

CARGO CONTROL USA



CARGO CONTROL & TRANSPORT



TOW & RECOVERY



LIFTING & RIGGING



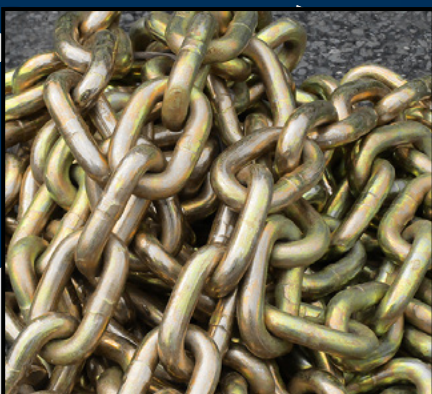
ENDLESS ROUND SLINGS



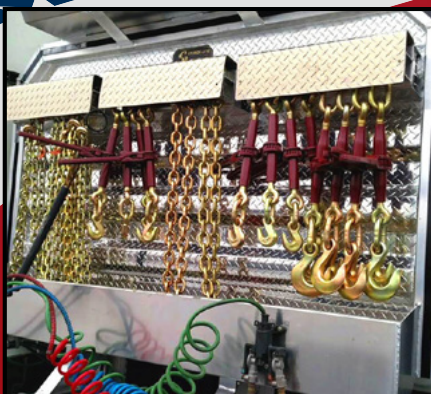
TRAILER SAFETY



GRADE 100 CHAIN & FITTINGS



BULK CHAIN & ASSEMBLIES



RATCHET LOAD BINDERS



BULK WEBBING

**CARGO SECUREMENT ★ LIFTING & RIGGING ★ TIE DOWNS
AUTO HAULER ★ TOWING & RECOVERY**



U.S. Small Business
Administration

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Terms and Conditions

- Terms of Payment:** Standard terms are Net 30 days from date of invoice for approved credit accounts. C.O.D. or C.I.A. terms may be arranged without credit approval. All sales are final.
- Freight Policy:** A freight allowed policy will be arranged with each customer based on weight or order value. For orders that meet the full freight allowed terms, shipping will be arranged at the discretion of Cargo Control USA. This will be based on established freight rates and shipping time. For shipments that are freight paid by the customer, a preferred carrier may be specified by the customer.
- Credit and Claims:** All claims for shortages, errors, defective merchandise, billing errors or price discrepancies must be received within 10 days after receipt of goods. Once the adjustment has been agreed upon, a credit memo will be issued from the Billing Department. All material ordered becomes the property of the purchaser upon delivery to the carrier. Claims for short shipments or damaged goods should be made to the carrier immediately.
- Return of Merchandise:** No goods may be returned without written Return Merchandise Authorization. If the return is the result of a customer error, Cargo Control USA will do its best to minimize any expense on the customer's account. Our standard restocking fee is 20% plus freight costs. Returns for credit are at the sole discretion of Cargo Control USA.
- Prices:** Invoices will be based on the list prices or quoted prices prevailing at the time of shipment. Due to occasional cost fluctuations, please check with a sales representative concerning price levels.
- Warranty:** Cargo Control USA warrants all products to be free from manufacturing defects. If a product is found to be defective after inspection by an authorized representative of Cargo Control USA, the original purchase price will be refunded. Cargo Control USA makes no other warranty of any other kind, expressed or implied. Seller expressly disclaims all other warranties, expressed or implied, including any warranty of merchantability and any warranty of fitness for a particular purpose.
- Sourcing:** *Some finished goods may be comprised of components sourced off shore or in the USA. For more information please contact your sales representative.

Warnings, Definitions, and Cautions

- Working Load Limit:** The Working Load Limit or Safe Working Load is the maximum load which should ever be applied to the product under any condition. The Working Load Limit is based on a load being uniformly applied in a straight line pull.
- Breaking Strength:** Do NOT use Breaking Strength for design or rating purposes. Use the Working Load Limit instead. Breaking Strength is an average figure at which samples have been found to break under laboratory conditions in straight line pulls with constantly increasing loads. These conditions are rarely duplicated in actual use. The Breaking Strength applies to new and unused wire rod for Wire Rope, Aircraft Cable, and Chain.
- Proof Load:** The load a product can withstand during quality control test for the purpose of detecting defects and deformation in the material, usually twice the Working Load Limit.
- Matching Components:** All attachments used with chain and wire rope must be of suitable material, type and strength to provide adequate safety protection. Attachments should have Working Load Limits at least equal to the other components with which they are used.
- Inspection Warning:** No product can operate indefinitely at its rated capacity. Cable, wire rope, chain, and their attachments must be inspected regularly by a trained or qualified individual for visible damage, distortion, elongation, corrosion, cracks, nicks, or abrasion, which may cause failure or reduce the strength or ability of the product to perform safely.
- Shock Loads:** Loads which exceed the static caused by a rapid change of movement, such as jerking, impacting, or swinging of load. Working Load Limits will not apply.
- Marking Requirements:** The US Customs law requires that the end user of imported products be informed of the country of origin. All imported products sold by Cargo Control USA are marked accordingly. Re-sellers are responsible to relay this country of origin information to the end user.
- Warnings:**
- No product can operate indefinitely at its rated capacity.
 - Avoid shock loads and side loads.
 - Keep out from under a raised load.
 - Never exceed the Working Load Limit.
 - Inspect your rigging products regularly.
- Full General Warnings on page 75.**

General Information, Safety Guidelines, and Capacity Ratings

All breaking strengths in this catalog are based on the load a component or assembly will withstand before failing. By standard of the industry, working load (WLL) is 1/3 of the breaking strength. Unless otherwise specified, all ratings are based on a straight tensile pull. Load directions other than straight can result in a substantial reduction in breaking strength. Products from another manufacturer, though similar, may not be rated the same. Ratings shown in this catalog are contingent upon using CARGO CONTROL USA, LLC beams, webbing, and hardware as a complete working unit.

All cargo restraint products must be attached to securing points of equal or greater strength for rating capacities to be maintained. Any modification of parts and/or assemblies may decrease WLL capacities.

CAUTION!

- Tie downs are intended for securing cargo only. Strap assemblies are NOT intended and should never be used for lifting purposes.
- Webbing straps must be protected when used on abrasive or sharp edges/surfaces.
- All worn, damaged, or deformed products should be removed from service immediately and replaced.
- Straps should never be tied into knots; to do so can greatly reduce the rated capacity.

IMPORTANT INDUSTRY STANDARDS

The US Department of Transportation regulations subchapter B – Motor Carrier Safety Regulations, 49 CFR, Part 393, Paragraph 393.102(b) requires: “The aggregate working load limit of the tie down assemblies used to secure an article against movement in any direction must be at least ½ times the weight of that article.”

It is the ultimate responsibility of the user to determine the proper working load limit requirement for specific applications and if the specific tie down product(s) being used is appropriate for that application. User should consult the vehicle manufacturer for questions regarding anchorage strength rating.

EXAMPLE:

Determining the # of web tie downs required when using WLL:
 Weight of article being secured is 30,000 LBS
 WLL of a standard 4” strap is 5,000 (or as indicated on label)
 Required aggregate WLL = ½ x 30,000 LBS = 15,000 LBS
 15,000 LBS ÷ 5,000 LBS (WLL of Strap) = 3

A minimum of 3 web tie downs is required to secure this article properly, based ONLY on the weight of this article.

Additional factors that should be considered (but not limited to) when determining the number and location of web tie downs, as specified by state, federal, provincial local, and industry regulations are:

- Article weight
- Stakes, blocking and bracing
- Number of tiers
- Length of load to be secured
- Abrasive surfaces
- Expected dynamic G forces
- Sharp edges
- Strength rating of anchor point
- Tension of tie down should NEVER exceed WLL
- Configuration of the load (pipe, coil, etc.)

It is important to consider any factor(s) that may affect the safe securement of the load during normal and emergency conditions.

MANUFACTURER’S LIMITED WARRANTY

Parts are guaranteed to be free from defect(s) in material or workmanship for a period of six months from the date of shipment. Parts used for purposes other than their intended application, abused, neglected, damaged due to exposure to the elements or chemicals will not be covered by this warranty. Parts which have been altered or repaired will not be covered by this warranty. Any parts found to be defective will be repaired or replaced by the manufacturer. Manufacturer may require that the defective part(s) be returned as a condition of replacement and must include the original manufacturer’s capacity tag or other identification. Claims are to be governed by the state of North Carolina.

This limited warranty supersedes all other warranties expressed or implied, including, but not limited to any implied warranty of merchantability of fitness for any particular purpose. In no event will the company be liable for special, indirect, or consequential damages or loss of vehicle, cargo, or profits. It is the responsibility of the owner and/or user to determine suitability of a product for any particular use, check all applicable industry, trade association, federal, state, and local regulations, and to read all operating instructions and warnings carefully to ensure proper use. Cargo Control USA, LLC must be notified of any product in question within the warranty period in order to issue an approved RA number and return shipping instructions. Products returned without an authorized RA number will be refused and cost(s) will be the responsibility of the purchaser.





RATCHET ASSEMBLY WITH FLAT HOOK W/ PROTECTOR CLIP

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FH10R27	2"	27'	2" Flat Hook w/ Protector Clip	3,333
FH10R30	2"	30'	2" Flat Hook w/ Protector Clip	3,333
FH15R27	3"	27'	3" Flat Hook w/ Protector Clip	5,000
FH15R30	3"	30'	3" Flat Hook w/ Protector Clip	5,000
FH15M4R27	4"	27'	4" Flat Hook w/ Protector Clip	5,400
FH15M4R30	4"	30'	4" Flat Hook w/ Protector Clip	5,400

RATCHET ASSEMBLY WITH WIRE J-HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
JH10R27	2"	27'	2" Wire J-Hook	3,333
JH10R30	2"	30'	2" Wire J-Hook	3,333
JH15R27	3"	27'	3" Wire J-Hook	5,000
JH15R30	3"	30'	3" Wire J-Hook	5,000
JH15M4R27	4"	27'	4" Wire J-Hook	5,400
JH15M4R30	4"	30'	4" Wire J-Hook	5,400

RATCHET ASSEMBLY WITH GRAB HOOK AND PEAR LINK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
GH10R27	2"	27'	5/16" Grab Hook	3,333
GH10R30	2"	30'	5/16" Grab Hook	3,333
GH15R27	3"	27'	3/8" Grab Hook	5,000
GH15R30	3"	30'	3/8" Grab Hook	5,000
GH15M4R27	4"	27'	3/8" Grab Hook	5,400
GH15M4R30	4"	30'	3/8" Grab Hook	5,400

RATCHET ASSEMBLY WITH NARROW FLAT HOOKS

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FH6R27	2"	27'	2" Narrow Flat Hook	2,000
FH6R30	2"	30'	2" Narrow Flat Hook	2,000

Part Numbers shown here represent the "popular sizes." Standard lengths are 27' & 30'. We also offer 10' to 50'. We can manufacture to any length. Please call for more information. 2" assemblies boxed 10/case.

RATCHET ASSEMBLY WITH TWISTED SNAP HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
TSH10R27	2"	27'	2" Twisted Snap Hook	3,333
TSH10R30	2"	30'	2" Twisted Snap Hook	3,333



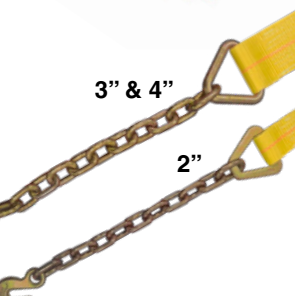
RATCHET ASSEMBLY WITH FLAT SNAP HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FSH10R27	2"	27'	2" Flat Snap Hook	3,333
FSH10R30	2"	30'	2" Flat Snap Hook	3,333
FSH15R27	3"	27'	3" Flat Snap Hook	5,000
FSH15R30	3"	30'	3" Flat Snap Hook	5,000



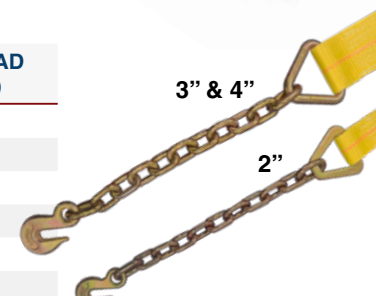
RATCHET ASSEMBLY WITH DELTA RING

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
DR10R27	2"	27'	2" Delta Ring	3,333
DR10R30	2"	30'	2" Delta Ring	3,333
DR15R27	3"	27'	3" Delta Ring	5,000
DR15R30	3"	30'	3" Delta Ring	5,000
DR15M4R27	4"	27'	3" Delta Ring	5,400
DR15M4R30	4"	30'	3" Delta Ring	5,400



RATCHET ASSEMBLY WITH CHAIN & GRAB

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
CG10R27	2"	27'	2" Chain and Grab	3,333
CG10R30	2"	30'	2" Chain and Grab	3,333
CG15R27	3"	27'	3" Chain and Grab	5,000
CG15R30	3"	30'	3" Chain and Grab	5,000
CG15M4R27	4"	27'	3" Chain and Grab	5,400
CG15M4R30	4"	30'	3" Chain and Grab	5,400



2" assemblies are made with 15" chain anchor with d-ring, and 5/16" chain hook.
 3" & 4" assemblies are made with 18" chain anchor with 3" d-ring, and 3/8" chain hook.



2" LONG WIDE RATCHET HANDLE STANDARD FOR 2" ASSEMBLIES

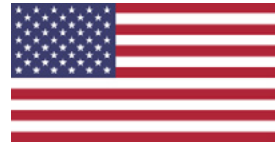
Cargo Control Assembly Part Numbers: FH10R27 = FH(Hardware) 10(Capacity) R(Ratchet) 27(Length)
 Example Part Number: JH10R15 = J-Hook, 10,000 lbs. Ratchet Strap 15' Long

CUSTOMIZE COLOR, WEBBING & LENGTH

Additional colors available. Minimum order may be required.

Our straps are designed and manufactured in Sanford, North Carolina; allowing us to fully customize our products to meet the needs of the market(s) served by our dealers. All assemblies are manufactured & clearly tagged to meet or exceed DOT & FMCSA specifications and backed by the best warranty in the industry today.

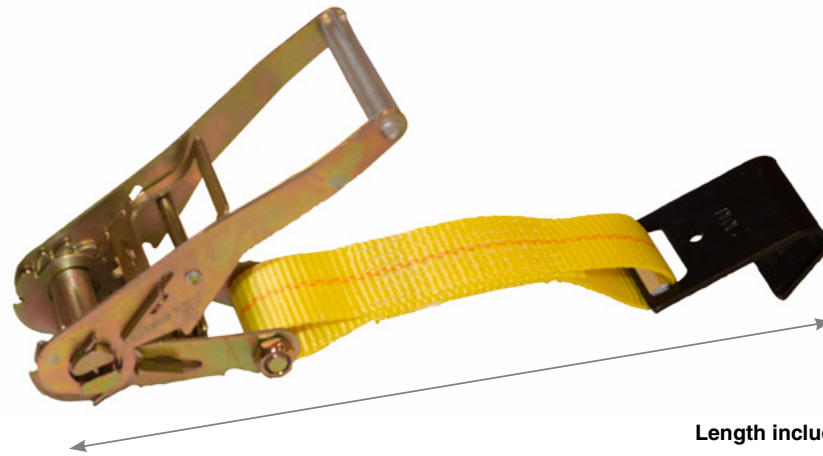
- Ultimately, it is the responsibility of the operator to determine the correct product for their application
- A Strap assembly is only as strong as its weakest component (this INCLUDES the point of attachment!)



Proudly sewn in the USA*



Proudly sewn in the USA*



Length includes hardware

“Short Fixed End” refers to the non-adjustable ratchet end of the assembly. Length measurement is overall from ratchet to end of hook. Custom lengths are available. Straps can be manufactured to meet specific needs. Listed here are some of the most common configurations. Please contact our sales department for additional designs.

SHORT FIXED END WITH RATCHET & FLAT HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FH10R1.0SER	2"	12"	Flat Hook	3,333
FH10R1.5SER	2"	18"	Flat Hook	3,333
FH15M3SER	3"	18"	Flat Hook	5,000
FH15M4SER	4"	18"	Flat Hook	5,400

SHORT FIXED END WITH RATCHET & J-HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
JH10R1.5SER	2"	18"	J-Hook	3,333
JH15M3SER	3"	18"	J-Hook	5,000
JH15M4SER	4"	18"	J-Hook	5,400

SHORT FIXED END WITH RATCHET & CHAIN GRAB

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
CG10R1.5SER	2"	36"	Chain Grab	3,333
CG15M3SER	3"	36"	Chain Grab	5,000
CG15M4SER	4"	36"	Chain Grab	5,400

SHORT FIXED END WITH RATCHET & TWISTED SNAP HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
TSH10R1.5SER	2"	18"	Twisted Snap Hook	3,333

Cargo Control USA offers an extensive line of **WEBBING**. Our custom webbing is manufactured to the strictest of standards for the highest quality tie downs available. We are also a proud supplier to the tarp manufacturing industry, the marine industry, and other manufacturers.

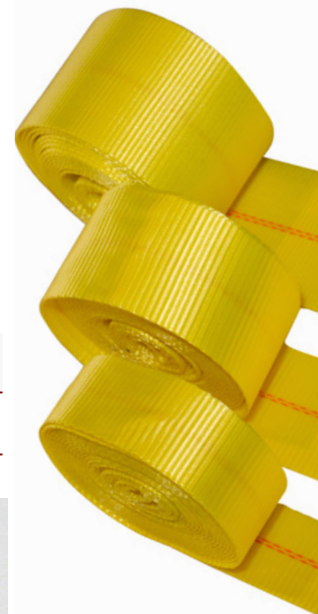
Cargo Control USA's webbing is designed to be strong, durable, and versatile to accommodate a vast range of applications. We offer products with increased cut resistance and/or abrasion resistance properties. Below are some of the most popular styles. Please contact our sales department for additional product offerings.

NOTE: Webbing is sold by the foot, in 300' rolls, or in bulk boxes. Custom orders may require additional lead times and minimum quantities.

NYLON BULK WEBBING

WIDTH	BREAKING STRENGTH (LBS.)	COLOR OPTIONS
1"	3,500	

Additional colors available. Minimum order may be required.



POLYESTER BULK WEBBING

POLYESTER BULK WEBBING

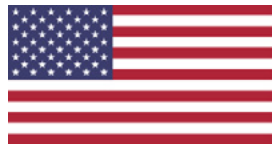
WIDTH	BREAKING STRENGTH (IN LBS.)	COLOR OPTIONS
1"	3,500	
1"	4,500	
2"	6,000	
2"	12,000	
3"	15,000	
3"	18,000	
4"	20,000	
4"	24,000	

Additional colors available. Minimum order may be required.



Other Webbing Available:

- Polyester Tie Down
- Sling Webbing (Nylon & Polyester)
- Polypropylene
- Military Webbing
- Protective Sleeve Webbing
- Resin-Treated Webbing
- Poly-Edge Webbing
- Protective Pad Webbing
- Seat Belt Webbing
- Lumber Sorter Web



Proudly sewn in the USA*

Part Numbers shown here represent the “popular sizes.” Standard lengths are 27’ & 30’. We can manufacture to any length. Please call for more information. Standard pack boxed 10/case.

**CUSTOMIZE COLOR,
WEBBING & LENGTH**



Additional colors available. Minimum order may be required.

WINCH STRAP WITH FLAT HOOK W/ PROTECTOR CLIP

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FH2X15	2"	15'	2" Flat Hook w/ Protector Clip	3,333
FH2X20	2"	20'	2" Flat Hook w/ Protector Clip	3,333
FH2X27	2"	27'	2" Flat Hook w/ Protector Clip	3,333
FH2X30	2"	30'	2" Flat Hook w/ Protector Clip	3,333
FH3X27	3"	27'	4" Flat Hook w/ Protector Clip	5,000
FH3X30	3"	30'	4" Flat Hook w/ Protector Clip	5,000
FH4X15	4"	15'	4" Flat Hook w/ Protector Clip	5,400
FH4X27	4"	27'	4" Flat Hook w/ Protector Clip	5,400
FH4X30	4"	30'	4" Flat Hook w/ Protector Clip	5,400
FH4X40	4"	40'	4" Flat Hook w/ Protector Clip	5,400

WINCH STRAP WITH WIRE J-HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
JH2X10	2"	10'	2" Wire J-Hook	3,333
JH2X15	2"	15'	2" Wire J-Hook	3,333
JH2X20	2"	20'	2" Wire J-Hook	3,333
JH2X27	2"	27'	2" Wire J-Hook	3,333
JH2X30	2"	30'	2" Wire J-Hook	3,333
JH2X40	2"	40'	2" Wire J-Hook	3,333
JH3X27	3"	27'	3" Wire J-Hook	5,000
JH3X30	3"	30'	3" Wire J-Hook	5,000
JH4X27	4"	27'	4" Wire J-Hook	5,400
JH4X30	4"	30'	4" Wire J-Hook	5,400

WINCH STRAP WITH GRAB HOOK AND PEAR LINK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
GH2X27	2"	27'	5/16" Grab Hook	3,333
GH2X30	2"	30'	5/16" Grab Hook	3,333
GH3X27	3"	27'	3/8" Grab Hook	5,000
GH3X30	3"	30'	3/8" Grab Hook	5,000
GH4X27	4"	27'	3/8" Grab Hook	5,400
GH4X30	4"	30'	3/8" Grab Hook	5,400

WINCH STRAP WITH NARROW FLAT HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FH6X27	2"	27'	2" Narrow Flat Hook	2,000
FH6X30	2"	30'	2" Narrow Flat Hook	2,000

WINCH STRAP WITH TAPERED SEWN LOOP

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
LE4X27	4"	27'	Tapered Sewn Loop	5,400
LE4X30	4"	30'	Tapered Sewn Loop	5,400

WINCH STRAP WITH TWISTED SNAP HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
TSH2X27	2"	27'	2" Twisted Snap Hook	3,333
TSH2X30	2"	30'	2" Twisted Snap Hook	3,333

WINCH STRAP WITH FLAT SNAP HOOK

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
FSH2X27	2"	27'	2" Flat Snap Hook	3,333
FSH2X30	2"	30'	2" Flat Snap Hook	3,333
FSH3X27	3"	27'	3" Flat Snap Hook	5,000
FSH3X30	3"	30'	3" Flat Snap Hook	5,000

WINCH STRAP WITH DELTA RING

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
DR2X10	2"	10'	2" Delta Ring	3,333
DR2X27	2"	27'	2" Delta Ring	3,333
DR2X30	2"	30'	2" Delta Ring	3,333
DR3X27	3"	27'	3" Delta Ring	5,000
DR3X30	3"	30'	3" Delta Ring	5,000
DR4X27	4"	27'	3" Delta Ring	5,400
DR4X30	4"	30'	3" Delta Ring	5,400

WINCH STRAP WITH CHAIN & GRAB

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
CG2X27	2"	27'	15" Chain and Grab	3,333
CG2X30	2"	30'	15" Chain and Grab	3,333
CG3X27	3"	27'	18" Chain and Grab	5,000
CG3X30	3"	30'	18" Chain and Grab	5,000
CG4X27	4"	27'	18" Chain and Grab	5,400
CG4X30	4"	30'	18" Chain and Grab	5,400

2" straps are made with 15" chain anchor with d-ring link, and 5/16" chain hook.

3" & 4" straps are made with 18" chain anchor with 3" d-ring, and 3/8" chain hook.

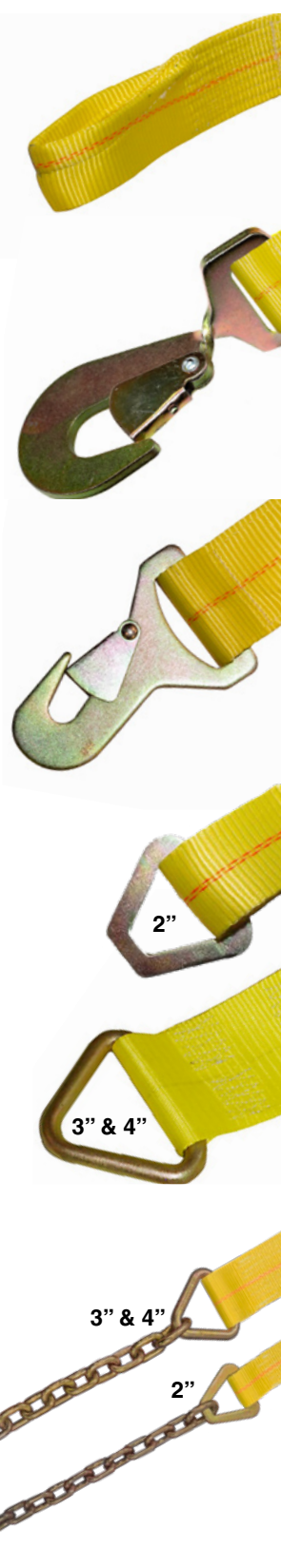
Winch Strap Part Numbers: FH2X27 = FH(Hardware) 2(Width) X(by) 27(Length)
 Example Part Number: JH2X15 = J-Hook, 2" Winch Strap by 15' Long

Our straps are designed and manufactured in Sanford, North Carolina; allowing us to fully customize our products to meet the needs of the market(s) served by our dealers. Resin treated webbing available to help reduce abrasive wear. All assemblies are manufactured & clearly tagged to meet or exceed DOT & FMCSA specifications and backed by the best warranty in the industry today.

- ⚠️ • Ultimately, it is the responsibility of the operator to determine the correct product for their application
- ⚠️ • A Strap assembly is only as strong as its weakest component (this INCLUDES the point of attachment!)



Proudly sewn in the USA*





ROLL-OFF CONTAINER STRAPS WITH CONTAINER HOOK

STOCK NUMBER	WIDTH	LENGTH	WORKING LOAD LIMIT
RH3X4	3"	4'	5,000
RH3X5	3"	5'	5,000
RH4X5	4"	5'	5,400
RH4X6	4"	6'	5,400
RH4X8	4"	8'	5,400

4" STANDARD DUTY ROLL-OFF CONTAINER HOOK - HOOK ONLY

STOCK NUMBER	DESCRIPTION
15M4RH	Roll-Off Container Hook 4" Standard

ROLL OFF CONTAINER STRAPS



ROLL-OFF CONTAINER STRAPS WITH FABRICATED HOOK

STOCK NUMBER	WIDTH	LENGTH	WORKING LOAD LIMIT (LBS.)
CTH4X3	4"	3'	5,400
CTH4X5	4"	5'	5,400

4" HEAVY DUTY FABRICATED CONTAINER HOOK WITH BOLT - HOOK ONLY

STOCK NUMBER	DESCRIPTION
15M4CTH	Fabricated Container Hook 4" Heavy Duty w/ Bolt

ROLL OFF CONTAINER STRAPS WITH FABRICATED HOOK

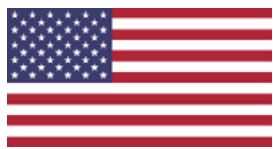
ROLL-OFF CONTAINER STRAPS WITH LOOP END

STOCK NUMBER	WIDTH	LENGTH	WORKING LOAD LIMIT (LBS.)
RH4X2LE	4"	2'	5,400
RH4X5LE	4"	5'	5,400

Listed here are some of the most common configurations. Please contact our sales department for additional designs.



ROLL OFF CONTAINER STRAPS W/ LOOP END



Proudly sewn in the USA*

CUSTOMIZE COLOR, WEBBING & LENGTH



Additional colors available. Minimum order may be required.



CUSTOM PRODUCTS AVAILABLE!
CALL NOW! (888) 775-5059





2" LASHING WINCH
16L



4" LOW PROFILE WELD-ON WINCH
16SL



4" COMBINATION SLOT / POST WINCH
16SP



4" SLIDER NOTCHED/ HIGH CAPACITY WELD-ON WINCH
18SN



WELD ON LEG COMBINATION WINCH
16WC



4" STANDARD WELD-ON WINCH
16S



4" STANDARD PORTABLE WINCH
16P



4" LOW PROFILE SLIDER NOTCHED WINCH
18SN-LP



4" LOW PROFILE COMBINATION WINCH
16SPL



4" LOW PROFILE PORTABLE WINCH
16PL



4" LOW PROFILE PORTABLE COMBINATION WINCH
16PPL



4" DOUBLE L SLIDER
18LL

TRAILER WINCHES

STOCK NUMBER	DESCRIPTION	PIECE/BOX
16L	2" Lashing Winch, Tighten with Hex Bar	10
16SL	4" Low Profile Weld On	5
16SP	4" Combination Slot/Post	5
18SN	4" Slider Notched/High Cap. Weld On	5
16WC	Weld On Leg Combination	4
16S	4" Standard Weld On	5
16P	4" Standard Portable	5
18SN-LP	4" Low Profile Slider Notched	5
16SPL	4" Low Profile Combination	5
16PL	4" Low Profile Portable	5
16PPL	4" Low Profile Portable Combination	4
18LL	4" Double L Slider	4



NOTE: FOR SAFE OPERATION

1. All winches should be installed so the user can readily see the pawl to ensure proper engagement.
2. The winch should be positioned so the pawl drops into the ratchet wheel by gravity.
3. Winches should never be installed so the user cannot see the pawl engagement or in a position where the user must hold the pawl to engage the ratchet tooth.
4. Weld on winches must be welded to the trailer frame. Minimum weld requirements are 1/4" fillet weld, 4" long on both sides of frame, and 1/8" penetration.



6' STEEL SLIDER TRACK FOR 18SN AND 18SN-LP

STEEL SLIDER TRACK

STOCK NUMBER	DESCRIPTION
18WT6	6' Steel Slider Track for 18SN and 18SN-LP



Painted Standard



Chrome Standard



Standard Style



Tube Style



Box Head



Painted Box Head Style



Chrome Box Head Style

WINCH BARS

10/Box

STOCK NUMBER	FINISH	DESCRIPTION	HEAD STYLE
WB1	Painted	Standard Winch Bar	Standard
WB3	Painted	Combination Winch Bar	Box Head
WC2	Chrome	Standard Winch Bar	Standard
WC4	Chrome	Combination Winch Bar	Tube Style
WC3	Chrome	Combination Winch Bar	Box Head
WC3XL	Chrome	Combination 40" Winch Bar	Box Head

RATCHETING WINCH BARS

STOCK NUMBER	FINISH	LENGTH	WEIGHT/PIECE (LBS.)
GTWBR-H15	Powder Coated	15"	5
GTWBR-H28	Powder Coated	28"	11



WELD-ON D-RINGS

STOCK NUMBER	WORKING LOAD LIMIT (LBS.)	BREAKING STRENGTH (LBS.)	WEIGHT/PIECE (LBS.)	DESCRIPTION
DR-500B	3,000	12,000	0.5	1/2" Forged D-Ring W/ Bolt-On Mounting Bracket
DR-500	3,000	12,000	0.5	1/2" Forged D-Ring W/ Weld-On Mounting Bracket
DR-625	4,500	18,000	0.7	5/8" Forged D-Ring W/ Weld-On Mounting Bracket
DR-750	6,625	26,500	1.0	3/4" Forged D-Ring W/ Weld-On Mounting Bracket
DR-100	11,685	46,750	1.3	1" Forged D-Ring W/ Weld-On Mounting Bracket



WELD-ON D-RINGS



WARNING: Welding is to be performed by a qualified welder using a qualified procedure in accordance with the American Welding Society.



STRAP WINDER
16SW



QUICK WRAP
STRAP WINDER
16QW



WEB WINDER
16WW

STRAP WINDERS

STOCK NUMBER	DESCRIPTION
16SW	Standard Strap Winder
16QW	Quick Wrap Strap Winder
16WW	Web Winder/Quick Winder

Strap winders help to wrap straps quickly for storage when straps are not in use.

STRAP PROTECTORS come in a variety of shapes, sizes, and materials. They are an inexpensive way to protect both the cargo you are hauling and the straps, chains, and tarps used to secure that cargo.



2" RUBBER STRAP PROTECTOR



4" RUBBER STRAP PROTECTOR

RUBBER STRAP PROTECTOR

STOCK NUMBER	DESCRIPTION
2RP	2" Rubber Strap Protector
4RP	4" Rubber Strap Protector



4" PLASTIC CORNER STANDARD



4" X 12" PLASTIC CORNER PROTECTOR

4" PLASTIC CORNER STANDARD

STOCK NUMBER	DESCRIPTION
4CP	4" Plastic Corner Standard
4CP-12	4" X 12" Plastic Corner Protector (Colors may vary)



4" STEEL CORNER



4" RUBBER LINED STEEL CORNER

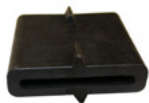
STEEL CORNER

STOCK NUMBER	DESCRIPTION
4CS	4" Steel Corner Protector
4CSR	4" Rubber Lined Steel Corner Protector



2" RUBBER WHEEL CLEAT

DOUBLE SIDED



2" RUBBER WHEEL CLEAT

STOCK NUMBER	DESCRIPTION
2RP-2	2" Rubber Wheel Cleat
2RP-2D	2" Rubber Wheel Cleat, Double Sided



2" WHEEL GRIPS

2" WHEEL GRIPS

STOCK NUMBER	DESCRIPTION
2RPWG	2" Wheel Grips

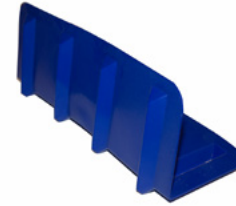
HD CORNER GUARDS

STOCK NUMBER	SIZE
HDC12	8" X 8" X 12"
HDC24	8" X 8" X 24"
HDC36-8	8" X 8" X 36"
HDC48-4	4" X 4" X 48"
HDC48-11	11" X 11" X 48"

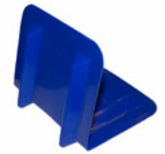
Colors may vary.



11" X 48"



8" X 24"



8" X 12"

CORNER TARP GUARD

STOCK NUMBER	DESCRIPTION
TP-101	Corner Tarp Guard. Color may vary.



CORNER TARP GUARD

In addition to standard plastic and steel "corner" protectors, synthetic protectors are cut to your desired length and can either move freely up and down the strap, or can be sewn into place. Synthetic protectors and pads can be made single and multiple ply thicknesses. HD Corner Guards are available in many sizes. Please contact us for more information or to customize strap protectors for your cargo control needs.

SLEEVE WEBBING

STOCK NUMBER
1BLACK
2BLACK
3BLACK
4BLACK

Available in 1"-4". Sold by the foot.



SLEEVE WEBBING

PROTECTIVE PAD WEBBING



Available in 1"-12". Sold by the foot. Sewn Sleeves or Removable Hook and Loop.

HEAVY DUTY COIL RACKS

STOCK NUMBER	DESCRIPTION
CR27	27" Inside, 33" Overall
CR37	37" Inside, 42-1/2" Overall



Our coil racks are of one piece construction for extra support, ideal for heavy-duty applications. Use with lumber blocks to provide additional cradling of the coils. Coil racks have a black lacquer finish.

INTERNAL VAN LASHINGS - CAM BUCKLE LOGISTIC STRAPS

STOCK NUMBER	LENGTH	WIDTH	STRAP MATERIAL	END FITTINGS	WORKING LOAD LIMIT (LBS.)	COLOR
312	12'	2"	Nylon	Spring E-Clips	1,000	Yellow
316	16'	2"	Nylon	Spring E-Clips	1,000	Gray
316-EJ	16'	2"	Nylon	Spring E-Clips & J-Hooks	1,000	Gray
320	20'	2"	Nylon	Spring E-Clips	1,000	Blue

Listed here are some of the most common configurations. Please contact our sales department for additional assemblies.



CAM BUCKLE LOGISTIC STRAPS

INTERNAL VAN LASHINGS - RATCHET LOGISTIC STRAPS

STOCK NUMBER	LENGTH	WIDTH	STRAP MATERIAL	END FITTINGS	WORKING LOAD LIMIT (LBS.)	COLOR
312R	12'	2"	Nylon	Spring E-Clips	1,000	Yellow
316R	16'	2"	Nylon	Spring E-Clips	1,000	Gray
316R-EJ	16'	2"	Nylon	Spring E-Clips & J-Hooks	1,000	Gray
320R	20'	2"	Nylon	Spring E-Clips	1,000	Blue

Listed here are some of the most common configurations. Please contact our sales department for additional assemblies.



ALTERNATE CONFIGURATIONS

Spring E-Clips & J-Hooks

F Hooks

E Clips & F Hooks



Spring E-Clips

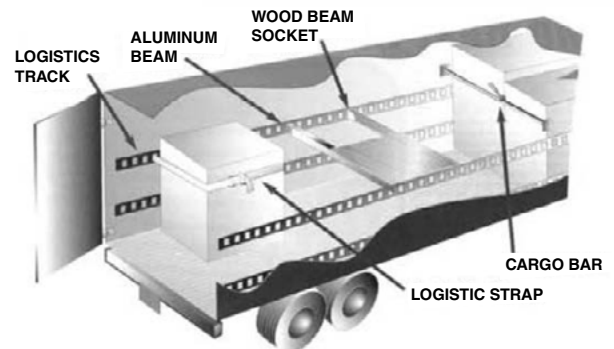
HORIZONTAL E-TRACK

STOCK NUMBER	DESCRIPTION	FINISH	APPROX. WEIGHT (LBS.)
18ET05GY	5' Horizontal E-Track	Powder Coated Gray	8
18ET08GY	8' Horizontal E-Track	Powder Coated Gray	13
18ET10GY	10' Horizontal E-Track	Powder Coated Gray	16
18ET10GA	10' Horizontal E-Track	Galvanized	16

E-Tracks are made of 12-gauge high-strength steel with a minimum yield of 50,000 PSI. Also available in galvanized and up to 24' length; Minimum order may be required. Please contact our sales department for more information.



HORIZONTAL E-TRACK



Proudly sewn in the USA*



ROPE TIE OFF WITH SPRING LOADED E-CLIP & S-HOOK
RTOEC-S



ROPE TIE OFF WITH SPRING LOADED E-CLIP
RTOEC



SERIES E OR A SPRING FITTING
3M2E



SERIES E A SPRING FITTING WITH 2" D-RING
ECSDR



SERIES E A SPRING FITTING WITH 2" ROUND RING
ECSDR-RR



SERIES E FITTING WITH THUMB RELEASE & 1" RING
ECSDR-TR



SERIES E HEAVY DUTY FITTING WITH THUMB RELEASE & 2" RING
ECSDRHD-TR



SERIES F TRACK FITTING
3M2F



E-TRACK WOOD BEAM SOCKET
ETRACK-WBS



E-TRACK ROLLER IDLER FITTING
3M2E-RIF

E-TRACK & LOGISTIC TRACK FITTINGS AND ACCESSORIES

STOCK NUMBER	DESCRIPTION	BREAKING STRENGTH (LBS.)
RTOEC-S	Rope Tie Off with Spring Loaded E-Clip & S-Hook	3,000
RTOEC	Rope Tie Off with Spring Loaded E-Clip	3,000
3M2E	Series E or A Spring Fitting	3,000
ECSDR	Series E A Spring Fitting with 2" D-Ring	3,000
ECSDR-RR	Series E A Spring Fitting with 2" Round Ring	3,000
ECSDR-TR	Series E Fitting with Thumb Release & 1" Ring	6,000
ECSDRHD-TR	Series E Heavy Duty Fitting	6,000
3M2F	Series F Track Fitting	3,000
ETRACK-WBS	E-Track Wood Beam Socket for use with Standard Commercial Grade 2x6 lumber	Varies by lumber used
3M2E-RIF	2" E-Track Roller Idler Fitting, Gold Finish	3,000



ALUMINUM L-TRACK
18-LDTRACK



SINGLE STUD FITTING WITH ROUND RING
18-LSR



DOUBLE STUD FITTING WITH ROUND RING
18-LDR



DOUBLE STUD FITTING WITH BOLT
18-LDSB



DOUBLE STUD FITTING WITH PEAR/OVAL LINK
18-LDO

L-TRACK FITTINGS AND ACCESSORIES

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)
18-LDTRACK	Aluminum L-Track*	-
18-LSR	Single Stud Fitting with Round Ring	1,333
18-LDR	Double Stud Fitting with Round Ring	1,666
18-LDSB	Double Stud Fitting with Bolt	1,333
18-LDO	Double Stud Fitting with Pear/Oval Link	1,666

*L-Track, also known as Airline Track, is a lightweight, heavy-duty track made of aluminum. Available in 12" and 100" Lengths. L-Track offers great flexibility with 1" anchor point increments; allowing the user to both quickly and easily secure cargo at any position along the track.

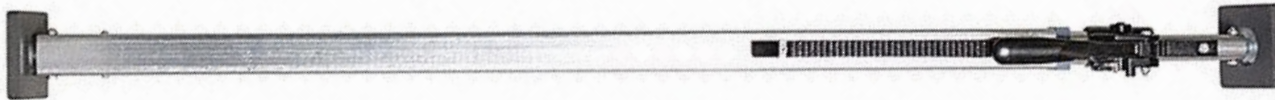


STANDARD ONE-PIECE GALVANIZED STEEL CARGO BAR/LOAD LOCK

STOCK NUMBER	DESCRIPTION
CB204	Adjusts from 86" to 105"
CB-HAND	Replacement Handle
CB204	Replacement Feet - 2" x 4" Pads, Set of Two

CARGO BARS are offered in high strength steel tubing. These bars feature molded pivoting rubber feet that will not scuff interior walls and a heavy duty steel handle. The handle and trigger mechanism are easy to operate. Cargo bars do not have load ratings due to varying conditions of trailer sidewalls.

Warning: Cargo bars are not intended for use with cargo on wheels. Over tensioning of ratchet mechanism may cause damage to trailer sidewalls.



HEAVY-DUTY STEEL ONE-PIECE JACK BAR

STOCK NUMBER	DESCRIPTION
JB204	Adjusts 86" to 105"
JB214	Adjusts 86" to 114"

JACK BARS are made from heavy galvanized steel tubing for maximum strength and durability. Soft grip rubber handles help to make Cargo Control USA jack bars easy to operate.



102" ALUMINUM DECKING/SHORING BEAM

STOCK NUMBER	WORKING LOAD LIMIT (LBS.)	DESCRIPTION
DB104	2,000	Adjusts 92" to 102"

DECKING BEAMS are constructed of heavy duty heat treated aluminum, which provides the best length-to-weight ratio. The heads are constructed of high-quality steel which has been zinc plated to reduce corrosion. The heads also contain steel trigger mechanisms for dependable locking control. Loads should always be evenly distributed.

CARGO BAR HOLDERS

STOCK NUMBER
CB-101



CARGO BAR HOLDERS

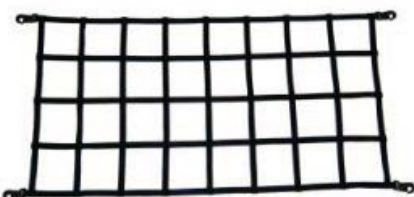
CARGO BAR HOOP SET

STOCK NUMBER
CB104-HOOP



CARGO BAR HOOP SET

CARGO NETS



Custom made to your specifications.
Call for more information.





CAM BUCKLE ASSEMBLY WITH WIRE J-HOOK



CAM BUCKLE ASSEMBLY WITH VINYL COATED S-HOOK

1" CAM BUCKLE TIE DOWNS

STOCK NUMBER	END FITTING	LENGTH (FEET)	WORKING LOAD LIMIT (LBS.)	PACKAGE QUANTITY
C15S	Vinyl Coated S-Hook	5	500	2/Bag
C19S	Vinyl Coated S-Hook	9	500	2/Bag
C115S	Vinyl Coated S-Hook	15	500	1/Bag
C120S	Vinyl Coated S-Hook	20	500	1/Bag
C115J	Wire J-Hook	15	500	1/Bag
C120J	Wire J-Hook	20	500	1/Bag
C35S	Vinyl Coated S-Hook	5	667	2/Bag
C39S	Vinyl Coated S-Hook	9	667	1/Bag
C312S	Vinyl Coated S-Hook	12	667	1/Bag
C315S	Vinyl Coated S-Hook	15	667	1/Bag
C320S	Vinyl Coated S-Hook	20	667	1/Bag

CONFIGURATIONS



VINYL COATED S-HOOK



WIRE J-HOOKS



FLAT HOOKS



J-HOOK & KEEPER



MOUNTING PLATE

Our light-duty tie downs designed to be dependable and versatile. Made of high quality, wear-resistant webbing, our 1" tie downs come in a variety of lengths and styles. Above are some of the most popular lengths and hardware configurations. Please call our sales department for more information. Blue webbing is standard. Assorted colors available. **Please specify "retail" or "bulk" packaging. Additional colors available upon request.**



COLLAR PAN FITTING
PF-101



STEEL RECESSED FITTING
PF-102



STEEL RAISED FITTING
PF-103



ROUND PAN STEEL FITTING
PF-201



RECESSED ROUND STEEL PAN FITTING
PF-202

PAN FITTINGS

STOCK NUMBER	DESCRIPTION	BREAKING STRENGTH (LBS.)
PF-101	Round Pan Fitting with Collar, Two Piece	1,600
PF-102	Square Steel Pan Fitting, Recessed, One Piece	5,000
PF-103	Square Steel Raised Pan Fitting, One Piece	5,000
PF-201	Round Pan Steel Fitting, One Piece	1,200
PF-202	Round Steel Pan Fitting , Recessed, One-Piece	1,200

RATCHET STRAP TIE DOWNS



Proudly sewn in the USA*



RATCHET ASSEMBLY WITH VINYL COATED S-HOOK



1" FLAT HANDLE RATCHET

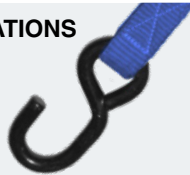


1" WIDE HANDLE RATCHET

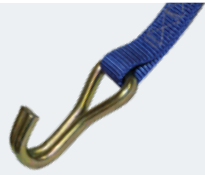
1" RATCHET TIE DOWNS

STOCK NUMBER	END FITTING	LENGTH (FEET)	WORKING LOAD LIMIT (LBS.)	PACKAGE QUANTITY
R15S	Vinyl Coated S-Hook	5	500	2/Bag
R19S	Vinyl Coated S-Hook	9	500	2/Bag
R115S	Vinyl Coated S-Hook	15	500	1/Bag
R120S	Vinyl Coated S-Hook	20	500	1/Bag
R115J	Wire J-Hook	15	500	1/Bag
R120J	Wire J-Hook	20	500	1/Bag
R35S	Vinyl Coated S-Hook	5	1,000	2/Bag
R39S	Vinyl Coated S-Hook	9	1,000	2/Bag
R312S	Vinyl Coated S-Hook	12	1,000	1/Bag
R315S	Vinyl Coated S-Hook	15	1,000	1/Bag
R320S	Vinyl Coated S-Hook	20	1,000	1/Bag

CONFIGURATIONS



VINYL COATED S-HOOK



WIRE J-HOOKS



FLAT HOOKS



J-HOOK & KEEPER



MOUNTING PLATE

Our light-duty tie downs designed to be dependable and versatile. Made of high quality, wear-resistant webbing, our 1" tie downs come in a variety of lengths and styles. Shown here are some of the most popular lengths and hardware configurations. Please call our sales department for more information. Blue webbing is standard. Assorted colors available. **Please specify "retail" or "bulk" packaging.**



2" RATCHET TIE DOWN WITH J-HOOKS

2" RATCHET TIE DOWNS WITH J-HOOKS

STOCK NUMBER	LENGTH (FEET)	WORKING LOAD LIMIT (LBS.)	PACKAGE QUANTITY
R505J	5	1,465	1/Bag
R512J	12	1,465	1/Bag
R515J	15	1,465	1/Bag
R520J	20	1,465	Bulk Packed

CUSTOMIZE COLOR, WEBBING & LENGTH



Additional colors available. Minimum order may be required.

ALTERNATE CONFIGURATIONS



DELTA HOOKS



FLAT HOOKS



FLAT SNAP HOOKS



TWISTED SNAP HOOKS

DO NOT EXCEED WORKING LOAD LIMIT. REFER TO PAGE 5 FOR WARNINGS AND CAUTIONS.

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LOOP END ASSEMBLY

STOCK NUMBER	LENGTH	WORKING LOAD LIMIT (LBS.)
R105LE	5'	500
R110LE	10'	500



LOOP END ASSEMBLY

2" ENDLESS RATCHET STRAP ASSEMBLIES

STOCK NUMBER	LENGTH	WORKING LOAD LIMIT (LBS.)
10M2X10ENDLESS	10'	3,300
10M2X12ENDLESS	12'	3,300
10M2X15ENDLESS	15'	3,300
10M2X20ENDLESS	20'	3,300
10M2X27ENDLESS	27'	3,300



CUSTOMIZABLE WEBBING, RATCHET & LENGTH

3" ENDLESS RATCHET STRAP ASSEMBLIES

STOCK NUMBER	LENGTH	WORKING LOAD LIMIT (LBS.)
15M3X15ENDLESS	15'	5,000
15M3X20ENDLESS	20'	5,000

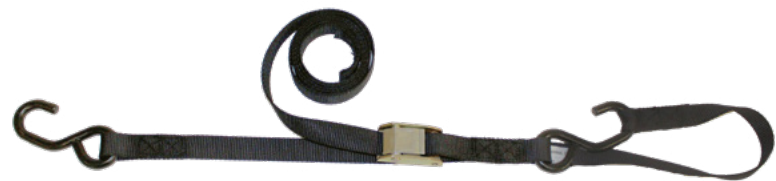
4" ENDLESS RATCHET STRAP ASSEMBLIES

STOCK NUMBER	LENGTH	WORKING LOAD LIMIT (LBS.)
20M4X15ENDLESS	15'	5,400
20M4X20ENDLESS	20'	5,400
20M4X50ENDLESS	50'	5,400



ENDLESS RATCHET ASSEMBLIES

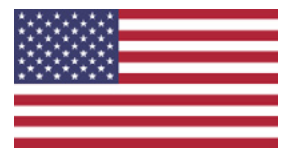
ENDLESS RATCHET STRAPS are multi-purpose straps designed to wrap around cargo and feed back into itself. Available in 1"-4" and varying lengths to meeting your needs. These straps are excellent for bundling cargo, securing product to pallets, and for use with ladder racks.



MOTORCYCLE RATCHET TIE DOWNS

STOCK NUMBER	LENGTH	WORKING LOAD LIMIT (LBS.)
MT1R6S	6'	1,000
MT1R8.5S	8-1/2'	1,000
MT1R10S	10'	1,000

Stock numbers above reflect ratchet tie down assemblies. Also available: cam buckle assemblies. Specifically designed to keep hooks and hardware away from precious cargo.



Proudly sewn in the USA*

BOAT WINCH STRAPS

STOCK NUMBER	WIDTH	LENGTH	DESCRIPTION
215T	2"	15'	Forged Snap Hook & Tapered End
220T	2"	20'	Forged Snap Hook & Tapered End
215L	2"	15'	Forged Snap Hook & Loop End
220L	2"	20'	Forged Snap Hook & Loop End
G312FGSH	2"	12'	Forged Snap Hook & Loop End
G316FGSH	2"	16'	Forged Snap Hook & Loop End
G320FGSH	2"	20'	Forged Snap Hook & Loop End
G320FGSH-10M	2"	20'	Forged Snap Hook & Loop End, 10,000 Capacity

Our boat straps are made of heavy-duty seat belt webbing. Straps can be bulk packed or retail packaged ready for display.

GUNWALE STRAPS

STOCK NUMBER	WIDTH	LENGTH	DESCRIPTION
GW212S	2"	12'	Cam Buckle Strap with Vinyl-Coated S-Hooks
GW216S	2"	16'	Cam Buckle Strap with Vinyl-Coated S-Hooks
GW220S	2"	20'	Cam Buckle Strap with Vinyl-Coated S-Hooks

The gunwale is the top edge of the side of a boat. Originally, the gunwale was the "gun ridge" on a sailing warship. This represented the strengthening wale or structural band added to the design of the ship, at and above the level of a gun deck. **GUNWALE STRAPS** go around the entire aft section of the boat, over the gunwale to the trailer, and restrict vertical movement of the boat while in transit.

TRANSOM TIE DOWN STRAPS

STOCK NUMBER	DESCRIPTION
TC22S	2" x 2.5' with Cam Buckle and S-Hooks
TC245S-PR	2" x 4.5' Paddle Buckle and S-Hooks – Pair

The transom is the "square end" of the hull structure. As such, it provides a lateral bearing wall, transferring the forces of motion acting on the bow and sides of the ship, creating balance—much like the hips transfer the stresses of walking to the backbone.

TRANSOM STRAPS, when properly secured to transom eyes and trailer, the short restraint straps restrict vertical and lateral movement of the boat to safely secure the boat to the trailer. Although the most popular sizes are 2", we make a 1" assembly as well.



TRANSOM TIE DOWN STRAPS WITH CAM BUCKLE & S-HOOKS



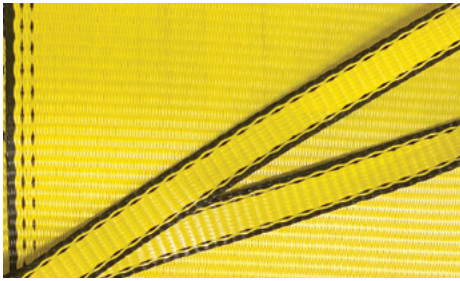
BOAT WINCH STRAP WITH FORGED SNAP HOOK & LOOPED END



GUNWALE STRAPS



WE CAN HELP YOU WITH...



1" - 12"



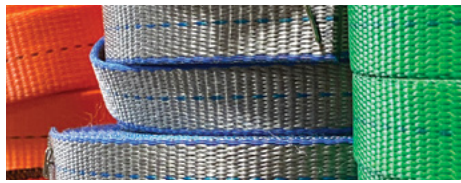
1 PLY - 4 PLY



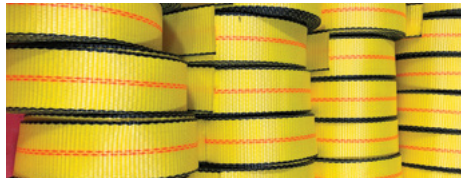
ENDLESS ROUND SLINGS



CUSTOM LENGTHS TO FIT YOUR REQUIREMENTS



CUSTOM COLORS



TIE DOWN WEBBING



CUSTOM MANUFACTURING / CONTRACT SEWING

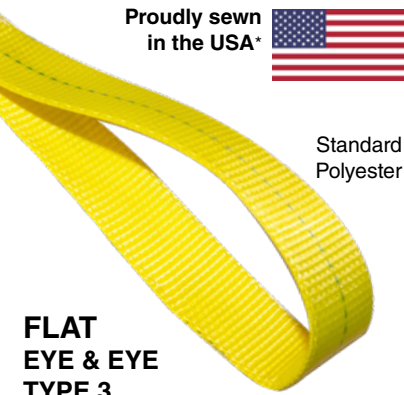


SUPERIOR EDGE PROTECTED POLY SLING WEBBING

LOOKS GREAT IN RETAIL!

CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION

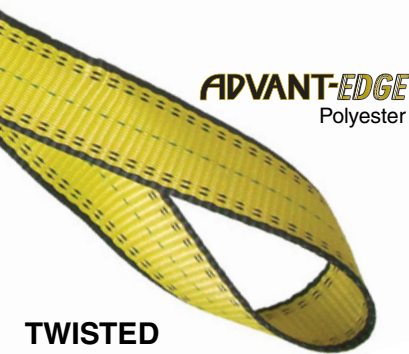
Proudly sewn in the USA* 



Standard Polyester

FLAT EYE & EYE TYPE 3

Web slings featuring flat loops at both ends, where the loop openings align with the sling's body. This style is commonly referred to as double eye.



ADVANT-EDGE Polyester

TWISTED EYE & EYE TYPE 4

Web slings with both looped ends turned at a right angle to the sling body. This style is often called a twisted eye sling.



Nylon Webbing

TAPERED EYE & EYE TYPE 4

A tapered eye provides the same working load limit but with a narrower profile, allowing it to fit most hooks. Slings that are 3" wide or more feature a tapered eye as standard.

NYLON & POLYESTER SLINGS - FLAT EYE & TWISTED EYE

PLY	STOCK NUMBER		WEB WIDTH	VERTICAL RATED CAPACITY (LBS.)	CHOKER RATED CAPACITY (LBS.)	BASKET RATED CAPACITY (LBS.)	
	NYLON	POLY					
ONE PLY	EE1-901	EE1P901	1"	1,600	1,280	3,200	
	EE1-902	EE1P902	2"	3,200	2,560	6,400	
	EE1-903	EE1P903	3"	4,800	3,840	9,600	
	EE1-904	EE1P904	4"	6,400	5,120	12,800	
	EE1-906	EE1P906	6"	9,600	7,680	19,200	
	EE1-908	EE1P908	8"	12,800	10,240	25,600	
	EE1-910	EE1P910	10"	16,000	12,800	32,000	
	EE1-912	EE1P912	12"	19,200	15,360	38,400	
	EE2-901	EE2P901	1"	3,200	2,560	6,400	
	EE2-902	EE2P902	2"	6,400	5,120	12,800	
	EE2-903	EE2P903	3"	9,600	7,680	19,200	
	TWO PLY	EE2-904	EE2P904	4"	12,800	10,240	25,600
EE2-906		EE2P906	6"	16,320	13,056	32,640	
EE2-908		EE2P908	8"	22,700	18,200	45,400	
EE2-910		EE2P910	10"	28,400	22,700	56,800	
EE2-912		EE2P912	12"	32,640	26,100	65,280	
THREE PLY		EE3-901	EE3P901	1"	4,100	3,300	8,200
	EE3-902	EE3P902	2"	8,200	6,600	16,400	
	EE3-903	EE3P903	3"	12,300	9,900	24,600	
	EE3-904	EE3P904	4"	15,300	12,200	30,600	
	EE3-906	EE3P906	6"	22,900	18,300	45,800	
	EE3-908	EE3P908	8"	30,600	24,500	61,200	
	EE3-910	EE3P910	10"	38,200	30,600	76,400	
	EE3-912	EE3P912	12"	45,900	36,700	91,700	
	EE4-901	EE4P901	1"	6,400	5,120	12,800	
	EE4-902	EE4P902	2"	12,800	10,240	25,600	
	FOUR PLY	EE4-903	EE4P903	3"	19,200	15,360	38,400
		EE4-904	EE4P904	4"	25,600	20,480	51,200
EE4-906		EE4P906	6"	32,640	26,100	65,280	
EE4-908		EE4P908	8"	45,400	36,400	90,800	
EE4-910		EE4P910	10"	51,200	40,900	102,400	
EE4-912		EE4P912	12"	61,200	48,900	122,300	

Lengths from 18" to 30' plus.

TYPE 3 & TYPE 4, CLASS 7 WEBBING

Note: Twisted Eye Slings retain the same rated capacity as Flat Eye Slings.

Note: All slings and bridles can be fitted with wear pads and sleeves.

Wear Pads: Wear pads provide extra protection at concentrated wear points. They can be sewn at predetermined wear areas, on one or both sides of the sling, or in the eyes of the sling. Wear pads can be any length. Wear pads are sewn on and cannot be moved.

Wear pads are available in leather or protective pad webbing in all widths.

Wear Sleeves: Sleeves add the ability to slide or move the protection at various points. **SLIDING SLEEVES** are removable from the sling. **READY SLEEVES** are sewn with 'Velcro' to accommodate fast and easy installation & removal. They are perfect for slings with hardware.

See pages 16-17 for more strap protection. Sleeves are available in protective pad webbing, leather, or felt in all widths.



PLEASE SPECIFY NYLON OR POLY WHEN ORDERING



Vertical Choker Basket

NYLON & POLYESTER SLINGS - ENDLESS

TYPE 5, CLASS 7 WEBBING

PLY	STOCK NUMBER		WEB WIDTH	VERTICAL RATED CAPACITY (LBS.)	CHOKER RATED CAPACITY (LBS.)	BASKET RATED CAPACITY (LBS.)
	NYLON	POLY				
ONE PLY	EN1-901	EN1P901	1"	3,200	2,560	6,400
	EN1-902	EN1P902	2"	6,400	5,120	12,800
	EN1-903	EN1P903	3"	9,600	7,680	19,200
	EN1-904	EN1P904	4"	12,800	10,240	25,600
	EN1-906	EN1P906	6"	19,200	15,360	38,400
	EN1-908	EN1P908	8"	25,600	20,480	51,200
	EN1-910	EN1P910	10"	32,000	25,600	64,000
	EN1-912	EN1P912	12"	38,400	30,700	76,800
TWO PLY	EN2-901	EN2P901	1"	6,400	5,120	12,800
	EN2-902	EN2P902	2"	12,800	10,240	25,600
	EN2-903	EN2P903	3"	16,300	13,000	32,600
	EN2-904	EN2P904	4"	21,700	17,300	43,400
	EN2-906	EN2P906	6"	32,600	26,000	65,200
	EN2-908	EN2P908	8"	43,500	34,800	87,000
	EN2-910	EN2P910	10"	54,400	43,500	108,800
	EN2-912	EN2P912	12"	65,200	52,160	130,400

Additional plys available. Note: Protective pad webbing covering can be placed on any part of type 3 & 4 slings as well as type 5 (endless) slings.

We sew synthetic slings to your specifications. Please call with any custom requirements.

Endless web slings are the most practical type for many hoisting applications. They can be used for both a choker or basket sling.



REVERSED EYE

PLY	STOCK NUMBER	SLING WIDTH	VERTICAL RATED CAPACITY (LBS.)	CHOKER RATED CAPACITY (LBS.)	BASKET RATED CAPACITY (LBS.)
TWO PLY	RE2-902	2"	6,500	5,200	13,000
	RE2-904	4"	13,000	10,400	26,000
	RE2-906	6"	23,400	18,720	46,800

The thickness of 2 ply reverse eye slings are 1/2"

Reversed eye web slings are the best general purpose nylon sling available. Eyes can be turned to either side to increase sling life.



ORDERING SLINGS BY STOCK NUMBER

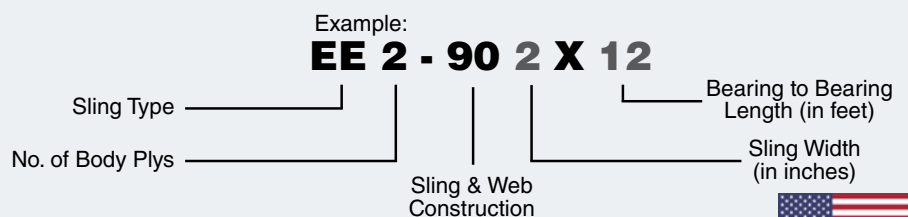
Specify Sling Length (in feet) After Stock Number

1) Select sling type:

- Triangle-Choker **TC**
- Triangle-Triangle **TT**
- Flat Eye-Eye **EE**
- Endless **EN**
- Bridle (multi-leg) *** See page 18 for Bridle Configuration Codes**

2) Determine number of plys and widths required at top rated capacity needed.

3) Add lengths to our part number.



Proudly sewn in the USA*



NYLON & POLYESTER BRIDLE SLINGS

STOCK NUMBER	WEB WIDTH	WEB PLY	NUMBER OF LEGS	RATED CAPACITY (LBS.)				GRADE 100 OBLONG LINK	EYE HOIST HOOK SIZE (TONS)	GRADE 100 EYE SELF LOCKING HOOK SIZE
				VERTICAL	60°	45°	30°			
EE1-901	1"	1	Single	1,600	-	-	-	1/2"	1	9/32"
	1"	1	Double	-	2,700	2,200	1,600	1/2"	1	9/32"
	1"	1	Triple	-	4,100	3,300	2,400	3/4"	1	9/32"
	1"	1	Quad	-	5,500	4,500	3,200	1"	1	9/32"
EE2-901	1"	2	Single	3,200	-	-	-	1/2"	2	9/32"
	1"	2	Double	-	5,400	4,400	3,200	3/4"	2	9/32"
	1"	2	Triple	-	8,200	6,700	4,800	3/4"	2	9/32"
	1"	2	Quad	-	10,500	8,400	6,000	1"	2	9/32"
EE1-902	2"	1	Single	3,200	-	-	-	1/2"	2	9/32"
	2"	1	Double	-	5,400	4,400	3,200	3/4"	2	9/32"
	2"	1	Triple	-	8,200	6,700	4,800	3/4"	2	9/32"
	2"	1	Quad	-	10,500	8,400	6,000	1"	2	9/32"
EE2-902	2"	2	Single	6,400	-	-	-	3/4"	4 1/2	3/8"
	2"	2	Double	-	11,000	8,900	6,000	1"	4 1/2	3/8"
	2"	2	Triple	-	16,500	13,400	9,600	1"	4 1/2	3/8"
	2"	2	Quad	-	21,500	17,500	12,500	1 1/4"	4 1/2	3/8"
EE1-903	3"	1	Single	4,800	-	-	-	1/2"	3	3/8"
	3"	1	Double	-	8,300	6,700	4,800	3/4"	3	3/8"
	3"	1	Triple	-	12,700	10,100	7,200	7/8"	3	3/8"
	3"	1	Quad	-	16,600	13,500	9,600	1"	3	3/8"
EE2-903	3"	2	Single	9,600	-	-	-	3/4"	7	1/2"
	3"	2	Double	-	16,600	13,500	9,600	1"	7	1/2"
	3"	2	Triple	-	24,900	20,300	14,400	1 1/4"	7	1/2"
	3"	2	Quad	-	33,200	27,100	19,200	1 1/2"	7	1/2"
EE1-904	4"	1	Single	6,400	-	-	-	5/8"	4.5	3/8"
	4"	1	Double	-	11,000	9,000	6,400	7/8"	4.5	3/8"
	4"	1	Triple	-	16,600	13,500	9,600	1"	4.5	3/8"
	4"	1	Quad	-	22,100	18,000	12,800	1"	4.5	3/8"
EE2-904	4"	2	Single	12,800	-	-	-	7/8"	7	5/8"
	4"	2	Double	-	22,100	18,000	12,800	1"	7	5/8"
	4"	2	Triple	-	33,200	27,100	19,200	1 1/2"	7	5/8"
	4"	2	Quad	-	44,300	36,200	25,600	1 1/2"	7	5/8"

All slings are sewn in house and are customizable.



WARNING: Do **NOT** exceed rated capacities. Sling tension increases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°.

ORDERING BRIDLE SLINGS

Number of Legs

- S - (Single - 1)
- D - (Double - 2)
- T - (Triple - 3)
- Q - (Quad - 4)

Sling Type

S O S

- EE 2 - 90 2 X 12

Master Link
0 - (Oblong)

Bearing to Bearing Length (in feet)

Bottom Attachment
S - (Sling Hook)
0 - (Oblong)

No. of Body Plys

Sling & Web Construction

Sling Width (in inches)



Proudly sewn in the USA*

DO NOT EXCEED WORKING LOAD LIMIT.
REFER TO PAGE 5 FOR WARNINGS AND CAUTIONS.

www.CargoControlUSA.com | (888) 775-5059



ENDLESS ROUND SLINGS

STOCK NUMBER	COLOR	VERTICAL RATED CAPACITY (LBS.)	CHOKER RATED CAPACITY (LBS.)	BASKET RATED CAPACITY (LBS.)
ENR1-2600	Purple	2,600	2,100	5,200
ENR2-5300	Green	5,300	4,200	10,600
ENR3-8400	Yellow	8,400	6,700	16,800
ENR4-10600	Tan	10,600	8,500	21,200
ENR5-13200	Red	13,200	10,600	26,400
ENR6-16800	White	16,800	13,440	33,600
ENR7-21200	Blue	21,200	17,000	42,400
ENR8-25000	Orange	25,000	20,000	50,000
ENR9-31000	Gray	31,000	24,800	62,000
ENR10-40000	Orange	40,000	32,000	80,000
ENR11-53000	Brown	53,000	42,400	106,000
ENR12-66000	Olive	66,000	52,800	132,000
ENR13-90000	Black	90,000	72,000	180,000

Inquire about lengths desired.

X100 SYNTHETIC ROUND SLING HOOKS

STOCK NUMBER	COLOR	WORKING LOAD LIMIT (LBS.)
XE1HK	Purple	2,600
XE2HK	Green	5,300
XE3HK	Yellow	8,400
XE5HK	Red	13,200



Proudly sewn in the USA*
Also available in imports.



HIGH PERFORMANCE ROUND SLINGS

STOCK NUMBER	COLOR SLEEVE	VERTICAL	WORKING LOAD LIMIT (LBS.)			MINIMUM LENGTH (FT)	WEIGHT/FT (LBS.)
			CHOKER	BASKET AT 90°	BASKET AT 45°		
HPENR10	Green	10,000	8,000	20,000	14,000	3	0.33
HPENR20	Yellow	20,000	16,000	40,000	28,000	3	0.47
HPENR30	Tan	30,000	24,000	60,000	42,000	3	0.66
HPENR40	Red	40,000	32,000	80,000	56,000	3	0.80
HPENR50	White	50,000	40,000	100,000	70,000	3	1.08
HPENR60	Blue	60,000	48,000	120,000	84,000	3	1.31
HPENR70	Gray	70,000	56,000	140,000	98,000	3	1.55
HPENR80	Gray	80,000	64,000	160,000	113,000	5	1.74
HPENR90	Orange	90,000	72,000	180,000	127,000	5	1.93
HPENR100	Orange	100,000	80,000	200,000	141,000	5	2.16
HPENR125	Brown	125,000	100,000	250,000	176,000	5	2.82
HPENR150	Black (6.5")	150,000	120,000	300,000	210,000	5	3.53
HPENR175	Olive	175,000	140,000	350,000	240,000	5	4.32
HPENR200	Black (8")	200,000	160,000	400,000	280,000	5	5.45



X100 BOLT TYPE WEB SHACKLE



STOCK NUMBER	DESCRIPTION	BOX
XWSB3	X100 3" Web Shackle, Bolt Type, HDG W/ Powder Coat Pin, WLL 6-3/4T	10/Box
XWSB4	X100 4" Web Shackle, Bolt Type, HDG W/ Powder Coat Pin, WLL 7-1/4T	10/Box
XWSB5	X100 5" Web Shackle, Bolt Type, HDG W/ Powder Coat Pin, WLL 9-1/2T	8/Box
XWSB6	X100 6" Web Shackle, Bolt Type, HDG W/ Powder Coat Pin, WLL 11-1/4T	4/Box



**READY SLING
CORNER PROTECTOR**



**SELF CHOKING
BRIDLE**



TWO-LEGGED BRIDLE



**STEEL TYPE 1 TRIANGLE
CHOKER**



DRUM LIFTER



**"PEEK-A-BOO"
TAG PROTECTOR
SEWN ON 2 SIDES**

**CUSTOM SYNTHETIC ASSEMBLIES
MADE TO ORDER
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PROTECTIVE TOW STRAP



WIDE BODY LIFT



**WEB SLING
CONNECTOR**



HOIST HOOK WITH LATCH



DUAL REACH SLING



**HEAVY DUTY
RECOVERY
STRAP**



CHAIN/WEB COMBO SLINGS



TYPE 2 TRIANGLE-TRIANGLE



**ALUMINUM TYPE 1 TRIANGLE
CHOKER**



CUSTOM TAGGING

call to inquire



BARREL SLING



1" FLAT HANDLE RATCHET
2M1FHR



1" WIDE HANDLE RATCHET
3M1WHR



2" WIDE HANDLE RATCHET LIGHT DUTY
4M2WHR



2" STANDARD HANDLE HOOK END RATCHET
6M2HER



2" MEDIUM WIDE HANDLE RATCHET
10M2MWHR



2" STANDARD HANDLE RATCHET
10M2SHR



2" LONG WIDE HANDLE RATCHET WITH SWIVEL SNAP HOOK
10M2WHR-SSH



2" LONG WIDE HANDLE RATCHET
10M2WHR



2" MEDIUM WIDE HANDLE WITH CHAIN TAIL
10M2MWHR-CH



3" STANDARD HANDLE RATCHET
15M3WHR



4" STANDARD HANDLE RATCHET
20M4WHR

RATCHETS

STOCK NUMBER	WIDTH	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
2M1FHR	1"	Flat Handle Ratchet	2,000
3M1WHR	1"	Wide Handle Ratchet	3,400
4M2WHR	2"	Wide Handle Ratchet - Light Duty	4,400
6M2HER	2"	Standard Handle Hook End Ratchet	6,000
10M2MWHR-CH	2"	Medium Wide Handle with Chain Tail	10,000
10M2MWHR	2"	Medium Wide Handle Ratchet	10,000
10M2SHR	2"	Standard Handle Ratchet	10,000
10M2WHR-SSH	2"	Long Wide Handle Ratchet with Swivel Snap Hook	10,000
10M2WHR	2"	Long Wide Handle Ratchet	10,000
15M3WHR	3"	Standard Handle Ratchet	18,000
20M4WHR	4"	Standard Handle Ratchet	20,000

To operate a, pull the webbing through the mandrel bars eliminating any slack. Operate the ratchet handle back and forth until the webbing is properly tensioned. The mandrel bars must have at least (2) two wraps of webbing to prevent slippage. To release the webbing, pull the handle pawl to the fully opened position and rotate the handle itself past the center position on the ratchet to the fully open position. Finally, pull the webbing back through the mandrel creating slack.



2" NARROW FLAT HOOK



2" FLAT HOOK W/
PROTECTIVE CLIP



4" FLAT HOOK W/
KEEPER



4" FLAT HOOK

FLAT HOOKS

STOCK NUMBER	WIDTH	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
6M2FH	2"	Narrow Flat Hook	6,000
10M2FH	2"	Flat Hook w/ Protective Clip	11,000
15M4FH-K	4"	Flat Hook with Keeper	15,000
15M4FH	4"	Flat Hook w/ Protective Clip	16,200
20M4FH	4"	HD Flat Hook w/ Protective Clip	20,000



1" - 1,000 LBS. MBS
1M1CB



1" - 2,500 LBS. MBS
2M1CB



2" - 3,000 LBS. MBS
3M2CB

CAM BUCKLES

STOCK NUMBER	WIDTH	MINIMUM BREAKING STRENGTH (LBS.)
1M1CB	1"	1,000
2M1CB	1"	2,500
3M2CB	2"	3,000



5,000 LBS. FLAT
SNAP HOOK



10,000 LBS. FLAT
SNAP HOOK



15,000 LBS. FLAT
SNAP HOOK



10,000 LBS. TWISTED
SNAP HOOK

SNAP HOOKS

STOCK NUMBER	WIDTH	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
5M2FSH	2"	Flat Snap Hook	5,000
10M2FSH	2"	Flat Snap Hook	10,000
15M3FSH	3"	Flat Snap Hook	15,000
5M2TSH	2"	Twisted Snap Hooks	5,000
10M2TSH	2"	Twisted Snap Hooks	10,000



SNAP HOOKS

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	OVERALL LENGTH	EYE SIZE	WEIGHT/PIECE (LBS.)
SNAPHK437	7/16"	750	3 15/16"	3/4"	0.24
SNAPHK562	9/16"	1000	4 3/4"	1 1/8"	0.50
SNAPHK550				3/4"	0.48

HOT GALVANIZED

Not rated for overhead lifting.



**6,000 FORGED
SNAP HOOK**



**10,000 FORGED
SNAP HOOK**



FORGED SNAP HOOKS

STOCK NUMBER	WIDTH	MINIMUM BREAKING STRENGTH (LBS.)
6M2FGSH	2"	6,000
10M2FGSH	2"	10,000



**1" 2,000 LBS.
WIRE J-HOOK**



**1" 3,000 LBS.
WIRE J-HOOK**



**2" & 3" WIRE
J-HOOK**



DOUBLE WIRE J-HOOKS

STOCK NUMBER	WIDTH	MINIMUM BREAKING STRENGTH (LBS.)
2M1J	1"	2,000
3M1J	1"	3,000
5M2J	2"	5,000
8M2J	2"	8,000
10M2J	2"	10,000
20M3J	3"	22,000



**AUTO TIE DOWN
J-HOOK**



**RATCHET AUTO TIE DOWN
J-HOOK**



**RATCHET AUTO TIE DOWN
WITH SHORT J-HOOK**



J-HOOKS FOR AUTO TIE DOWN

STOCK NUMBER	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
10M2J-BOLT	Swivel J-Hook Auto Tie Down	10,000
10M2J-BOLT-S	Swivel J Hook - Short Shank	10,000
10M2J-RAT	Swivel J-Hook Ratchet Auto Tie Down	10,000



1" VINYL-COATED S-HOOK



1" VINYL-COATED S-HOOK WITH KEEPER / SNAP

1" VINYL-COATED S-HOOKS

STOCK NUMBER	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
1M1S	Without Keeper/Snap	1,500
2M1S	Without Keeper/Snap	2,300
3M1S	Without Keeper/Snap	3,000
3M1S-K	With Keeper/Snap	3,000



10M2GH



15M3GH

GRAB HOOK WITH PEAR LINK

Zinc Plated

STOCK NUMBER	WORKING LOAD LIMIT (LBS.)	BREAKING STRENGTH (LBS.)	WEIGHT (LBS.)
10M2GH	3,333	10,000	1.34
15M3GH	5,400	16,200	1.45



15" CHAIN ANCHOR WITH D-RING



18" CHAIN ANCHOR WITH D-RING

CHAIN ANCHORS

STOCK NUMBER	LENGTH	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
10M2CG	15"	With D-Ring, 5/16" Chain Hook	11,200
15M3CG	18"	With D-Ring, 3/8" Chain Hook	16,200



1" D-RING / KEEPER
3M1K



2" D-RING / KEEPER
5M2K



D-RING
10M2D



3" D-RING
15M3D



2" RECTANGLE KEEPER
8M2RETK



2" CIRCLE 5,000 LBS.
5M2C



2" CIRCLE 10,000 LBS.
9M2C



PHOSPHATE D-RING
PS22046

D-RINGS & KEEPERS

STOCK NUMBER	DESCRIPTION	MINIMUM BREAKING STRENGTH (LBS.)
3M1K	1" D-Ring / Keeper	3,000
5M2K	2" D-Ring / Keeper	5,000
5M2D	2" D-Ring	5,000
10M2D	2" Flat D-Ring	10,000
10M2RD	2" Rounded D-Ring	10,000
15M3D	3" D-Ring	18,000
8M2RETK	2" Rectangle Keeper	8,000
5M2C	2" Circle	5,000
9M2C	2" Circle	10,000
PS22046-8	2" Phosphate D-Ring	5,000
PS22046	2" Phosphate D-Ring	5,000



8" J-HOOK WITH CLEVIS
G70-8JC



8" J-HOOK WITH LINK
G70-8J



15" J-HOOK WITH CLEVIS
G70-15JC



15" J-HOOK WITH LINK
G70-15J



15" GRADE 80 J-HOOK
G80-15JC

J-HOOKS

STOCK NUMBER	FINISH	SIZE	FITTING	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
G70-8JC	Yellow Zinc	8"	With Clevis	5,400	3.8
G70-8J	Yellow Zinc	8"	With Link	5,400	4.2
G70-15JC	Yellow Zinc	15"	With Clevis	5,400	3.2
G70-15J	Yellow Zinc	15"	With Link	5,400	3.6
G80-15JC	Painted Red	15"	With Clevis	7,100	5.7

DO NOT EXCEED WORKING LOAD LIMIT.
REFER TO PAGE 5 FOR WARNINGS AND CAUTIONS.



5/16" GRAB HOOK ASSEMBLY
10M2GH



3/8" GRAB HOOK ASSEMBLY
15M3GH



TOWING BENT MINI J
11M-BMJ



RTJ "CLUSTER" HOOK
11M-RTJ



R, T, J, 5/16" GRAB
11M-RTJG



J, T
11M2TTJ



J
11M2TMJ



R
11M2TR



T
11M2TT



5/16" COMBO T/GRAB
G70TG312

AUTO / TOWING CLUSTER HOOKS

STOCK NUMBER	COLOR	HOOKS	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
10M2GH	Yellow Zinc	5/16" Grab Hook Assembly	3,333	1.20
15M3GH	Yellow Zinc	3/8" Grab Hook Assembly	5,400	1.50
11M-BMJ	Yellow Zinc	Towing Bent Mini J	3,667	1.20
11M-RTJ	Yellow Zinc	Towing Cluster Hook RTJ	4,700	2.75
11M-RTJG	Yellow Zinc	Towing Cluster Hook RTJ + 5/16 Grab Hk	4,700	4.00
11M2TTJ	Yellow Zinc	Towing J/T Hook with Link	4,700	1.15
11M2TMJ	Yellow Zinc	Towing J-Hook with Link	4,700	1.15
11M2TR	Yellow Zinc	Towing R-Hook with Link	4,700	1.15
11M2TT	Yellow Zinc	Towing T-Hook with Link	4,700	1.15
G70TG312	Yellow Zinc	G70 5/16" Combination T/Grab	4,700	1.35

R-Hook for Foreign, T-Hook for Ford, J-Hook for GM & Chrysler.





SUPERBUNGEEES

SUPERBUNGEEES

STOCK NUMBER	MAXIMUM STRETCH (FT)	COLOR	BREAKING STRENGTH (LBS.)	HOOK MATERIAL
SB6	3	Green	180	3.5mm Thick Steel-Core UV-Resistant Plastic Molding
SB12	5.6	Blue	180	3.5mm Thick Steel-Core UV-Resistant Plastic Molding
SB18	8.3	Black	180	3.5mm Thick Steel-Core UV-Resistant Plastic Molding
SB24	11	Black/Blue Mix	180	3.5mm Thick Steel-Core UV-Resistant Plastic Molding

Steel-Core Non-Scratch Safety Hooks.



RUBBER TARP STRAPS - MADE IN USA



STOCK NUMBER	DESCRIPTION
TGL10	10" EPDM Rubber Straps - 50/Box
TGL15	15" EPDM Rubber Straps - 50/Box
TGL21	21" EPDM Rubber Straps - 50/Box
TGL31	31" EPDM Rubber Straps - 50/Box
TGL41	41" EPDM Rubber Straps - 50/Box



RUBBER TARP STRAPS

RUBBER ROPE

STOCK NUMBER	DESCRIPTION
RR7/16X150	7/16" X 150' Spool
RR3/8X150	3/8" X 150' Spool

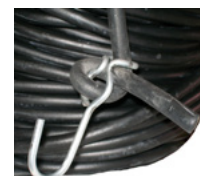
If the standard sizes won't suit your needs, make your own size with solid core rubber rope and hooks.



RUBBER ROPE

RUBBER ROPE HOOKS

STOCK NUMBER	DESCRIPTION
RR-HOOKS	100/Box



RUBBER ROPE HOOKS

CABLE PULLER COME-ALONG

STOCK NUMBER	SIZE	MAXIMUM PULL (FT)	CABLE DIAMETER	HANDLE LENGTH	WEIGHT (LBS.)	WORKING LOAD LIMIT (LBS.)
CP2000	1 Ton	12	3/16"	20"	8.2	2,000
CP4000	2 Ton	6	3/16"	20"	9.4	4,000
CP8000	4 Ton	5-10	1/4"	22"	14.4	8,000

Easiest, smoothest, and safest Cable Puller available. Premium quality for the toughest jobs.



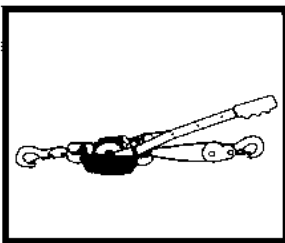
DOUBLE GEAR CLOSE UP



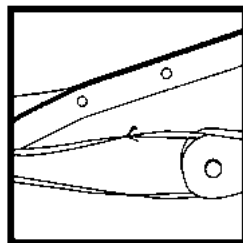
KEY FEATURES

- Heavy Duty Aluminum Double Gear
- Double Line Galvanized Aircraft Cable with Pulley/Hook Block
- 360° Rotation Swivel Hook
- Heavy Steel Frame & Handle
- Easy-to-Use Thumb Operated Engaging and Disengaging
- Forged Hooks with Safety Latches
- Anti-Slip Grip Handle
- Forged Spring-Operated Pawl
- Safety Factor 2 to 1

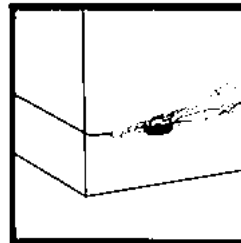
⚠ CAUTIONS



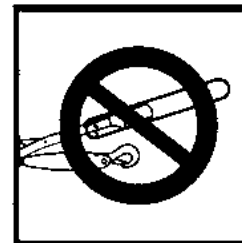
DO NOT OVERLOAD Maximum weight capacity. For **PULLING ONLY**. This item is **not rated for overhead lifting**. Be sure that the area is free and clear of any objects.



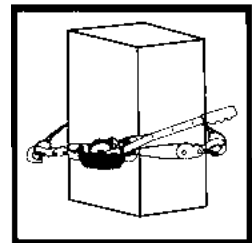
VISUALLY INSPECT PULLER Check for any damage or wear before each use. Look for fraying, kinks, or twisted wire in the cable. Look for damage to the handle, body, or mechanism. **Do not use if any damage is evident.**



DO NOT PULL AROUND CORNERS.



DO NOT USE A "CHEATER" PIPE OR ANY OTHER DEVICE TO INCREASE LEVERAGE. Do not use with any evidence of a bent or twisted handle.



NEVER WRAP CABLE AROUND AN OBJECT AND RECONNECT TO THE PULLER'S BODY OF CABLE.



LASSO STRAPS
PAGE 42



TIE BACK STRAPS
PAGE 43



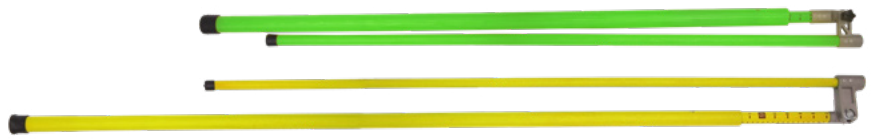
WHEEL STRAPS WITH GRIP STRIPS & WHITE 15K WEBBING
PAGE 45



WHEEL STRAPS WITH 3 TIRE GRIPPERS & YELLOW 15K WEBBING
PAGE 45



RAMP ROLLER
PAGE 47



HEIGHT STICKS
PAGE 47



3" STANDARD LONG RATCHET
PAGE 49



CLUSTER RATCHET TIE DOWN STRAPS WITH RTJ CLUSTER AND RATCHET WITH CHAIN
PAGE 48



ROLLBACK 8 POINT TIE DOWN KITS
PAGE 49



THROUGH-THE-WHEEL STRAP
PAGE 46



FLAT SNAP HOOK TIE DOWNS
PAGE 50



HEAVY DUTY AXLE STRAP WITH DELTA RINGS AND PROTECTIVE SLEEVE
PAGE 50



HEAVY DUTY VINYL SIGNS

RED OR ORANGE MESH FLAGS

OVERSIZE & WIDE LOAD SIGNS

STOCK NUMBER	SIZE	MATERIAL	TEXT
OSL-SIGN	18" x 84"	Heavy-Duty Vinyl Mesh with Brass Grommets	Oversize Load
OSL-SIGN2	18" x 84"	Heavy-Duty Vinyl with Brass Grommets	Reversible Oversize / Wide Load

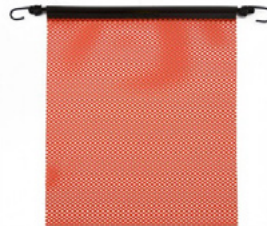
12/Case.



POLY FLAG ON WOODEN DOWEL



MESH FLAG ON WOODEN DOWEL



MESH FLAG WITH BUNGEE



MESH FLAG WITH METAL LOOP



FLAG BRACKETS



HEAVY DUTY MAGNETIC FLAG HOLDER

SAFETY FLAGS

STOCK NUMBER	DESCRIPTION
SF-POLY	18" x 18" Polyester Flag on Wooden Dowel, Red
SF-MESH	18" x 18" Mesh Flag on Wooden Dowel, Red
SF-MESH-ORG	18" x 18" Mesh Flag on Wooden Dowel, Orange
SF-MESH3	18" x 18" Mesh Flag with Bungee, Red
SF-MESH3-ORG	18" x 18" Mesh Flag with Bungee, Orange
SF-MESH2	18" x 18" Mesh Flag with Metal Loop, Red
SF-MAG	95lb. Heavy Duty Magnetic Flag Holder with Wing Nut
SF-101	Painted Flag Bracket - Colors may vary
SF-102	Stainless Flag Bracket - Colors may vary



ADJUSTABLE BASKET STRAPS

STOCK NUMBER	TIRE SIZE	END FITTING
ADJWTD	13"-16" Standard	Flat Hook
ADJWTD-XL	17"-18" XL	Flat Hook

Sold in sets of two. Standard color is yellow. Please specify color when ordering. Rubber wheel grips can be requested. Ratchets are sold separately.

ADJUSTABLE BASKET STRAPS



NON-ADJUSTABLE BASKET STRAPS

STOCK NUMBER	TIRE SIZE	END FITTING
13-14WTD	13"-14"	Flat Hook
15-16WTD	15"-16"	Flat Hook

Sold in sets of two. Standard color is yellow. Please specify color when ordering. Rubber wheel grips can be requested. Ratchets are sold separately.

NON-ADJUSTABLE BASKET STRAPS



LASSO STRAPS

STOCK NUMBER	WIDTH	LENGTH	MATERIAL
LASSO2X8	2"	8'	12,000 lb. Webbing and Round Ring
LASSO2X10	2"	10'	12,000 lb. Webbing and Round Ring
LASSO2X12	2"	12'	12,000 lb. Webbing and Round Ring

Sold as singles, not in pairs. Standard color is yellow. Please specify color when ordering. Rubber wheel grips can be requested. Ratchets are sold separately.

LASSO STRAPS



LASHING & WHEEL GRIPS

STOCK NUMBER	LENGTH	MATERIAL	END FITTINGS
ADJ-2R10WL	10'	12,000 lb. Webbing	Swivel bolt J-Hook & Floating J-Hook

Sold as singles, not in pairs. Standard color is yellow. Please specify color when ordering. Ratchets included.

LASHING WITH RATCHET & WHEEL GRIPS



ADJUSTABLE NET STRAPS

STOCK NUMBER	TIRE SIZE	END FITTING
ADJWTD-2FH	13"-16"	Flat Hook
ADJWTD-2TSH	13"-16"	Twisted Snap Hook

Rubber wheel grips can be requested. Standard color is yellow. Please specify color when ordering. Alternate hardware available. Ratchets are sold separately.

LASHING WITH RATCHET & WHEEL GRIPS

CUSTOMIZE COLOR, WEBBING & LENGTH



Yellow is the standard color for all Auto Tie Downs. Additional colors available. Minimum order may be required. Please specify color when ordering.

Our quality **AUTO TIE DOWNS** are made in the USA and are available in a variety of colors. Some of the most popular styles are shown on this page. Please contact our sales department for additional information and other styles available. Ratchets & Short Ends are sold separately. See **ratchet options** on **page 38**.

Proudly sewn in the USA*

TIE BACK STRAPS

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
10M2TBS	2"	4'	Twisted Snap Hooks	3,333



TIE BACK STRAPS

COMBO RATCHET AXLE STRAPS

STOCK NUMBER	WIDTH	LENGTH	END FITTING	WORKING LOAD LIMIT (LBS.)
10M2CRAS	2"	9'	Twisted Snap Hooks	3,333

Floating D-ring to cinch strap around axle.



COMBO RATCHET AXLE STRAPS

4 POINT TIE DOWN KIT

STOCK NUMBER	WORKING LOAD LIMIT (LBS.)
10M2-4PTDK	3,333

Kit contains 2 each: 10M2CRAS (adjustable ratcheting axle straps), and 10M2TBS (tie back axle straps with floating D-ring & keeper). Four pieces total.



4 POINT TIE DOWN KIT



AXLE STRAPS

STOCK NUMBER	SLEEVE	WIDTH	LENGTH	MATERIAL	WORKING LOAD LIMIT (LBS.)
AX12	Without Sleeve	2"	12"	12,000 lb. Webbing	3,333
AX24	With Sleeve	2"	24"	12,000 lb. Webbing	3,333
AX36	With Sleeve	2"	36"	12,000 lb. Webbing	3,333
AX48	With Sleeve	2"	48"	12,000 lb. Webbing	3,333

Listed here are some of the most popular part numbers. Please contact our sales department for additional products. 12"-72" Standard Stock. Lengths over 18" have protective sleeves. Length is overall D-ring to D-ring.



Proudly sewn in the USA*

CUSTOMIZE COLOR & LENGTH



RECOVERY STRAPS

PROTECTIVE WRAPPED EYES	PROTECTIVE WRAPPED EYES & BODY	MATERIAL	SIZE	DESCRIPTION
STOCK NUMBER				
RS1P6X26CE	-	1 Ply	6" X 26'	Recovery Strap
RS1P24X20CE	-	1 Ply	24" X 20'	Recovery Strap
RS1P24X24CE	-	1 Ply	24" X 24'	Recovery Strap
RS2P6X14CE	-	2 Ply	6" X 14'	Recovery Strap
RS2P6X26CE	-	2 Ply	6" X 26'	Recovery Strap
-	RS2P8X12CB	2 Ply	8" X 12'	Recovery Strap
RS2P8X16CE	-	2 Ply	8" X 16'	Recovery Strap
-	RS2P8X20CB	2 Ply	8" X 20'	Recovery Strap
RS2P8X20CE	-	2 Ply	8" X 20'	Recovery Strap
RS2P8X26CE	-	2 Ply	8" X 26'	Recovery Strap
RS2P10X16CE	RS2P10X16CB	2 Ply	10" X 16'	Recovery Strap
RS2P12X16CE	RS2P12X16CB	2 Ply	12" X 16'	Recovery Strap
RS2P12X20CE	RS2P12X20CB	2 Ply	12" X 20'	Recovery Strap
RS2P12X26CE	RS2P12X26CB	2 Ply	12" X 26'	Recovery Strap
RS2P912X16CE-I	-	2 Ply	12" X 16'	Import Recovery Strap
RS2P912X26CE-I	-	2 Ply	12" X 26'	Import Recovery Strap

1 PLY POLYESTER TOW STRAPS

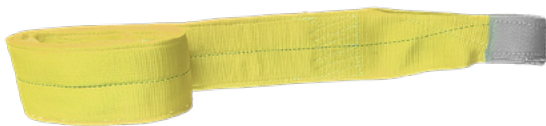
TOW CAPACITY (LBS.)				
2,000	4,000	5,000	6,667	LENGTH (FT)
STOCK NUMBER				
6215	12215	1515	2015	15
6220	12220	1520	2020	20
6225	12225	1525	2025	25
6230	12230	1530	2030	30

2 PLY NYLON TOW STRAPS

TOW CAPACITY (LBS.)			
10,600	14,300	18,300	LENGTH (FT)
STOCK NUMBER			
32215	43315	55415	15
32220	43320	55420	20
32225	43325	55425	25
32230	43330	55430	30

Reinforced Eyes help to resist wear and tear. Available 32,000-450,000 lb. capacities. Other sizes are available.

⚠ Do not exceed working load limits! Not to be used for overhead lifting. "Tow" Capacity 3:1 Safety Factor (or 1/3 Break Strength).



PROTECTIVE WRAPPED EYES



PROTECTIVE WRAPPED EYES & BODY

PROTECTIVE PADS

STOCK NUMBER	DESCRIPTION
PADV624	6" Velcro Protective Pad - Poly Sling Web, 24" , Single Ply
PADV824	8" Velcro Protective Pad - Poly Sling Web, 24" , Single Ply
PADV1024	10" Velcro Protective Pad - Poly Sling Web, 24" , Single Ply
PADV1224	12" Velcro Protective Pad, 24" , Single Ply
PADV1424	14" Velcro Protective Pad, 24" , Single Ply
PADV1236-4PLY	12" Protective Pad W/ Protective Wrapping On One Side - 36" , 4 Ply
PADV1624-2PLY	16" Velcro HD Protective Pad, 24" , 2 Ply
PADV1624-HD	16" Velcro HD Protective Pad, 24" , 3 Ply
PADV2830-2PLY	28" Velcro Protective Pad, 30" , 2 Ply
PADVBW6X24	6" Velcro Protective Pad/Chafe Guard - Buffer Web, 24" , Single Ply
PAD1448	14" Slide On Protective Pad, 48"
PAD624	6" Slide On Protective Pad, 48"
PAD824	8" Slide On Protective Pad, 48"
PAD1024	10" Slide On Protective Pad, 48"
PAD1224	12" Slide On Protective Pad, 48"
PAD1424	14" Slide On Protective Pad, 48"

SPECIALTY STRAPS

Made to order. Custom lengths, colors, hardware, & configurations. Call our sales department for more information on designing products that fit your needs.



TOW STRAPS



WHEEL STRAPS WITH GRIP STRIPS & WHITE 15K WEBBING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
WSSM10GSDJW	10	Double J Hooks	3,330
WSSM12GSDJW	12	Double J Hooks	3,330
WSSM14GSDJW	14	Double J Hooks	3,330
WSSM15GSDJW	15	Double J Hooks	3,330
WSSM10GSSJW	10	Swivel J Hooks	3,670
WSSM12GSSJW	12	Swivel J Hooks	3,670
WSSM14GSSJW	14	Swivel J Hooks	3,670
WSSM15GSSJW	15	Swivel J Hooks	3,670



WHEEL STRAPS WITH 3 TIRE GRIPPERS & WHITE 15K WEBBING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
WSSM10TGDJW	10	Double J Hooks	3,330
WSSM12TGDJW	12	Double J Hooks	3,330
WSSM14TGDJW	14	Double J Hooks	3,330
WSSM15TGDJW	15	Double J Hooks	3,330
WSSM10TGSJW	10	Swivel J Hooks	3,670
WSSM12TGSJW	12	Swivel J Hooks	3,670
WSSM14TGSJW	14	Swivel J Hooks	3,670
WSSM15TGSJW	15	Swivel J Hooks	3,670



WHEEL STRAPS WITH GRIP STRIPS & YELLOW 15K WEBBING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
WSM10GSDJY	10	Double J Hooks	3,330
WSM12GSDJY	12	Double J Hooks	3,330
WSM14GSDJY	14	Double J Hooks	3,330
WSM15GSDJY	15	Double J Hooks	3,330
WSM10GSSJY	10	Swivel J Hooks	3,670
WSM12GSSJY	12	Swivel J Hooks	3,670
WSM14GSSJY	14	Swivel J Hooks	3,670
WSM15GSSJY	15	Swivel J Hooks	3,670



WHEEL STRAPS WITH 3 TIRE GRIPPERS & YELLOW 15K WEBBING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
WSM10TGDJY	10	Double J Hooks	3,330
WSM12TGDJY	12	Double J Hooks	3,330
WSM14TGDJY	14	Double J Hooks	3,330
WSM15TGDJY	15	Double J Hooks	3,330
WSM10TGSJY	10	Swivel J Hooks	3,670
WSM12TGSJY	12	Swivel J Hooks	3,670
WSM14TGSJY	14	Swivel J Hooks	3,670
WSM15TGSJY	15	Swivel J Hooks	3,670



RATCHET WHEEL STRAPS WITH GRIP STRIPS & YELLOW 12K WEBBING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
WSRT10GSDJY	10	Double J Hooks	3,300
WSRT12GSDJY	12	Double J Hooks	3,300
WSRT10GSSJY	10	Swivel J Hooks	3,670
WSRT12GSSJY	12	Swivel J Hooks	3,670



RATCHET WHEEL STRAPS WITH 3 TIRE GRIP-PERS & YELLOW 12K WEBBING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
WSRT10TGDJY	10	Double J Hooks	3,300
WSRT12TGDJY	12	Double J Hooks	3,300
WSRT10TGSJY	10	Swivel J Hooks	3,670
WSRT12TGSJY	12	Swivel J Hooks	3,670



REPLACEMENT SHORT ENDS

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT* (LBS.)
SERM5X10DJY	10	Double J Hooks	3,300
SERM5X10SJY	10	Swivel J Hooks	3,670

*WLL when used with 3Point Tie Down

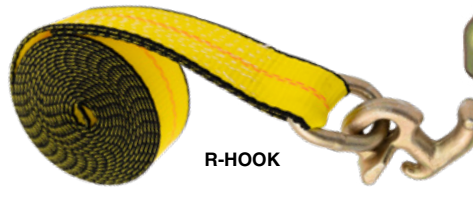


GRAPHITE LUBRICANT

STOCK NUMBER	SIZE	QUANTITY PER CASE
SLIPAERO-12CS	12 oz. Aerosol Spray Can	12
SLIP1-4X1G	Gallon Can	4
SLIP1-6X1Q	Quart Can	6



THROUGH-THE-WHEEL STRAP



R-HOOK



RTJ CLUSTER

AUTO HAULER STRAPS

STOCK NUMBER	LENGTH (FT)	DESCRIPTION	WORKING LOAD LIMIT (LBS.)
TTW2X9Y	9	Through-The-Wheel Strap with Double J Hook	1,665
TR2X8Y	8	Replacement Strap with Tow R-Hook	3,333
TR2X10Y	10	Replacement Strap with Tow R-Hook	3,333
RTJ2X8Y	8	Replacement Strap with RTJ Cluster	3,333
RTJ2X9Y	9	Replacement Strap with RTJ Cluster	3,333
RTJ2X10Y	10	Replacement Strap with RTJ Cluster	3,333
RTJ2X12Y	12	Replacement Strap with RTJ Cluster	3,333



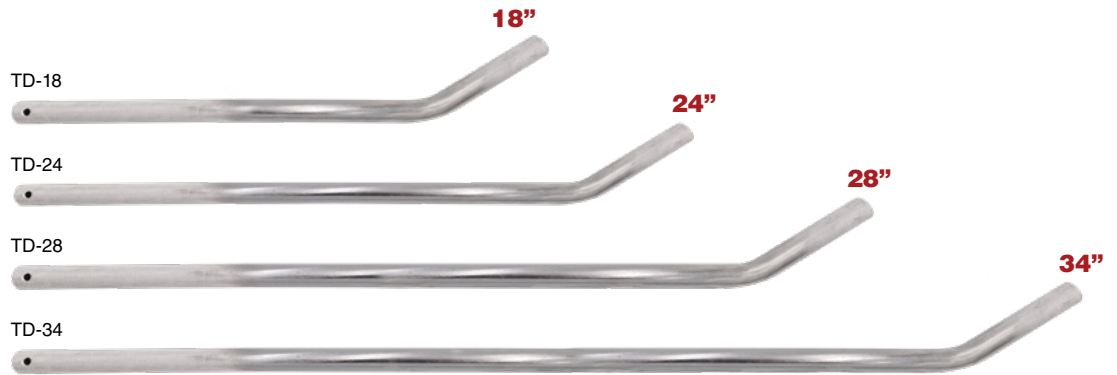
SAFETY FLAG

STOCK NUMBER	DESCRIPTION
SF-FLAG2X	Safety Flag with Reflective X, 18" X 18", Orange



RAMP ROLLER

STOCK NUMBER	DESCRIPTION
RR101	Ramp Roller / Eye Ball Bearing Assembly



TIE DOWN BARS

STOCK NUMBER	LENGTH (IN)	APPLICATION
TD-18	18	For Strap Trucks
TD-24	24	For Strap Trucks
TD-28	28	For Strap Trucks, 1/4' Grade 70 Trailer Chain
TD-34	34	1/4' Grade 70 Trailer Chain



HEIGHT STICKS

STOCK NUMBER	DESCRIPTION	COLOR
HS-15G	Metric and Standard Measurements Height Stick - Extends 54" - 180"	Hi Viz Green
HS-15Y	Standard Measurement Height Stick Extends 67" - 180"	Yellow

Lightweight Fiberglass Hi Vis Height Sticks, Packed Individually with Carry Bag



CLUSTER RATCHET TIE DOWN STRAPS WITH RTJ CLUSTER AND RATCHET WITH CHAIN

STOCK NUMBER	LENGTH (FT)	RATCHET	END FITTING	QUANTITY	WORKING LOAD LIMIT (LBS.)
CHM10R8RTJY-KIT	8	2" Medium Wide 4K Ratchet, Chain Bracket Tail	RTJ Cluster	Set of 4 Assemblies	3,333
CHM10R8RTJY	8	2" Medium Wide 4K Ratchet, Chain Bracket Tail	RTJ Cluster	1 Assembly	3,333



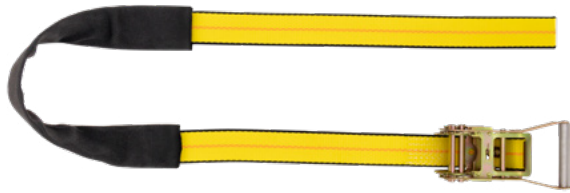
CLUSTER RATCHET TIE DOWN STRAPS WITH RTJ CLUSTER AND RATCHET WITH SNAP HOOK WITH SPACERS

STOCK NUMBER	LENGTH (FT)	RATCHET	END FITTING	QUANTITY	WORKING LOAD LIMIT (LBS.)
SSHM6R8RTJY-KIT	8	2" Medium Wide 4K Ratchet, Snap Hook	RTJ Cluster	Set of 4 Assemblies	2,000
SSHM6R8RTJY	8	2" Medium Wide 4K Ratchet, Snap Hook	RTJ Cluster	1 Assembly	2,000

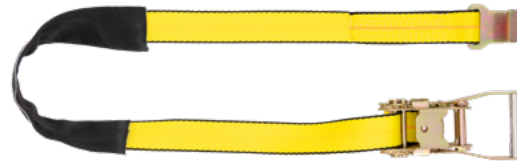


CLUSTER RATCHET TIE DOWN STRAPS WITH RTJ CLUSTER AND RATCHET WITH FLAT SNAP HOOK SHORT END

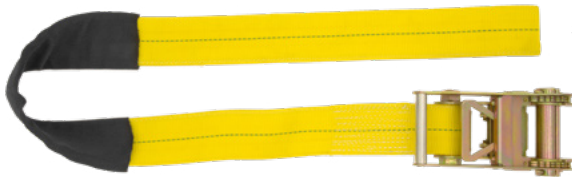
STOCK NUMBER	LENGTH (FT)	RATCHET	END FITTING	QUANTITY	WORKING LOAD LIMIT (LBS.)
FSHM6R8RTJY-KIT	8	2" Medium Wide 4K Ratchet, Flat Snap Hook Short End	RTJ Cluster	Set of 4 Assemblies	2,000
FSHM6R8RTJY	8	2" Medium Wide 4K Ratchet, Flat Snap Hook Short End	RTJ Cluster	1 Assembly	2,000



2" MEDIUM WIDE RATCHET
UL266Y-SLV



2" MEDIUM WIDE WITH FORGED FLAT HOOK
UL266HKY-SLV



3" STANDARD RATCHET
UL364Y-SLV



3" STANDARD LONG RATCHET
UL3L64-SLV

UNDERLIFT STRAPS

STOCK NUMBER	LENGTH (FT)	RATCHET	END FITTING	WORKING LOAD LIMIT (LBS.)
UL266Y-SLV	5' 6"	2" Medium Wide	-	7,000
ULRS266Y	5' 6"	-	-	7,000
UL266HKY-SLV	5' 6"	2" Medium Wide	Forged Flat Hook	7,000
ULRS266HKY	5' 6"	-	Forged Flat Hook	7,000
UL364Y-SLV	5' 4"	3" Standard	-	11,000
UL3L64-SLV	5' 4"	3" Long	-	11,000



ROLLBACK 8 POINT TIE DOWN KITS

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)	QUANTITY PER BOX
RB8PT-CH14G	14	Chain	4,000	1 Kit
RB8PT-CH18G	18	Chain	4,000	1 Kit
RB8PT-TSH14Y	14	Chain	4,000	1 Kit
RB8PT-TSH18Y	18	Chain	4,000	1 Kit
RB8PT-FSH614Y	14	Twisted Snap Hooks	4,000	1 Kit
RB8PT-FSH618Y	18	Twisted Snap Hooks	4,000	1 Kit

Individual replacement parts also available



HEAVY DUTY AXLE STRAP WITH DELTA RINGS AND PROTECTIVE SLEEVE

STOCK NUMBER	LENGTH (IN)	WORKING LOAD LIMIT (LBS.)
AX16Y	16	3,333
AX20Y	20	3,333
AX26Y	26	3,333
AX36Y	36	3,333
AX48Y	48	3,333



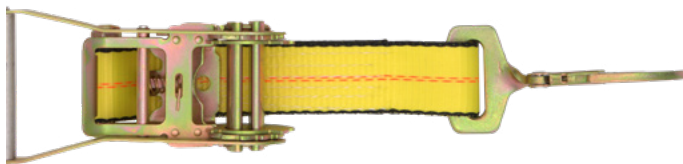
HEAVY DUTY AXLE STRAP WITH GRAB PLATES AND PROTECTIVE SLEEVE

STOCK NUMBER	LENGTH (IN)	WORKING LOAD LIMIT (LBS.)
AX16GPY	16	3,333
AX20GPY	20	3,333
AX26GPY	26	3,333
AX36GPY	36	3,333
AX48GPY	48	3,333



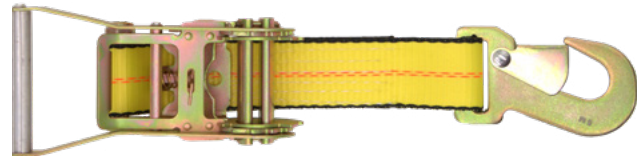
COMBO RATCHET AXLE STRAP WITH FLOATING D RING

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
10M2CRAS	9	Twisted Snap Hook	3,333
10M2CRAS/FSH	9	Flat Snap Hook	3,333
10M2CRAS/CH	9	Chain Tail	3,333
TSH2X8-SLVY	8	Twisted Snap Hook Replacement Strap	3,333



TWISTED SNAP RATCHET TIE DOWNS

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
TSH10R8Y	8	Twisted Snap Hook	3,333
TSH10R10Y	10	Twisted Snap Hook	3,333



FLAT SNAP HOOK TIE DOWNS

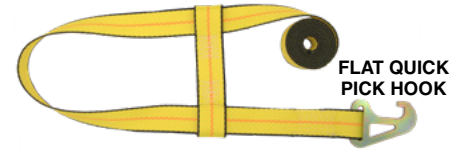
STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
FSH6R6Y	6	6K Flat Snap Hook	2,000
FSH6R8Y	8	6K Flat Snap Hook	2,000



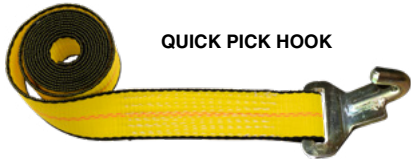
ROUND D-RING



SEWN LOOP



FLAT QUICK PICK HOOK



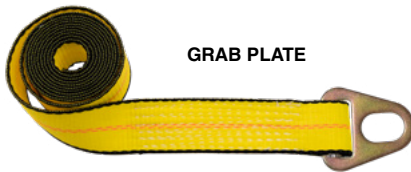
QUICK PICK HOOK



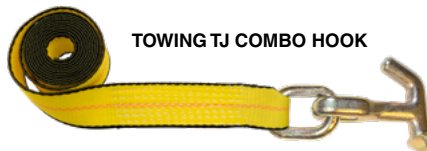
FLAT SNAP HOOK WITH PROTECTIVE SLEEVE



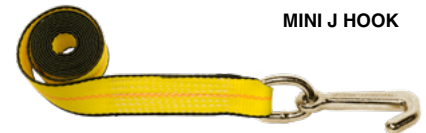
FLAT SNAP HOOK & D RING



GRAB PLATE



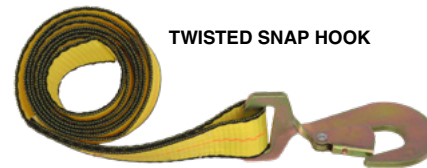
TOWING TJ COMBO HOOK



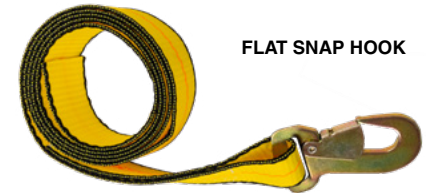
MINI J HOOK



RTJ CLUSTER



TWISTED SNAP HOOK



FLAT SNAP HOOK

REPLACEMENT STRAPS

STOCK NUMBER	LENGTH (FT)	END FITTING	WORKING LOAD LIMIT (LBS.)
RD2X8Y	8	Round D Ring	3,333
RD2X10Y	10	Round D Ring	3,333
RD2X12Y	12	Round D Ring	3,333
RD2X14Y	14	Round D Ring	3,333
LE2X10-2IN Y	10	Sewn Loop	3,333
QP2X8Y	8	Quick Pick Hook (fits Jerr-Dan)	1,000
FQP2X82PY	8	Flat Quick Pick Hook (fits Jerr-Dan) Two Piece	3,000
FSH6X8/SLVY	8	Flat Snap Hook (used on dynamic tow straps) & Protected Sleeve	2,000
WLS2X8-E2	8	Flat Snap Hook, D Ring	2,000
GP2X8Y	8	Grab Plate	3,333
TTJ2X8Y	8	Towing TJ Combo Hook	3,333
TJ2X10Y	10	Mini J Hook	3,333
RTJ2X8Y	8	RTJ Cluster	3,333
TSH2X6Y	6	Twisted Snap Hook	3,333
TSH2X8Y	8	Twisted Snap Hook	3,333
FSH2X6Y	6	Flat Snap Hook	3,333
FSH2X8Y	8	Flat Snap Hook	3,333



2" SHORT STANDARD HANDLE RATCHETS

STOCK NUMBER	RATCHET TYPE	HANDLE TYPE	HARDWARE	WORKING LOAD LIMIT (LBS.)
10M2SHR-4M	Short	Standard	-	4,000
10M2SHR-FFH	Short	Standard	Forged Finger Hook	2,570
10M2SHR-SF	Short	Standard	Single Finger Hook	1,000
10M2SHR-CHB	Short	Standard	Chain Bracket Tail	3,760
10M2SHR-BF	Short	Standard	Bent Finger Hook	2,000
10M2SHR-SSH6	Short	Standard	6K Swivel Snap Hook	2,000
10M2SHR-SSH10	Short	Standard	10K Swivel Snap Hook	3,333
10M2SHR-SH	Short	Standard	Flat Swivel Hook (no latch)	3,670
10M2SHR-DF	Short	Standard	Double Finger Hook	1,665
10M2SHR-LF	Short	Standard	Looped Finger Hook	1,000
10M2SHR-SJ	Short	Standard	Swivel J Hook	3,670
10M2SHR-AB	Short	Standard	A-Shaped Bracket	1,650



2" SHORT STANDARD HANDLE RATCHET
 2" MEDIUM WIDE HANDLE RATCHET
 2" LONG WIDE HANDLE RATCHET

RATCHET HARDWARE OPTIONS

- FFH - Forged Finger Hook
- SF - Single Finger Hook
- CHB - Chain Bracket Tail
- BF - Bent Finger Hook
- SSH - Swivel Snap Hook
- SH - Flat Swivel Hook
- DF - Double Finger Hook
- LF - Looped Finger Hook
- SJ - Swivel J Hook
- AB - A-Shaped Bracket



STAINLESS STEEL
10M2MWHRSS

LONG HANDLE
10M2WHR-4M

MORE RATCHET OPTIONS

STOCK NUMBER	RATCHET	HANDLE TYPE	WORKING LOAD LIMIT (LBS.)
10M2MWHRSS	2"	Stainless Steel Wide	2,200
10M2WHR-4M	2"	Long	4,000



2" MEDIUM WIDE RATCHET
10M2MWHR-4M

WITH FORGED FINGER HOOK
10M2MWHR-FFH

WITH SINGLE FINGER HOOK
10M2MWHR-SF

WITH CHAIN TAIL
10M2MWHR-CHB

2" BENT FINGER HOOK
10M2MWHR-BF

WITH SNAP HOOK
10M2MWHR-SSH6
10M2MWHR-SSH10

WITH FLAT SWIVEL HOOK
10M2MWHR-SH

WITH DOUBLE FINGER HOOK
10M2MWHR-DF

WITH LOOPED FINGER HOOK
10M2MWHR-LF

WITH SWIVEL J HOOK
10M2MWHR-SJ

WITH A-SHAPED BRACKET
10M2MWHR-AB

2" MEDIUM WIDE HANDLE RATCHETS

STOCK NUMBER	RATCHET TYPE	HANDLE TYPE	HARDWARE	WORKING LOAD LIMIT (LBS.)
10M2MWHR-4M	Medium	Wide	-	4,000
10M2MWHR-FFH	Medium	Wide	Forged Finger Hook	2,570
10M2MWHR-SF	Medium	Wide	Single Finger Hook	1,665
10M2MWHR-CHB	Medium	Wide	Chain Bracket Tail	3,760
10M2MWHR-BF	Medium	Wide	Bent Finger Hook	2,000
10M2MWHR-SSH6	Medium	Wide	6K Swivel Snap Hook	2,000
10M2MWHR-SSH10	Medium	Wide	10K Swivel Snap Hook	3,333
10M2MWHR-SH	Medium	Wide	Flat Swivel Hook (no latch)	3,670
10M2MWHR-DF	Medium	Wide	Double Finger Hook	1,665
10M2MWHR-LF	Medium	Wide	Looped Finger Hook	1,000
10M2MWHR-SJ	Medium	Wide	Swivel J Hook	3,670
10M2MWHR-AB	Medium	Wide	A-Shaped Bracket	1,665



RH-FFH

RH-SF

RH-CHB

RH-BF

RH-SSH6

RH-SH

RH-DF

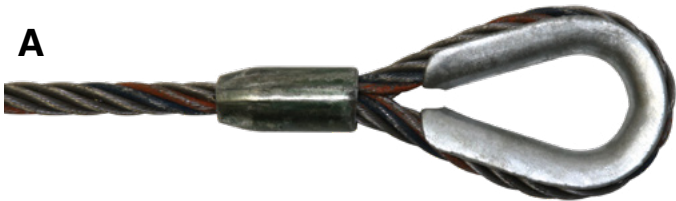
RH-LF

RH-SJ

RH-AB

2" RATCHET HARDWARE

STOCK NUMBER	HARDWARE	WORKING LOAD LIMIT (LBS.)
RH-FFH	Forged Finger Hook	2,570
RH-SF	Single Finger Hook	1,000
RH-CHB	Chain Bracket Tail	3,670
RH-BF	Bent Finger Hook	2,000
RH-SSH6	6K Swivel Snap Hook with Spacers	2,000
RH-SSH10	10K Swivel Snap Hook with Spacers	3,333
RH-SH	Flat Swivel Hook (no latch)	3,650
RH-DF	Double Finger Hook	1,665
RH-LF	Looped Finger Hook	1,000
RH-SJ	Swivel J Hook	3,670
RH-AB	A-Shaped Bracket	1,665



A

THIMBLED EYE



B

GAC WINCH



C X100

FIXED EYE HOIST HOOK



D X100

SWIVEL EYE HOIST HOOK
WITH BALL BEARING OR BRONZE BUSHING



E X100

FIXED EYE SELF LOCKING



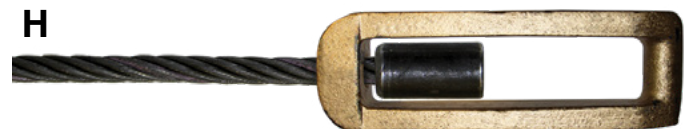
F X100

SWIVEL SELF LOCKING
WITH BALL BEARING OR BRONZE BUSHING



G

BUTTON



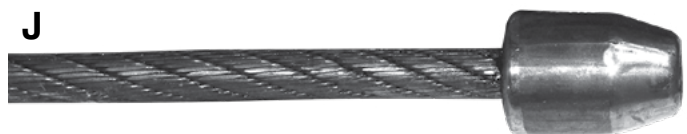
H

CONTAINER/ROLL OFF



I

TAIL CHAIN



J

SWAGED LOGGING

STANDARD RATCHET LOAD BINDERS

STOCK NUMBER	CHAIN SIZE	WORKING LOAD LIMIT (LBS.)
19RB-1/4	1/4" - 5/16"	2,600
19RB-3/8	5/16" - 3/8"	5,400
19RB-3/8HD	5/16" - 3/8"	6,600
19RB-1/2	3/8" - 1/2"	9,200
19RB-5/8	1/2" - 5/8"	13,000



STANDARD LEVER LOAD BINDERS

STOCK NUMBER	CHAIN SIZE	WORKING LOAD LIMIT (LBS.)
19LB-1/4	1/4" - 5/16"	2,600
19LB-3/8	5/16" - 3/8"	5,400
19LB-3/8HD	5/16" - 3/8"	6,600
19LB-1/2	3/8" - 1/2"	9,200
19LB-5/8	1/2" - 5/8"	13,000



LEVER BINDER



LIGHT DUTY



See the full line of **GOLD TIP**
Ratchet Load Binders at CargoControlUSA.com

GOLD TIP SERIES



- Tapered, heavy duty barrel
- Grab-Grab end fittings
- Fittings are yellow zinc plated
- Powder coated handle and barrel
- All load bearing fittings are forged
- Quenched and tempered
- One piece handle

STOCK NUMBER	CHAIN SIZE	TAKE-UP	BARREL LENGTH	HANDLE LENGTH	SCREW DIAMETER	BEARING TO BEARING (CLOSED-OPEN)	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
GT7300	5/16" - 3/8"	8"	10"	15.5"	1"	25" - 33"	7,300	14,600	13
GT8800	5/16" - 3/8"	8"	10"	15.5"	1"	25" - 33"	8,800	17,600	13
GT12000	3/8" - 1/2"	8"	10"	15.5"	1"	26" - 34"	12,000	24,000	14
GT13000	1/2" - 5/8"	8"	10"	15.5"	1"	26" - 34"	13,000	26,000	16

GOLD TIP LITE



GT3500L



GT4700L



GT7100L



GT11300L

STOCK NUMBER & CHAIN SIZE	GRAB HOOK SIZE	TAKE-UP	BARREL LENGTH	HANDLE LENGTH	SCREW DIAMETER	BEARING TO BEARING (CLOSED-OPEN)	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT (LBS.)
GT3500L 3/16" - 1/4"	1/4"	4"	6"	8"	1/2"	16" - 20"	3,500	7,000	8
GT4700L 1/4" - 5/16"	5/16"	8"	10"	12"	1/2"	20" - 28"	4,700	9,400	9
GT7100L 5/16" - 3/8"	3/8"	8"	10"	15"	7/8"	25" - 33"	7,100	14,200	12
GT11300L 3/8" - 1/2"	1/2"	8"	10"	15"	7/8"	26" - 34"	11,300	22,600	16

BIG-FOOT® HIGH CAPACITY



- Designed for **EXTREME** loads
- Tapered, heavy duty barrel
- Fittings are clear zinc plated
- Powder coated handle and barrel
- All load bearing fittings are forged
- Quenched and tempered
- One piece handle

STOCK NUMBER	CHAIN SIZE	TAKE-UP	BARREL LENGTH	HANDLE LENGTH	SCREW DIAMETER	BEARING TO BEARING (CLOSED-OPEN)	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
BFT15000	3/8" - 1/2"	8"	10"	15.5"	1"	26" - 34"	15,000	30,000	16
BFT16000	1/2" - 5/8"	8"	10"	15.5"	1"	27" - 35"	16,000	32,000	18

FOLDING HANDLE

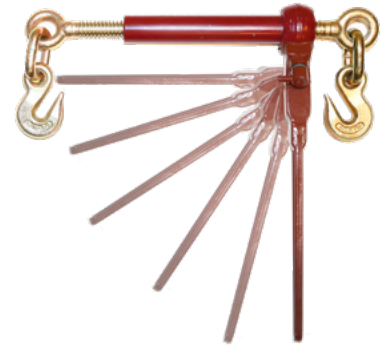
- Heavy duty powder coated straight barrel
- Load binders are heat treated and proof tested with forged hooks
- The folding handle lets you easily position it out of the way, safer to use
- The 3-position pawl offers the user a choice of ratchet extension, ratchet take-up or a “free spin” setting for fast adjustment in either direction



STOCK NUMBER	GRAB HOOK SIZE	TAKE-UP	BARREL LENGTH	HANDLE LENGTH	SCREW DIAMETER	BEARING TO BEARING (CLOSED-OPEN)	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	MAX CHAIN SIZE
GTHF375i	3/8"	6"	10"	9.5"	7/8"	22.5" - 28.5"	8,800	17,600	10.8	3/8" G100
GTHF500i	1/2"	6"	10"	9.5"	7/8"	23.5" - 29.5"	12,000	24,000	12.6	1/2" G80
GTHF625i	5/8"	6"	10"	9.5"	1"	26.5" - 32.5"	18,100	36,200	17	5/8" G80

FOLDING HANDLE ENCLOSED

- Straight, heavy duty barrel
- Grab-Grab end fittings
- Fittings are yellow zinc plated
- Powder coated handle and barrel
- All load bearing fittings are forged
- Quenched and tempered
- Folding handle
- Enclosed gears



STOCK NUMBER	GRAB HOOK SIZE	TAKE-UP	BARREL LENGTH	HANDLE LENGTH	SCREW DIAMETER	BEARING TO BEARING (CLOSED-OPEN)	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
GTEF375	3/8"	8"	10"	15"	1"	25" - 33"	8,800	17,600	13
GTEF500	1/2"	8"	10"	15"	1"	26" - 34"	12,000	24,000	17
GTEF625	5/8"	8"	10"	15"	1"	26" - 34"	18,100	36,200	22

LOK-DOWN® TWO PIECE HANDLE


- Straight, heavy duty barrel
- Fittings are yellow zinc plated
- Powder coated handle and barrel
- All load bearing fittings are forged
- Quenched and tempered
- Easy-Cleanout handle avoids gear freezing
- Two piece handle



STOCK NUMBER	CHAIN SIZE	TAKE-UP	BARREL LENGTH	HANDLE LENGTH	SCREW DIAMETER	BEARING TO BEARING (CLOSED-OPEN)	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
LKD8800	5/16" - 3/8"	8"	10"	15.5"	1"	24" - 32"	8,800	17,600	13
LKD12000	3/8" - 1/2"	8"	10"	15.5"	1"	25" - 33"	12,000	24,000	14
LKD18100	1/2" - 5/8"	8"	10"	15.5"	1"	26" - 34"	18,100	36,200	16


GOLD-TIP Lever Load Binders

GOLD-TIP LEVER TYPE LOAD BINDER




STOCK NUMBER	CHAIN SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
LBNDR250	1/4" Grade 30, 1/4" Grade 43	2,600	4
LBNDR375	5/16" Grade 70, 3/8" Grade 43	6,600	7
LBNDR500	3/8" Grade 70, 1/2" Grade 43	9,200	13

GOLD-TIP SAFETY RECOILLESS LOAD BINDER




STOCK NUMBER	CHAIN SIZE	TAKE-UP	HANDLE LENGTH	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
LBNDR6600RECOIL	5/16" - 3/8"	4.5"	16"	6,600	13,200	10
LBNDR9200RECOIL	3/8" - 1/2"	4.5"	16"	9,200	18,400	11

GOLD-TIP COMPRESSION SPRING LEVER LOAD BINDER



STOCK NUMBER	CHAIN SIZE	TAKE-UP	HANDLE LENGTH	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
LBNDR6600SPRING	5/16" - 3/8"	4.5"	16"	6,600	13,200	15
LBNDR9200SPRING	3/8" - 1/2"	4.5"	18"	9,200	18,400	19

GOLD-TIP CLAW-CLAW LEVER LOAD BINDER



STOCK NUMBER	CHAIN SIZE	TAKE-UP	HANDLE LENGTH	WORKING LOAD LIMIT (LBS.)	PROOF LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
LBNDR6600CC	5/16" - 3/8"	4.5"	16"	6,600	13,200	11

CHAIN

X100



GRADE 100 LIFTING CHAIN



GRADE 80 LIFTING CHAIN



GRADE 70 TRANSPORT CHAIN



GRADE 43 HIGH TEST CHAIN



GRADE 30 PROOF COIL CHAIN



STAINLESS STEEL HIGH TEST CHAIN



SINGLE JACK CHAIN



STRAIGHT LINK COIL



STAINLESS STEEL SINGLE JACK CHAIN



WELDED BRASS CHAIN



WELDED ALUMINUM CHAIN



BLACK POWDER COATED CHAIN



YELLOW POWDER COATED CHAIN



SQUARE LINK SECURITY CHAIN



TWIST LINK MACHINE



PASSING LINK CHAIN



DOUBLE LOOP CHAIN



STAINLESS STEEL DOUBLE LOOP CHAIN



STAINLESS STEEL SASH CHAIN



SASH CHAIN

CUSTOM LENGTHS AVAILABLE

GRADE 30 PROOF COIL CHAIN



**GRADE 30
PROOF COIL CHAIN**

STOCK NUMBER			SIZE	FEET/DRUM	WEIGHT/ FOOT (LBS.)	WORKING LOAD LIMIT
SELF COLORED	BRIGHT ZINC	HOT GALVANIZED				
SCPC187	ZPPC187	HGPC187	3/16"	750, 1500	0.41	750
SCPC250	ZPPC250	HGPC250	1/4"	400, 800	0.68	1,250
SCPC312	ZPPC312	HGPC312	5/16"	275, 550	1.02	1,900
SCPC375	ZPPC375	HGPC375	3/8"	200, 400	1.47	2,650
SCPC500	ZPPC500	HGPC500	1/2"	100, 200	2.52	4,500
SCPC625	ZPPC625	HGPC625	5/8"	75, 150	4.06	6,900
SCPC750	ZPPC750	HGPC750	3/4"	50, 100	5.81	10,600
-	-	HGPC100	1"	60	9.24	17,950



**GRADE 43
HIGH TEST CHAIN**

WARNING: Grade 30, Grade 43, and Grade 70 chain are **NOT** suitable for overhead lifting.

GRADE 43 HIGH TEST CHAIN

STOCK NUMBER			SIZE	FEET/DRUM	WORKING LOAD LIMIT	WEIGHT/FOOT (LBS.)
SELF COLORED	BRIGHT ZINC	HOT GALVANIZED				
SCHT250	ZPHT250	HGHT250	1/4"	400, 800	2,600	0.71
SCHT312	ZPHT312	HGHT312	5/16"	275, 550	3,900	1.04
SCHT375	ZPHT375	HGHT375	3/8"	200, 400	5,400	1.48
SCHT500	ZPHT500	HGHT500	1/2"	100, 200	9,200	2.51
SCHT625	ZPHT625	HGHT625	5/8"	75, 150	13,000	3.58
SCHT750	ZPHT750	HGHT750	3/4"	100	16,200	5.48

Grade 43 High Test Chain 100#C Dealer Pails available upon request.



**GRADE 70
TRANSPORT CHAIN**

GRADE 70 TRANSPORT CHAIN

YELLOW CHROMATE

STOCK NUMBER	SIZE	FEET/DRUM-PAIL	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
G70250	1/4"	400, 800	0.63	3,150
G70312	5/16"	275, 550	0.93	4,700
G70375	3/8"	200, 400	1.41	6,600
G70500	1/2"	100, 200	2.40	11,300
G70625	5/8"	75, 150	3.53	15,800

GRADE 70 TRANSPORT BINDER CHAINS WITH GRAB HOOKS



STOCK NUMBER	SIZE	GRADE/FINISH	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	PIECES/ DRUM
G70BC312X16	5/16" X 16'	Gr 70/Yellow Zinc	4,700	16	25
G70BC312X20	5/16" X 20'	Gr 70/Yellow Zinc	4,700	23	25
G70BC312X25	5/16" X 25'	Gr 70/Yellow Zinc	4,700	26	20
G70BC375X10	3/8" X 10'	Gr 70/Yellow Zinc	6,600	17	30
G70BC375x12	3/8" X 12'	Gr 70/Yellow Zinc	6,600	20	30
G70BC375x14	3/8" X 14'	Gr 70/Yellow Zinc	6,600	23	25
G70BC375X16	3/8" X 16'	Gr 70/Yellow Zinc	6,600	26	25
G70BC375X20	3/8" X 20'	Gr 70/Yellow Zinc	6,600	32	20
G70BC375X25	3/8" X 25'	Gr 70/Yellow Zinc	6,600	37	15
G70BC500X10	1/2" X 10'	Gr 70/Yellow Zinc	11,300	46	10
G70BC500X20	1/2" X 20'	Gr 70/Yellow Zinc	11,300	52	10
G70BC500X25	1/2" X 25'	Gr 70/Yellow Zinc	11,300	65	5

Custom lengths and hooks available upon request.

GRADE 80 ALLOY CHAIN

BLACK LACQUER

STOCK NUMBER	SIZE	FEET/DRUM	WORKING LOAD LIMIT (LBS.)	WEIGHT/FOOT (LBS.)
G80281	9/32"	400', 800'	3,500	0.72
G80312	5/16"	275', 550'	4,500	1.06
G80375	3/8"	200', 400'	7,100	1.50
G80500	1/2"	100', 200'	12,000	2.61
G80625	5/8"	75', 150'	18,100	3.61
G80750	3/4"	50', 100'	28,300	6.22
G80875	7/8"	75'	34,200	7.32
G80100	1"	60'	47,700	10.21
G801250	1 1/4"	50'	72,300	15.45

Grade 80 alloy chain is approved by OSHA for overhead lifting.



GRADE 80 BINDER CHAINS WITH GRAB HOOKS

STOCK NUMBER	SIZE	GRADE/FINISH	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	PIECES/DRUM
G8BC312X16	5/16" X 16'	Gr 80/Black Lacquer	4,500	16	25
G8BC312X20	5/16" X 20'	Gr 80/Black Lacquer	4,500	23	25
G8BC312X25	5/16" X 25'	Gr 80/Black Lacquer	4,500	26	20
G8BC375X16	3/8" X 16'	Gr 80/Black Lacquer	7,100	26	25
G8BC375X20	3/8" X 20'	Gr 80/Black Lacquer	7,100	32	20
G8BC375X25	3/8" X 25'	Gr 80/Black Lacquer	7,100	37	15
G8BC500X10	1/2" X 10'	Gr 80/Black Lacquer	12,000	46	10
G8BC500X20	1/2" X 20'	Gr 80/Black Lacquer	12,000	52	10
G8BC500X25	1/2" X 25'	Gr 80/Black Lacquer	12,000	65	10

Custom lengths and hooks available upon request. Larger sizes available upon request. For cargo control only.



AVAILABLE IN DRUMS OR PAILS

X100 GRADE 100 CHAIN

- Every Link has been Proof Tested to 2 Times the Working Load
- All X100 Grade 100 Chain is made from 8620 Alloy
- X100 Chain is approved by OSHA for Cargo Control and overhead lifting
- BLUE CAT Blue Cataphoresis finish
- Grade 100 Chain Sling Assemblies are compliant with ASME B30.9

STOCK NUMBER	SIZE	MATERIAL DIAMETER	INSIDE WIDTH	INSIDE LENGTH	WORKING LOAD LIMIT (LBS.)	FEET/DRUM	WEIGHT/FOOT (LBS.)
X100 281	9/32"	0.283"	.420"	0.85"	4,300	800'	.74
X100 312	5/16"	0.315"	.500"	1.04"	5,700	550'	.94
X100 375	3/8"	0.394"	.575"	1.26"	8,800	400'	1.48
X100 500	1/2"	0.512"	.768"	1.64"	15,000	200'	2.55
X100 625	5/8"	0.630"	.930"	2.00"	22,600	150'	3.83
X100 750	3/4"	0.750"	1.15"	2.50"	35,300	100'	5.78



X100 GRADE 100 BINDER CHAINS

STOCK NUMBER	SIZE	GRADE/FINISH	WORKING LOAD LIMIT (LBS.)	WEIGHT/FOOT
X1BC312X20	5/16" X 20'	Gr 100/Blue-Cat Finish	5,700	0.74
X1BC375X20	3/8" X 20'	Gr 100/Blue-Cat Finish	8,800	1.48
X1BC500X20	1/2" X 20'	Gr 100/Blue-Cat Finish	12,000	2.55

Custom lengths and hooks available upon request. Larger sizes available upon request.

TRAILER SAFETY CHAIN

SAE CODE J684:

TRAILER CLASSIFICATION	CHAIN SPECIFICATION	MINIMUM BREAKING TEST LOAD (LBS.)
Class 1	Steel Welded Chain (or its equivalent in strength)	2,000
Class 2	Steel Welded Chain (or its equivalent in strength)	3,500
Class 3	Steel Welded Chain (or its equivalent in strength)	5,000
Class 4	The breaking strength rating of each length of safety chain or its equivalent and its attachments will be equal to or exceed the gross weight of the trailer and its respective load.	

CSA tags available.

MINIMUM TEST LOAD STANDARD FOR TRAILER SAFETY CHAINS AND THEIR COMPONENTS



TRAILER SAFETY CHAIN ASSEMBLY WITH S-HOOK AND LATCH

TRAILER SAFETY CHAIN ASSEMBLIES

S-HOOK WITH LATCH

TRAILER CLASSIFICATION	GROSS TRAILER WEIGHT (LBS.)	CHAIN SIZE	S-HOOK CHAIN GRADE	SIZE
Class 1	2,000	3/16"	G-30 Proof Coil	3/8"
Class 2	3,500	5/0	G-30 Proof Coil	13/32"
Class 3	5,000	1/4"	G-30 Proof Coil	7/16"
Class 4	7,600	8/0	G-30 Proof Coil	17/32"
Class 4	7,600	3/8"	G-30 Proof Coil	17/32"

Assemblies are equipped with 1 or 2 S-Hooks and any chain length requested. CSA tags available.



TRAILER SAFETY CHAIN ASSEMBLY WITH CLEVIS SLIP AND LATCH

TRAILER SAFETY CHAIN ASSEMBLIES

CLEVIS SLIP HOOK WITH LATCH

TRAILER CLASSIFICATION	GROSS TRAILER WEIGHT (LBS.)	CHAIN SIZE	CHAIN GRADE
Class 4	7,800	1/4"	G-43 High Test
Class 4/5	11,700	5/16"	G-43 High Test
Class 4/5	16,200	3/8"	G-43 High Test
Class 5	12,600	1/4"	G-70 Transport Chain
Class 5	18,800	5/16"	G-70 Transport Chain
Class 5	26,400	3/8"	G-70 Transport Chain
Class 6	45,200	1/2"	G-70 Transport Chain

Assemblies are equipped with any chain length requested. CSA tags available.

TRAILER SAFETY S-HOOKS WITH LATCH

HEAT TREATED, ZINC PLATED,
WITH OR WITHOUT LATCH

TRAILER CLASSIFICATION	HOOK DIAMETER	GROSS TRAILER WEIGHT (LBS.)
Class 1	3/8"	2,000
Class 2	13/32"	3,500
Class 3	7/16"	5,000
Class 4	17/32"	7,600



S-HOOK WITH LATCH

CLEVIS SLIP HOOKS WITH LATCH

TRAILER CLASSIFICATION	GROSS TRAILER WEIGHT (LBS.)	OPENING CHAIN GRADE	HOOK SIZE	THROAT OPENING
Class 4	7,800	G-43	1/4"	1/2"
Class 4/5	11,700	G-43	5/16"	3/4"
Class 4/5	16,200	G-43	3/8"	1"
Class 5	27,600	G-43	1/2"	1 1/4"
Class 5	12,600	G-70	1/4"	1/2"
Class 5	18,800	G-70	5/16"	3/4"
Class 5	26,400	G-70	3/8"	1"



CLEVIS SLIP HOOK WITH LATCH

According to NACM Specifications for G-43, G-70, and G-80 Chain. Grade 70 clevis slip hook also available without latch.

Clevis Grab Hooks available. See page 43.

TRAILER SAFETY CABLE ASSEMBLIES

VINYL COATED CABLE WITH
S-HOOKS OR CLEVIS SLIP HOOKS WITH LATCH

TRAILER CLASSIFICATION	GROSS TRAILER WEIGHT (LBS.)	CABLE SIZE	CABLE DESCRIPTION	HOOK SIZE
Class 1	2,000	1/8" - 3/16"	7 X 19 Vinyl Coated GAC	3/8" S-Hook
Class 2	3,500	3/16" - 1/4"	7 X 19 Vinyl Coated GAC	13/32" S-Hook
Class 3	5,000	1/4" - 5/16"	7 X 19 Vinyl Coated GAC	7/16" S-Hook
Class 4	7,600	5/16" - 3/8"	7 X 19 Vinyl Coated GAC	17/32" S-Hook
Class 4	7,000	1/4" - 5/16"	7 X 19 Vinyl Coated GAC With Latch	1/4" Clevis Slip Hook
Class 5	9,800	5/16" - 3/8"	7 X 19 Vinyl Coated GAC With Latch	5/16" Clevis Slip Hook
Class 5	14,400	3/8" - 7/16"	7 X 19 Vinyl Coated GAC With Latch	3/8" Clevis Slip Hook

Assemblies are equipped with any cable length or color requested. CSA tags available.



CABLE ASSEMBLY WITH S-HOOK AND LATCH



CABLE ASSEMBLY WITH CLEVIS SLIP HOOK



Our safety chains are approved by CSA International for use in Canada.

CHAIN SLING CONFIGURATIONS

SGG SSS SGS SOS SOSA SOO SOG SOSL



DOS DOG DOSLA DOSA TOS TOG



QOS QOG QOSL QOSA



FOUNDRY HOOKS
AVAILABLE

Shown in X100® Grade 100. Available in Grade 80 components.

NOTE: 1ST LETTER INDICATES:

- S = Single-Leg
- D = Double-Leg
- T = Triple-Leg
- Q = Quadruple-Leg

2ND LETTER INDICATES TOP OF FITTING:

- O = Oblong Link
- S = Sling Hook
- G = Grab Hook
- F = Foundry Hook

3RD LETTER INDICATES LOWER FITTING:

- O = Oblong Link
- S = Sling Hook
- G = Grab Hook
- F = Foundry Hook
- SL = Self Locking

*A = Adjustable

**DO NOT EXCEED WORKING LOAD LIMIT.
REFER TO PAGE 5 FOR WARNINGS AND CAUTIONS.**

www.CargoControlUSA.com | (888) 775-5059



GRADE 80 ALLOY CHAIN SLING SPECIFICATIONS

CHAIN SIZE	SINGLE SLING AT 90° ANGLE	DOUBLE SLING AT 60° ANGLE	DOUBLE SLING AT 45° ANGLE	DOUBLE SLING AT 30° ANGLE	TRIPLE/ QUADRUPLE AT 60° ANGLE	TRIPLE/ QUADRUPLE AT 45° ANGLE	TRIPLE/ QUADRUPLE AT 30° ANGLE	CHAIN SIZE
9/32"	3,500	6,100	4,900	3,500	9,100	7,400	5,200	9/32"
3/8"	7,100	12,300	10,000	7,100	18,400	15,100	10,600	3/8"
1/2"	12,000	20,800	17,000	12,000	31,200	25,500	18,000	1/2"
5/8"	18,100	31,300	25,600	18,100	47,000	38,400	27,100	5/8"
3/4"	28,300	49,000	40,000	28,300	73,500	60,000	42,400	3/4"
7/8"	34,200	59,200	48,400	34,200	88,900	72,500	51,300	7/8"
1"	47,700	82,600	67,400	47,700	123,900	101,200	71,500	1"
1 1/4"	72,300	125,200	102,200	72,300	187,800	153,400	108,400	1 1/4"

Capacities above are rated in pounds (lbs.).



X100 GRADE 100 CHAIN SLINGS SPECIFICATIONS

CHAIN SIZE	SINGLE-LEG AT 90° ANGLE	DOUBLE-LEG AT 60° ANGLE	DOUBLE-LEG AT 45° ANGLE	DOUBLE-LEG AT 30° ANGLE	TRIPLE/ QUADRUPLE AT 60° ANGLE	TRIPLE/ QUADRUPLE AT 45° ANGLE	TRIPLE/ QUADRUPLE AT 30° ANGLE	CHAIN SIZE
9/32"	4,300	7,400	6,100	4,300	11,200	9,100	6,400	9/32"
5/16"	5,700	9,900	8,100	5,700	14,800	12,100	8,500	5/16"
3/8"	8,800	15,200	12,400	8,800	22,900	18,700	13,200	3/8"
1/2"	15,000	26,000	21,200	15,000	39,000	31,800	22,500	1/2"
5/8"	22,600	39,100	32,000	22,600	58,700	47,900	33,900	5/8"
3/4"	35,300	61,100	49,900	35,300	91,700	74,900	53,000	3/4"

Capacities above are rated in pounds (lbs.).



GRADE 43 GRADE 70 GRADE 43 GRADE 70 GRADE 80

CLEVIS GRAB HOOKS

GRADE 43				GRADE 70			GRADE 80			CHAIN SIZE
STOCK NUMBER SELF COLORED	STOCK NUMBER BRIGHT ZINC	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	STOCK NUMBER YELLOW CHROMATE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	STOCK NUMBER YELLOW CHROMATE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	
HTCG250SC	HTCG250ZP	2,600	0.34	G70CG250	3,500	0.34	G80CG250	3,500	0.34	1/4"
HTCG312SC	HTCG312ZP	3,900	0.64	G70CG312	4,700	0.64	G80CG312	4,500	0.64	5/16"
HTCG375SC	HTCG375ZP	5,400	1.02	G70CG375	6,600	1.02	G80CG375	7,100	1.02	3/8"
HTCG500SC	HTCG500ZP	9,200	2.16	G70CG500	11,300	2.16	G80CG500	12,000	2.16	1/2"
HTCG625SC	HTCG625ZP	13,000	3.66	G70CG625	15,000	3.66	G80CG625	18,100	3.66	5/8"
-	HTCG750ZP	20,200	6.50	-	-	-	-	-	-	3/4"

Note: These hooks are not suitable for overhead lifting.

CLEVIS SLIP HOOKS WITH & WITHOUT LATCH

GRADE 43				GRADE 70				GRADE 80			CHAIN SIZE
STOCK NUMBER W/O LATCH	STOCK NUMBER W/ LATCH	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	STOCK NUMBER W/O LATCH	STOCK NUMBER WITH LATCH	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	STOCK NUMBER	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	
HTCS250	HTCS250WL	2,600	0.55	G70CS250	G70CS250WL	3,150	0.55	G80CS250	3,500	0.55	1/4"
HTCS312	HTCS312WL	3,900	0.86	G70CS312	G70CS312WL	4,700	0.86	G80CS312	4,500	0.86	5/16"
HTCS375	HTCS375WL	5,400	1.40	G70CS375	G70CS375WL	6,600	1.40	G80CS375	7,100	1.40	3/8"
HTCS500	HTCS500WL	9,200	2.75	G70CS500	G70CS500WL	11,300	2.75	G80CS500	12,000	2.75	1/2"
HTCS625	HTCS625WL	13,000	4.75	G70CS625	G70CS625WL	13,500	4.75	G80CS625	18,100	4.75	5/8"

Note: These hooks are not suitable for overhead lifting.

EYE GRAB HOOKS



EYE GRAB HOOK

GRADE 43			SIZE
STOCK NUMBER SELF COLORED, BRIGHT ZINC	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	
HTEG250	2,600	0.34	1/4"
HTEG312	3,900	0.64	5/16"
HTEG375	5,400	1.02	3/8"
HTEG500	9,200	2.16	1/2"
HTEG625	13,000	3.66	5/8"

Note: These hooks are not suitable for overhead lifting.

EYE SLIP HOOKS



EYE SLIP HOOK

GRADE 43		WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	SIZE
STOCK NUMBER W/O LATCH	STOCK NUMBER W/ LATCH			
HTES250	HTES250WL	1,950	0.55	1/4"
HTES312	HTES312WL	2,875	0.86	5/16"
HTES375	HTES375WL	4,000	1.40	3/8"
HTES500	HTES500WL	6,500	2.75	1/2"
HTES625	HTES625WL	9,250	4.75	5/8"
HTES750	HTES750WL	12,500	11.28	3/4"

Note: These hooks are not suitable for overhead lifting.

GRADE 80 COUPLING LINKS

ALLOY, PAINTED

STOCK NUMBER	SIZE	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
HL281-312	9/32"-5/16"	0.40	4,500
HL375	3/8"	0.65	7,100
HL500	1/2"	1.50	12,000
HL625	5/8"	2.51	18,100
HL750	3/4"	4.12	28,300

Coupling Links are used for attaching Grade 80 Alloy Chain to master links, eye hooks, or chain to chain.



ALLOY COUPLING LINK

GRADE 80 ALLOY SLING HOOKS WITH LATCH

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
CSLING281-312	9/32"-5/16"	4,500	1.16
CSLING375	3/8"	7,100	2.43
CSLING500	1/2"	12,000	4.41
CSLING625	5/8"	18,100	7.67



ALLOY SLING HOOK WITH LATCH

GRADE 80 CRADLE GRAB HOOKS

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
CRADLE281-312	9/32"-5/16"	4,500	0.84
CRADLE375	3/8"	7,100	1.87
CRADLE500	1/2"	12,000	4.19
CRADLE625	5/8"	18,100	6.17
CRADLE750	3/4"	28,300	7.72



CRADLE GRAB HOOK

STAINLESS STEEL HOOK LATCH KIT

FOR HOOKS (TONS)

CARBON STEEL	3/4, 1, 1 1/2 to 2, 3, 5, 7 1/2 to 10, 15, 20, 25-30, 40
ALLOY	1, 1 1/2, 2 to 3, 4 1/2, 7, 11 to 15, 22, 30, 37-45, 60

Latch Kits are shipped unassembled and individually packaged with instructions.



REPLACEMENT LATCH KIT



GRADE 70 WELDABLE GRAB BUCKET HOOKS

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
WG312	5/16"	4,700	.45
WG375	3/8"	6,600	.80
WG500	1/2"	11,300	1.6

X100 WELD-ON BUCKET HOOKS



STOCK NUMBER	SIZE	WORKING LOAD LIMIT
XBH2T	2 Ton	4,000 lbs.
XBH3T	3 Ton	6,000 lbs.
XBH5T	5 Ton	10,000 lbs.
XBH8T	8 Ton	16,000 lbs.
XBH10T	10 Ton	20,000 lbs.

X100 WELD-ON LIFTING POINTS

RATED FOR OVERHEAD LIFTING

STOCK NUMBER	SIZE	WORKING LOAD LIMIT
XWLP1T	1 Ton	2,000 lbs.
XWLP2T	2 Tons	4,000 lbs.
XWLP3T	3 Tons	6,000 lbs.
XWLP5T	5 Tons	10,000 lbs.
XWLP8T	8 Tons	16,000 lbs.
XWLP15T	15 Tons	30,000 lbs.



Ring stands for easy attachment

WELD-ON CHAIN RETAINERS



STOCK NUMBER	WORKING LOAD LIMIT (LBS.)	BREAKING STRENGTH (LBS.)	WEIGHT/PIECE (LBS.)	DESCRIPTION
CR10000	2,500	10,000	0.5	Fits 1/4"-5/16" chain
CR20000	5,000	20,000	1.3	Fits 5/16"-3/8" chain

Engineered and rated for overhead lifting.

Welding is to be performed by a qualified welder using a qualified procedure in accordance with the American Welding Society.

Weld-On Chain Retainer is a great weld on chain attachment device for dump truck tailgates and trailer safety chains.

X100 GRADE 100 MASTER LINKS

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	
		5:1	4:1
XML13	1/2"	4,800	6,000
XML16	5/8"	6,880	8,600
XML19	3/4"	10,320	12,900
XML22	7/8"	14,080	17,600
XML26	1"	24,000	30,000
XML32	1 1/4"	31,280	39,100
XML38	1 1/2"	48,880	61,100
XML45	1 3/4"	63,440	79,300
XML50	2"	82,880	103,600



GRADE 100 MASTER LINK

X100 GRADE 100 COUPLING LINKS

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)
XCL281	9/32"	4,300
XCL312	5/16"	5,700
XCL375	3/8"	8,800
XCL500	1/2"	15,000
XCL625	5/8"	22,600
XCL750	3/4"	35,300



GRADE 100 COUPLING LINK

X100 GRADE 100 MASTER LINK SUB ASSEMBLIES

STOCK NUMBER	SIZE	CHAIN SIZE	WORKING LOAD LIMIT (LBS.)
XMLSA19	3/4"	9/32"	11,200
XMLSA22	7/8"	5/16"	15,200
XMLSA26	1"	3/8"	26,000
XMLSA32	1 1/4"	1/2"	39,000
XMLSA38	1 1/2"	5/8"	61,100



GRADE 100 MASTER LINK SUB ASSEMBLY

X100 GRADE 100 MASTER LINKS WITH ADJUSTERS

SINGLE-LEG STOCK NUMBER	STOCK NUMBER			SIZE
	DOUBLE-LEG STOCK NUMBER	TRIPLE/QUADRUPLE-LEG		
XV1-7/8i	XV2-7/8i	XV4-7/8i		9/32"-5/16"
XV1-10i	XV2-10i	XV4-10i		3/8"
XV1-13i	XV2-13i	XV4-13i		1/2"
XV1-16i	XV2-16i	XV4-16i		5/8"



SINGLE LEG



DOUBLE LEG



TRIPLE/ QUADRUPLE LEG



X100 ALLOY GRAB HOOKS WITH CRADLE

CLEVIS TYPE OR EYE TYPE

STOCK NUMBER		SIZE	WORKING LOAD LIMIT (LBS.)
CLEVIS TYPE	EYE TYPE		
XCG281-312	XEG281-312	9/32"-5/16"	5,700
XCG375	XEG375	3/8"	8,800
XCG500	XEG500	1/2"	15,000
XCG625	XEG625	5/8"	22,600
XCG750	XEG750	3/4"	35,300



X100 GRADE 100 EYE GRAB ADJUSTER HOOKS

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)
XEG281-312ADJ	9/32"-5/16"	5,700
XEG375ADJ	3/8"	8,800
XEG500ADJ	1/2"	15,000
XEG625ADJ	5/8"	22,600
XEG750ADJ	3/4"	35,300



X100 GRADE 100 LOCKABLE ALLOY GRAB HOOKS

CLEVIS TYPE OR EYE TYPE

STOCK NUMBER		SIZE	WORKING LOAD LIMIT (LBS.)
CLEVIS TYPE	EYE TYPE		
XCG312WL	XEG312WL	5/16"	5,700
XCG375WL	XEG375WL	3/8"	8,800
XCG500WL	XEG500WL	1/2"	15,000



X100 ALLOY SLING HOOKS WITH LATCH

CLEVIS TYPE OR EYE TYPE

STOCK NUMBER		SIZE	WORKING LOAD LIMIT (LBS.)
CLEVIS TYPE	EYE TYPE		
XCS281-312	XES281-312	9/32"-5/16"	5,700
XCS375	XES375	3/8"	8,800
XCS500	XES500	1/2"	15,000
XCS625	XES625	5/8"	22,600
XCS750	XES750	3/4"	35,300

X100 GRADE 100 SELF LOCKING HOOKS

CLEVIS TYPE OR EYE TYPE

STOCK NUMBER		SIZE	WORKING LOAD LIMIT (LBS.)
CLEVIS TYPE	EYE TYPE		
XCSL281-312	XESL281-312	9/32"-5/16"	5,700
XCSL375	XESL375	3/8"	8,800
XCSL500	XESL500	1/2"	15,000
XCSL625	XES625	5/8"	22,600
XCSL750	-	3/4"	35,300



CLEVIS

EYE

X100 GRADE 100 SELF LOCKING SWIVEL HOOKS

BRONZE BUSHING OR BALL BEARING

STOCK NUMBER		SIZE	WORKING LOAD LIMIT (LBS.)
BRONZE BUSHING	BALL BEARING		
XSSL281-312	XSSL281-312BB	9/32" - 5/16"	5,700
XSSL375	XSSL375BB	3/8"	8,800
XSSL500	XSSL500BB	1/2"	15,000
XSSL625	XSSL625BB	5/8"	22,600

Ball Bearing swivels under load.



BALL BEARING

BRONZE BUSHING

X100 GRADE 100 SWIVEL EYE HOIST HOOKS W/ BALL BEARING

STOCK NUMBER	WORKING LOAD LIMIT (TONS)	REPLACEMENT LATCH KIT STOCK NUMBER
XEHH100SBBi	1	XEHH100SBBLKi
XEHH200SBBi	2	XEHH200SBBLKi
XEHH300SBBi	3	XEHH300SBBLKi
XEHH500SBBi	5	XEHH500SBBLKi
XEHH700SBBi	7	XEHH700SBBLKi
XEHH1100SBBi	11	XEHH1100SBBLKi
XEHH1500SBBi	15	XEHH1500SBBLKi

Ball Bearing swivels under load.



X100 GRADE 100 FIXED EYE HOIST HOOKS WITH LATCH

STOCK NUMBER	WORKING LOAD LIMIT (TONS)	REPLACEMENT LATCH KIT STOCK NUMBER
XEHH150i	1.5	XEHH150LK
XEHH200i	2	XEHH200LK
XEHH300i	3	XEHH300LK
XEHH500i	5	XEHH500LK
XEHH700i	7	XEHH700LK
XEHH1100i	11	XEHH1100LK





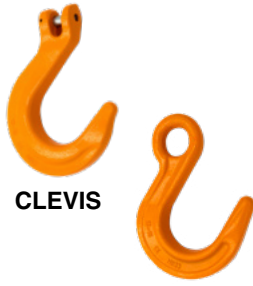
WITHOUT HANDLE

WITH HANDLE

X100 SORTING HOOK

WITH OR WITHOUT HANDLE

STOCK NUMBER	SIZE	EYE DIAMETER OPENING	OPENING AT TOP OF HOOK	WORKING LOAD LIMIT AT TIP	WORKING LOAD LIMIT AT BOWL
XSORTING	2 Ton	1.35"	2.75"	2 Ton	7.5 Ton
XSORTINGWH	2 Ton	1.35"	2.75"	2 Ton	7.5 Ton



CLEVIS

EYE

X100 FOUNDRY HOOK

CLEVIS FOUNDRY HOOK			EYE FOUNDRY HOOK			SIZE
STOCK NUMBER	WORKING LOAD LIMIT AT TIP (LBS.)	WORKING LOAD LIMIT AT BOWL (LBS.)	STOCK NUMBER	WORKING LOAD LIMIT AT TIP (LBS.)	WORKING LOAD LIMIT AT BOWL (LBS.)	
XCF281-312	2,850	5,700	XEF281-312	2,850	5,700	9/32"-5/16"
XCF375	4,400	8,800	XEF375	4,400	8,800	3/8"
XCF500	7,500	15,000	XEF500	7,500	15,000	1/2"
XCF625	11,300	22,600	XEF625	11,300	22,600	5/8"

X100 GRADE 100 OMEGA LINK



GRADE 100 OMEGA LINK

STOCK NUMBER	SIZE	WORKING LOAD LIMIT
XOL281-312	9/32" - 5/16"	5,700 lbs.
XOL375	3/8"	8,800 lbs.
XOL500	1/2"	15,000 lbs.
XOL625	5/8"	22,600 lbs.



BARREL HOOK

X100 BARREL HOOK

STOCK NUMBER	SIZE	WORKING LOAD LIMIT
XBRLHK1T	1 Ton	2,000 lbs.



CONTAINER HOOKS

X100 CONTAINER HOOK

STOCK NUMBER	DEGREE	DIRECTION	WORKING LOAD LIMIT
G80CHL	45°	Left	28,000 lbs.
G80CHR	45°	Right	28,000 lbs.
G80CHC	-	Straight	28,000 lbs.

X100 ALL ALLOY SCREW PIN LONG REACH SHACKLES

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XLRSP625	5/8"	3.5	2
XLRSP750	3/4"	5	3.2
XLRSP100	1"	9.5	6.2
XLRSP1250	1-1/4"	14	12
XLRSP1500	1-1/2"	17	19.2
XLRSP1750	1-3/4"	25	30.4

Ultimate load is 5 times the Working Load Limit.



X100 ALL ALLOY BOLT TYPE LONG REACH SHACKLES

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XLRSB625	5/8"	3.5	2.2
XLRSB750	3/4"	5	3.6
XLRSB100	1"	9.5	6.6
XLRSB1250	1-1/4"	14	12.8
XLRSB1500	1-1/2"	17	19.8
XLRSB1750	1-3/4"	25	32.2

Ultimate load is 5 times the Working Load Limit.



X100 SCREW PIN ANCHOR SHACKLES DROP FORGED, LOAD RATED, HOT GALVANIZED

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XSPA187	3/16"	1/4"	.33	.05
XSPA250	1/4"	5/16"	.50	.12
XSPA312	5/16"	3/8"	.75	.18
XSPA375	3/8"	7/16"	1.00	.31
XSPA437	7/16"	1/2"	1.50	.49
XSPA500	1/2"	5/8"	2.00	.74
XSPA625	5/8"	3/4"	3.25	1.44
XSPA750	3/4"	7/8"	4.75	2.16
XSPA875	7/8"	1"	6.50	3.37
XSPA100	1"	1 1/8"	8.50	5.30
XSPA1125	1 1/8"	1 1/4"	9.50	7.00
XSPA1250	1 1/4"	1 3/8"	12.00	9.60
XSPA1375	1 3/8"	1 1/2"	13.50	12.60
XSPA1500	1 1/2"	1 3/4"	17.00	17.35
XSPA1750	1 3/4"	2"	25.00	27.80
XSPA200	2"	2 1/4"	35.00	43.00
XSPA2500	2 1/2"	2-3/4"	55.00	83.00

Approved for overhead lifting. According to Federal Specification RR-C-271d, Type IV A, Grade A, Class 2.



SCREW PIN ANCHOR SHACKLE

X100 BOLT TYPE ANCHOR SHACKLES DROP FORGED, LOAD RATED, HOT GALVANIZED

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XSAS500	1/2"	5/8"	2.00	.92
XSAS625	5/8"	3/4"	3.25	1.55
XSAS750	3/4"	7/8"	4.75	2.53
XSAS875	7/8"	1"	6.50	4.24
XSAS100	1"	1 1/8"	8.50	5.88
XSAS1125	1 1/8"	1 1/4"	9.50	7.75
XSAS1250	1 1/4"	1 3/8"	12.00	11.65
XSAS1375	1 3/8"	1 1/2"	13.50	15.15
XSAS1500	1 1/2"	1 3/4"	17.00	18.75
XSAS1750	1 3/4"	2"	25.00	30.45
XSAS200	2"	2 1/4"	35.00	45.70

Approved for overhead lifting. According to Federal Specification RR-C-271d, Type IV A, Grade A, Class 3.

X100 ALL ALLOY SCREW PIN ANCHOR SHACKLES

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XSPAA250	1/4"	5/16"	.75	0.10
XSPAA312	5/16"	3/8"	1.25	0.18
XSPAA375	3/8"	7/16"	2.00	0.31
XSPAA437	7/16"	1/2"	2.66	0.49
XSPAA500	1/2"	5/8"	3.33	0.74
XSPAA625	5/8"	3/4"	5.00	1.44
XSPAA750	3/4"	7/8"	7.00	2.16
XSPAA875	7/8"	1"	9.50	3.37
XSPAA100	1"	1 1/8"	12.50	5.30
XSPAA1125	1 1/8"	1 1/4"	15.00	7.40
XSPAA1250	1 1/4"	1 3/8"	18.00	9.60
XSPAA1375	1 3/8"	1 1/2"	21.00	13.50
XSPAA1500	1 1/2"	1 5/8"	30.00	17.35

Approved for overhead lifting. According to Federal Specification RR-C-271d, Type IVB, Grade B, Class 2.

X100 ALL ALLOY BOLT TYPE ANCHOR SHACKLES

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XSASA437	7/16"	1/2"	2.66	0.8
XSASA500	1/2"	5/8"	3.33	1.4
XSASA625	5/8"	3/4"	5.00	2.4
XSASA750	3/4"	7/8"	7.00	3.6
XSASA875	7/8"	1"	9.50	5.8
XSASA100	1"	1-1/8"	12.50	8.0
XSASA1125	1-1/8"	1-1/4"	15.00	10.8
XSASA1250	1-1/4"	1-3/8"	18.00	14
XSASA1375	1-3/8"	1-1/2"	21.00	18.2

Approved for overhead lifting. According to Federal Specification RR-C-271d, Type IVB, Grade B, Class 2.



BOLT TYPE ANCHOR SHACKLE



ALL ALLOY SCREW PIN ANCHOR SHACKLE

POWDER COATED BLAZE ORANGE



ALL ALLOY BOLT TYPE ANCHOR SHACKLE

X100 SCREW PIN CHAIN SHACKLES

DROP FORGED, LOAD RATED, HOT GALVANIZED

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XSPC250	1/4"	5/16"	0.50	0.11
XSPC312	5/16"	3/8"	0.75	0.18
XSPC375	3/8"	7/16"	1.00	0.30
XSPC500	1/2"	5/8"	2.00	0.59
XSPC625	5/8"	3/4"	3.25	1.27
XSPC750	3/4"	7/8"	4.75	2.60
XSPC875	7/8"	1"	6.50	3.15
XSPC100	1"	1 1/8"	8.50	4.75

Approved for overhead lifting. According to Federal Specification RR-C-271d, Type IVB, Grade A, Class 2.



SCREW PIN CHAIN SHACKLE

X100 ROUND PIN ANCHOR SHACKLES

DROP FORGED, LOAD RATED, HOT GALVANIZED

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (TONS)	WEIGHT/PIECE (LBS.)
XRPA250	1/4"	5/16"	0.50	0.13
XRPA312	5/16"	3/8"	0.75	0.18
XRPA375	3/8"	7/16"	1.00	0.25
XRPA500	1/2"	5/8"	2.00	0.50
XRPA625	5/8"	3/4"	3.25	1.50
XRPA750	3/4"	7/8"	4.75	2.32
XRPA875	7/8"	1"	6.50	3.49
XRPA100	1"	1 1/8"	8.50	5.00

Approved for overhead lifting. According to Federal Specification RR-C-271d, Type IVB, Grade A, Class 1.



ROUND PIN ANCHOR SHACKLE

COMMERCIAL GRADE ANCHOR SHACKLES

STOCK NUMBER	SIZE	PIN DIAMETER	WEIGHT/PIECE (LBS.)
CGSPA187	3/16"	1/4"	0.05
CGSPA250	1/4"	5/16"	0.12
CGSPA312	5/16"	3/8"	0.19
CGSPA375	3/8"	7/16"	0.31
CGSPA437	7/16"	1/2"	0.38
CGSPA500	1/2"	5/8"	0.63
CGSPA625	5/8"	3/4"	1.38
CGSPA750	3/4"	7/8"	2.58
CGSPA875	7/8"	1"	3.38
CGSPA100	1"	1 1/8"	5.32



COMMERCIAL GRADE ANCHOR SHACKLE

 Commercial Grade Anchor Shackles are **NOT** rated for overhead lifting.



REPAIR LAP LINK

REPAIR LAP LINKS

BRIGHT ZINC

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
LL125	1/8"	190	0.01
LL187	3/16"	240	0.03
LL250	1/4"	400	0.06
LL312	5/16"	950	0.13
LL375	3/8"	1,250	0.26
LL500	1/2"	1,525	0.60

Lap Links are **NOT** suitable for overhead lifting.



QUICK LINK

RAPID/QUICK LINKS #7350

BRIGHT ZINC

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
QL125	1/8"	220	0.03
QL187	3/16"	660	0.04
QL250	1/4"	880	0.06
QL312	5/16"	1,760	0.15
QL375	3/8"	2,200	0.20
QL500	1/2"	3,300	0.60
QL625	5/8"	4,700	1.40

Quick Links are **NOT** suitable for overhead lifting. Wide Jaw Quick Links available upon request.



SPRING HOOK

SPRING HOOKS (UNIVERSAL SNAP) #2450

BRIGHT ZINC

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SPRING187NE	3/16"	220	0.04
SPRING250NE	1/4"	260	0.07
SPRING312NE	5/16"	500	0.17
SPRING375NE	3/8"	550	0.24
SPRING437NE	7/16"	770	0.29
SPRING500NE	1/2"	1,200	0.55

Spring Hooks are **NOT** suitable for overhead lifting.



COLD SHUT

COLD SHUTS

BRIGHT ZINC

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
CS187	3/16"	525	0.03
CS250	1/4"	750	0.06
CS312	5/16"	1,250	0.11
CS375	3/8"	1,900	0.18
CS500	1/2"	3,500	0.38

Cold Shuts are **NOT** suitable for overhead lifting.

DOUBLE CLEVIS

GRADE 70

STOCK NUMBER	FOR CHAIN SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
G70-5/16DCHI	1/4" - 5/16"	4,700	0.30
G70-3/8DCHI	3/8"	6,600	0.40
G70-1/2DCHI	7/16" - 1/2"	11,300	0.98

Double Clevises are **NOT** suitable for overhead lifting.



DOUBLE CLEVIS

CONNECTING LINKS

BRIGHT ZINC

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
CL187	3/16"	800	0.04
CL250	1/4"	1,325	0.06
CL312	5/16"	1,950	0.10
CL375	3/8"	2,750	0.20
CL500	1/2"	4,750	0.40

Connecting Links are **NOT** suitable for overhead lifting.



CONNECTING LINK

SWIVELS

DROP-FORGED, HOT GALVANIZED

EYE-EYE		EYE-JAW		WORKING LOAD LIMIT (LBS.)	SIZE
STOCK NUMBER	WT/PIECE (LBS.)	STOCK NUMBER	WT/PIECE (LBS.)		
SWIV250EE	0.21	SWIV250EJ	0.25	850	1/4"
SWIV312EE	0.38	SWIV312EJ	0.39	1,250	5/16"
SWIV375EE	0.68	SWIV375EJ	0.71	2,250	3/8"
SWIV500EE	1.40	SWIV500EJ	1.43	3,600	1/2"
SWIV625EE	2.50	SWIV625EJ	2.48	5,200	5/8"
SWIV750EE	3.90	SWIV750EJ	3.50	7,200	3/4"
SWIV875EE	6.25	SWIV875EJ	5.87	10,000	7/8"

Swivels are **NOT** suitable for overhead lifting. Swivels **NOT** designed to rotate under load.



SWIVELS

S-HOOKS, STEEL - BRIGHT ZINC

STOCK NUMBER	SIZE	WEIGHT/1,000 PIECES (LBS.)
SHOOK#187	0.187" X 2 3/4"	41.3
SHOOK#187HT (High Tensile)	0.187" X 1 1/2"	23.9
SHOOK#72	0.08" X 1"	6.0
SHOOK#80	0.250" X 2 1/4"	7.5
SHOOK#81	0.125" X 1 1/8"	7.8
SHOOK#100	0.125" X 1 1/2"	9.0
SHOOK#120	0.125" X 1 3/4"	12.5
SHOOK#375	0.125" X 2"	13.2

Steel S-Hooks are **NOT** designed or approved for overhead lifting.



S-HOOK

GALVANIZED AIRCRAFT CABLE

STOCK NUMBER	SIZE	CONSTRUCTION	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
GAC0477X7	3/64"	7X7	3.6	270
GAC0627X7	1/16"	7X7	7	480
GAC0937X7	3/32"	7X7	16	920
GAC1257X7	1/8"	7X7	28	1,700
GAC1877X7	3/16"	7X7	62	3,700
GAC1257X19	1/8"	7X19	29	2,000
GAC1567X19	5/32"	7X19	45	2,800
GAC1877X19	3/16"	7X19	65	4,200
GAC2187X19	7/32"	7X19	86	5,600
GAC2507X19	1/4"	7X19	110	7,000
GAC3127X19	5/16"	7X19	173	9,800
GAC3757X19	3/8"	7X19	243	14,400

Standard reel lengths in stock: 250', 500', 1,000' and 5,000'.

STAINLESS STEEL AIRCRAFT CABLE

TYPE 304

STOCK NUMBER	SIZE	CONSTRUCTION	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
SSAC0627X7	1/16"	7X7	7.5	480
SSAC0937X7	3/32"	7X7	16	920
SSAC1257X7	1/8"	7X7	28	1,760
SSAC1257X19	1/8"	7X19	29	1,760
SSAC1877X19	3/16"	7X19	65	3,700
SSAC2507X19	1/4"	7X19	110	6,400
SSAC3127X19	5/16"	7X19	173	9,000
SSAC3757X19	3/8"	7X19	243	12,000

Standard reel lengths in stock: 250', 500', 1,000' and 5,000'.

Also available in Type 316.

VINYL COATED GALVANIZED AIRCRAFT CABLE

STOCK NUMBER	SIZE	CONSTRUCTION	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
VCGAC047-062	3/64"-1/16"	7X7	7	270
VCGAC062-093	1/16"-3/32"	7X7	10	480
VCGAC093-125	3/32"-1/8"	7X7	18.5	920
VCGAC093-187	3/32"-3/16"	7X7	25.8	920
VCGAC125-187	1/8"-3/16"	7X7	35.2	1,700
VCGAC187-250	3/16"-1/4"	7X19	77.5	4,200
VCGAC250-312	1/4"-5/16"	7X19	123	7,000
VCGAC312-375	5/16"-3/8"	7X19	197	9,800
VCGAC375-437	3/8"-7/16"	7X19	270	14,400

Standard reel lengths in stock: 250', 500', 1,000' and 5,000'. Vinyl coated cable also available in larger sizes and in stainless steel.

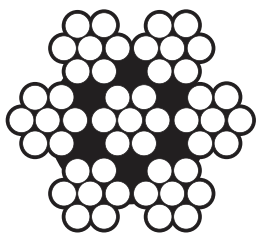
★Vinyl coated cable also available in larger sizes and in stainless steel.

*Made in accordance with Federal Specification RR-W-410D

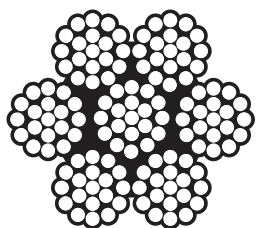
Note: Breaking strength ratings are listed for comparison purposes only. Actual operating loads may vary, but should not exceed the recommended breaking strength.

OTHER WIRE ROPE AVAILABLE UPON REQUEST

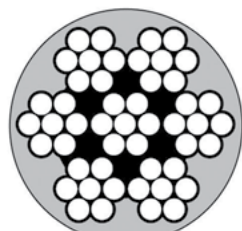
6X31, 4X26 SCAFFOLDING ROPES	ALL CRANE ROPES	LARGE DIAMETER	6X26, 3X7 SUPER SWAGED
35X7 NON-ROTATING CABLE	CABLE LAID 7X7X7	316 STAINLESS STEEL 6X19 & 6X37	6X15 FC LASHING ROPE



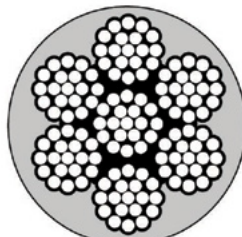
7X7



7X19



7X7



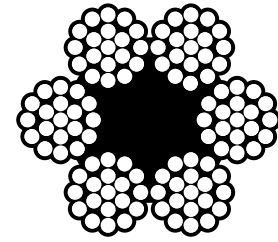
7X19

Available upon request: COLOR COATED CABLE ASSEMBLIES, and NYLON COATED CABLE.

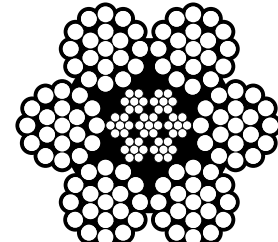
BRIGHT WIRE ROPE

EIPS 6 X 19 CLASS

FIBER CORE			IWRC			
STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	SIZE
BFC2506X19	110	6,020	BIWRC2506X19	120	6,800	1/4"
BFC3126X19	160	9,380	BIWRC3126X19	180	10,540	5/16"
BFC3756X19	230	13,420	BIWRC3756X19	260	15,100	3/8"
BFC4376X19	320	18,200	BIWRC4376X19	350	20,400	7/16"
BFC5006X19	420	23,600	BIWRC5006X19	460	26,600	1/2"
BFC5626X19	530	29,800	BIWRC5626X19	590	33,600	9/16"
BFC6256X19	660	36,800	BIWRC6256X19	720	41,200	5/8"
BFC7506X19	950	52,400	BIWRC7506X19	1,040	58,800	3/4"
BFC8756X19	1,290	70,800	BIWRC8756X19	1,420	79,600	7/8"
BFC1006X19	1,680	92,000	BIWRC1006X19	1,850	103,400	1"



6X19 FIBER CORE

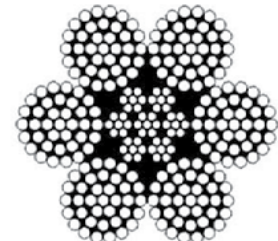


6X19 IWRC

BRIGHT WIRE ROPE

EIPS 6 X 37 CLASS

FIBER CORE			IWRC			
STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	SIZE
BFC2506X37	110	6,020	BIWRC2506X37	120	6,800	1/4"
BFC3126X37	160	9,380	BIWRC3126X37	180	10,540	5/16"
BFC3756X37	230	13,420	BIWRC3756X37	260	15,100	3/8"
BFC4376X37	320	18,200	BIWRC4376X37	350	20,400	7/16"
BFC5006X37	420	23,600	BIWRC5006X37	460	26,600	1/2"
BFC5626X37	530	29,800	BIWRC5626X37	590	33,600	9/16"
BFC6256X37	660	36,800	BIWRC6256X37	720	41,200	5/8"
BFC7506X37	950	52,400	BIWRC7506X37	1,040	58,800	3/4"



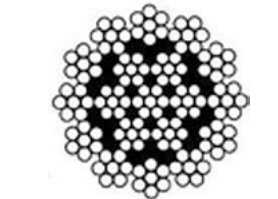
6X37 IWRC

Available upon request: Galvanized Wire Rope 6 X 37 Class.

GALVANIZED WIRE ROPE

EIPS 6 X 19 CLASS

FIBER CORE			IWRC			
STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	SIZE
GFC3756X19	230	10,980	GIWRC3756X19	260	13,600	3/8"
GFC4376X19	320	14,880	GIWRC4376X19	350	18,360	7/16"
GFC5006X19	420	19,260	GIWRC5006X19	460	24,000	1/2"
GFC5626X19	530	24,200	GIWRC5626X19	590	30,200	9/16"
GFC6256X19	660	30,000	GIWRC6256X19	720	37,000	5/8"
GFC7506X19	950	42,800	GIWRC7506X19	1,040	53,000	3/4"



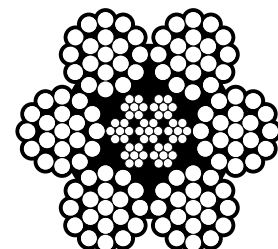
19X7 ROTATION RESISTANT

Note: According to Federal Specifications RR-W-410D, preformed right regular lay.

ROTATION RESISTANT WIRE ROPE

EIPS 19 X 7 CLASS

STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	SIZE
BIWRC37519X7	250	12,300	3/8"
BIWRC43719X7	350	16,600	7/16"
BIWRC50019X7	450	21,600	1/2"
BIWRC56219X7	570	27,200	9/16"
BIWRC62519X7	710	33,600	5/8"
BIWRC75019X7	1,020	48,000	3/4"



6X25 STAINLESS STEEL

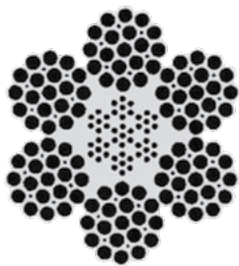
Available upon request: Spin Resistant Wire Rope 8 X 25 Class.

STAINLESS STEEL WIRE ROPE

EIPS 6 X 25/36 CLASS

STOCK NUMBER	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)	SIZE
SSWRC437	356	16,300	7/16"
SSWRC500	460	22,800	1/2"
SSWRC562	590	28,500	9/16"
SSWRC625	720	35,000	5/8"
SSWRC750	1,040	49,600	3/4"
SSWRC8756X36	1,420	66,500	7/8"
SSWRC1006X36	1,850	85,400	1"

NOTE: Breaking strength ratings are listed for comparison purposes only. Actual operating loads may vary, but should not exceed the recommended design factor of 20% of the product's breaking strength.



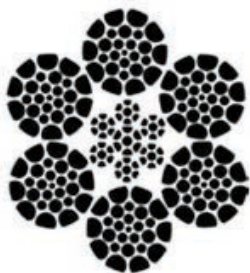
6X19 CLASS

DOMESTIC WIRE ROPE

6X19 & 6X36 CLASS

STOCK NUMBER 6X19	STOCK NUMBER 6X36	SIZE	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
DBIWRC250	DBIWRC2506X36	1/4"	120	6,800
DBIWRC312	DBIWRC3126X36	5/16"	180	10,540
DBIWRC375	DBIWRC3756X36	3/8"	260	15,100
DBIWRC437	DBIWRC4376X36	7/16"	350	20,400
DBIWRC500	DBIWRC5006X36	1/2"	460	26,600
DBIWRC562	DBIWRC5626X36	9/16"	580	33,600
DBIWRC625	DBIWRC6256X36	5/8"	720	41,200
DBIWRC750	DBIWRC7506X36	3/4"	1,040	58,800
DBIWRC875	DBIWRC8756X36	7/8"	1,410	79,800
DBIWRC100	DBIWRC1006X36	1"	1,850	103,400
DBIWRC1125	DBIWRC11256X36	1 1/8"	2,340	130,000
DBIWRC1250	DBIWRC12506X36	1 1/4"	2,890	159,800
DBIWRC1375	DBIWRC13756X36	1 3/8"	3,590	192,000
DBIWRC1500	DBIWRC15006X36	1 1/2"	4,160	228,000

All available up to 2 3/4"



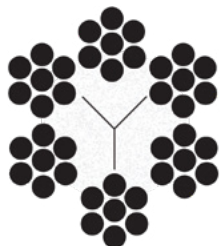
6-PAC

COMPACTED WIRE ROPE

6-PAC

STOCK NUMBER	SIZE	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
6PAC375D	3/8"	285	16,600
6PAC437D	7/16"	388	22,400
6PAC500D	1/2"	503	29,200
6PAC562D	9/16"	642	37,000
6PAC625D	5/8"	795	45,400
6PAC750D	3/4"	1,143	64,800
6PAC875D	7/8"	1,547	87,600
6PAC100D	1"	2,075	113,800
6PAC1125D	1 1/8"	2,575	143,000
6PAC1250D	1 1/4"	3,169	175,800
6PAC1375D	1 3/8"	3,758	212,000
6PAC1500D	1 1/2"	4,564	250,000
6PAC1625D	1 5/8"	5,356	292,000
6PAC1750D	1 3/4"	6,212	338,000

SAND LINES & SWABBING LINES 6X7

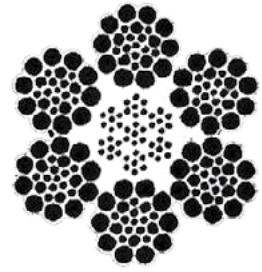


6X7

STOCK NUMBER	SIZE	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
SL375D	3/8"	210	11,720
SL437D	7/16"	290	15,860
SL500D	1/2"	380	20,600
SL562D	9/16"	480	26,000
SL562GD	9/16"	470	26,000
SL625D	5/8"	590	31,800

SWAGED TUBING LINES

STOCK NUMBER	SIZE	CONSTRUCTION	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
TUB8756X26D	7/8"	6X26 WS	1,800	94,000
TUB8756X31D	7/8"	6X31 WS	1,820	94,000
TUB1006X26D	1"	6X26 WS	2,350	124,000
TUB1006X31D	1"	6X31 WS	2,260	124,000

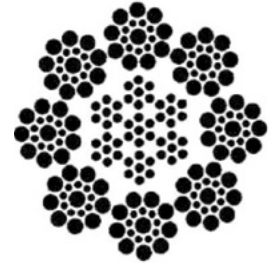


SWAGED TUBING LINE

ROTATION RESISTANT

8X19

STOCK NUMBER	SIZE	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
BIWRC4378X19D	7/16"	360	18,000
BIWRC5008X19D	1/2"	470	23,200
BIWRC5628X19D	9/16"	600	29,400
BIWRC6258X19D	5/8"	730	36,200
BIWRC7508X19D	3/4"	1,060	51,800
BIWRC8758X19D	7/8"	1,440	70,000
BIWRC1008X19D	1"	1,880	91,000
BIWRC11258X19D	1 1/8"	2,390	114,600
BIWRC12508X19D	1 1/4"	2,940	141,000
BIWRC13758X19D	1 3/8"	3,560	169,800
BIWRC15008X19D	1 1/2"	4,240	200,000

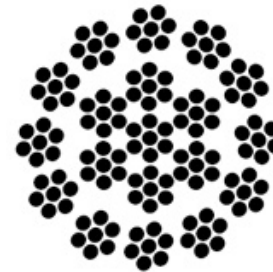


8X19

ROTATION RESISTANT

19X7

STOCK NUMBER	SIZE	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
BIWRC43719X7D	7/16"	350	16,660
BIWRC50019X7D	1/2"	450	21,600
BIWRC56219X7D	9/16"	580	27,200
BIWRC62519X7D	5/8"	710	33,600
BIWRC75019X7D	3/4"	1,020	48,000
BIWRC87519X7D	7/8"	1,390	65,000
BIWRC10019X7D	1"	1,820	84,400
BIWRC112519X7D	1 1/8"	2,300	106,200
BIWRC125019X7D	1 1/4"	2,840	130,200
BIWRC137519X7D	1 3/8"	3,430	156,800
BIWRC150019X7D	1 1/2"	4,083	185,600

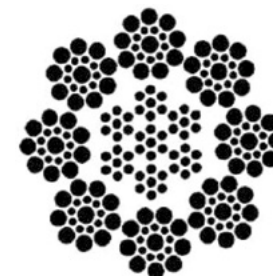


19X7

ROTATION RESISTANT

SUPER FLEX PAC 19

STOCK NUMBER	SIZE	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
SFP19500D	1/2"	540	29,200
SFP19562D	9/16"	690	37,000
SFP19625D	5/8"	830	45,400
SFP19750D	3/4"	1,190	64,800
SFP19875D	7/8"	1,620	87,600
SFP19100D	1"	2,120	113,800
SFP191125D	1 1/8"	2,680	143,000
SFP191250D	1 1/4"	3,310	175,800
SFP191375D	1 3/8"	4,010	212,000
SFP191500D	1 1/2"	4,770	250,000

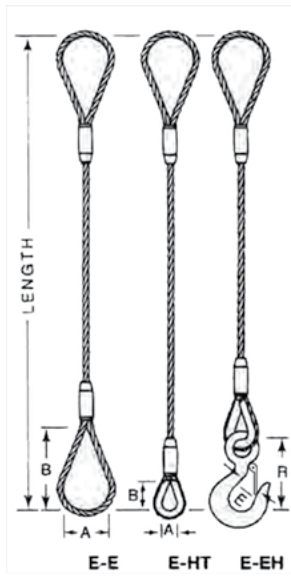


SUPER FLEX PAC 19

Also available: Super Flex Pac 35.

SINGLE LEG WIRE ROPE SLINGS

SINGLE



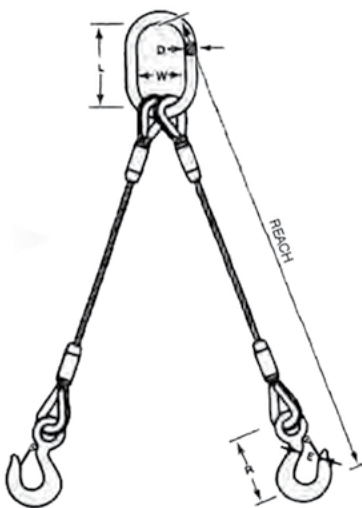
SINGLE SLING DIMENSIONS

ROPE DIA.	WORKING LOAD LIMIT - TONS* EIPS IWRC W/R			EYE DIMENSIONS		THIMBLE		HOOK		
	VERTICAL	CHOKER	BASKET	A	B	A	B	WLL** TONS	E	R
1/4"	.65	.48	1.3	2"	4"	7/8"	1 5/8"	1	15/16"	3 7/32"
5/16"	1	.74	2	2 1/2"	5"	1 1/16"	1 7/8"	1	1 1/32"	3 21/32"
3/8"	1.4	1.1	2.9	3"	6"	1 1/8"	2 1/8"	1 1/2	1 1/16"	4 3/32"
7/16"	1.9	1.4	3.9	3 1/2"	7"	1 1/4"	2 1/4"	2	1 7/32"	4 11/16"
1/2"	2.5	1.9	5.1	4"	8"	1 1/2"	2 3/4"	3	1 1/2"	5 3/4"
9/16"	3.2	2.4	6.4	4 1/2"	9"	1 1/2"	2 3/4"	5	1 1/2"	5 3/4"
5/8"	3.9	2.9	7.8	5"	10"	1 3/4"	3 1/4"	5	1 7/8"	7 3/8"
3/4"	5.6	4.1	11	6"	12"	2"	3 3/4"	7	1 7/8"	7 3/8"
7/8"	7.6	5.6	15	7"	14"	2 1/4"	4 1/4"	11	2 1/4"	9 1/16"
1"	9.8	7.2	20	8"	16"	2 1/2"	4 1/2"	11	2 1/4"	9 1/16"
1 1/8"	12	9.1	24	9"	18"	2 7/8"	5 1/8"	15	2 1/2"	10 1/16"
1 1/4"	15	11	30	10"	20"	3 1/2"	6 1/4"	15	2 1/2"	10 1/16"
1 1/2"	21	16	42	12"	24"	3 1/2"	6 1/4"	22	3 3/8"	12 1/2"
1 3/4"	28	21	57	14"	28"	4 1/2"	9"	30	4"	14 1/16"
2"	37	28	73	16"	32"	6"	12"	37	4 1/4"	18 5/16"

All capacities in tons (2,000 lbs.) All eye and fitting dimensions in inches.

TWO-LEG BRIDLE WIRE ROPE SLINGS

DOUBLE



DOUBLE SLING DIMENSIONS

ROPE DIA.	WORKING LOAD LIMIT - TONS* EIPS IWRC W/R EPS			ALLOY OBLONG LINKS			WLL** TONS	HOOK	
	30°	45°	60°	D	L	W		E	R
1/4"	.65	.91	1.1	1/2"	5"	2 1/2"	1	15/16"	3 7/32"
5/16"	1	1.4	1.7	1/2"	5"	2 1/2"	1	1 1/32"	3 21/32"
3/8"	1.4	2	2.5	1/2"	5"	2 1/2"	1 1/2	1 1/16"	4 3/32"
7/16"	1.9	2.7	3.4	3/4"	5 1/2"	2 3/4"	2	1 7/32"	4 11/16"
1/2"	2.5	3.6	4.4	3/4"	5 1/2"	2 3/4"	3	1 1/2"	5 3/4"
9/16"	3.2	4.5	5.5	3/4"	5 1/2"	2 3/4"	5	1 1/2"	5 3/4"
5/8"	3.9	5.5	6.8	1"	8"	4"	5	1 7/8"	7 3/8"
3/4"	5.6	7.9	9.7	1 1/4"	8 3/4"	4 3/8"	7	1 7/8"	7 3/8"
7/8"	7.6	11	13	1 1/4"	8 3/4"	4 3/8"	11	2 1/4"	9 1/16"
1"	9.8	14	17	1 1/2"	10 1/2"	5 1/4"	11	2 1/4"	9 1/16"
1 1/8"	12	17	21	1 1/2"	10 1/2"	5 1/4"	15	2 1/2"	10 1/16"
1 1/4"	15	21	26	1 3/4"	12"	6"	15	2 1/2"	10 1/16"
1 1/2"	21	30	37	2"	14"	7"	22	3 3/8"	12 1/2"
1 3/4"	28	40	49	2 1/4"	16"	8"	30	4"	14 1/16"
2"	37	52	63	2 3/4"	16"	9"	37	4 1/4"	18 5/16"

Do not exceed work load limit.

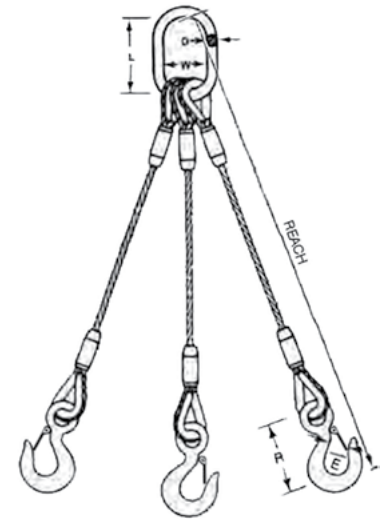
Please note: Any and all sizes are available.

Please contact your CCUSA sales representative for details.

THREE-LEG BRIDLE WIRE ROPE SLINGS

TRIPLE

ROPE DIA.	WORKING LOAD LIMIT - TONS* EIPS IWRC W/R			ALLOY OBLONG LINK				HOOK	
	30°	45°	60°	D	L	W	WLL** TONS	E	R
1/4"	.97	1.4	1.7	1/2"	5"	2 1/2"	1	15/16"	3 7/32"
5/16"	1.5	2.1	2.6	1/2"	5"	2 1/2"	1	1 1/32"	3 21/32"
3/8"	2.2	3	3.7	3/4"	5 1/2"	2 3/4"	1 1/2	1 1/16"	4 3/32"
7/16"	2.9	4.1	5	3/4"	5 1/2"	2 3/4"	2	1 7/32"	4 11/16"
1/2"	3.8	5.4	6.6	1"	8"	4"	3	1 1/2"	5 3/4"
9/16"	4.8	6.8	8.3	1"	8"	4"	5	1 1/2"	5 3/4"
5/8"	5.9	8.3	10	1 1/4"	8 3/4"	4 3/8"	5	1 7/8"	7 3/8"
3/4"	8.4	12	15	1 1/2"	10 1/2"	5 1/4"	7	1 7/8"	7 3/8"
7/8"	11	16	20	1 1/2"	10 1/2"	5 1/4"	11	2 1/4"	9 1/16"
1"	15	21	26	1 3/4"	12"	6"	11	2 1/4"	9 1/16"
1 1/8"	18	26	31	1 3/4"	12"	6"	15	2 1/2"	10 1/16"
1 1/4"	22	31	38	2"	14"	7"	15	2 1/2"	10 1/16"
1 1/2"	32	45	55	2 1/4"	16"	8"	22	3 3/8"	12 1/2"



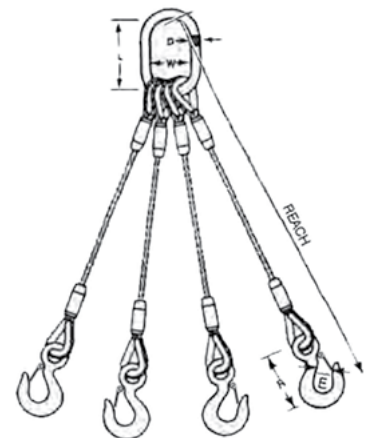
TRIPLE SLING DIMENSIONS

All capacities in tons (2,000 lbs.) All eye and fitting dimensions in inches.

FOUR-LEG BRIDLE WIRE ROPE SLINGS

QUADRUPLE

ROPE DIA.	WORKING LOAD LIMIT - TONS* EIPS IWRC W/R			ALLOY OBLONG LINK				HOOK	
	30°	45°	60°	D	L	W	WLL** TONS	E	R
1/4"	1.3	1.8	2.2	1/2"	5"	2 1/2"	1	15/16"	3 7/32"
5/16"	2	2.8	3.5	3/4"	6"	3"	1	1 1/32"	3 21/32"
3/8"	2.9	4.1	5	3/4"	6"	3"	1 1/2	1 1/16"	4 3/32"
7/16"	3.9	5.5	6.7	1"	8"	4"	2	1 7/32"	4 11/16"
1/2"	5.1	7.1	8.8	1"	8"	4"	3	1 1/2"	5 3/4"
9/16"	6.4	9	11	1 1/4"	8 3/4"	4 3/8"	5	1 1/2"	5 3/4"
5/8"	7.8	11	14	1 1/2"	10 1/2"	5 1/4"	5	1 7/8"	7 3/8"
3/4"	11	16	19	1 3/4"	12"	6"	7	1 7/8"	7 3/8"
7/8"	15	21	26	2"	14"	7"	11	2 1/4"	9 1/16"
1"	20	28	34	2 1/4"	16"	8"	11	2 1/4"	9 1/16"
1 1/8"	24	34	42	2 3/4"	16"	8"	15	2 1/2"	10 1/16"
1 1/4"	30	42	51	2 3/4"	16"	9"	15	2 1/2"	10 1/16"



QUADRUPLE SLING DIMENSIONS

Do not exceed work load limit.

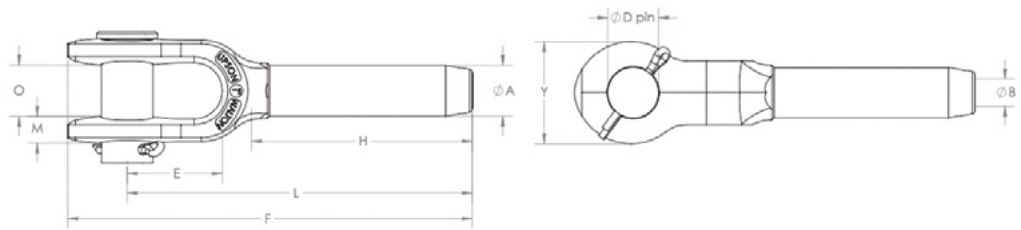
Please note: Any and all sizes are available.

Please contact your CCUSA sales representative for details.

OPEN SWAGE SOCKETS

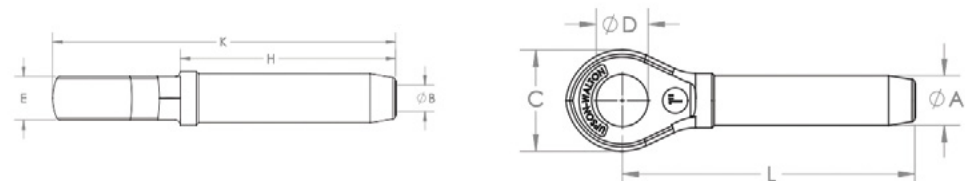
STOCK NUMBER	ROPE DIA.	DIMENSIONS (IN.)										WEIGHT (LBS.)	AFTER SWAGE DIMENSION (IN.)	
		A	B	D	E	F	H	L	M	O	Y		MIN.	MAX.
40025002	1/4"	0.495	0.272	0.688	1 1/2	4 3/4	2 1/8	4	5/16	11/16	1 3/8	0.57	0.428	0.460
40031302	5/16"	0.770	0.339	0.812	1 3/4	6 1/4	3 3/16	5 5/16	13/32	13/16	1 5/8	1.25	0.678	0.710
40037502	3/8"	0.770	0.406	0.812	1 3/4	6 1/4	3 3/16	5 5/16	13/32	13/16	1 5/8	1.20	0.678	0.710
40043802	7/16"	0.982	0.484	1.000	2	7 13/16	4 1/4	6 11/16	1/2	1	2	2.45	0.865	0.910
40050002	1/2"	0.982	0.547	1.000	2	7 13/16	4 1/4	6 11/16	1/2	1	2	2.40	0.865	0.910
40056302	9/16"	1.257	0.609	1.190	2 1/4	9 9/16	5 5/16	8 1/8	5/8	1 1/4	2 1/2	4.80	1.115	1.160
40062502	5/8"	1.257	0.672	1.190	2 1/4	9 9/16	5 5/16	8 1/8	5/8	1 1/4	2 1/2	4.50	1.115	1.160
40075002	3/4"	1.545	0.796	1.380	2 3/4	11 11/16	6 3/8	10	3/4	1 1/2	3	7.80	1.365	1.420
40087502	7/8"	1.700	0.938	1.630	3 1/4	13 5/8	7 7/16	11 5/8	15/16	1 3/4	3 3/8	11.80	1.490	1.550
40100002	1"	1.975	1.062	2.000	3 1/4	15 5/8	8 1/2	13 3/8	1 1/32	2	4	17.80	1.740	1.800
40112502	1 1/8"	2.245	1.188	2.250	4 1/4	17 1/2	9 9/16	15	1 3/16	2 1/4	4 1/2	28.90	1.990	2.050
40125002	1 1/4"	2.525	1.328	2.500	4 3/4	19 7/16	10 5/8	16 1/2	1 3/16	2 1/2	5	36.20	2.240	2.300
40150002	1 1/2"	3.075	1.578	2.750	5 3/4	23 1/4	12 3/4	19 3/4	1 7/16	3	5 3/4	64.40	2.740	2.560

Also available in 304 Stainless Steel: 1/4" through 1 1/4" Open and Closed.



CLOSED SWAGE SOCKETS

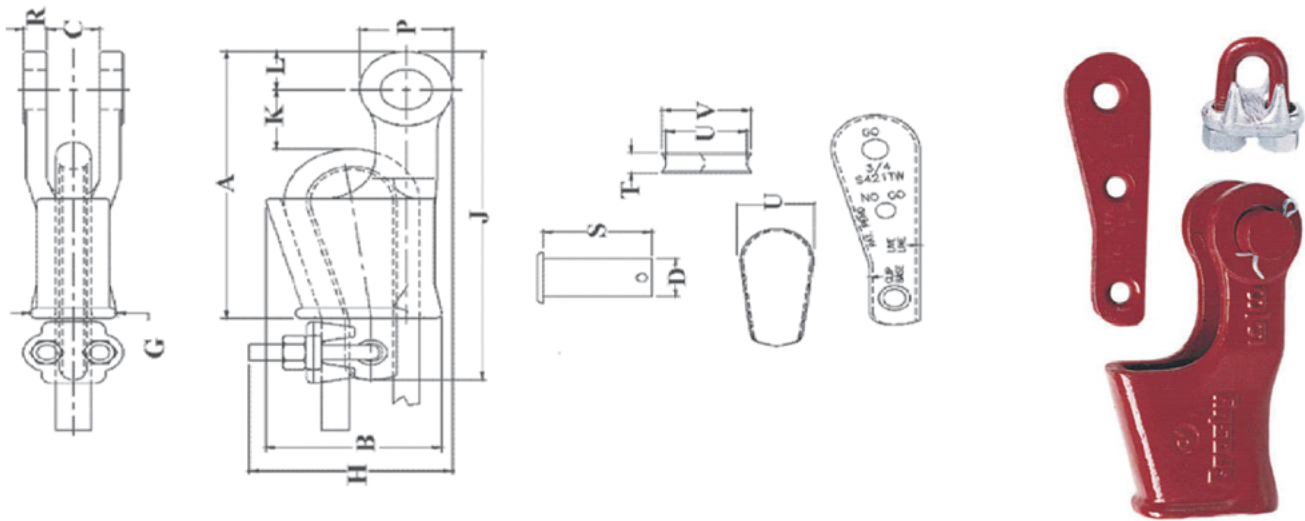
STOCK NUMBER	ROPE DIA.	DIMENSIONS (IN.)									WEIGHT (LBS.)	AFTER SWAGE DIMENSION (IN.)	
		A	B	C	D	E	H	K	L	MIN.		MAX.	
41025002	1/4"	0.495	0.272	1 7/16	0.750	1/2	2 1/8	4 3/8	3 1/2	0.35	0.428	0.460	
41031302	5/16"	0.770	0.339	1 11/16	0.875	11/16	3 3/16	5 1/2	4 1/2	0.77	0.678	0.710	
41037502	3/8"	0.770	0.406	1 11/16	0.875	11/16	3 3/16	5 1/2	4 1/2	0.73	0.678	0.710	
41043802	7/16"	0.982	0.484	2	1.063	7/8	4 1/4	6 15/16	5 3/4	1.47	0.865	0.910	
41050002	1/2"	0.982	0.547	2	1.063	7/8	4 1/4	6 15/16	5 3/4	1.38	0.865	0.910	
41056302	9/16"	1.257	0.609	2 1/2	1.250	1 1/8	5 5/16	8 3/4	7 1/4	2.90	1.115	1.160	
41062502	5/8"	1.257	0.672	2 1/2	1.250	1 1/8	5 5/16	8 3/4	7 1/4	2.80	1.115	1.160	
41075002	3/4"	1.545	0.796	3	1.438	1 5/16	6 3/8	10 3/8	8 5/8	5.16	1.365	1.420	
41087502	7/8"	1.700	0.938	3 1/2	1.688	1 1/2	7 7/16	12 1/8	10 1/8	7.40	1.490	1.550	
41100002	1"	1.975	1.062	4	2.063	1 3/4	8 1/2	13 3/4	11 1/2	11.20	1.740	1.800	
41112502	1 1/8"	2.245	1.188	4 1/2	2.313	2	9 9/16	15 1/4	12 3/4	16.00	1.990	2.050	
41125002	1 1/4"	2.525	1.328	5	2.563	2 1/4	10 5/8	17 1/4	14 3/8	22.70	2.240	2.300	
41150002	1 1/2"	3.075	1.578	5 1/2	2.813	2 1/2	12 3/4	20 3/8	17	37.50	2.740	2.810	



WEDGE SOCKETS

SOCKET, WEDGE, PIN, AND WIRE ROPE CLIP

STOCK NUMBER	SIZE		WEIGHT EACH (LBS.)	STOCK NUMBER WEDGE ONLY	WEDGE ONLY WEIGHT EACH (LBS.)
	(IN.)	(MM)			
1035000	3/8	9-10	3.18	1035555	.50
1035009	1/2	11-13	6.15	1035564	1.05
1035018	5/8	14-16	9.70	1035573	1.79
1035027	3/4	18-19	14.50	1035582	2.60
1035036	7/8	20-22	21.50	1035591	4.00
1035045	1	24-26	30.75	1035600	5.37
1035054	1 1/8	28	45.30	1035609	7.30
1035063	1 1/4	30-32	64.90	1035618	10.60



WEDGE SOCKET DIMENSIONS

STOCK NUMBER	WIRE ROPE DIA. (IN.)		DIMENSIONS (IN.)														
	(IN.)	(MM)	A	B	C	D	G	H	J*	K*	L	P	R	S	T	U	V
1035000	3/8	9-10	5.69	2.72	.81	.81	1.38	3.06	7.80	1.88	.88	1.56	.44	2.13	.44	1.25	1.38
1035009	1/2	11-13	6.88	3.47	1.00	1.00	1.62	3.76	8.91	1.26	1.06	1.94	.50	2.56	.53	1.75	1.88
1035018	5/8	14-16	8.25	4.30	1.25	1.19	2.12	4.47	10.75	1.99	1.22	2.25	.56	3.25	.69	2.00	2.19
1035027	3/4	18-19	9.88	5.12	1.50	1.38	2.44	5.28	12.36	2.41	1.40	2.63	.66	3.63	.78	2.34	2.56
1035036	7/8	20-22	11.25	5.85	1.75	1.63	2.69	6.16	14.37	2.48	1.67	3.13	.75	4.31	.88	2.69	2.94
1035045	1	24-26	12.81	6.32	2.00	2.00	2.94	6.96	16.29	3.04	2.00	3.75	.88	4.70	1.03	2.88	3.28
1035054	1 1/8	28	14.38	6.92	2.25	2.25	3.31	7.62	18.34	2.56	2.25	4.25	1.00	5.44	1.10	3.25	3.56
1035063	1 1/4	30-32	16.34	8.73	2.62	2.50	3.56	9.39	20.48	2.94	2.34	4.50	1.06	6.13	1.19	4.62	4.94

*Nominal

Note: For intermediate wire rope sizes, use next larger size socket.







This wedge is designed to be assembled only in the socket body with which it is sold.



GROMMETS

VERTICAL, CHOKER, OR BASKET HITCHES

RATED CAPACITY IN TONS OF 2,000 LBS.**

GROMMET BODY DIAMETER	VERTICAL	CHOKER	VERTICAL BASKET	60°	45°	30°
						
COMPONENT ROPE 6X36 BRIGHT IWRC EIPS RRL						
3/4"	6.2	4.1	12	11	8.8	6.2
7/8"	8.3	5.4	17	14	12	8.3
1"	11	6.8	21	18	15	11
1 1/8"	13	8.4	26	22	18	13
1 1/4"	16	10	31	27	22	16

Rated capacities shown apply only to 6X19 and 6X36 classification EIPS wire rope.

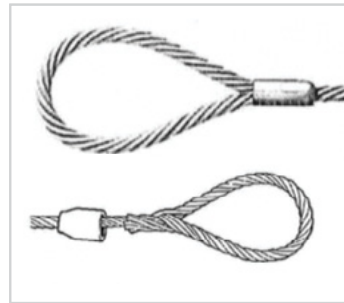
WIRE ROPE SLING TERMINATION TYPES



ONE PIECE TURNBACK



TWO PIECE TURNBACK



FLEMISHED EYE



HAND SPLICED

X100 SLIDING CHOKER HOOKS WITH LATCH

SYNTHETICS - CABLE - CHAIN

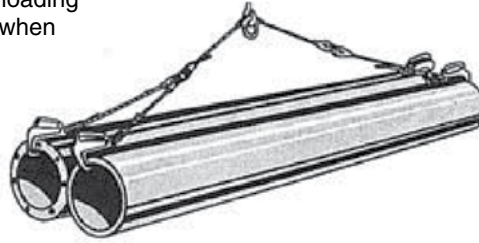
STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
XSLDWR500	3/8"-1/2"	3,800	1.6
XSLDWR625	5/8"	5,800	3.8
XSLDWR750	3/4"	8,200	6.6
XSLDWR100	7/8" - 1"	15,000	14.6

SLIDING CHOKER HOOK REPLACEMENT LATCH KIT

STOCK NUMBER	SIZE	WEIGHT/PIECE (LBS.)
CHOKESLIDE500LK	3/8"-1/2"	0.2
CHOKESLIDE625LK	5/8"	0.2
CHOKESLIDE750LK	3/4"	0.3



Ease the job of handling pipe. Pipe hooks speed up loading or unloading of pipe sections, or the moving of pipe when placing pipe into position for connecting or welding.



PIPE HOOK

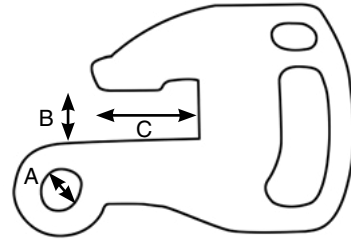
PIPE HOOK

NUMBER	A	B	C	ROPE SIZE	WORKING LOAD LIMIT	WEIGHT (LBS.)
2	1 1/4"	1"	3 1/4"	3/8" - 5/8"	8,500	8.5
3	1 1/4"	2"	3 1/4"	3/8" - 5/8"	7,500	10.5

No. 2 Equipped with soft brass inserts to prevent damaging thin wall gas or oil pipe.

No. 3 Same as No. 2 with a throat opening. Has brass insert.

Note: Working loads shown in table are based on slings using two pipe hooks.



COMBINATION CLAMP & THIMBLE

STOCK NUMBER	ROPE SIZE	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
CCT125	1/8"	0.2	300
CCT187	3/16"	0.3	600
CCT250	1/4"	0.5	1,000
CCT312	5/16"	0.7	1,600
CCT375	3/8"	1.8	2,200
CCT437	7/16"	2.3	3,000
CCT500	1/2"	3.5	4,000
CCT562	9/16"	3.5	5,000
CCT625	5/8"	5	6,000
CCT750	3/4"	10.5	8,800
CCT875	7/8"	14	12,000
CCT100	1"	19	15,500



COMBO CLAMP/ THIMBLE

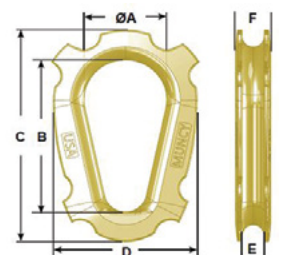
SLIP-THRU THIMBLE

STOCK NUMBER	SINGLE PART ROPE SIZE	A	B	C	D	E	F	G	WEIGHT/PIECE (LBS.)
ST-10	5/16"-3/8"	2 1/8"	4 1/8"	7/16"	13/16"	9/16"	3 1/4"	5 1/4"	1.3
ST-16	1/2"-9/16"	2 3/8"	4 3/8"	5/8"	1"	5/8"	4"	6"	1.5
ST-20	5/8"-3/4"	3 3/8"	6 5/8"	13/16"	1 5/16"	5/8"	5 3/8"	8 1/2"	3.4
ST-24	7/8"-1"	3 3/4"	7 1/8"	1 1/8"	1 5/8"	7/8"	6 1/4"	9 3/8"	5.5
ST-36	1 1/8"-1 1/4"	4 3/8"	8 3/8"	1 3/8"	1 7/8"	1"	7 1/8"	11"	8.6
ST-44	1 3/8"-1 1/2"	5"	9 1/2"	1 5/8"	2 1/8"	1 1/4"	8 1/8"	12 1/2"	10

Larger sizes available upon request.



SLIP THRU THIMBLE





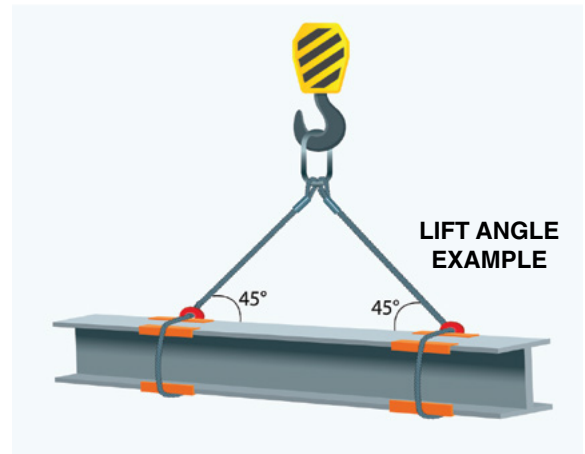
3 PART ROUND BRAID

DIAMETER OF INDIVIDUAL PARTS	ONE SLING 3 PARTS EIP	
	VERTICAL RATED LOAD (TONS)	FINISHED DIAMETER
1/4"	1.7	1/2"
5/16"	2.6	5/8"
3/8"	3.6	3/4"
7/16"	4.9	7/8"
1/2"	6.4	1"
9/16"	8	1 1/8"
5/8"	9.9	1 1/4"
3/4"	14	1 1/2"
7/8"	19	1 3/4"
1"	24.8	2"
1 1/8"	31.2	2 1/4"
1 1/4"	38.4	2 1/2"
1 3/8"	46	2 3/4"
1 1/2"	55	3"
1 5/8"	63.4	3 1/4"
1 3/4"	73	3 1/2"
2"	95	4"
2 1/4"	118	2 1/2"
2 1/2"	145	5"

HITCH



LIFT ANGLE



One Sling is a complete sling with 3 parts for flexibility.

6 PART ROUND BRAID

ROPE DIA.	SLING BODY DIAMETER			VERTICAL RATED CAPACITY (TONS)*						STANDARD EYE DIMENSION		THIMBLE	
	MIN. SLING LENGTH STANDARD EYE	BODY WIDTH	BODY THICKNESS	VERTICAL	CHOKER	BASKET**			WIDTH	LENGTH	SLIP THRU (IN.)	HEAVY DUTY (IN.)	
						BASKET	60°	45°					30°
3/32"	2' 0"	7/16"	1/4"	.42	.37	.84	.73	.59	.42	2"	4"	W-2	1/4"
1/8"	2' 0"	9/16"	3/8"	.84	.74	1.7	1.5	1.2	.84	3"	6"	W-2	5/16"
3/16"	3' 0"	13/16"	1/2"	1.6	1.4	3.2	2.8	2.3	1.6	4"	8"	W-3	1/2"
1/4"	3' 6"	1 1/8"	11/16"	2.9	2.5	5.7	4.9	4	2.9	5"	10"	W-4	5/8"
5/16"	4' 6"	1 3/8"	7/8"	4.4	3.9	8.9	7.7	6.3	4.4	6"	12"	W-4	3/4"
3/8"	5' 0"	1 11/16"	1"	6.3	5.5	13	11	9	6.3	7"	14"	W-5	7/8"
7/16"	6' 0"	2"	1 3/16"	8.6	7.5	17	15	12	8.6	8"	16"	W-5	1"
1/2"	6' 6"	2 1/4"	1 5/16"	11	9.8	22	19	16	11	9"	18"	W-6	1 1/8"
9/16"	7' 0"	2 1/2"	1 1/2"	14	12	28	24	20	14	10"	20"	W-6	1 3/8"
5/8"	8' 0"	2 13/16"	1 11/16"	17	15	35	30	24	17	11"	22"	W-7	1 1/2"
3/4"	9' 0"	3 3/8"	2"	25	22	49	43	35	25	12"	24"	W-8	1 5/8"
7/8"	10' 0"	4"	2 5/16"	33	29	67	58	47	33	14"	28"	W-9	2"
1"	11' 0"	4 1/2"	2 11/16"	43	38	87	75	61	43	16"	32"	W-10	-

Sling capacities for rope diameters 1/8" through 5/16" are based on 7X19 GAC.

*Rated capacities basket hitch based on D/d ratio of 25 times the component rope diameter. Rated capacities based on pin diameter no larger than the natural eye width or no less than the nominal sling diameter. Rated capacities based on design factor of 5.

** See Choker Hitch Rated Capacity Adjustment

Do not use with sling angles less than 30° degrees.

7 PART ROUND BRAID

ROPE DIAMETER	SLING BODY DIAMETER	VERTICAL RATED CAPACITY (TONS)*						STANDARD EYE DIMENSION	
		VERTICAL	CHOKER	BASKET	BASKET**			WIDTH	LENGTH
					60°	45°	30°		
* 1/8"	3/8"	1.2	1	2.4	2	1.6	1.2	3"	6"
* 3/16"	9/16"	2.4	2.1	4.8	4.2	3.4	2.4	4"	8"
* 1/4"	3/4"	4	3.5	8	6.9	5.7	4	5"	10"
* 5/16"	1"	5.6	4.9	11.2	9.7	8	5.6	6"	12"
3/8"	1 1/8"	8.7	7.6	17.4	15	12.3	8.7	7 1/2"	15"
7/16"	1 5/16"	11.7	10.3	23.4	20.3	46.5	11.7	9"	18"
1/2"	1 1/2"	15.3	13.4	30.6	26.5	21.6	15.3	10"	20"
9/16"	1 3/4"	19.3	16.9	38.6	33.4	27.3	19.3	12"	24"
5/8"	1 7/8"	23.7	20.7	47.4	41	33.5	23.7	12"	24"
3/4"	2 1/4"	33.8	29.5	67.5	58.5	47.7	33.8	15"	30"
7/8"	2 5/8"	45.7	40	91.4	79.2	64.6	45.7	17"	34"
1"	3"	59.4	52	118.7	102.8	81.9	59.4	20"	40"
1 1/8"	3 3/8"	75	65	149	129	105	75	22"	44"
1 1/4"	3 3/4"	92	80	184	159	130	92	25"	50"
1 3/8"	4 1/8"	110	96	220	190	156	110	27"	54"
1 1/2"	4 1/2"	131	115	262	227	185	131	30"	60"
1 3/4"	5 1/4"	176	154	351	304	248	176	35"	70"
2"	6"	227	199	455	394	321	227	40"	80"
2 1/4"	6 3/4"	284	248	567	491	401	284	45"	90"
2 1/2"	7 1/2"	347	303	693	600	490	347	50"	100"
2 3/4"	8 1/4"	414	363	828	717	585	414	55"	110"

8 PART BRAID

ROPE DIA.	MIN. SLING LENGTH STANDARD EYE	SLING DIA.	VERTICAL RATED CAPACITY (TONS)*						STANDARD EYE DIMENSION		THIMBLE	
			VERTICAL	CHOKER	BASKET	BASKET**			WIDTH	LENGTH	SLIP THRU (IN.)	HEAVY DUTY (IN.)
						60°	45°	30°				
3/32"	2' 0"	7/16"	.56	.49	1.1	.97	.79	.56	2"	4"	W-2	5/16"
1/8"	2' 0"	9/16"	1.1	1	2.2	1.9	1.6	1.1	3"	6"	W-2	3/8"
3/16"	3' 0"	13/16"	2.2	1.9	4.3	3.7	3	2.2	4"	8"	W-3	1/2"
1/4"	3' 6"	1 1/8"	3.8	3.3	7.6	6.6	5.4	3.8	5"	10"	W-4	3/4"
5/16"	4' 6"	1 3/8"	5.9	5.2	12	10	8.3	5.9	6"	12"	W-5	1"
3/8"	5' 0"	1 11/16"	8.5	7.4	17	15	12	8.5	7"	14"	W-5	1 1/8"
7/16"	6' 0"	2"	11	10	23	20	16	11	8"	16"	W-6	1 1/4"
1/2"	6' 6"	2 1/4"	15	13	30	26	21	15	9"	18"	W-7	1 3/8"
9/16"	7' 0"	2 1/2"	19	16	38	33	27	19	10"	20"	W-7	1 1/2"
5/8"	8' 0"	2 13/16"	23	20	46	40	33	23	11"	22"	W-8	1 3/4"
3/4"	9' 0"	3 3/8"	33	29	66	57	47	33	12"	24"	W-9	2"
7/8"	10' 0"	4"	45	39	89	77	63	45	14"	28"	W-10	-
1"	11' 0"	4 1/2"	58	51	116	100	82	58	16"	32"	W-10	-

Sling capacities for rope diameters 1/8" through 5/16" are based on 7X19 GAC.

*Rated capacities basket hitch based on D/d ratio of 25 times the component rope diameter. Rated capacities based on pin diameter no larger than the natural eye width or no less than the nominal sling diameter. Rated capacities based on design factor of 5.

** See Choker Hitch Rated Capacity Adjustment.

MALLEABLE & DROP-FORGED WIRE ROPE CLIPS



MALLEABLE

X100



DROP-FORGED

MALLEABLE, ZINC PLATED					DROP-FORGED, HOT GALVANIZED					
STOCK NUMBER	WEIGHT/ 100 PCS. (LBS.)	MIN. CLIPS REQ'D	TORQUE IN LBS. FT.*	TURN BACK LENGTH	STOCK NUMBER	WEIGHT/ 100 PCS. (LBS.)	MIN. CLIPS REQ'D	TORQUE IN LBS. FT.*	TURN BACK LENGTH	SIZE
MWRC062	3	3	2	3"	-	-	-	-	-	1/16"
MWRC125	4	3	3	4 3/4"	XDFWRC125	5	2	4.5	3 1/4"	1/8"
MWRC187	7	3	4.5	5 1/2"	XDFWRC187	10	2	7.5	3 3/4"	3/16"
MWRC250	14	3	15	7"	XDFWRC250	18	2	15	4 3/4"	1/4"
MWRC312	15	3	15	7 3/4"	XDFWRC312	31	2	30	5 1/4"	5/16"
MWRC375	21	3	30	9 1/2"	XDFWRC375	46	2	45	6 1/2"	3/8"
MWRC437	37	4	40	10 1/4"	XDFWRC437	73	3	65	7"	7/16"
MWRC500	38	4	45	15 1/4"	XDFWRC500	73	3	65	11 1/2"	1/2"
MWRC562	59	4	50	16"	XDFWRC562	96	3	95	12"	9/16"
MWRC625	59	4	75	16"	XDFWRC625	104	3	95	12"	5/8"
MWRC750	84	5	75	22 1/4"	XDFWRC750	150	4	130	18"	3/4"
MWRC875	125	5	130	23 1/2"	XDFWRC875	244	4	225	19"	7/8"
MWRC100	166	6	130	31"	XDFWRC100	270	5	225	26"	1"
MWRC1125	211	7	200	39 1/2"	XDFWRC1125	310	6	225	34"	1 1/8"
-	-	-	-	-	XDFWRC1250	460	7	360	44"	1 1/4"
-	-	-	-	-	XDFWRC1375	520	7	360	44"	1 3/8"
-	-	-	-	-	XDFWRC1500	590	8	360	54"	1 1/2"
-	-	-	-	-	XDFWRC1750	980	8	590	58"	1 3/4"

*Torque values shown are based on clean, unlubricated threads. Wire rope clips are not designed for load carrying purposes, therefore working load limits have not been established.

Note: Malleable Wire Rope Clips made according to Federal Specification FF-C-450 D, Type 1, Class 2. Forged Wire Rope Clips made according to Federal Specification FF-C-450 D, Type 1, Class 1.

All parts are Hot Dip Galvanized. The U Bolt is Hot Dip Galvanized, then Powder Coated.

METHODS OF APPLICATION:

1. Turn back the specified amount of rope from the thimble. Apply the first clip one base width from the dead end of the wire rope.



2. Apply the next clip as near the loop as possible. Turn on the nuts but do not tighten.



3. Space additional clips equally between the first two. Take up rope slack. Tighten all nuts evenly on all clips.



STAINLESS STEEL



DOUBLE GRIP

316 STAINLESS STEEL

STOCK NUMBER	SIZE	WT./ 100 PCS.	MIN. CLIPS REQ'D	TURN BACK LENGTH
SWRC062	1/16"	2	2	2 1/2"
SWRC125	1/8"	5	2	3 1/4"
SWRC187	3/16"	11	3	3 3/4"
SWRC250	1/4"	19	3	4 3/4"
SWRC312	5/16"	30	3	5 1/4"
SWRC375	3/8"	46	3	6 1/2"
SWRC500	1/2"	68	3	11 1/2"
SWRC625	5/8"	92	3	12"
SWRC750	3/4"	104	4	18"
SWRC875	7/8"	168	4	19"
SWRC100	1"	186	5	26"

DOUBLE GRIP - HOT GALVANIZED

STOCK NUMBER	SIZE	WT./ 100 PCS.	MIN. CLIPS REQ'D	TURN BACK LENGTH
FIST250	1/4"	18.5	2	4"
FIST312	5/16"	28	2	5"
FIST375	3/8"	40	2	5 1/2"
FIST437	7/16"	70	2	6 1/2"
FIST500	1/2"	75	3	11"
FIST562	9/16"	100	3	12 3/4"
FIST625	5/8"	100	3	13 1/2"
FIST750	3/4"	175	3	16"

WIRE ROPE THIMBLES

STANDARD DUTY AND HEAVY DUTY

STANDARD DUTY ZINC PLATED		HEAVY DUTY HOT DIP GALVANIZED		SIZE
STOCK NUMBER	WT./100 PCS. (LBS.)	STOCK NUMBER	WT./100 PCS. (LBS.)	
TSD125	2	THD125	-	1/8"
TSD187	2.7	THD187	-	3/16"
TSD250	2.8	THD250	7.5	1/4"
TSD312	3.6	THD312	14	5/16"
TSD375	5.8	THD375	25	3/8"
-	-	THD437	36	7/16"
TSD500	13	THD500-562	51	1/2"
TSD625	36	THD625	75	5/8"
TSD750	50	THD750	147	3/4"
TSD875	85	THD875	185	7/8"
TSD100	104	THD100	300	1"
TSD1125-1250	175	THD1125-1250	380	1 1/8"-1 1/4"
-	-	THD1250-1375	860	1 1/4"-1 3/8"
-	-	THD1375-1500	1,100	1 3/8"-1 1/2"
-	-	THD1625	1,180	1 5/8"
-	-	THD1750	1,790	1 3/4"

Note: Standard Duty - According to Federal Specification FF-276b, Type 11.

Note: Heavy Duty - According to Federal Specification FF-276b, Type 111.



STANDARD DUTY



HEAVY DUTY

STAINLESS STEEL WIRE ROPE THIMBLES

**STANDARD DUTY & HEAVY DUTY
TYPE 316**

SS STANDARD DUTY		SS HEAVY DUTY		SIZE
STOCK NUMBER	WT./100 PCS. (LBS.)	STOCK NUMBER	WT./100 PCS. (LBS.)	
STH062SD	1	-	-	1/16"
STH093SD	2	-	-	3/32"
STH125SD	2	-	-	1/8"
STH187SD	2	-	-	3/16"
STH250SD	3	STH250HD	6	1/4"
STH312SD	4	STH312HD	9	5/16"
STH375SD	6	STH375HD	16	3/8"
STH500SD	9	STH500HD	25	1/2"
STH625SD	18	STH625HD	66	5/8"
STH750SD	28	STH750HD	125	3/4"
STH100SD	46	STH100HD	225	1"
-	-	STH1250HD	336	1 1/4"

Note: Standard Duty - According to Federal Specification FF-276b, Type 11.

Note: Heavy Duty - According to Federal Specification FF-276b, Type 111.



**STAINLESS STEEL
STANDARD DUTY**



**STAINLESS STEEL
HEAVY DUTY**

SLEEVES - SWAGE FITTINGS

ALUMINUM & COPPER

ALUMINUM (HOUR GLASS SHAPE)		COPPER (HOUR GLASS SHAPE)		CABLE SIZE	CRIMPS/ SLEEVE
STOCK NUMBER	WT./100 PCS. (LBS.)	STOCK NUMBER	WT./100 PCS. (LBS.)		
ASL062	.10	CSL062	.29	1/16"	2
ASL093	.32	CSL093	.60	3/32"	2
ASL125	.66	CSL125	1.62	1/8"	3
ASL156	.80	CSL156	2.28	5/32"	3
ASL187	1.52	CSL187	5.20	3/16"	4
ASL218	2.22	CSL218	4.55	7/32"	4
ASL250	2.52	CSL250	7.85	1/4"	4
ASL312	4.35	CSL312	11.86	5/16"	5
ASL375	5.82	CSL375	15.8	3/8"	5
ASL437	11.8	-	-	7/16"	5

Note Packaging: 100 pieces or 1,000 pieces per carton.

SLEEVES - SWAGE FITTINGS

ZINC PLATED COPPER & STAINLESS STEEL

ZINC PLATED COPPER (HOUR GLASS SHAPE)		STAINLESS STEEL (OVAL SHAPE)		CABLE SIZE	CRIMPS/ SLEEVE
STOCK NUMBER	WT./100 PCS. (LBS.)	STOCK NUMBER	WT./100 PCS. (LBS.)		
CSL062ZP	.30	SSSL062	.18	1/16"	2
CSL093ZP	.50	SSSL093	.20	3/32"	2
CSL125ZP	1.60	SSSL125	.40	1/8"	3
CSL156ZP	2.20	-	-	5/32"	3
CSL187ZP	5.10	SSSL187	1.70	3/16"	4
CSL218ZP	4.40	-	-	7/32"	4
CSL250ZP	7.80	SSSL250	4.50	1/4"	4
CSL312ZP	11.50	SSSL312	-	5/16"	5
CSL375ZP	14.60	SSSL375	-	3/8"	5

Note Packaging: 100 pieces or 1,000 pieces per carton.

Note: Stainless steel needs hydraulics.

STOPS - SWAGE FITTINGS

ALUMINUM & COPPER

ALUMINUM		COPPER		CABLE SIZE	AFTER SWAGE DIMENSIONS
STOCK NUMBER	WT./100 PCS. (LBS.)	STOCK NUMBER	WT./100 PCS. (LBS.)		
AST062	.06	CST062	.49	1/16"	0.185"
AST093	.25	CST093	.78	3/32"	0.265"
AST125	.21	CST125	.90	1/8"	0.265"
AST156	.37	CST156	1.20	5/32"	0.350"
AST187	.35	CST187	1.06	3/16"	0.350"
AST218	.63	CST218	1.86	7/32"	0.350"
AST250	2.1	CST250	5.1	1/4"	0.460"
AST312	2.2	CST312	5.2	5/16"	0.460"
AST375	2.2	CST375	6.1	3/8"	

Note Packaging: 100 pieces or 1,000 pieces per carton.



ALUMINUM SLEEVES



PLAIN COPPER SLEEVES



ZINC PLATED COPPER SLEEVES



STAINLESS STEEL



ALUMINUM STOPS



COPPER STOPS

CABLE AND WIRE ROPE CUTTERS

MODEL	CABLE SIZE	CASE PACK	TYPE	LENGTH	WEIGHT (LBS.)
CUTTER187	1/64" - 3/16"	1	One Hand	8"	0.62
CUTTER500	1/4" - 1/2"	1	Two Hand	18"	8
CUTTER625	3/8" - 5/8"	1	Two Hand	24"	12

Note: Cable cutters are sharp tools. Use cable cutters with extreme caution. Only use the cable cutters to cut steel cable and wire rope.



CUTTER 187



CUTTER 500, 625

SWAGING TOOLS

MODEL	CABLE SIZE	NUMBER OF CAVITIES	TYPE	LENGTH	WEIGHT (LBS.)
HSC350	1/6", 3/32", 1/8"	3	Two Hand	14"	5.5
HSC-600	1/16" through 3/16"	5	Two Hand	26"	6.5
HSC-600BENCH	1/16" through 3/16"	5	Bench Mounted	22.5"	6.6
SWAGE250-312	1/4", 5/32", 5/16"	3	Two Hand	30"	10
SWAGE375	3/8"	1	Two Hand	36"	13.5

Note: Always follow swaging instructions provided with the tools. Use a gauge to check that the sleeves have been fully swaged. Properly swaged aluminum and copper sleeves will develop the rated breaking strength of the cable.



HSC-600



SWAGE 250-312



SWAGE 375



HSC-600 BENCH

CHAIN AND BOLT CUTTERS

MODEL	MAXIMUM CHAIN SIZE	LENGTH	WEIGHT (LBS.)
CUTTERCH375	3/8" G-70	30"	9
CUTTERCH500	1/2" G-43	36"	11
CUTTERCH625	1/2" G-70	42"	13

CABLE AND WIRE ROPE MEASURING METER

MODEL	CABLE SIZE	STOCK NUMBER	MAX LENGTH (FT.)	WEIGHT (LBS.)
#1410	1/16" - 1"	Call For Part Number	9,999	5



BOLT CUTTERS

TURNBUCKLES

HOT GALVANIZED - DROP FORGED

SIZE	OVERALL CLOSED LENGTH	APPROXIMATE WEIGHT/PIECE (LBS.)			WORKING LOAD LIMIT (LBS.)	
		EYES &/OR HOOKS	EYE & JAW	JAW & JAW	HOOK & HOOK EYE & HOOK	EYE & EYE EYE & JAW JAW & JAW
1/4" X 4"	8.1"	.30	.30	.40	400	500
5/16" X 4 1/2"	9.5"	.53	.53	.58	700	800
3/8" X 6"	11.8"	.75	.82	.93	1,000	1,200
1/2" X 6"	13.5"	1.50	1.62	1.68	1,500	2,200
1/2" X 9"	16.5"	1.75	1.82	1.85	1,500	2,200
1/2" X 12"	19.5"	2.18	2.19	2.20	1,500	2,200
5/8" X 6"	15.5"	2.63	2.59	2.82	2,250	3,500
5/8" X 9"	18.3"	3.00	3.01	3.25	2,250	3,500
5/8" X 12"	21.3"	3.25	3.50	3.75	2,250	3,500
3/4" X 6"	17.1"	3.75	4.25	4.68	3,000	5,200
3/4" X 9"	20.1"	4.50	5.0	5.38	3,000	5,200
3/4" X 12"	23.1"	5.75	5.75	6.12	3,000	5,200
3/4" X 18"	29.1"	7.0	7.25	7.75	3,000	5,200
7/8" X 12"	24.6"	8.38	8.88	9.36	4,000	7,200
7/8" X 18"	30.6"	10.25	10.6	11.44	4,000	7,200
1" X 6"	21.0"	9.04	9.50	10.2	5,000	10,000
1" X 12"	26.9"	11.25	12.0	12.88	5,000	10,000
1" X 18"	32.9"	14.0	14.75	16.1	5,000	10,000
1" X 24"	39.1"	17.0	17.75	18.6	5,000	10,000
1 1/4" X 12"	30.1"	19.0	21.2	23.6	6,500	15,200
1 1/4" X 18"	36.1"	24.1	26.0	26.6	6,500	15,200
1 1/4" X 24"	42.1"	25.0	28.7	31.2	6,500	15,200
1 1/2" X 12"	32.3"	27.0	31.1	35.5	7,500	21,400
1 1/2" X 18"	38.3"	31.2	36.4	40.7	7,500	21,400
1 1/2" X 24"	44.3"	38.2	44.2	47.6	7,500	21,400
2" X 24"	51.7"	85.3	89	95.25	-	37,000

According to Federal Specification FF-T-791b.



EYE & EYE



EYE & HOOK



HOOK & HOOK



EYE & JAW



JAW & JAW

TURNBUCKLES - STUB END

SELF COLORED

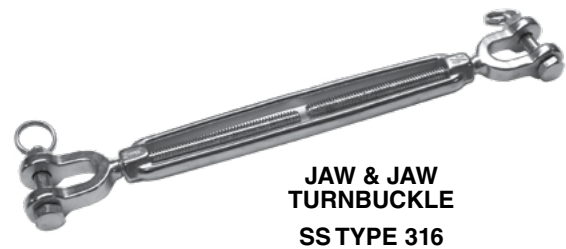
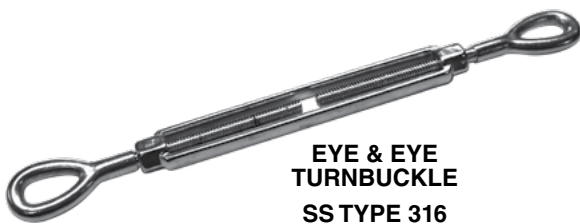
SIZE	OVERALL CLOSED LENGTH	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
3/8" X 6"	16"	.75	1,200
1/2" X 6"	16"	1.25	2,200
5/8" X 6"	16"	2.11	3,500
3/4" X 6"	17"	3.25	5,200
7/8" X 6"	18"	4.78	7,200
1" X 6"	19"	6.36	10,000
1 1/4" X 6"	20"	10.4	15,200
1 1/2" X 6"	20.5"	15.4	21,400



STAINLESS STEEL TURNBUCKLES

TYPE 316

STOCK NUMBER		SIZE	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
EYE & EYE	JAW & JAW			
SSTB250EE	SSTB250JJ	1/4" x 4"	0.20	500
SSTB312EE	SSTB312JJ	5/16" x 4 1/2"	0.37	800
SSTB375EE	SSTB375JJ	3/8" x 6"	0.75	1,200
SSTB500EE	SSTB500JJ	1/2" x 6"	1.50	2,200
SSTB625EE	SSTB625JJ	5/8" x 6"	2.63	3,500
SSTB750EE	SSTB750JJ	3/4" x 6"	3.75	5,200
SSTB100X6EE	SSTB100X6JJ	1" x 6"	8.5	10,000
SSTB100EE	SSTB100JJ	1" x 12"	11.5	10,000
SSTB1250EE	SSTB1250JJ	1 1/4" x 12"	21.5	15,200



STOCK NUMBER GUIDE

EYE & EYE	EYE & HOOK	HOOK & HOOK	EYE & JAW	JAW & JAW	STUB END
TBEE(size)	TBEH(size)	TBHH(size)	TBEJ(size)	TBJJ(size)	TBSS(size)

EYE BOLTS - HOT GALVANIZED, DROP FORGED

STOCK NUMBER		SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)	
REGULAR	SHOULDER			REGULAR	SHOULDER
EB250X2P	EB250X2S	1/4" X 2"	500	0.07	0.06
EB250X4P	EB250X4S	1/4" X 4"	500	0.12	0.09
EB312X225P	EB312X225S	5/16" X 2-1/4"	800	0.13	0.11
EB312X425P	EB312X425S	5/16" X 4-1/4"	800	0.20	0.15
EB375X250P	EB375X250S	3/8" X 2-1/2"	1,200	0.24	0.19
EB375X450P	EB375X450S	3/8" X 4-1/2"	1,200	0.31	0.25
EB375X6P	EB375X6S	3/8" X 6"	1,200	0.35	0.32
EB375X8P	EB375X8S	3/8" X 8"	1,200	0.40	0.38
EB500X325P	EB500X325S	1/2" X 3-1/4"	2,200	0.55	0.51
EB500X6P	EB500X6S	1/2" X 6"	2,200	0.62	0.59
EB500X8P	EB500X8S	1/2" X 8"	2,200	0.78	-
EB500X10P	EB500X10S	1/2" X 10"	2,200	0.88	-
EB500X12P	EB500X12S	1/2" X 12"	2,200	1.05	-
EB500X18P	EB500X18S	1/2" X 18"	2,200	1.25	-
EB625X4P	EB625X4S	5/8" X 4"	3,500	1.01	0.83
EB625X6P	EB625X6S	5/8" X 6"	3,500	1.24	1.00
EB625X8P	EB625X8S	5/8" X 8"	3,500	1.31	-
EB625X10P	EB625X10S	5/8" X 10"	3,500	1.60	-
EB625X12P	EB625X12S	5/8" X 12"	3,500	1.86	-
EB625X15P	-	5/8" X 15"	3,500	2.10	-
EB625X18P	-	5/8" X 18"	3,500	2.40	-
EB625X21P	-	5/8" X 21"	3,500	2.65	-
EB625X24P	-	5/8" X 24"	3,500	3.25	-
EB750X450P	EB750X450S	3/4" X 4-1/2"	5,200	1.61	1.5
EB750X6P	EB750X6S	3/4" X 6"	5,200	1.84	1.7
EB750X8P	EB750X8S	3/4" X 8"	5,200	2.08	-
EB750X10P	EB750X10S	3/4" X 10"	5,200	2.30	-
EB750X12P	EB750X12S	3/4" X 12"	5,200	2.52	-
EB750X15P	EB750X15S	3/4" X 15"	5,200	2.70	-
EB875X5P	EB875X5S	7/8" X 5"	7,200	2.50	-
EB875X6P	EB875X6S	7/8" X 6"	7,200	2.84	-
EB875X8P	EB875X8S	7/8" X 8"	7,200	3.20	-
EB875X12P	EB875X12S	7/8" X 12"	7,200	3.87	-
EB100X6P	EB100X6S	1" X 6"	10,000	3.85	3.75
EB100X9P	EB100X9S	1" X 9"	10,000	4.52	4.29
EB100X12P	EB100X12S	1" X 12"	10,000	5.26	-
EB100X18P	-	1" X 18"	10,000	6.67	-



Note: Ultimate Load is 5 times the Working Load Limit. Working Load Limit applies to straight line pull only. Angle pulls can only be used with shoulder eye bolts and the Working Load Limit is reduced: 45° pull - 30% of WLL, 90° pull - 25% of WLL.

EYE NUTS - HOT GALVANIZED, DROP FORGED

STOCK NUMBER	STANDARD TAP SIZE	STANDARD BAIL SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
EN250HDG	1/4"	1/4"	520	0.09
EN312HDG	5/16"	1/4"	700	0.10
EN375HDG	3/8"	5/16"	1,250	0.15
EN500HDG	1/2"	3/8"	2,250	0.28
EN625HDG	5/8"	1/2"	3,600	0.55
EN750HDG	3/4"	5/8"	5,200	1.00
EN875HDG	7/8"	3/4"	7,200	1.50
EN100HDG	1"	7/8"	10,000	2.45



EYE NUT

FORGED SHOULDER PATTERN LAG SCREW EYE BOLTS

GALVANIZED

STOCK NUMBER	SIZE	WORKING LOAD LIMIT(LBS.)	WEIGHT/PIECE (LBS.)
SCEB250X200	1/4" X 2"	500	0.04
SCEB312X225	5/16" X 2 1/4"	800	0.06
SCEB375X250	3/8" X 2 1/2"	1,200	0.18
SCEB500X325	1/2" X 3 1/4"	2,200	0.37
SCEB625X400	5/8" X 4"	3,500	0.84
SCEB750X450	3/4" X 4 1/2"	5,200	1.27

Not rated for overhead lifting.



SHOULDER PATTERN LAG SCREW EYE BOLT





**SHOULDER PATTERN
MACHINERY EYE
BOLT**

FORGED MACHINERY EYE BOLTS - SHOULDER PATTERN

SELF COLORED

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
MEB250X100S	1/4" X 1"	650	0.05
MEB312X1125S	5/16" X 1 1/8"	1,200	0.08
MEB375X750S	3/8" X 3/4"	1,550	0.15
MEB375X1250S	3/8" X 1 1/4"	1,550	0.15
MEB500X1500S	1/2" X 1 1/2"	2,600	0.35
MEB625X1750S	5/8" X 1 3/4"	5,200	0.65
MEB750X200S	3/4" X 2"	7,200	1.00
MEB875X2250S	7/8" X 2 1/4"	10,600	1.53
MEB100X2500S	1" X 2 1/2"	13,300	2.30
MEB1250X300S	1 1/4" X 3"	21,000	3.80
MEB1500X3500S	1 1/2" X 3 1/2"	24,000	7.00

IMPORTANT SAFETY INFORMATION:

DIRECTION OF PULL (FROM IN-LINE)	ADJUSTED WORKING LOAD
45 degrees	30% of rated working load
90 degrees	25% of rated working load

Warning: The full ratings of machinery eye bolts can only be achieved by pulling directly in line with the threads. For angled lifts, we recommend swivel hoist rings.



**SWIVEL HOIST RING
MACHINED**



**SWIVEL HOIST RING
FORGED**

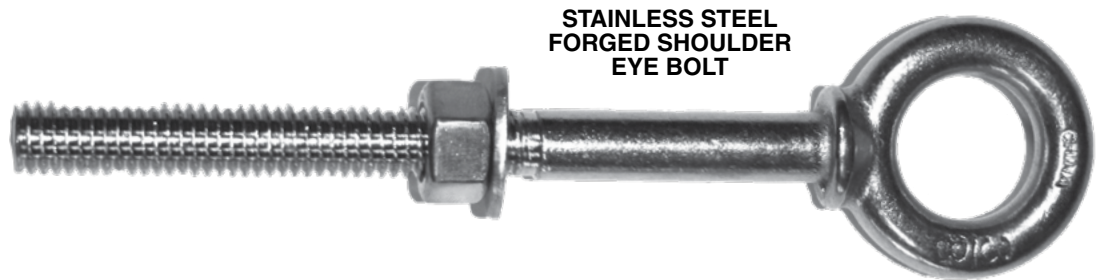
Call with requirements for availability.



STAINLESS STEEL EYE BOLTS

WITH NUT AND WASHER

STOCK NUMBER			SIZE	WORKING LOAD LIMIT (LBS.)			WEIGHT/PIECE (LBS.)		
WELDED	SHOULDER	FORGED SHOULDER		WELDED	SHOULDER	FORGED SHOULDER	WELDED	SHOULDER	FORGED SHOULDER
SEB250X150W	SEB250X150S	SEB250X150F	1/4" x 1 1/2"	200	400	400	0.03	0.03	0.03
SEB250X225W	SEB250X225S	SEB250X225F	1/4 x 2 1/4"	200	400	400	0.05	0.05	0.05
SEB250X300W	SEB250X300S	SEB250X300F	1/4" x 3"	200	400	400	0.06	0.06	0.06
SEB312X225W	SEB312X225S	SEB312X225F	5/16" x 2 1/4"	350	800	800	0.10	0.10	0.10
SEB312X300W	SEB312X300S	SEB312X300F	5/16" x 3"	350	800	800	0.13	0.13	0.13
SEB312X400W	SEB312X400S	SEB312X400F	5/16" x 4"	350	800	800	0.15	0.15	0.15
SEB312X450W	SEB312X450S	SEB312X450F	5/16" x 4 1/2"	350	800	800	0.17	0.17	0.17
SEB375X125W	SEB375X125S	SEB375X125F	3/8" x 1 1/4"	600	1,350	1,350	0.16	0.16	0.16
SEB375X300W	SEB375X300S	SEB375X300F	3/8" x 3"	600	1,350	1,350	0.22	0.22	0.22
SEB375X400W	SEB375X400S	SEB375X400F	3/8" x 4"	600	1,350	1,350	0.25	0.25	0.25
SEB375X450W	SEB375X450S	SEB375X450F	3/8" x 4 1/2"	600	1,350	1,350	0.28	0.28	0.28
SEB500X400W	SEB500X400S	SEB500X400F	1/2" x 4"	1,000	2,100	2,100	0.40	0.40	0.40
SEB500X450W	SEB500X450S	SEB500X450F	1/2" x 4 1/2"	1,000	2,100	2,100	0.45	0.45	0.45
-	SEB625X600S	SEB625X600F	5/8" x 6"	-	3,800	3,800	-	1.10	1.10
-	SEB750X600S	SEB750X600F	3/4" x 6"	-	6,200	6,200	-	1.60	1.60



STAINLESS STEEL FORGED SHOULDER EYE BOLT

STAINLESS STEEL LIFTING EYE BOLTS - UNC THREAD

TYPE 316

STOCK NUMBER	SIZE	SHANK LENGTH	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SLEB250	1/4"	9/16"	400	0.05
SLEB312	5/16"	9/16"	800	0.07
SLEB375	3/8"	11/16"	1,320	0.13
SLEB500	1/2"	7/8"	2,100	0.30
SLEB625	5/8"	1 1/16"	3,900	0.45
SLEB750	3/4"	1 1/8"	6,300	0.79
SLEB100	1"	1 3/8"	9,500	1.65



STAINLESS STEEL WELDED EYE BOLT



STAINLESS STEEL FABRICATED SHOULDER EYE BOLT

STAINLESS STEEL LIFTING EYE NUTS - UNC THREAD

TYPE 316

STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SSEN250	1/4"	400	0.05
SSEN312	5/16"	800	0.07
SSEN375	3/8"	1,320	0.14
SSEN500	1/2"	2,100	0.30
SSEN625	5/8"	3,900	0.45
SSEN750	3/4"	6,300	0.80
SSEN100	1"	9,500	1.65



STAINLESS STEEL LIFTING EYE BOLT



STAINLESS STEEL LIFTING EYE NUT

MANILA ROPE

3 STRAND, TWISTED MANILA ROPE



MANILA

STOCK NUMBER	ROPE SIZE DIAMETER	COIL LENGTH	COLOR	WORKING LOAD LIMIT (LBS.)	MINIMUM BREAKING STRENGTH (LBS.)
MAN250X1250	1/4"	1250'	Natural	108	540
MAN250X600	1/4"	600'	Natural	108	540
MAN312X600	5/16"	600'	Natural	180	900
MAN375X600	3/8"	600'	Natural	243	1,215
MAN500X600	1/2"	600'	Natural	477	2,385
MAN625X600	5/8"	600'	Natural	792	3,960
MAN750X600	3/4"	600'	Natural	972	4,860
MAN875X600	7/8"	600'	Natural	1,386	6,930
MAN100X600	1"	600'	Natural	1,620	8,100

POLYPROPYLENE ROPE

3 STRAND, TWISTED YELLOW ROPE



POLYPROPYLENE

STOCK NUMBER	ROPE SIZE DIAMETER	REEL LENGTH	COLOR	WORKING LOAD LIMIT (LBS.)	MINIMUM BREAKING STRENGTH (LBS.)
POLY187X1200	3/16"	1200'	Yellow	144	720
POLY250X1200	1/4"	1200'	Yellow	226	1,130
POLY250X600	1/4"	600'	Yellow	226	1,130
POLY312X600	5/16"	600'	Yellow	342	1,710
POLY375X600	3/8"	600'	Yellow	486	2,430
POLY500X600	1/2"	600'	Yellow	756	3,780
POLY625X600	5/8"	600'	Yellow	1,116	5,580
POLY750X600	3/4"	600'	Yellow	1,530	7,650
POLY875X600	7/8"	600'	Yellow	2,080	10,400
POLY100X600	1"	600'	Yellow	2,565	12,825

NYLON ROPE

3 STRAND, TWISTED WHITE ROPE



NYLON

STOCK NUMBER	ROPE SIZE DIAMETER	REEL LENGTH	COLOR	WORKING LOAD LIMIT (lbs.)	MINIMUM BREAKING STRENGTH (lbs.)
NYLON187X600	3/16"	600'	White	200	1,000
NYLON250X600	1/4"	600'	White	330	1,650
NYLON312X600	5/16"	600'	White	510	2,550
NYLON375X600	3/8"	600'	White	740	3,700
NYLON500X600	1/2"	600'	White	1,280	6,400
NYLON625X600	5/8"	600'	White	2,080	10,400
NYLON750X600	3/4"	600'	White	2,840	14,200
NYLON875X600	7/8"	600'	White	4,000	20,000
NYLON100X600	1"	600'	White	5,000	25,000

POLYDAC

3 STRAND, TWISTED ROPE



POLYDAC

STOCK NUMBER	ROPE SIZE DIAMETER	REEL LENGTH	COLOR	WORKING LOAD LIMIT (lbs.)	MINIMUM BREAKING STRENGTH (lbs.)
POLYDAC250X600	1/4"	600'	White with color strand	300	1,500
POLYDAC312X600	5/16"	600'	White with color strand	420	2,100
POLYDAC375X600	3/8"	600'	White with color strand	540	2,700
POLYDAC500X600	1/2"	600'	White with color strand	880	4,400
POLYDAC625X600	5/8"	600'	White with color strand	1,220	6,100
POLYDAC750X600	3/4"	600'	White with color strand	1,680	8,400
POLYDAC875X600	7/8"	600'	White with color strand	2,220	11,100
POLYDAC100X600	1"	600'	White with color strand	2,635	13,175

UHMWPE 12-STRAND ROPE



STOCK NUMBER	ROPE SIZE DIAMETER	DESCRIPTION	REEL LENGTH	COLOR	WORKING LOAD LIMIT (LBS.)	MINIMUM BREAKING STRENGTH (LBS.)
UHM250	1/4"	UHMWPE 12 Strand Rope	600'	Purple	1,600	8,000
UHM375	3/8"	UHMWPE 12 Strand Rope	600'	Purple	3,500	17,500
UHM500	1/2"	UHMWPE 12 Strand Rope	600'	Purple	6,200	31,000
UHM625	5/8"	UHMWPE 12 Strand Rope	600'	Purple	10,200	51,000
UHM750	3/4"	UHMWPE 12 Strand Rope	600'	Purple	13,700	68,500
UHM875	7/8"	UHMWPE 12 Strand Rope	600'	Purple	18,500	92,500
UHM100	1"	UHMWPE 12 Strand Rope	600'	Purple	22,000	110,000
UHM1125	1-1/8"	UHMWPE 12 Strand Rope	600'	Purple	29,400	147,000
UHM1250	1-1/4"	UHMWPE 12 Strand Rope	600'	Purple	33,000	165,000
UHM1500	1-1/2"	UHMWPE 12 Strand Rope	600'	Purple	44,200	221,000
UHM1750	1-3/4"	UHMWPE 12 Strand Rope	600'	Purple	62,000	310,000
UHM200	2"	UHMWPE 12 Strand Rope	600'	Purple	71,000	355,000

APPLICATIONS

- Electric
- Vessel mooring
- Towing and tug line
- Hoisting and lifting

FEATURES

- High performance & light weight
- Low kinetic energy for safety
- No water absorption
- Good UV resistance
- Great abrasion resistance
- Melting point: 150C



UHMWPE SLING CAPACITIES

ROPE SIZE DIAMETER	WORKING LOAD LIMIT (LBS.)		
	VERTICAL	CHOKER	BASKET
1/4"	1,600	1,200	3,200
3/8"	3,500	2,800	7,000
1/2"	6,200	5,000	12,400
5/8"	10,200	8,200	20,400
3/4"	13,700	10,900	27,400
7/8"	18,500	14,800	37,000
1"	22,000	17,600	44,000
1-1/8"	29,400	23,500	58,800
1-1/4"	33,000	26,400	66,000
1-1/2"	44,200	35,300	88,400
1-3/4"	62,000	50,000	124,000
2"	71,000	56,000	142,000

APPLICATIONS

- Replacement for wire rope
- Vessel mooring lines
- Inland river barge lines
- Lifting slings
- Recreational vehicle winch lines
- Utility winch and pulling lines
- Theatrical rigging



TAGLINE - Call with diameter and length requirements.



GIN BLOCK
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GALVANIZED YARDING BLOCK
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SNATCH BLOCK WITH HOOK OR SHACKLE
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TAIL BOARD BLOCK
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LIGHT DUTY RIGGING BLOCK
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STAINLESS STEEL #210 SWIVEL BLOCK
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STAINLESS STEEL #211 SNATCH BLOCK
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STAINLESS STEEL #212 OPEN SEINE BLOCK
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STAINLESS STEEL #313 SQUARE SWIVEL BLOCK
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STAINLESS STEEL #314 ROUND SWIVEL BLOCK
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STAINLESS STEEL #315 ROUND SWIVEL BLOCK
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GIN BLOCK

FOR MANILA ROPE - PAINTED, BRONZE BUSHING

STOCK NUMBER	SHEAVE DIMENSIONS		MANILA ROPE SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
	OUTSIDE DIAMETER	RIM THICKNESS			
BLOCKGIN	12"	1 3/8"	7/8" - 1"	1,000	15

Note: For light hoisting by roofers and contractors.



GIN BLOCK

GALVANIZED YARDING BLOCK

WITH SHACKLE & PIN (GREASE FITTING)

STOCK NUMBER	SHEAVE SIZE	CABLE SIZE	WORKING LOAD LIMIT (TONS)	WEIGHT (LBS.)
BLOCK1.5TYARD	3"	1/4"	1.5	3.6
BLOCK3TYARD	4"	3/8"	3.0	5.8
BLOCK4.5TYARD	5"	1/2"	4.5	9.0
BLOCK6TYARD	6"	5/8"	6.0	15.0



GALVANIZED YARDING BLOCK

SNATCH BLOCK WITH HOOK OR SHACKLE

STOCK NUMBER	SHEAVE SIZE	WIRE ROPE	WORKING LOAD LIMIT (TONS)	WEIGHT (LBS.)
BLOCK2TSNCH	3"	3/8"	2.0	5.0
BLOCK4TSNCH	4 1/2"	1/2"	4.0	12.0
BLOCK8T6SNCH	6"	3/4"	8.0	28.0
BLOCK8T8SNCH	8"	3/4"	8.0	34.0
BLOCK8T10SNCH	10"	3/4"	8.0	46.0
BLOCK12T8SNCH	8"	3/4 - 7/8"	12.0	53.0
BLOCK12T10SNCH	10"	3/4 - 7/8"	12.0	61.0
BLOCK20TSNCH	10"	1 1/8"	20.0	118.0



SNATCH BLOCK WITH SHACKLE OR HOOK

TAIL BOARD BLOCK

FOR WIRE ROPE - PAINTED, BRONZE BUSHING

STOCK NUMBER	SHEAVE SIZE	WIRE ROPE	WORKING LOAD LIMIT (TONS)	WEIGHT (LBS.)
BLOCK2TTAIL	3"	3/8"	2	3
BLOCK4TTAIL	4 1/2"	1/2"	4	7
BLOCK8T6TAIL	6"	3/4"	8	15
BLOCK8T8TAIL	8"	3/4"	8	21
BLOCK8T20TAIL	8"	1" - 1 1/8"	20	46
BLOCK8T10TAIL	10"	3/4"	8	29



TAIL BOARD BLOCK

LIGHT DUTY RIGGING BLOCK

STAMPED STEEL SIDE PLATES

STOCK NUMBER	SHEAVE SIZE	CABLE SIZE	WORKING LOAD LIMIT (TONS)	WEIGHT (LBS.)
BLOCK1TRIG3	3"	3/8"	1.0	2.60
BLOCK1TRIG4	4"	3/8"	1.0	5.00



LIGHT DUTY RIGGING BLOCK

HAY FORK PULLEY

GALVANIZED

STOCK NUMBER	SHEAVE DIAMETER	ROPE SIZE	WORKING LOAD LIMIT (TONS)	WEIGHT (LBS.)
BLOCK1THFROPE	4"	1 1/4" MR	1.0	6.38
BLOCK1THFWR	4"	1/2" WR	1.0	6.29
BLOCK2THRROPE	6"	1 1/2" MR	2.0	14.63
BLOCK2THFWR	6"	5/8" WR	2.0	13.42



HAY FORK PULLEY

MR - Manila Rope WR - Wire Rope



DOUBLE LOOP CHAIN

STOCK NUMBER BRIGHT ZINC	CHAIN TYPE	SIZE	MATERIAL DIAMETER	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
DL1/0ZP	Double Loop	1/0	0.120"	0.13	200
DL2/0ZP	Double Loop	2/0	0.135"	0.17	255
DL3/0ZP	Double Loop	3/0	0.148"	0.20	305
DL#1ZP	Double Loop	#1	0.105"	0.10	155
DL#2ZP	Double Loop	#2	0.092"	0.08	115
DL#3ZP	Double Loop	#3	0.080"	0.06	90
DL#4ZP	Double Loop	#4	0.072"	0.04	70

DOUBLE LOOP CHAIN



SINGLE JACK CHAIN

STOCK NUMBER BRIGHT ZINC	CHAIN TYPE	SIZE	MATERIAL DIAMETER	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
SJ8ZPX100	Single Jack	#8	0.162"	0.21	60
SJ10ZPX100	Single Jack	#10	0.135"	0.15	43
SJ12ZPX100	Single Jack	#12	0.105"	0.09	29
SJ14ZPX100	Single Jack	#14	0.080"	0.05	16
SJ16ZPX100	Single Jack	#16	0.060"	0.03	10
SJ18ZPX100	Single Jack	#18	0.047"	0.02	5

SINGLE JACK CHAIN



STRAIGHT LINK COIL

STOCK NUMBER BRIGHT ZINC	CHAIN TYPE	SIZE	MATERIAL DIAMETER	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
SLC1/0ZP	Straight Link Coil	1/0	0.174"	0.23	440
SLC2/0ZP	Straight Link Coil	2/0	0.192"	0.27	520
SLC4/0ZP	Straight Link Coil	4/0	0.218"	0.35	670
SLC5/0ZP	Straight Link Coil	5/0	0.247"	0.46	880

STRAIGHT LINK COIL



TWIST LINK MACHINE CHAIN

STOCK NUMBER BRIGHT ZINC	CHAIN TYPE	SIZE	MATERIAL DIAMETER	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
TLM1/0ZP	Twist Link Machine	1/0	0.174"	0.24	415
TLM2/0ZP	Twist Link Machine	2/0	0.192"	0.27	495
TLM4/0ZP	Twist Link Machine	4/0	0.218"	0.33	635

TWIST LINK MACHINE



PASSING LINK CHAIN

STOCK NUMBER BRIGHT ZINC	CHAIN TYPE	SIZE	MATERIAL DIAMETER	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
PASSLINK2/0ZP	Passing Link	2/0	0.192"	0.33	450
PASSLINK4/0ZP	Passing Link	4/0	0.218"	0.41	600

PASSING LINK



SECURITY SQUARE LINK CHAIN

CASE HARDENED, ZINC PLATED

STOCK NUMBER	CHAIN SIZE	INSIDE WIDTH	OUTSIDE WIDTH	WEIGHT/FOOT (LBS.)
SQLINK375	3/8"	.58"	1.58"	1.65

SECURITY SQUARE
LINK

SASH CHAIN

STOCK NUMBER BRIGHT ZINC	CHAIN TYPE	SIZE	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
SASH#8ZP	Sash	# 8	0.04	75
-	Sash	# 25	0.50	94
SASH#30ZP	Sash	# 30	0.55	80
SASH#35ZP	Sash	# 35	0.07	105
SASH#40ZP	Sash	# 40	0.08	140
SASH#45ZP	Sash	# 45	0.01	175
-	Sash	# 50	0.13	225



SASH CHAIN

BLACK POWDER COATED CHAIN

STOCK NUMBER	SIZE	CHAIN GRADE	DRUM LENGTHS	WORKING LOAD LIMIT (LBS.)
PCPC187B	3/16"	Proof Coil	250', 750', 1,500'	800
PCPC250B	1/4"	Proof Coil	141', 400', 800'	1,300
PCPC312B	5/16"	Proof Coil	92', 275', 550'	1,900
PCPC375B	3/8"	Proof Coil	66', 200', 400'	2,650



**BLACK POWDER
COATED CHAIN**

YELLOW POWDER COATED CHAIN

STOCK NUMBER	SIZE	CHAIN GRADE	DRUM LENGTHS	WORKING LOAD LIMIT (LBS.)
PCPC187Y	3/16"	Proof Coil	250', 750', 1,500'	800
PCPC250Y	1/4"	Proof Coil	141', 400', 800'	1,300
PCPC312Y	5/16"	Proof Coil	92', 275', 550'	1,900
PCPC375Y	3/8"	Proof Coil	66', 200', 400'	2,650



**YELLOW POWDER
COATED CHAIN**

WELDED BRASS CHAIN

STOCK NUMBER	SIZE	INSIDE LENGTH	INSIDE WIDTH	WORKING LOAD LIMIT (LBS.)	WEIGHT/100 FT. (LBS.)
BRASS187	3/16"	0.95"	0.40"	300	43
BRASS250	1/4"	1.00"	0.50"	500	77
BRASS375	3/8"	1.25"	0.62"	850	165



**WELDED BRASS
CHAIN**

WELDED ALUMINUM CHAIN

STOCK NUMBER	SIZE	INSIDE LENGTH	INSIDE WIDTH	SAFE WORKING LOAD (LBS.)	WEIGHT/100 FT. (LBS.)
ALUM250	1/4"	1.00"	0.50"	620	24
ALUM312	5/16"	1.10"	0.50"	925	35



**WELDED ALUMINUM
CHAIN**



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WIRE ROPE CLIPS
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CHAIN
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TURNBUCKLES
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EYE BOLTS & EYE NUTS
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THIMBLES
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QUICK LINKS & SPRING HOOKS
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HOOKS
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LINKS
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SLEEVES & SNAPS
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CONNECTING LINKS
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SWIVELS
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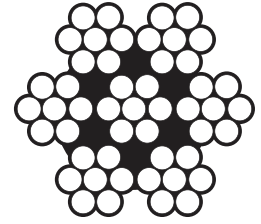


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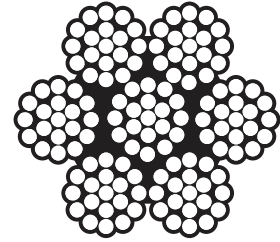
STAINLESS STEEL AIRCRAFT CABLE

TYPE 304

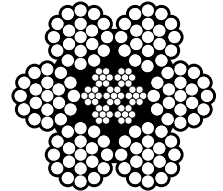
STOCK NUMBER	SIZE	CONSTRUCTION	WEIGHT/1,000' (LBS.)	BREAKING STRENGTH (LBS.)
SSAC0627X7	1/16"	7X7	7.5	480
SSAC0937X7	3/32"	7X7	16	920
SSAC1257X7	1/8"	7X7	28	1,760
SSAC1257X19	1/8"	7X19	29	1,760
SSAC1877X19	3/16"	7X19	65	3,700
SSAC2507X19	1/4"	7X19	110	6,400
SSAC3127X19	5/16"	7X19	173	9,000
SSAC3757X19	3/8"	7X19	243	12,000



7X7



7X19



6X25 OR 6X36

Standard reel lengths in stock: 250', 500', 1,000' and 5,000'. Also available in Type 316.

STAINLESS STEEL WIRE ROPE

EIPS 6 X 25/36 CLASS

STOCK NUMBER	SIZE	WEIGHT 1,000' (LBS.)	BREAKING STRENGTH (LBS.)
SSWRC437	7/16"	356	16,300
SSWRC500	1/2"	460	22,800
SSWRC562	9/16"	590	28,500
SSWRC625	5/8"	720	35,000
SSWRC750	3/4"	1,040	49,600
SSWRC8756X36	7/8"	1,420	66,500
SSWRC1006X36	1"	1,850	85,400

STAINLESS STEEL HIGH TEST CHAIN

TYPE 316

STOCK NUMBER	SIZE	WEIGHT/FOOT (LBS.)	WORKING LOAD LIMIT (LBS.)
SSHT187	3/16"	0.35	1,200
SSHT250	1/4"	0.60	2,000
SSHT312	5/16"	0.88	2,850
SSHT375	3/8"	1.40	3,550
SSHT500	1/2"	2.43	6,500
SSHT625	5/8"	3.60	9,800
SSHT750	3/4"	5.50	14,000



STAINLESS STEEL HIGH TEST CHAIN

Note: High test chain is not suitable for overhead lifting.

STAINLESS STEEL SPECIALTY CHAINS

STOCK NUMBER	SIZE	TYPE	REEL SIZES
SSSJ16	# 16	Single Jack	100/Box
SSSJ14	# 14	Single Jack	100/Box
SSSJ12	# 12	Single Jack	100/Box
SSSJ10	# 10	Single Jack	100/Box
SSDL3	# 3	Double Loop	100/Box
SSSASH#35	# 35	Sash	100/Box
SSSASH#8	# 8	Sash	100/Box



STAINLESS STEEL SINGLE JACK CHAIN



STAINLESS STEEL DOUBLE LOOP CHAIN



STAINLESS STEEL SASH CHAIN

STAINLESS STEEL 316 SCREW PIN ANCHOR SHACKLES

OVERSIZED PIN

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SSPA187	3/16"	1/4"	650	0.11
SSPA250	1/4"	5/16"	1,000	0.12
SSPA312	5/16"	3/8"	1,500	0.18
SSPA375	3/8"	7/16"	2,000	0.31
SSPA437	7/16"	1/2"	3,000	0.48
SSPA500	1/2"	5/8"	4,000	0.68
SSPA625	5/8"	3/4"	6,000	1.26
SSPA750	3/4"	7/8"	8,000	2.10
SSPA875	7/8"	1"	12,000	3.32
SSPA100	1"	1 1/8"	14,000	4.80



STAINLESS STEEL SCREW PIN ANCHOR SHACKLE

STAINLESS STEEL 316 SCREW PIN BOW SHACKLES

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SSPA187BOW	3/16"	3/16"	500	0.04
SSPA250BOW	1/4"	1/4"	750	0.06
SSPA312BOW	5/16"	5/16"	1,300	0.12
SSPA375BOW	3/8"	3/8"	1,750	0.25
SSPA500BOW	1/2"	1/2"	3,000	0.56
SSPA625BOW	5/8"	5/8"	4,000	1.05
SSPA750BOW	3/4"	3/4"	6,000	1.68
SSPA875BOW	7/8"	7/8"	8,000	2.52
SSPA100BOW	1"	1"	9,000	3.80
SSPA1250BOW	1 1/4"	1 1/4"	12,000	9.50



STAINLESS STEEL SCREW PIN BOW SHACKLE

STAINLESS STEEL 316 BOLT TYPE ANCHOR SHACKLES

OVERSIZED PIN

STOCK NUMBER	SIZE	PIN DIAMETER	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SSAS250	1/4"	5/16"	1,000	0.12
SSAS312	5/16"	3/8"	1,500	0.18
SSAS375	3/8"	7/16"	2,000	0.31
SSAS437	7/16"	1/2"	3,000	0.48
SSAS500	1/2"	5/8"	4,000	0.68
SSAS625	5/8"	3/4"	6,000	1.26
SSAS750	3/4"	7/8"	8,000	2.10
SSAS875	7/8"	1"	12,000	3.32
SSAS100	1"	1 1/8"	14,000	4.80



STAINLESS STEEL BOLT TYPE ANCHOR SHACKLE

STAINLESS STEEL GRAB HOOKS

CLEVIS GRAB STOCK NUMBER	EYE GRAB STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SSCG250	SSEG250	1/4"	1,250	0.36
SSCG312	SSEG312	5/16"	1,850	0.65
SSCG375	SSEG375	3/8"	2,500	.90
SSCG500	SSEG500	1/2"	3,600	1.95



CLEVIS GRAB HOOK

STAINLESS STEEL SLIP HOOKS

CLEVIS SLIP STOCK NUMBER	EYE SLIP STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SSCS250	SSES250	1/4"	900	0.42
SSCS312	SSES312	5/16"	1,250	0.76
SSCS375	SSES375	3/8"	2,000	1.18
SSCS500	SSES500	1/2"	3,000	2.36



CLEVIS SLIP HOOK

STAINLESS STEEL EYE HOIST HOOK

STOCK NUMBER	SIZE	OVERALL LENGTH	EYE SIZE	WEIGHT/PIECE (LBS.)
SSEHH1T	1 Ton	6.50"	1 15/16"	2.0



EYE HOIST HOOK

STAINLESS STEEL SWIVEL EYE SNAP HOOK

STOCK NUMBER	SIZE (TONS)	OVERALL LENGTH	EYE SIZE	WEIGHT/PIECE (LBS.)
SNAP251-4	0.5	6.0"	1 1/8"	0.88



SWIVEL EYE SNAP HOOK

STAINLESS STEEL FIXED EYE HOOKS

STOCK NUMBER	EYE SIZE	WORKING LOAD LIMIT (LBS.)	OVERALL LENGTH	WEIGHT/PIECE (LBS.)
SNAP2311-1	3/4"	220	4"	0.27
SNAP2311-2	1 1/8"	300	4 3/4"	0.38
SNAP2311-3	1 5/16"	2,200	6 1/2"	2.00



FIXED EYE HOOK

STAINLESS STEEL GRADE 50 EYE SLING HOOKS

STOCK NUMBER	EYE SIZE	WORKING LOAD LIMIT (LBS.)	OVERALL LENGTH	WEIGHT/PIECE (LBS.)
G50ES281WL	9/32"	2,200	5.43"	1.1
G50ES375WL	3/8"	4,400	6.57"	2.2
G50ES500WL	1/2"	7,100	8.15"	4.2
G50ES625WL	5/8"	11,000	9.61"	6.6



EYE SLING HOOK GRADE 50

Note: Grade 50 stainless steel hooks are rated for overhead lifting.

STAINLESS STEEL SPRING HOOKS (UNIVERSAL SNAP) #2450 TYPE 316



STOCK NUMBER	SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SPRING187SS	3/16"	2"	1/4"	0.04	220
SPRING250SS	1/4"	2 1/2"	5/16"	0.07	260
SPRING312SS	5/16"	3 1/8"	3/8"	0.16	500
SPRING375SS	3/8"	3 1/2"	1/2"	0.21	550
SPRING437SS	7/16"	4"	9/16"	0.27	770
SPRING500SS	1/2"	4 3/4"	7/8"	0.52	1,200

STAINLESS STEEL SPRING HOOK WITH EYE AND SCREW LOCK



STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SPRING312SSWSCR	5/16"	3 1/8"	1/4"	0.16	400
SPRING375SSWSCR	3/8"	4"	7/16"	0.30	600
SPRING500SSWSCR	1/2"	4 5/8"	9/16"	0.44	800

STAINLESS STEEL QUICK LINKS (RAPID LINKS) #7350 TYPE 316



STOCK NUMBER	SIZE	OVERALL LENGTH	JAW OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SQL125	1/8"	1 1/2"	1/4"	0.03	220
SQL187	3/16"	2"	1/4"	0.06	660
SQL250	1/4"	2 5/16"	5/16"	0.10	880
SQL312	5/16"	3"	7/16"	0.20	1,760
SQL375	3/8"	3 1/4"	7/16"	0.25	2,200
SQL500	1/2"	4 1/8"	1/2"	0.53	3,300

Wide Jaw Quick links available upon request.

STAINLESS STEEL PEAR SHAPED QUICK LINKS #7370 TYPE 316



STOCK NUMBER	SIZE	OVERALL LENGTH	JAW OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SQL250PEAR	1/4"	3 3/16"	9/16"	0.12	880
SQL312PEAR	5/16"	3 1/2"	11/16"	0.26	1,455
SQL375PEAR	3/8"	4 1/4"	3/4"	0.34	1,805
SQL500PEAR	1/2"	5 1/2"	15/16"	0.78	3,305

STAINLESS STEEL CONNECTING LINK TYPE 316



STOCK NUMBER	SIZE	WORKING LOAD LIMIT (LBS.)	WEIGHT/PIECE (LBS.)
SCL187	3/16"	800	0.04
SCL250	1/4"	1,400	0.06
SCL312	5/16"	2,000	0.10
SCL375	3/8"	2,800	0.20
SCL500	1/2"	4,750	0.40

STAINLESS STEEL #210 SWIVEL BLOCK WITH EYE OR HOOK

STOCK NUMBER	SHEAVE SIZE		NUMBER OF SHEAVES
	IN	MM	
S210-75	3	75	Single
S210-100	4	100	Single
S210-125	5	125	Single
S210-75D	3	75	Double
S210-100D	4	100	Double
S210-125D	5	125	Double



STAINLESS STEEL #211 SNATCH BLOCK WITH SIDE LATCH

STOCK NUMBER	SHEAVE SIZE		NUMBER OF SHEAVES
	IN	MM	
S211-75	3	75	Single
S211-100	4	100	Single
S211-125	5	125	Single



STAINLESS STEEL #212 OPEN SEINE BLOCK WITH EYE OR HOOK

STOCK NUMBER	SHEAVE SIZE		NUMBER OF SHEAVES
	IN	MM	
SS212-50	2	50	Single
SS212-75	3	75	Single



STAINLESS STEEL #313 SQUARE SWIVEL BLOCK

STOCK NUMBER	SHEAVE SIZE		NUMBER OF SHEAVES
	IN	MM	
S313-50	2	50	Single
S313-75	3	75	Single
S313-100	4	100	Single



STAINLESS STEEL #314 ROUND SWIVEL BLOCK

STOCK NUMBER	SHEAVE SIZE		NUMBER OF SHEAVES
	IN	MM	
S314-25	1	25	Single
S314-32	1 1/4	32	Single
S314-50	2	50	Single



STAINLESS STEEL #315 ROUND SWIVEL BLOCK

STOCK NUMBER	SHEAVE SIZE		NUMBER OF SHEAVES
	IN	MM	
S315-25	1	25	Double
S315-32	1 1/4	32	Double
S315-50	2	50	Double



#2476 STAINLESS STEEL JAW SWIVEL SNAP SHACKLE

STOCK NUMBER	JAW SIZE	OVERALL LENGTH	INSIDE WIDTH	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP2476-1	3/8"	2 3/4"	1/2"	0.15	800
SNAP2476-2	1/2"	3 1/2"	5/8"	0.27	1,200
SNAP2476-3	7/8"	5"	1"	0.90	1,800

#2482 STAINLESS STEEL EYE SWIVEL SNAP SHACKLE

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	INSIDE WIDTH	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP2482-1	1/2"	2 3/4"	1/2"	0.15	1,000
SNAP2482-2	5/8"	3 1/2"	3/4"	0.26	1,500
SNAP2482-3	1"	5"	1"	0.75	2,100

#2483 STAINLESS STEEL FIXED SNAP SHACKLE

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	INSIDE WIDTH	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP2483-1	3/8"	2"	1/2"	0.10	1,000
SNAP2483-2	1/2"	2 3/4"	3/4"	0.20	1,500
SNAP2483-3	5/8"	4"	1"	0.52	2,100

#249 STAINLESS STEEL FIXED EYE SNAP HOOK

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP249-0	3/8"	2 1/8"	7/32"	0.06	110
SNAP249-1	5/8"	2 7/8"	7/16"	0.10	220
SNAP249-2	3/4"	3 1/4"	1/2"	0.14	330
SNAP249-3	7/8"	3 7/8"	9/16"	0.28	550

#5013 STAINLESS STEEL ROUND EYE SWIVEL TRIGGER SNAP

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP5013-500	1/2"	2 11/16"	1/4"	0.11	200
SNAP5013-625	5/8"	2 11/16"	1/4"	0.13	200

STAINLESS STEEL SWIVELS

STOCK NUMBER	SIZE	SAFE WORKING LOAD LIMIT (LBS.)	WEIGHT/EACH (LBS.) EYE-EYE	TYPE 316	
				WEIGHT/EACH (LBS.) EYE-JAW	WEIGHT/EACH (LBS.) JAW-JAW
SWIV187SS	3/16"	300	0.12	N/A	N/A
SWIV250SS	1/4"	600	0.13	0.14	0.15
SWIV312SS	5/16"	1,100	0.29	0.33	0.38
SWIV375SS	3/8"	1,500	0.55	0.63	0.74
SWIV500SS	1/2"	2,500	1.25	1.40	1.54
SWIV625SS	5/8"	4,600	2.10	2.36	2.63
SWIV750SS	3/4"	7,000	3.40	3.93	4.34
SWIV875SS	7/8"	9,500	5.02	N/A	N/A
SWIV100SS	1"	11,500	8.73	N/A	N/A

Note: The products on this page are not suitable for overhead lifting.

#225 STAINLESS STEEL SWIVEL EYE SNAP

STOCK NUMBER	EYE SIZE	WEIGHT/PIECE (LBS.)
SNAP225-375SS	3/8"	0.05
SNAP225-500SS	1/2"	0.07
SNAP225-625SS	5/8"	0.10
SNAP225-750SS	3/4"	0.20
SNAP225-1250SS	1 1/4"	0.24



#830 STAINLESS STEEL SWIVEL EYE SNAP

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	WEIGHT/PIECE (LBS.)
SNAP830-375SS	3/8"	2 1/8"	0.06
SNAP830-500SS	1/2"	5 5/8"	0.09
SNAP830-625SS	5/8"	3 1/4"	0.13
SNAP7830-750SS	3/4"	3 1/2"	0.14



#251 STAINLESS STEEL SWIVEL EYE SNAP HOOK

STOCK NUMBER	SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP251-1	5/8"	3 3/8"	7/16"	0.13	140
SNAP251-2	3/4"	4"	1/2"	0.21	160
SNAP251-3	7/8"	4 5/8"	1/2"	0.33	220
SNAP251-4	1 3/32"	5 7/8"	5/8"	0.88	1,000



#2470 STAINLESS STEEL SPRING GATE SNAP

STOCK NUMBER	SIZE	OVERALL LENGTH	EYE SIZE	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SNAP2470-50	1/4"	2"	1/4"	0.05	400
SNAP2470-75	3/8"	2.75"	3/8"	0.12	600
SNAP2470-100	1/2"	4"	1/2"	0.30	1,000



#2430 STAINLESS STEEL HARNESS CLIP

STOCK NUMBER	SIZE	OVERALL LENGTH	EYE SIZE	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SSHARNESS250	1/4"	2 3/8"	5/16"	0.08	330
SSHARNESS312	5/16"	3 1/4"	7/16"	0.18	880
SSHARNESS375	3/8"	4"	1/2"	0.32	1,400
SSHARNESS500	1/2"	4 7/8"	5/8"	0.56	1,950



#161 STAINLESS STEEL DOUBLE END BOLT SNAP

STOCK NUMBER	SIZE	OVERALL LENGTH
SNAP161SS	1/2"	3 1/2"



STAINLESS STEEL COUPLING LINKS

GRADE 50

STOCK NUMBER	SIZE	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SSHL281	9/32"	0.26	2,200
SSHL375	3/8"	0.73	4,400
SSHL500	1/2"	1.54	7,100
SSHL625	5/8"	2.68	11,000

STAINLESS STEEL MASTER LINKS

GRADE 50

STOCK NUMBER	SIZE	DIMENSIONS	WEIGHT/PIECE (LBS.)	WORKING LOAD LIMIT (LBS.)
SSML375	3/8"	2" X 3"	0.44	1,900
SSML500	1/2"	2 1/4" X 4 1/4"	0.75	2,900
SSML625	5/8"	2 1/4" X 4 1/4"	1.17	3,800
SSML750	3/4"	3" X 5 1/4"	1.76	4,400
SSML875	7/8"	3 1/2" X 6 1/4"	3.30	7,500
SSML1000	1"	4" X 7"	5.00	12,100
SSML1250	1 1/4"	4 - 1/4" X 7 3/4"	8.60	18,500
SSML1500	1 1/2"	5 1/2" X 10 1/4"	14.0	23,200

Note: Grade 50 stainless steel master links are rated for overhead lifting.

ROUND RINGS - FORMED, WELDED

STAINLESS STEEL, HOT GALVANIZED,
ZINC PLATED

STAINLESS STEEL STOCK NUMBER	HOT GALVANIZED STOCK NUMBER	ZINC PLATED STOCK NUMBER	SIZE
RING125X100SS	-	RING125Xx1ZP	1/8" X 1"
RING156X100SS	-	-	5/32" X 1"
RING156X1250SS	-	-	5/32" X 1 1/4"
RING187X100SS	RING187X100HDG	-	3/16" X 1"
RING187X1250SS	-	-	3/16" X 1 1/4"
RING187X150SS	-	-	3/16" X 1 1/2"
RING187X200SS	-	-	3/16" X 2"
RING250X100SS	-	-	1/4" X 1"
RING250X1250SS	-	RING250X1250ZP	1/4" X 1 1/4"
RING250X150SS	-	-	1/4" X 1 1/2"
RING250X1750SS	-	RING250X1750ZP	1/4" X 1 3/4"
RING250X200SS	RING250X2HDG	-	1/4" X 2"
RING250X300SS	RING250X3HDG	-	1/4" X 3"
RING312X1500SS	-	-	5/16" X 1 1/2"
RING312X200SS	RING312X2HDG	-	5/16" X 2"
RING312X2500SS	-	-	5/16" X 2 1/2"
RING375X200SS	RING375X2HDG	-	3/8" X 2"
RING375X300SS	RING375X3HDG	-	3/8" X 3"
RING375X325SS	-	-	3/8" X 3 1/4"
RING375X400SS	-	-	3/8" X 4"
RING500X2500SS	RING500X250HDG	-	1/2" X 2 1/2"
RING500X300SS	RING500X3HDG	-	1/2" X 3"
RING500X400SS	RING500X4HDG	-	1/2" X 4"
RING625X400SS	RING625X4HDG	-	5/8" X 4"

Not rated for overhead lifting.



STAINLESS STEEL



GALVANIZED ROUND RING

DOUBLE END BOLT SNAP

ZINC PLATED

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)
SNAP161NP	1/2"	3 1/2"	1/4"	0.09
SNAP162Z	5/8"	4"	3/8"	0.12
SNAP163Z	3/4"	4 3/4"	3/8"	0.17



#225 SWIVEL EYE BOLT SNAP

ZINC PLATED

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)
SNAP225-325	3/8"	3 1/4"	3/8"	0.09
SNAP225-500	1/2"	3 1/4"	3/8"	0.09
SNAP225-625	5/8"	3 1/2"	3/8"	0.10
SNAP225-750	3/4"	3 1/2"	3/8"	0.11



#232 OPEN END BOLT SNAP

ZINC PLATED

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)
SNAP232ZP	5/8"	4"	3/8"	0.15



#5013 SWIVEL EYE TRIGGER SNAP

ZINC PLATED

STOCK NUMBER	EYE SIZE	OVERALL LENGTH	SNAP OPENING	WEIGHT/PIECE (LBS.)
SNAP5013-375	3/8"	2 1/2"	7/16"	0.06

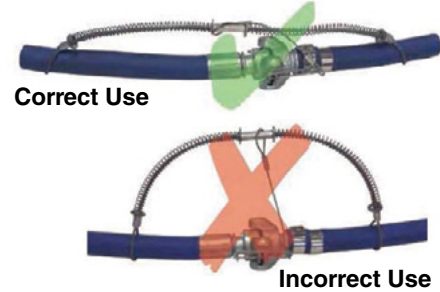




HOSE TO HOSE

STOCK NUMBER	CABLE DIAMETER	LENGTH	FITS HOSE DIAMETER RANGE	MAX SAFE P.S.I.
WS125	1/8"	20"	0.50" - 1.25"	200 p.s.i.
WS187	3/16"	28"	1.25" - 1.75"	200 p.s.i.
WS250	1/4"	38"	2.00" - 3.50"	200 p.s.i.
WS375	3/8"	44"	4.00" - 5.00"	200 p.s.i.

Note: Whip Stop Hose Restraints are not rated for overhead lifting.



HOSE TO TOOL

STOCK NUMBER	CABLE DIAMETER	LENGTH	FITS HOSE DIAMETER RANGE	MAX SAFE P.S.I.
WS125HT	1/8"	20"	0.50" - 1.25"	200 p.s.i.
WS187HT	3/16"	28"	1.25" - 1.75"	200 p.s.i.
WS250HT	1/4"	38"	2.00" - 3.50"	200 p.s.i.
WS375HT	3/8"	44"	4.00" - 5.00"	200 p.s.i.

Note: Whip Stop Hose Restraints are not rated for overhead lifting.

POLYESTER WHIP STOP HOSE RESTRAINT

PLY	STOCK NUMBER	WEB WIDTH	LENGTH	RUBBER WASHER DIMENSIONS			FITS HOSE DIAMETER RANGE (HOSE I.D.)
				THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	
ONE PLY	WS11P-30	1"	30"	3/16"	3/4"	1 1/4"	1/4" - 2"
	WS11P-44	1"	44"	3/16"	3/4"	1 1/4"	1" - 4"
	WS11P-64	1"	64"	3/16"	3/4"	1 1/4"	2" - 6"
TWO PLY	WS12P-36	1"	36"				1/4" - 2"
	WS12P-44	1"	44"				1" - 4"
	WS12P-64	1"	64"				2" - 6"



P.S.I. OF 1" - 1 PLY

MAX INTERNAL PRESSURE	
MAX HOSE I.D. (IN.)	P.S.I.
1	1,650
2	400
3	175
4	100
6	50

P.S.I. OF 1" - 2 PLY

MAX INTERNAL PRESSURE	
MAX HOSE I.D. (IN.)	P.S.I.
1	3,300
2	750
3	350
4	200
6	90

⚠ WARNING: Polyester Hose Restraints are not rated for overhead lifting. Inspect strap and Rubber Washers periodically for damage. Do not exceed hose pressure ratings. Do not expose to temperatures above 200°F. Do not use for lifting purposes.

LIFSTAR™ Lever Hoists



1/4 Ton



3/4 Ton



1 1/2 Ton



3 Ton



6 Ton

1/4 TON LIFT LEVER HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
LH250I	1/4 Ton, 5' Lift Lever Hoist	500	5
LH250-10I	1/4 Ton, 10' Lift Lever Hoist	500	7

3/4 TON LIFT LEVER HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
LH750-5I	3/4 Ton, 5' Lift Lever Hoist	1,500	18
LH750-10I	3/4 Ton, 10' Lift Lever Hoist	1,500	21
LH750-15I	3/4 Ton, 15' Lift Lever Hoist	1,500	25
LH750-20I	3/4 Ton, 20' Lift Lever Hoist	1,500	28

1 1/2 TON LIFT LEVER HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
LH1500-5I	1 1/2 Ton, 5' Lift Lever Hoist	3,000	31
LH1500-10I	1 1/2 Ton, 10' Lift Lever Hoist	3,000	34
LH1500-15I	1 1/2 Ton, 15' Lift Lever Hoist	3,000	37
LH1500-20I	1 1/2 Ton, 20' Lift Lever Hoist	3,000	41

3 TON LIFT LEVER HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
LH300-5I	3 Ton, 5' Lift Lever Hoist	6,000	50
LH300-10I	3 Ton, 10' Lift Lever Hoist	6,000	57
LH300-20I	3 Ton, 20' Lift Lever Hoist	6,000	71

6 TON LIFT LEVER HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
LH600-10I	6 Ton, 10' Lift Lever Hoist	12,000	82
LH600-15I	6 Ton, 15' Lift Lever Hoist	12,000	88
LH600-20I	6 Ton, 20' Lift Lever Hoist	12,000	102

LIFSTARTM Chain Hoists



1/2 & 1 Ton



2 Ton



3 Ton



5 Ton

1/2 TON LIFT CHAIN HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
CHFALL1/2TON10I	1/2 Ton, 10' Lift Chain Hoist	1,000	20
CHFALL1/2TON20I	1/2 Ton, 20' Lift Chain Hoist	1,000	31

1 TON LIFT CHAIN HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
CHFALL1TON10I	1 Ton, 10' Lift Chain Hoist	2,000	26
CHFALL1TON20I	1 Ton, 20' Lift Chain Hoist	2,000	38

2 TON LIFT CHAIN HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
CHFALL2TON10I	2 Ton, 10' Lift Chain Hoist	4,000	50
CHFALL2TON20I	2 Ton, 20' Lift Chain Hoist	4,000	63

3 TON LIFT CHAIN HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
CHFALL3TON10I	3 Ton, 10' Lift Chain Hoist	6,000	72
CHFALL3TON20I	3 Ton, 20' Lift Chain Hoist	6,000	88

5 TON LIFT CHAIN HOIST

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT (LBS.)	WEIGHT (LBS.)
CHFALL5TON10I	5 Ton, 10' Lift Chain Hoist	10,000	88
CHFALL5TON20I	5 Ton, 20' Lift Chain Hoist	10,000	123

- Load tested to 150% of rated capacity
- Most economical, premium quality hoists on the market

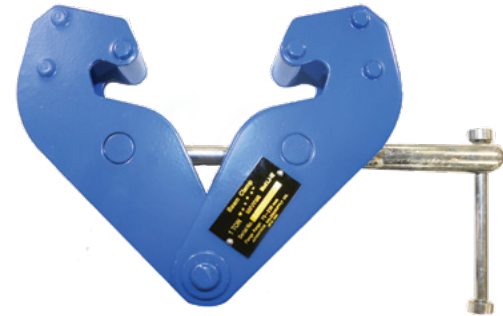
LIFSTAR™



MANUAL TROLLEY



GEARED TROLLEY



BEAM CLAMP

MANUAL TROLLEY

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT	WEIGHT (LBS.)
TROL1/2TON	1/2 Ton Manual Trolley	1/2 Ton	19
TROL1TP	1 Ton Manual Trolley	1 Ton	34
TROL2TP	2 Ton Manual Trolley	2 Ton	51
TROL3TP	3 Ton Manual Trolley	3 Ton	88
TROL5TP	5 Ton Manual Trolley	5 Ton	110

GEARED TROLLEY

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT	WEIGHT (LBS.)
GTROL1T	1 Ton Geared Trolley	1 Ton	37
GTROL2T	2 Ton Geared Trolley	2 Ton	56
GTROL3T	3 Ton Geared Trolley	3 Ton	79
GTROL5T	5 Ton Geared Trolley	5 Ton	117
GTROL10T	10 Ton Geared Trolley	10 Ton	172

BEAM CLAMP

STOCK NUMBER	DESCRIPTION	WORKING LOAD LIMIT	WEIGHT (LBS.)
BEAM2TON	2 Ton Beam Clamp	2 Ton	11
BEAM3TON	3 Ton Beam Clamp	3 Ton	22
BEAM5TON	5 Ton Beam Clamp	5 Ton	26
BEAM10TON	10 Ton Beam Clamp	10 Ton	37

HARRINGTON

A KITO GROUP COMPANY



MANUAL CHAIN HOISTS



ELECTRIC HOISTS



LEVER HOISTS

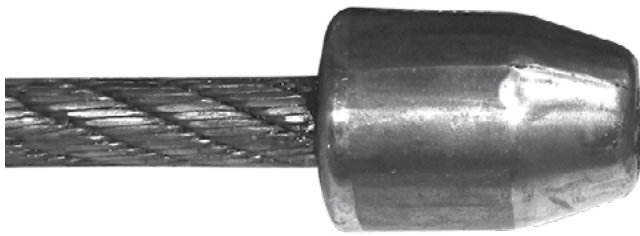
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SINGLE TRUCK



DUAL TRIPLE TRUCK



SWAGED WINCH LINE



G80 & G100 CHAIN



ALLOY COUPLING LINK



KEYHOLE GRAB HOOK



SCREW PIN ANCHOR SHACKLE



CHAIN CHOKER HOOK



MAIN LINE SLIDE



CLEVIS GRAB HOOK



OSHA KNOT/FIELD WEDGE



ENDLESS SLINGS - GROMMETS



TURNBUCKLES



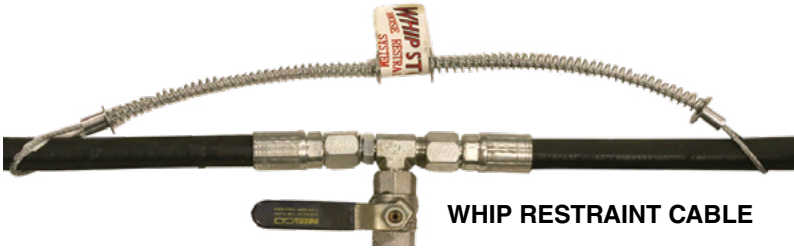
WINCHLINE WITH TAIL CHAIN



WIRE ROPE SLINGS



CHAIN SLINGS



WHIP RESTRAINT CABLE



ENDLESS ROUND SLINGS



SAFETY ANCHOR SHACKLE



WIRE ROPE



TAIL BOARD BLOCK



RATCHET LOAD BINDER



BINDER CHAIN



SNATCH BLOCK WITH SHACKLE



SNATCH BLOCK WITH HOOK



CHAIN RECERTIFICATION



BLOCK TESTING



WIRE ROPE GRIPS FOR LONGER WIRE ROPES



CYCLE TESTING - 20,000 CYCLE MINIMUM



OUR CERTIFICATE OF TESTING



LOAD PIN CRACK DETECTION AND INSPECTION



HARDNESS



LOW TEMPERATURE IMPACT TESTING



RAW MATERIAL TESTING



COMPARATIVE TESTING



WE HAVE STATE OF THE ART TEST BEDS



SALT SPRAY

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Responsibility for the use and application of the products rests with the user.

Failure of the product can occur due to misapplication, abuse, or improper maintenance. Product failure could allow the load to become out of control, resulting in possible property damage, personal injury or death.

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Examples of Damaged Chain

Refer to OSHA / ASME B30.9 Chain Sling Criteria for Removal From Service

WELD SPATTER



GOUGED LINKS



WORN LINKS



STRETCHED CHAIN LINKS



HEAT



BENT LINKS



WARNING: THE PICTURES SHOWN ARE COMMON CRITERIA FOR REJECTION. BE ADVISED THAT THERE ARE MANY OTHER FORMS OF REJECTABLE CRITERIA. ALWAYS HAVE A COMPETENT PERSON COMPLETE A PRESLING INSPECTION PRIOR TO LIFTING. IF ANY DAMAGE IS EVIDENT, REMOVE SLING FROM SERVICE IMMEDIATELY. FAILURE TO DO THIS MAY CAUSE INJURY OR DEATH. **SAFETY FIRST!**

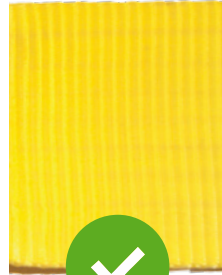
Examples of Damaged Webbing

Refer to OSHA / ASME B30.9 Synthetic Web Sling Criteria for Removal From Service

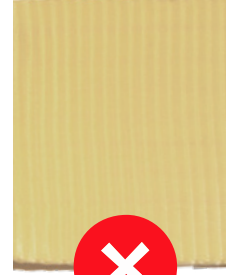
KNOTTED



UV DEGRADATION

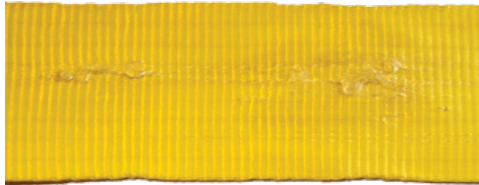


NEW



USED

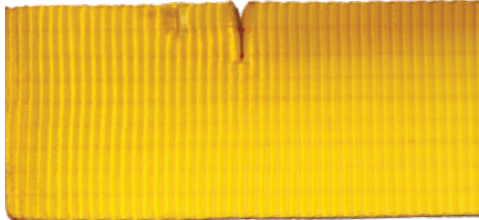
SNAGS



EDGE BLOWOUT



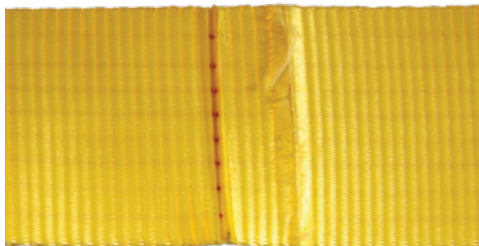
CUT ON EDGE



TENSION BREAK / LOOSE THREAD



SLICE ON FACE



ACID / HEAT BURN



ABRASIVE RUB



Typical Evidence of Wear and Abuse

All wire ropes should be thoroughly inspected at regular intervals. The longer it has been in service or the more severe the service, the more thoroughly and frequently it should be inspected. Be sure to maintain records of each inspection.

Inspections should be carried out by a person who has learned through special training or practical experience what to look for and who knows how to judge the importance of any abnormal conditions they may discover. It is the inspector's responsibility to obtain and follow the proper inspection criteria for each application inspected.



This is a wire rope with a **HIGH STRAND** - a condition in which one or more strands are worn before adjoining strands. This is caused by improper socketing or seizing, kinks or dog-legs. It recurs every sixth strand in a 6-strand rope.



A **KINKED WIRE ROPE** is shown here. It's caused by pulling down a loop in a slack line during handling, installation or operation. Note the distortion of the strands and individual wires. This rope must be replaced.



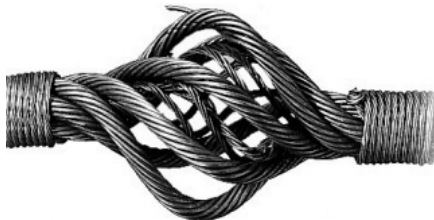
Here you see a single strand removed from a wire rope subjected to **STRAND NICKING**. This condition is a result of adjacent strands rubbing against one another. While this is normal in a rope's operation, the nicking can be accentuated by high loads, small sheaves or loss of core support. The ultimate result will be individual wire breaks in the valleys of the strands.



A typical failure of a rotary drill line with a **POOR CUTOFF PRACTICE**. These wires have been subjected to continued peening, causing fatigue type failures. A predetermined, regularly scheduled cutoff practice can help eliminate this type of problem.



Here's a **WIRE ROPE THAT HAS JUMPED SHEAVE**. The rope curled as it went over the edge of the sheave. When you study the wires, you'll see two types of breaks here: tensile "cup and cone" breaks and shear breaks that appear to have been cut on an angle.



A **BIRDCAGE** is caused by sudden release of tension and the resulting rebound of rope. These strands and wires will not be returned to their original positions. The rope should be replaced immediately.



This is **LOCALIZED WEAR** over an equalized sheave. The danger here is that it's invisible during the rope's operation, and that's why you need to inspect this portion of an operating rope regularly. The rope should be pulled off the sheave during inspection and bent to check for broken wires.

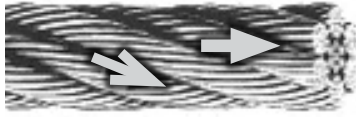


DRUM CRUSHING is caused by small drums, high loads and multiple winding conditions.

LAY

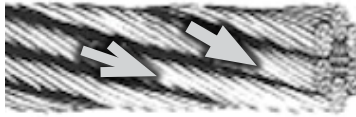
DEFINITION

Regular Lay



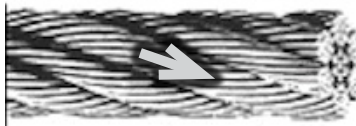
Most common lay in which the wires wind in one direction and the strands the opposite direction. (right lay shown)

Lang Lay



Wires in strand and strands of rope wind the same direction. (right lay shown)

Right Lay



Strands wound to the left around the core. (regular lay shown)

Left Lay

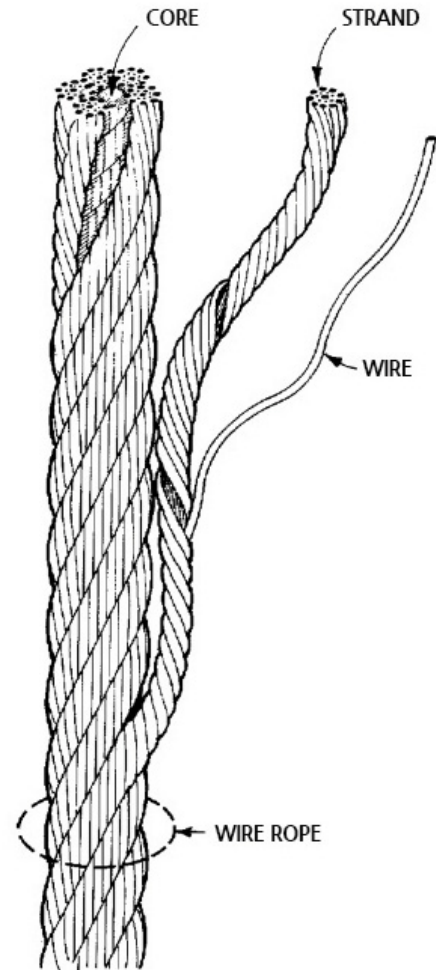


Strands wound to the left around the core. (regular lay shown)

Alternate Lay



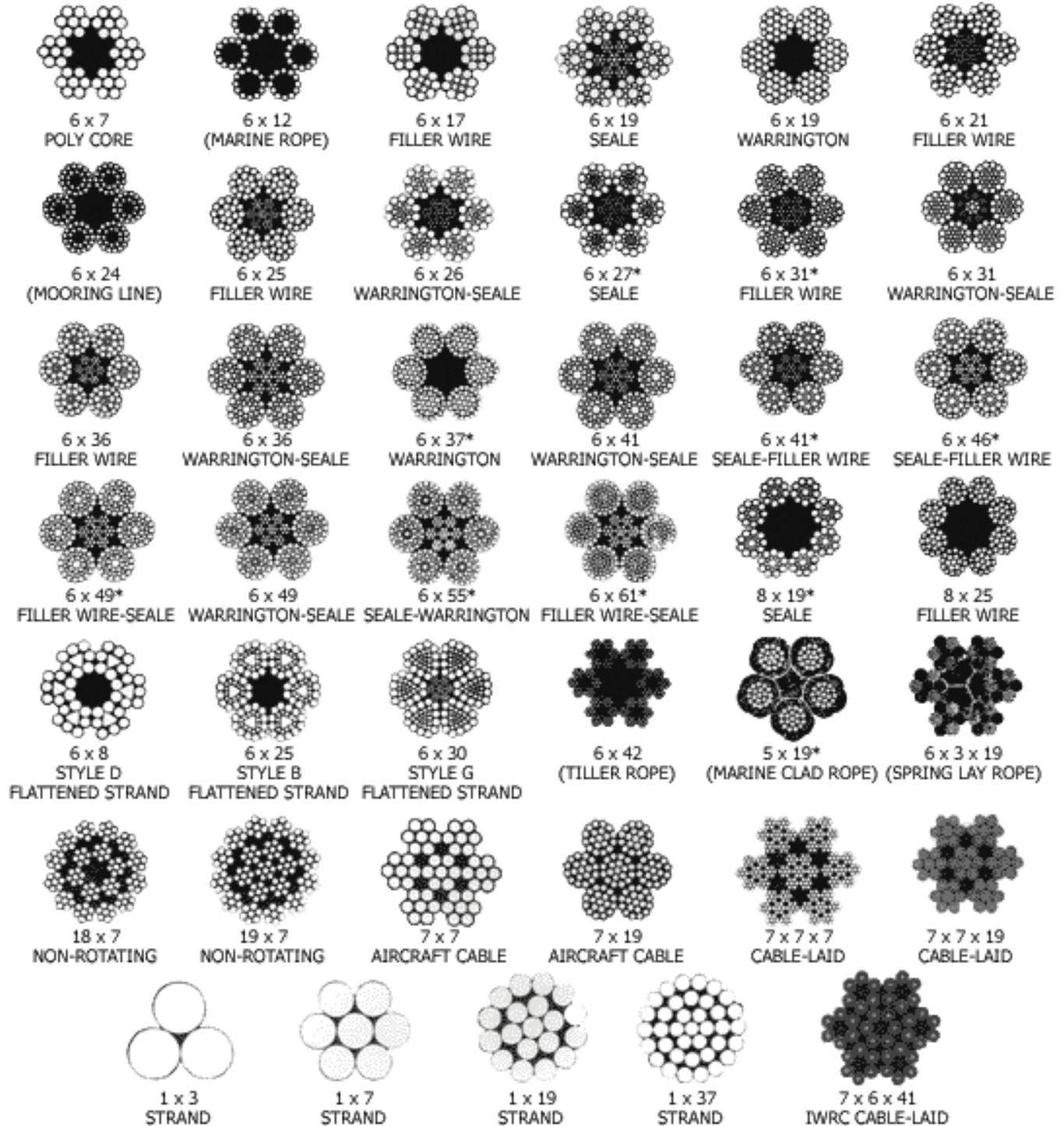
Alternate strands of right regular lay and right lang lay.



KEY



Wire Rope Cross Sections of the Past and Present



* Not Readily Available Any Longer

FRACTIONAL EQUIVALENT	DECIMAL EQUIVALENT	METRIC EQUIVALENT (mm)
1/64	.0156	.397
1/32	.0312	.794
3/64	.0469	1.191
1/16	.0625	1.588
5/64	.0781	1.984
3/32	.0938	2.381
7/64	.1094	2.778
1/8	.1250	3.175
<hr/>		
9/64	.1406	3.572
5/32	.1562	3.969
11/64	.1719	4.366
3/16	.1875	4.762
13/64	.2031	5.159
7/32	.2188	5.556
15/64	.2344	5.953
1/4	.2500	6.350
<hr/>		
17/64	.2656	6.747
9/32	.2812	7.144
19/64	.2969	7.541
5/16	.3125	7.938
21/64	.3281	8.334
11/32	.3438	8.731
23/64	.3594	9.128
3/8	.3750	9.525
<hr/>		
25/64	.3906	9.922
13/32	.4062	10.319
27/64	.4219	10.716
7/16	.4375	11.112
29/64	.4531	11.509
15/32	.4688	11.906
31/64	.4844	12.303
1/2	.5000	12.700

FRACTIONAL EQUIVALENT (in)	DECIMAL EQUIVALENT (in)	METRIC EQUIVALENT (mm)
33/64	.5156	13.097
17/32	.5312	13.494
35/64	.5469	13.891
9/16	.5625	14.288
37/64	.5781	14.684
19/32	.5938	15.081
39/64	.6094	15.478
5/8	.6250	15.875
<hr/>		
41/64	.6406	16.272
21/32	.6562	16.669
43/64	.6719	17.065
11/16	.6875	17.462
45/64	.7031	17.859
23/32	.7188	18.256
47/64	.7344	18.653
3/4	.7500	19.050
<hr/>		
49/64	.7656	19.447
25/32	.7812	19.844
51/64	.7969	20.241
13/16	.8125	20.638
53/64	.8281	21.034
27/32	.8438	21.461
55/64	.8594	21.828
7/8	.8750	22.225
<hr/>		
57/64	.8906	22.622
29/32	.9062	23.016
59/64	.9219	23.416
15/16	.9375	23.812
61/64	.9531	24.209
31/32	.9688	24.606
63/64	.9844	25.003
1	1.000	25.400

MASS CONVERSIONS

To convert from U.S. Tons to Metric Tons - Multiply by .907185
 To convert from Metric Tons to U.S. Tons - Multiply by 1.10231
 To convert from Metric Tons to Pounds - Multiply by 2,204.62
 To convert from Metric Tons to Kilograms - Multiply by 1,000
 To convert from Pounds to Kilograms - Multiply by .453592
 To convert from Kilograms to Pounds - Multiply by 2.20462

TEMPERATURE CONVERSIONS

To convert from Degree Fahrenheit to Degree Celsius Use
 $T_c = 5/9(t_f - 32)$
 To convert from Degree Celsius to Degree Fahrenheit Use
 $TF = 8/5(T_c) + 32$

CONSULT THE FOLLOWING SOURCES FOR IMPORTANT TECHNICAL LITERATURE AND/OR SAFETY MANUALS

American Iron & Steel Institute
 1000 16th Street N.W.
 Washington, DC 20036
 Telephone: (202) 452-7100

American National Standards Institute
 1430 Broadway
 New York, NY 10018
 Telephone: (212) 642-4900

American Petroleum Institute
 Division of Production
 300 Corrigan Tower Building
 Dallas, TX 75201
 Telephone: (214) 741-6791

The American Society of Mechanical Engineers
 22 Law Drive
 P.O. Box 2300
 Fairfield, NJ 07007
 Telephone: (973) 882-1170

American Society for Testing Material
 1916 Race Street
 Philadelphia, PA 19103
 Telephone: (215) 299-5585

Construction Safety Association of Ontario
 74 Victoria Street
 Toronto, Ontario, Canada M5C2A
 Telephone: (416) 366-1501

The Cordage Institute
 314 Lincoln Street, Suite 568
 Hingham, MA 02043
 Telephone: (617) 749-1016

The Hand Tools Institute
 25 N. Broadway
 Tarrytown, NY 10591
 Telephone: (914) 332-0040

National Safety Council
 444 N. Michigan Avenue
 Chicago, IL 60611
 Telephone: (312) 527-4800

Occupational Safety & Health Administration
 Department Of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210
 Telephone: (202) 523-9667

U.S. Government Printing Office
 Superintendent of Documents
 Washington, DC 20240
 Telephone: (202) 783-3238

WIRE ROPE AND WINCHLINES

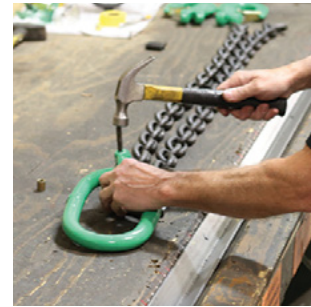
Our fully stocked and equipped wire rope fabrication shop can tackle even the most critical rigging applications. Whether it's for the oil & gas industry, excavation, crane operators, tow trucks and roll backs, MRO or a simple winchline for an ATV, we can handle the job. All of our products are certified and tested to meet applicable standards. Please review our E-Z GUIDE to assist you during the ordering process.



WIRE ROPE FABRICATION

CHAIN FABRICATION AND ASSEMBLY

If you are in need of a certified lifting chain, Grade 70 tie-down binder chain, cut lengths of Grade 30 Proof Coil or trailer safety chains, our chain shop can accommodate you. Our top quality components and careful fabrication get you the right chain products to get the job done. All of our chain products meet the applicable specifications, whether it be OSHA B30.9, ASTM J-684, API, Federal Military Specifications or DOT regulations. Again, please refer to our E-Z Guide to assist you during the ordering process. Our efficient chain shop is ready to get you the right products at the right price, in the fastest time frame.



CHAIN FABRICATION

SYNTHETIC FABRICATION

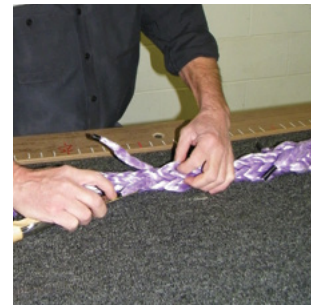
If it's web slings or tie downs you are looking for, we have you covered. Light weight and durable, our nylon and polyester slings are useful in many applications. Our web slings are certified to OSHA B30.9 and are tested regularly to guarantee performance. A great option for when you need a light weight, high strength, non-abrasive, safe, low cost alternative to get a rigging job completed. Again, please refer to our E-Z Guide to assist you during the ordering process. Our custom synthetic fabrication team stocks and can sew all sizes up to 12" 4 ply web slings. Additionally, we can outfit you with custom lifting products to meet your particular application, whether its for lifting barrels, a 4 leg bridle or an Endless Round Sling. If you need it, we can sew it!!!



SYNTHETIC FABRICATION

UHMWPE HIGH STRENGTH ROPE FABRICATION

These winchlines and slings offer a high strength, light weight alternative to wire rope. These ropes are hand spliced in house by our skilled technicians. UHMWPE is great for river and oilfield applications and is one of the safest products on the market. They are not recommended for applications where there is abrasion or heat. These products are safe and rated for overhead lifting.



UHMWPE ROPE FABRICATION

TRAILER SAFETY CHAIN ASSEMBLY

We are one of the largest trailer safety chain suppliers in the country. The reason for this is we realize that the "one size fits all" approach our competitors use just isn't flexible enough for the trailer manufacturing industry. Made in accordance with ASTM J-684, our safety chains range from a 2,000# GVWR up to 45,200# GVWR, we can outfit your trailer with the proper length to keep your customers safe out there on the road. In addition to use in the USA, our chains are approved for use in Canada by CSA International.



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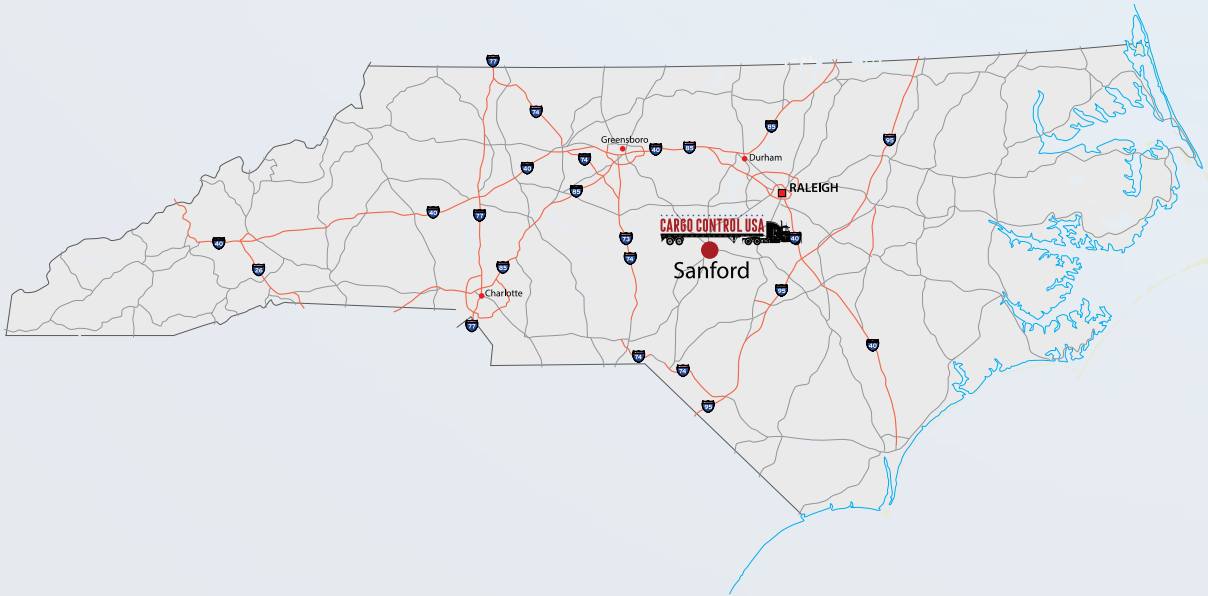
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