











# FLATBED CARGO CONTROL PRODUCTS

<p><b>STANDARD WINCH</b></p>  <p>For Weld-on Bottom Mounting <b>Part No. 1010102</b></p>	<p><b>LOW-PROFILE WINCH</b></p>  <p>For Weld-On Side Mounting <b>Part No. 1010104</b></p>	<p><b>PORTABLE WINCH</b></p>  <p>Flexible Placement Along Trailer Side Channel <b>Part No. 1010105</b></p>	<p><b>PORTABLE WINCH</b></p>  <p>Low Profile Flexible Placement Along trailer Side Channel <b>Part No. 1010106</b></p>
<p><b>STANDARD SLIDING WINCH</b></p>  <p>Adjusts location by sliding in track shown on this page. Locks firmly in place when under load <b>Part No. 1010108</b></p>	<p><b>STANDARD SLIDING WINCH</b></p>  <p>Adjusts location by sliding in track 3608 only! Locks firmly in place when under load <b>Part No. 1020</b></p>	<p><b>STORABLE SLIDING WINCH</b></p>  <p>Adjusts location by sliding in track shown on this page. Allows extra storage of webbing <b>Part No. 5820</b></p>	<p><b>WINCH TRACK</b></p>  <p>For sliding winches. Steel. In 6 foot lengths <b>Part No. 3606</b></p>

## WINCH BARS

- A
- B
- C



Winch bars feature knurled slip-resistant handle with carbon steel nose piece for strength.

- A** Standard bar, chrome plated. **Part No. 1010107**
- B** Standard bar, painted. **Part No. 37030**
- C** Combination chrome plated winch bar features modified handle for use in tightening chain binders. **Part No. 10033**



**Warning:** When tightening and 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 the winch bar without the pawl being properly engaged can cause serious injury to the user or bystanders. The use of a winch bar specifically designed to loosen or tighten winches is recommended. "Cheater bars" or extenders should not be used with the winch bars. The tip of the winch bar should be inserted through both holes in the end cap of the winch to prevent the winch bar from slipping out, and overloading the bar tip or winch end cap.

Made from resin coated polyester for minimum stretch and maximum wear resistance. Labeled to meet CVSA guidelines, DOT regulations, and WSTDA recommended standards.

Webbing Breaking Strength: 20,000 lbs  
 Assembly Breaking Strength: 15,000 lbs  
 Working Load Limit: 5,000 lbs

27 Foot Strap Assembly: **Part No. 1010092**  
 30 Foot Strap Assembly: **Part No. 1010093**

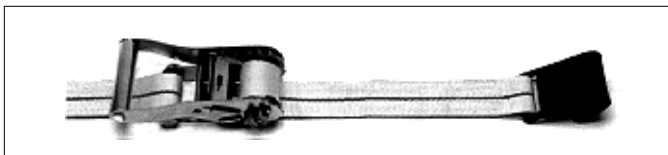
## WINCH STRAPS 4" WIDE WEBBING





## FLATBED RATCHET STRAP ASSEMBLIES

### STANDARD RATCHET STRAPS FOR FLATBEDS



For flatbed tie-down requirements. Two inch wide strap has an 18" fixed end, with two inch wide flat hooks on both ends. Wide handle ratchet.

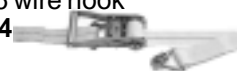
<b>Breaking Strength</b>	10,000 lb.
<b>Working Load Limit:</b>	3,335 lb.
<b>Length</b>	<b>Part No.</b>
27'	1010088
30'	1010089



**Fixed End Replacement**  
Wide handle ratchet assembly with 18" webbing section and 2" wide flat hook  
**Part No. 1010091**

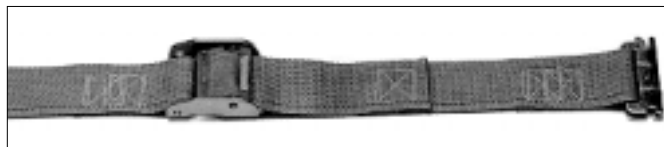
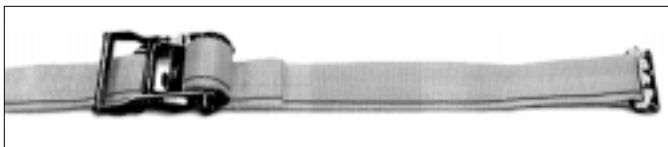
**Adjustable End Replacements**  
Webbing with flat hook one end  
**For 27' Assembly**  
25' Length **Part No. 1010090**  
**For 30' Assembly**  
28' Length **Part No. 1010094**

**Ratchet Strap Assembly**  
Wide handle ratchet assembly with 2"x27' webbing section and 1006 wire hook  
**Part No. 512784**



## LOGISTIC STRAPS FOR VAN INTERIORS

Designed to take care of most interior van loading requirements. Straps have 4' fixed end as standard. All webbing captive to buckle. 12 foot assemblies are easily identified with yellow webbing, 16 foot assemblies with gray webbing.



### 2" Strap Assemblies

#### With 811 Ratchet and 4900 Webbing.

Assembly Breaking Strength: 3,000 lbs.  
Working Load Limit: 1,000 lbs.

12' Assembly (Yellow Webbing) **Part No. 641201**  
16' Assembly (Gray Webbing) **Part No. 641601**

### 2" Strap Assemblies

#### With 910 Cam Buckle and 4900 Webbing.

Assembly Breaking Strength: 2,500 lbs.  
Working Load Limit: 835 lbs.

12' Assembly (Yellow Webbing) **Part No. 651201**  
16' Assembly (Gray Webbing) **Part No. 651601**

## ADJUSTABLE CARGO BARS



### Steel Tube Saf-T-Lok Bar

Steel tubing with steel rack, pivoting rubber feet. Heavy duty steel handle, and cast aluminum housing. Rubber feet won't scuff trailer walls. Adjusts from 89" to 105". 11.8 lbs. **Part No. 1012850**



### Aluminum Tube Saf-T-Lok Bar

High strength aluminum tubing, Heavy duty steel handle, steel rack, aluminum housing. Molded rubber feet won't scuff trailer sidewalls. Adjusts from 89" to 105". 11.8 lbs. **Part No. 1012860**



### Round Galvanized One-Piece Jack Bar

Adjusts from 86" to 104". Welded molded rubber feet resist scuffing trailer sidewalls. 12.3 lbs.

**Part No. 1012835**



### Zinc-Plated Square Load Bar

Adjusts from 86" to 113". Bar is made 1-11/2" square steel tubing

**Part No. 1012845**

### Bar Tender™ Cargo Bar Holder



Designed to provide storage for various styles of load bars on the exterior of the tractor cab. The Bar Tender™ can be locked with a padlock to deter theft.  
**Part No. 10062**

**DECKING/SHORING TRACK****TARP STRAPS**

Heavy duty weather resistant rubber. Resists chemicals, salt, fumes. "S" hooks included. In boxes of 50. (TS=USA MADE, OSG=IMPORT)

**Retracted Sizes Listed**

USAMADE Part No.	Size	IMPORT Part No.	Size
TS10	10"	OSG10	10"
TS15	15"	OSG15	15"
TS21	21"	OSG21	21"
TS31	31"	OSG31	31"
TS41	41"	OSG41	41"

**"S" Hooks Only:  
Part No. TS100S**

6" ROPE TIE OFF  
for E TRACK  
Part No. 660001

**SERIES E TRACK HORIZONTAL****SERIES E TRACK  
Part No. 43001**

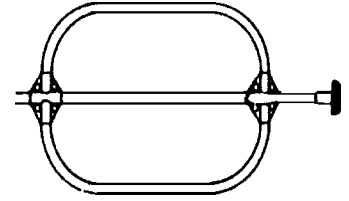
12 gauge steel,  
Galvanized  
Ten foot lengths

**SERIES E TRACK  
Part No. 43002**

High strength  
12 gauge steel,  
50,000 PSI, painted.  
Ten foot lengths

**Cargo Hoop Sets  
For Cargo Bars**

Mount easily to most cargo bars. Set contains two hoops with installation hardware. 11 lbs.

**Part No. 1010082****Wood Beam Socket**

Designed for use with standard 2" x 6" lumber. Positive locking mechanism. Zinc plated.

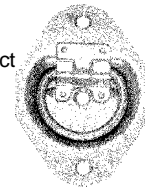
**Part No. 1845****Recessed Rope Ring**

For use with 3/8" plywood. Pan recessed to allow direct mounting to vehicle structural members.

Overall Length: 5"

Overall Width: 3-1/2"

Depth: 3/8"



Size is 1-1/2 X 1-1/2

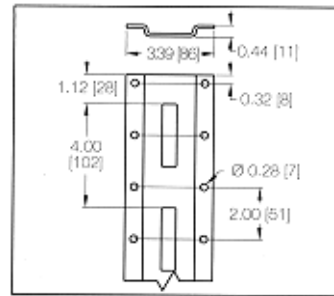
1/4" holes, 14ga clip

Part No. 1020222

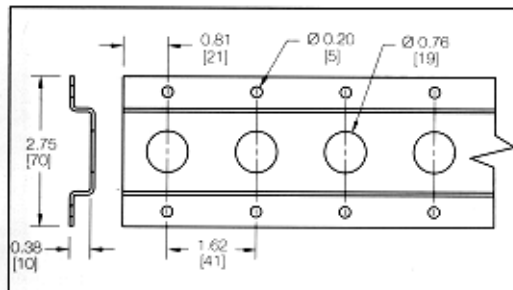
Part No. B23-DRING

**SERIES E TRACK VERTICAL**

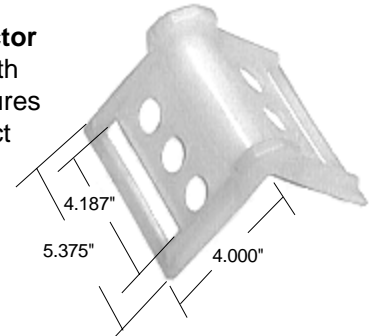
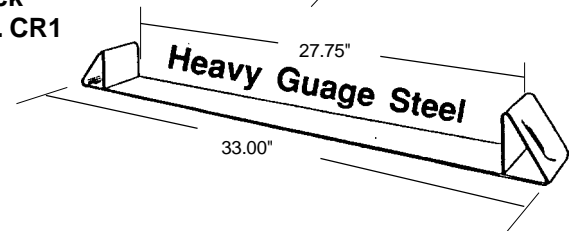
High strength 11 gauge steel, 50,000 PSI, Painted. Ten foot lengths

**Part No. 2019****SERIES F TRACK**

**SERIES F TRACK**, Horizontal or Vertical. High strength 15 gauge galvanized steel. Ten foot lengths  
**Part No. 2005**

**Plastic Corner Protector**

Designed to protect both strap and cargo. Features corner recess to protect cargo edge.

**Part No. 1010080****Coil Rack  
Part No. CR1**

**Heavy Gauge Steel**



## DECKING/SHORING BEAMS



### Series E or A Aluminum Beam

Made from extruded high strength aluminum. Head assemblies are all steel, zinc plated and tapered. Vertical and Horizontal Rating: 2,000 lbs.

**For 96" Wide Trailers** - Adjusts from 85" to 94.7"  
**Part No. FE8066-1**

**For 102" Wide Trailers** - Adjusts from 96" to 102"  
**Part No. FE8066-3**



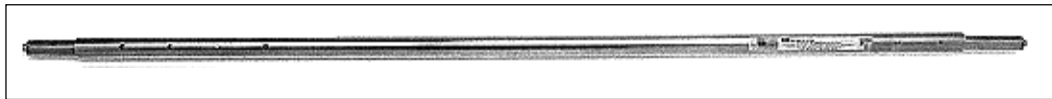
### Heavy Duty Series E or A Aluminum Beam

Made from extruded high strength aluminum. 25% more aluminum than in standard beams. Head assemblies are all steel, zinc plated and tapered.

Vertical Rating: 3,000 lbs.  
 Horizontal Rating: 2,500 lbs.

**For 96" Wide Trailers** - Adjusts from 85" to 94.7".  
**Part No. FE8000-1**

**For 102" Wide Trailers** - Adjusts from 92.2" to 102".  
**Part No. FE8000-12**



### Series F Round Shoring Bars

Made of galvanized steel tubing. Spring-loaded end adjusts 5". Additional 4" increments of adjustment can be made with the easy to use push button mechanism.

Vertical and Horizontal Rating: 500 lbs.

**For 96" Wide Trailers** - Adjusts from 79" to 93".  
**Part No. 1816-1**

**For 102" Wide Trailers** - Adjusts from 92" to 106".  
**Part No. 1816-2**

**For 102" Wide Trailers** - Adjusts from 100" to 114".  
**Part No. 1816-3**

### Replacement Parts



Attaching Pin  
**Part No. FE7053-1**



Head Unit  
**Part No. FE7955-8**



Trigger Repair Kit  
**Part No. FF877**



# KAPTIVE BEAM™ SYSTEM

## KAPTIVE BEAM™ SYSTEM

The Kinedyne Kaptive Beam™ System will revolutionize the way you ship freight. Built and engineered with all your needs in mind it allows you to:

- Provide quick and economical decking.
- Prevent the loss or theft of beams.
- Maximize your usable trailer cube.
- Increase revenue per mile.
- System can be shown to pay for itself within 3,500 miles.

### SYSTEM OPERATION

Operating the Kinedyne Kaptive Beam™ System is quick and simple.

1. Before starting to load, make sure that all beams are in fully raised position to clear forklift mast.
2. The first set of beams are lowered into place.
3. Load the first section at the front of the trailer. Load pallets on upper deck first.
4. Lower beams for next section. To finish the loading process, simply repeat the steps.

When the system is not in use, the beams can be quickly and easily raised to ceiling level and stored out of the way. The trailer can then be used to transport products that do not require the Kinedyne Kaptive Beam™ System.

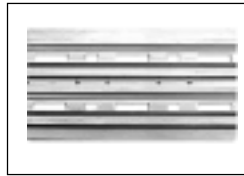
### SYSTEM COMPONENTS

#### System Track

The system track is manufactured from high-strength aluminum alloy. With a wider flange, the track is designed to allow for easy installation into most trailer configurations. The system track can be flush mounted into the walls of the trailer or surface mounted in standard or plate trailers. The system can also be built into refrigerated trailers with proper modifications to support structure. The track contains both long and short slots that allow for greater versatility. These slots can accommodate both the Kinedyne Kaptive Beams™ and the Kinedyne E or A series beams and logistic straps.



**TRACK**    **Flanged Track**  
**SPECS:**    **Part No. 2041-072**  
**Weight:** 6.1 lb. / 2.8 kg  
**Length:** Standard 6ft. / 1.8m  
**Material:** High Strength Heat Treated Alum. Alloy



**Double Row Flanged Track**  
**Part No. 2042-072**  
**Weight:** 12.2 lb. / 5.6 kg  
**Length:** Standard 6ft. / 1.8m  
**Material:** High Strength Heat Treated Alum. Alloy

#### Beams

The Kinedyne Kaptive Beams™ are manufacture from the same high-strength, heat-treated aluminum alloy that is used in the system track. Kinedyne offers two types of beams; an economical standard duty beam and heavy duty beam, so you can customize the system to fit your cargo needs.

The head assembly , which attaches to the Kinedyne Kaptive Beam™, is manufactured from a high-strength, heat-treated steel. This head assembly has a spring loaded trigger mechanism which locks the beam into the desired track slot. The Kinedyne Kaptive Beam™ head assembly can be taken apart easily for repair or replacement.



Decking Application



Head Assembly & Track

Part No.	Description
<b>8694-96</b>	Standard Beam for 96" Trailers
<b>8649-102</b>	Standard Beam for 102" Trailers
<b>8694-96HD</b>	Heavy-Duty Beam for 96" Trailers
<b>8694-102HD</b>	Heavy-Duty Beam for 102" Trailers
<b>2041-072</b>	Flanged Track (6ft)
<b>2042-072</b>	Double Row Flanged Track (6ft)
<b>10021</b>	Retracting Pole
<b>FE7053-1</b>	Attaching Pin for Head Assem.
<b>8694-4</b>	Locking Head
<b>8694-5</b>	Beam Head Insert

#### Beam Specifications:

**Heavy Duty Decking/Vertical Rating**

**Shoring/Horizontal Rating:**

2,200lb/1000kg uniformly distributed working load limit.

**Standard Duty Decking/Vertical Rating**

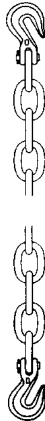
**Shoring/Horizontal Rating**

1,500lb/680kg uniformly distributed working load limit.



## CHAIN PRODUCTS

Grade 43 High Test Tiedown Chains With Clevis Hooks			
Size	Weight Each	Working Load Limit	Part No.
3/8 x 20	32	5,400	<b>3/8X20G43</b>
3/8 x 25	39	5,400	<b>3/8X25G43</b>
Grade 70 Transport Tiedown Chain Tiedown Chains With Clevis Hooks			
Size	Weight Each	Working Load Limit	Part No.
5/16 x 16	22	4,700	<b>5/16X16GR70</b>
5/16 x 20	27	4,700	<b>5/16X20GR70</b>
5/16 x 25	30	4,700	<b>5/16X25GR70</b>
3/8 x 16	26	6,600	<b>3/8X16GR70</b>
3/8 x 20	32	6,600	<b>3/8X20GR70</b>



### Cargo Securement Rules

January 1, 2004. The rule change revolves around tie-downs for equipment. Currently, one-half of the working load must be secured, which is generally done with two chains of appropriate grade. The new rules require a minimum of four tie-downs regardless if two cover the weight of the working load. The tie-downs should be placed at the front and the rear of the load and at appropriate points in-between. Additionally, all unnecessary equipment must be completely lowered and secured. Articulation vehicles must also be restrained in a manner that prevents articulation while in transit. The change creates more work for the driver, but should eliminate roadside haggling over whether or not a load is properly secured.



Clevis Type Grab Hooks Grade 70			
Hook Size	Chain Size	Working Load Limit	Part No.
5/16	5/16	4,700	<b>3570-305-05</b>
3/8	3/8	6,600	<b>3570-405-05</b>



### Floor Chain Tiedown

3/8" chain. For use on steel frame trailers. Self storing. Grade 43  
Working Load Limit: 5000 lbs.  
**Part No. 10421**

### Chain Binders

For heavy duty interstate transport users. Meets all DOT requirements.

Part No.	Description	Take-Up (Inches)	Weight (lbs)	Working Load Limit	Min. Break Strength
<b>1010103</b>	5/16 - 3/8 Lever Type	4.50"	8.25	7,100	24,600
<b>1010115</b>	5/16 - 3/8 Lever Type	3.75"	8.25	5,400	19,000
<b>1010116</b>	5/16 - 3/8 Ratchet	8.00"	8.50	5,400	19,000
<b>PR-1</b>	5/16 - 3/8 Ratchet	8.00"	12.25	7,300	26,400

1010103

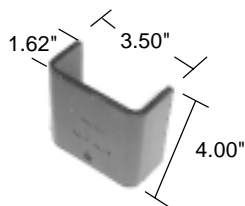


PR-1



The values for working loads shown here should be used for calculating the number of chain tiedown assemblies required to secure cargo in compliance with DOT regulations.

**Straight Stake Pocket**  
Steel Stamping.  
Black primer.  
**Part No. 982-00014**



**D-Ring Assembly**  
Welded steel ring made from 5/8" dia. stock. Primer finish. Tested to 6000 lbs.  
**Part No. 982-00046**

