>PortaAnchor</td>
<td>8</td>
</tr>
<tr>
<td>PortaWinch</td>
<td>8</td>
</tr>
<tr>
<td>Protectors, Corner</td>
<td>16, 17</td>
</tr>
<tr>
<td>Protector, Tarp</td>
<td>16</td>
</tr>
<tr>
<td>Protectors, Web</td>
<td>16</td>
</tr>
<tr>
<td>Ratchet Buckle Strap</td>
<td></td>
</tr>
<tr>
<td>Replacements</td>
<td>37, 38</td>
</tr>
<tr>
<td>Ratchet Buckle Strap, Series E</td>
<td>55, 58</td>
</tr>
<tr>
<td>Ratchet Strap</td>
<td></td>
</tr>
<tr>
<td>Assemblies</td>
<td>32–38, 58, 62, 63, 70</td>
</tr>
<tr>
<td>Ratchet Strap Assy, Web Keeper</td>
<td>36</td>
</tr>
<tr>
<td>Ratchet Strap, Mini</td>
<td>70</td>
</tr>
<tr>
<td>Ratchet Buckles</td>
<td>74, 75, 76</td>
</tr>
<tr>
<td>Ratcheting Cap, OverDrive</td>
<td>11</td>
</tr>
<tr>
<td>Retract-A-Roll II</td>
<td>47</td>
</tr>
<tr>
<td>Rings</td>
<td>80</td>
</tr>
<tr>
<td>Rings, Delta</td>
<td>80</td>
</tr>
<tr>
<td>Roll-On/Roll-Off Container Straps</td>
<td>31</td>
</tr>
<tr>
<td>Roller Buckle</td>
<td>77</td>
</tr>
<tr>
<td>Rope Tie Offs</td>
<td>54</td>
</tr>
<tr>
<td>Rope, Rubber</td>
<td>17</td>
</tr>
<tr>
<td>RTJ Cluster Hook</td>
<td>84</td>
</tr>
<tr>
<td>Rubber Rope</td>
<td>17</td>
</tr>
<tr>
<td>Rubber Rope Hook</td>
<td>17</td>
</tr>
<tr>
<td>Series A Track</td>
<td>49</td>
</tr>
<tr>
<td>Series E Heavy-Duty Strap</td>
<td>56</td>
</tr>
<tr>
<td>Series E Ratchet Buckle Strap</td>
<td>55, 58</td>
</tr>
<tr>
<td>Series E Track</td>
<td>48</td>
</tr>
<tr>
<td>Series E Transit Strap</td>
<td>63</td>
</tr>
<tr>
<td>Series F Channel Track</td>
<td>49</td>
</tr>
</tbody>
</table>
### INDEX BY PRODUCT NAME

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series F Track</td>
<td>49</td>
</tr>
<tr>
<td>Shackles</td>
<td>22, 85</td>
</tr>
<tr>
<td>Shoring Bar - F Series</td>
<td>51</td>
</tr>
<tr>
<td>Silverline Elite EPDM Tarp Ties</td>
<td>18</td>
</tr>
<tr>
<td>Silverline Tarp Ties</td>
<td>18</td>
</tr>
<tr>
<td>Slings, Eye to Eye Web</td>
<td>67, 68</td>
</tr>
<tr>
<td>Slings, Round</td>
<td>66</td>
</tr>
<tr>
<td>Slip Hooks</td>
<td>21, 84, 86</td>
</tr>
<tr>
<td>SilverCap OverDrive Ratcheting Cap</td>
<td>11</td>
</tr>
<tr>
<td>Snap Hooks</td>
<td>80</td>
</tr>
<tr>
<td>Socket, Beam</td>
<td>51</td>
</tr>
<tr>
<td>Stake Pocket Anchor</td>
<td>54</td>
</tr>
<tr>
<td>Strap, Ancra Lash</td>
<td>70</td>
</tr>
<tr>
<td>Strap, Ratchet</td>
<td></td>
</tr>
<tr>
<td>Assembly</td>
<td>32-38, 58, 62, 63, 70</td>
</tr>
<tr>
<td>Strap, Cam Buckle</td>
<td></td>
</tr>
<tr>
<td>Assembly</td>
<td>45, 56, 57, 70, 71</td>
</tr>
<tr>
<td>Strap, Lift-A-Deck II Assemblies</td>
<td>45</td>
</tr>
<tr>
<td>Strap, Mini Ratchet</td>
<td>70</td>
</tr>
<tr>
<td>Strap, Motorcycle</td>
<td>70</td>
</tr>
<tr>
<td>Strap, Series E</td>
<td>56</td>
</tr>
<tr>
<td>Strap, Series E Transit</td>
<td>63</td>
</tr>
<tr>
<td>Straps, Cam Buckle</td>
<td>45, 56, 57, 70, 71</td>
</tr>
<tr>
<td>Straps, Container</td>
<td>31</td>
</tr>
<tr>
<td>Straps, Door Pull</td>
<td>54</td>
</tr>
<tr>
<td>Straps, Electronic</td>
<td>57</td>
</tr>
<tr>
<td>Straps, Plate Trailer</td>
<td>57, 58</td>
</tr>
<tr>
<td>Straps, Ratchet</td>
<td></td>
</tr>
<tr>
<td>Buckle</td>
<td>32-38, 58, 62, 63, 70</td>
</tr>
<tr>
<td>Straps, Series F</td>
<td>56</td>
</tr>
<tr>
<td>Straps, Tension Limiting Ratchet</td>
<td>55</td>
</tr>
<tr>
<td>Straps, Transit w/ RTJ Hooks</td>
<td>63</td>
</tr>
<tr>
<td>Straps, Utility</td>
<td>70, 71</td>
</tr>
<tr>
<td>Straps, Winch</td>
<td>26, 27, 28, 29, 30, 31</td>
</tr>
<tr>
<td>Tarp Protector</td>
<td>16</td>
</tr>
<tr>
<td>Tarp Ties</td>
<td>18</td>
</tr>
<tr>
<td>Tension Limiting Ratchet Assemblies</td>
<td>55</td>
</tr>
<tr>
<td>Tie Downs, Auto</td>
<td>62, 63</td>
</tr>
<tr>
<td>Tie Downs, Cam Buckle Packaged</td>
<td>70, 71</td>
</tr>
<tr>
<td>Tie Downs, Combo Packs</td>
<td>70, 71</td>
</tr>
<tr>
<td>Tie Downs, Floor Chain</td>
<td>25</td>
</tr>
<tr>
<td>Tie Downs, Ratcheting Packaged</td>
<td>70, 71</td>
</tr>
<tr>
<td>Tie Offs</td>
<td>54</td>
</tr>
<tr>
<td>Ties, Tarp</td>
<td>18</td>
</tr>
<tr>
<td>Tire Bonnets</td>
<td>64</td>
</tr>
<tr>
<td>Track, Lift-A-Deck II</td>
<td>44, 45</td>
</tr>
<tr>
<td>Track, Aircraft</td>
<td>88</td>
</tr>
<tr>
<td>Track Fittings</td>
<td>54, 82, 83, 88</td>
</tr>
<tr>
<td>Track, Heavy-Duty</td>
<td>88</td>
</tr>
<tr>
<td>Track, Series A</td>
<td>49</td>
</tr>
<tr>
<td>Track, Series E</td>
<td>49</td>
</tr>
<tr>
<td>Track, Series F</td>
<td>49</td>
</tr>
<tr>
<td>Track, Series F Channel</td>
<td>49</td>
</tr>
<tr>
<td>Track Stop</td>
<td>42</td>
</tr>
<tr>
<td>Trackstar Accessory Mounting Kit</td>
<td>71</td>
</tr>
<tr>
<td>Trackstar WheelChock</td>
<td>71</td>
</tr>
<tr>
<td>Transmat</td>
<td>54</td>
</tr>
<tr>
<td>Truck &amp; Trailer Fittings (pan, anchor)</td>
<td>54</td>
</tr>
<tr>
<td>Utility Strap</td>
<td>70</td>
</tr>
<tr>
<td>Web Protectors</td>
<td>16</td>
</tr>
<tr>
<td>Web Winder</td>
<td>13</td>
</tr>
<tr>
<td>Webbing</td>
<td>87</td>
</tr>
<tr>
<td>WheelChock</td>
<td>71</td>
</tr>
<tr>
<td>Winch Bars</td>
<td>12</td>
</tr>
<tr>
<td>Winch Straps</td>
<td>26, 27, 28, 29, 30, 31</td>
</tr>
<tr>
<td>Winch Track</td>
<td>10</td>
</tr>
<tr>
<td>Winches Web</td>
<td>2, 3, 4, 5, 7</td>
</tr>
<tr>
<td>Winch, Cable</td>
<td>6</td>
</tr>
<tr>
<td>Winches, Combination</td>
<td>6</td>
</tr>
<tr>
<td>Winches, Lashing</td>
<td>7, 64</td>
</tr>
<tr>
<td>Winches, PortaWinch, PortaAnchor</td>
<td>8</td>
</tr>
<tr>
<td>Winches, Sliders</td>
<td>3, 4, 5</td>
</tr>
<tr>
<td>Winder, Web</td>
<td>13</td>
</tr>
<tr>
<td>Wire Hooks</td>
<td>78</td>
</tr>
<tr>
<td>Winches, 3-Bar</td>
<td>5</td>
</tr>
<tr>
<td>X-TREME Guard Corner Protector</td>
<td>17</td>
</tr>
<tr>
<td>X-TREME Winch Strap</td>
<td></td>
</tr>
<tr>
<td>Assemblies</td>
<td>26, 27, 28, 31, 32, 33, 36</td>
</tr>
</tbody>
</table>
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