



REDWING COMPANY, INC. & REDWING LOGGING SUPPLY, INC.

"WE DELIVER"

419 MAIN STREET

MOUNT HOPE, WV 25880

TOLL FREE (800)766-0285 LOCAL (304)877-3385 FAX (304)877-3386

E-MAIL: SERVICE@REDWINGCOMPANY.COM

"When you need to lift it, drag it or tie it down, call Redwing!"



2019

TERMS AND CONDITIONS

- **PAYMENT:** Payment is due when goods leave Seller's possession. For approved accounts, terms are Net 30 Days. Outstanding accounts over 30 days will be charged 1.5% per month.
- **PRICES:** All prices are subject to change without notice and are subject to Seller's price at time of shipment.
- **FREIGHT:** Freight is free on all orders of \$2,500 or more and those delivered directly by Redwing on normal delivery runs.
- **TAXES:** Please furnish a Direct Pay Permit number or an exemption certificate.
- **RETURNS:** No goods may be returned without prior approval. Material cut to order, such as wire rope and chain is not returnable. Special order items will be subject to a restocking fee.

IMPORTANT PLEASE READ

Redwing Company, Inc. and Redwing Logging Supply, Inc. make no warranties, either expressed or implied to any purchaser, subsequent purchaser, or user regarding products purchased. Customers must rely solely on the expressed or implied warranties, if any, of the particular manufacturer of the products purchased. This disclaimer of warranties includes, but is not limited to, all implied warranties of merchantability and fitness. Redwing Company, Inc. and Redwing Logging Supply, Inc., also disclaims liability for direct, indirect, consequential or incidental damages.

IMPORTANT WARNINGS

1. Safe Work Load (**SWL**) or Working Load Limit (**WLL**) is the MAXIMUM load that should be applied. **SWL** and **WLL** ratings always apply to straight line pull. Avoid shock loading and side loading.
2. All persons working cranes, hoists, assisting in hooking or arranging a load should be instructed to keep out from under a load. Conduct all lifting operations in such a manner that if there were equipment failure, no personnel would be injured. This means keep out from under raised loads and keep out of line of force of any load.
3. Inspect items regularly and replace worn or deformed ones.
4. Chain assemblies of Grade 80 Alloy or higher w/ matched fittings are the only chain assemblies approved for overhead lifting.
5. **DO NOT EXCEED THE SAFE WORKING LOAD (SWL) OR WORKING LOAD LIMIT (WLL)**

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"We Deliver"

419 Main Street

Mount Hope, WV 25880

Office (304) 877-3385 or 1-800-766-0285

Redwing has been in business for more than 36 years. We are a family owned organization. We pride ourselves on the long-term relationships we have built with our customers. Our job is to make you successful with our products, and we take that job very seriously.

Redwing began as a supplier to conventional logging operations. Founder, Terry Travis, worked in the coal mines during the day. In his spare time, he kept logging supplies in the back of a pick-up. He found customers by following log trucks from the mill back to the jobsite. From this humble beginning, we have grown to service customers across the country while running our own trucks into 12 states regularly. We stock thousands of products to serve customers from dozens of industries. Below are specific examples of how Redwing can add value to your business:

▪ **Family Owned Organization**

This gives us the flexibility to make decisions quickly without all of the red tape and typical communication channels of a large organization. When you call Redwing, you will talk to someone who can answer your questions and get you what you need quickly.

▪ **Low Overhead Costs**

We maintain low overhead costs giving us the ability to operate on the lowest of profit margins.

▪ **Competitive Prices**

Although we are small in size, our buying power gives us the capability to offer prices that are competitive with the largest of companies.

▪ **Availability**

Redwing employees are always available to help our customers in every way possible. 24-7

There are many companies that sell the same products that we do. However, we can guarantee that there is no one else in the market that will take care of your rigging needs the way that Redwing will. We pride ourselves on customer service and our mission is to spoil you.

Sincerely,
Jarrod Brewer

"When you need to lift it, drag it or tie it down, call Redwing!"

Our Most Popular Products



Product Affiliation



- DOMESTIC WIRE ROPE
- IMPORT WIRE ROPE
- SYNTHETIC ROPE
- CHAIN (ALL GRADES)
- CHAINSAW BARS AND CHAIN
- CHAINSAW BAR OIL
- CHAINSAW SAFETY EQUIPMENT
- FIRST AID KITS
- FALL PROTECTION
- CLIMBING EQUIPMENT
- TIRE CHAINS
- HYDRAULIC OIL
- 2 STROKE MIX OIL
- INDUSTRIAL GREASE
- OVERHEAD LIFTING ACC.
- NYLON SLINGS
- HAND TOOLS
- PAINTS
- LIFTING CLAMPS
- LOGGING ACC. & RIGGING
- TAIL CHAINS
- WIRE ROPE SLINGS
- CHAIN SPREADERS
- CROSBY & CM PRODUCTS
- SNATCH BLOCKS
- NYLON AND POLY ROPE
- TOWING ACCESSORIES
- TOOL BOXES
- CONVEYER BELT GRIPPERS
- CARGO CONTROL PRODUCTS
- LEVER HOISTS
- SHAKLES, CLIPS, ETC.
- DRILL CABLES
- SLING TESTING & CERTIFICATION

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THERN
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X-TREME

ELECTROLINE

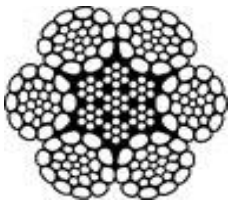
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LOGGING – ROPE SWAGED

6 STRAND WIRE ROPE

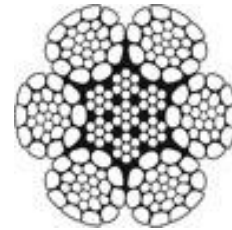


WireCo Swaged Rope Offers:

- High Strength and greater drum capacity for longer reaches in logging applications.
- Greater resilience to crushing and abrasion.
- Improved resistance to rotation on sheaves.
- Increased metallic cross-section and smoother surface improves spooling on drums resulting in less vibration.

Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
3/8	0.31	9.10
7/16	0.42	12.2
1/2	0.55	16.0
9/16	0.71	20.2
5/8	0.96	24.7
3/4	1.25	35.3
7/8	1.70	47.8
1	2.22	62.0
1 1/8	2.66	79.3
1 1/4	3.47	97.5

WIRE ROPE - POWER-SWAGE



- 30% higher strength than 6x19 swaged
- Minimum voids and greater surface area
- Reduced wear on sheave and drums

Union: Tested, Tough & True.

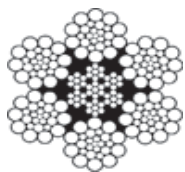
In logging applications that require an even longer and stronger rope, PowerSwage can pull its way to a longer service life for you. 30% higher in strength ratio, these wire ropes are designed to resist abrasion and drum crushing in logging applications.

It's the compact design with smoother wire surfaces that allows you to spool a greater length of rope onto drums than an unswaged rope of comparable size and strength.



Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
9/16	0.89	26.2
5/8	1.04	32.1

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STANDARD 6X26 IWRC (REGULAR STRAND)

- Fatigue resistance comparable to a 6x25FW
- Recommended in any application where a 6x25FW is used

Characteristics of Standard 6 x 26 Class Ropes

The 6x26 WS has better resistance to abrasion than a 6x25FW. It features a compact construction with solid support for the wires; therefore it has a high resistance to crushing.

Its number and relative size of the inner wires add to the stability of the strand and gives it a fatigue resistance comparable to a 6x25 FW. A standard 6X26 WS construction provides the best rope for a wide range of applications.

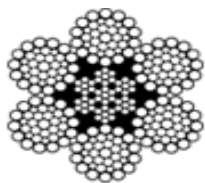
6X36 IWRC & 6x26 IWRC STRENGTH AND WEIGHTS CHART

AVAILABLE IN **IMPORT**
AND



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Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs.)		XXIP
		IPS	XIP	
1/4	0.116	2.94	3.4	--
5/16	0.18	4.58	5.27	--
3/8	0.26	6.56	7.55	8.3
7/16	0.35	8.89	10.2	11.2
1/2	0.46	11.5	13.3	14.6
9/16	0.59	14.5	16.8	18.5
5/8	0.72	17.9	20.6	22.7
3/4	1.04	25.6	29.4	32.4
7/8	1.42	34.6	39.8	43.8
1	1.85	44.9	51.7	56.9
1 1/8	2.34	56.5	65	71.5
1 1/4	2.89	69.4	79.9	87.9



STANDARD 6X36 IWRC (YELLOW STRAND)

- Fatigue resistant
- Abrasion resistant

The 6x36 classification of wire ropes includes standard 6 strand, round strand ropes with 27 through 49 wires per strand. The 6x36 ropes are important for their fatigue resistance. This fatigue resistance is made possible by the greater number of small wires per strand.

Characteristics of Standard 6 x 36 Class Ropes

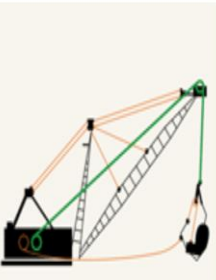


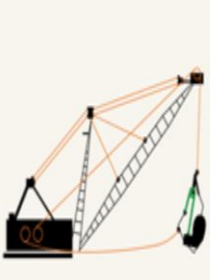




In most rope sizes, only one 6 x 36 classification rope is made. These constructions were selected to provide fatigue resistance without having wires that are too small.

The greater number of wires in the 6 x 36 classification makes these ropes more susceptible to crushing. This can be minimized, however, by specifying an Independent Wire Rope Core (IWRC) and by using well designed sheaves, grooved drums and proper operating techniques.

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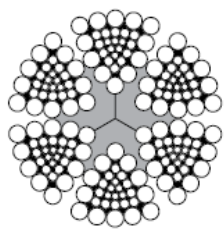
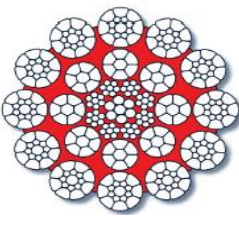
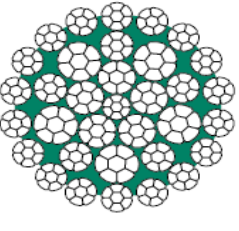
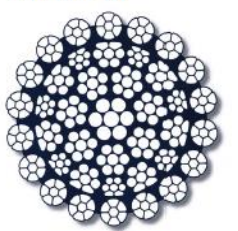
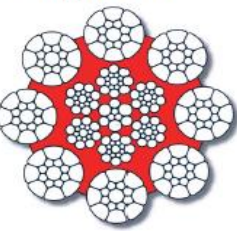
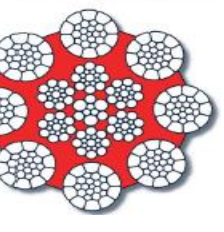
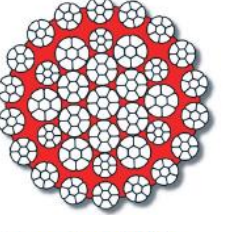
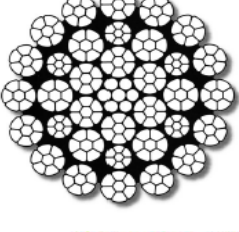
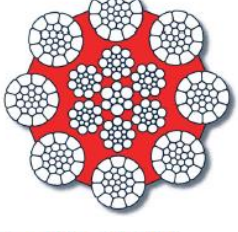
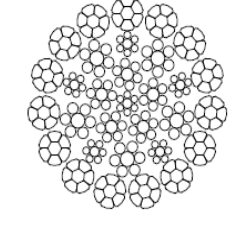
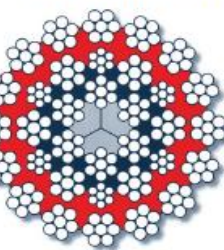
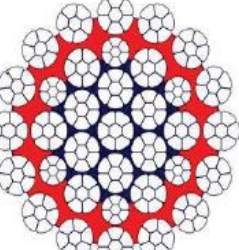
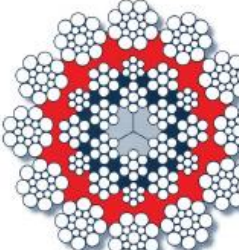
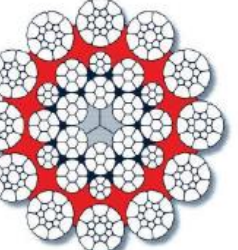
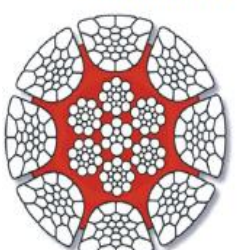
Surface Mining

Rope Selection

 <p>Dragline <u>Hoist</u> Drag Boom Pendant Dump</p>	 <p>Dragline Hoist <u>Drag</u> Boom Pendant Dump</p>	 <p>Dragline Hoist Drag <u>Boom Pendant</u> Dump</p>	 <p>Dragline Hoist Drag Boom Pendant <u>Dump</u></p>
 <p>Shovel Hoist Crowd/Retract <u>Boom Pendant</u> Trip</p>	 <p>Shovel Hoist Crowd/Retract Boom Pendant <u>Trip</u></p>	 <p>Shovel Hoist Crowd/Retract Boom Pendant <u>Trip</u></p>	 <p>Shovel Hoist <u>Crowd/Retract</u> Boom Pendant Trip</p>

Underground Mining

Rope Selection

Triangular (Flattened) Strand 	Douzeplast M 	NR Maxipact® PPI 	Eurolift M 	Duroplast M 
Turboplast M 	Powerplast M 	Starlift Plus M 	Turboplast M 	Towerlift 15 
Starplast M 	Starplast VM 	Mineplast M 	Mineplast VM 	Turbofit M 

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Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
3/8	0.27	7.55
7/16	0.37	10.2
1/2	0.49	13.3
9/16	0.61	16.8
5/8	0.76	20.6
3/4	1.09	29.4
7/8	1.49	39.8
1	1.94	51.7
1 1/8	2.46	65
1 1/4	3.03	79.9



7-Flex PFV

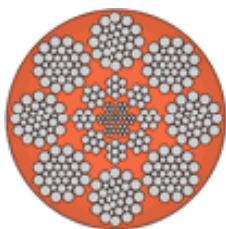
- Keep lubrication inside
- Provide greater wear area
- Reduce internal abrasion
- Reduce wire-contact stress

Combining the advantages of PFV, a high-grade thermoplastic material, extruded into a 7-Flex lubricated wire rope, provides additional advantages over non PFV ropes.

Through our process, the finished rope has the strand valleys between strands and interstices equally filled with plastic, which seals the lubricant and assures a balanced rope when finished.

On the inside, you'll find our 7-Flex wire rope that withstands the tough pressures of your demanding jobs while the PFV cushions the strands, distributes internal stresses, keeps in wire rope lubricant and keeps out dirt and debris.

TUF-MAX

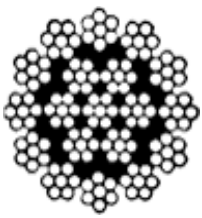


- Greater fatigue resistance over standard 6 strand ropes
- Dual coated core prevents internal nicking and notching
- Excellent surface mining shovel hoist rope

Diameter (in)	Approx Weight (lb/ft)	Minimum Breaking Force (lbs)
1 1/2	4.1	228,000
1 5/8	4.9	264,000
1 3/4	5.8	306,000
1 7/8	6.6	348,000
2	7.4	396,000
2 1/8	8.4	442,000
2 1/4	9.8	494,000
2 3/8	10.9	548,000
2 1/2	11.7	604,000

TUF-MAX™ ropes are the most fatigue-resistant ropes we offer for shovel hoist applications. These ropes provide increased abrasion resistance. Such advantages, combined with the qualities of an 8-strand rope and the toughness of PFV® ropes, result in maximum service for more digging time between rope changes.

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19x7 NON-ROTATING ROPE

Category 2, Rotation Resistant Rope.

Frequent and regular inspection for broken wires is critical when using rotation resistant rope.

Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs) XIP
3/16	0.064	1.57
1/4	0.113	2.77
5/16	0.177	4.3
3/8	0.25	6.15
7/16	0.35	8.33
1/2	0.45	10.8
9/16	0.58	13.6
5/8	0.71	16.8
3/4	1.02	24
7/8	1.39	32.5
1	1.82	42.2
1 1/8	2.30	53.1
1 1/4	2.83	65.1

Should not be used with a swivel.

In an application where a single-part hoist rope is used to lift a free load – or where rotation-resistant properties are essential for rope performance – the 19x7 can be used.

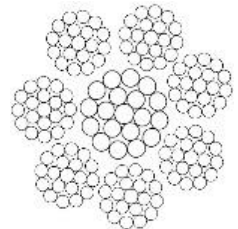
Its rotation-resistant characteristic is achieved by laying six strands around a core strand in one direction, then laying 12 strands around the first operation in the opposite direction.

When the rope is in tension, opposing rotational forces are created between the inner and outer layers.

GALVANIZED AIR CRAFT CABLE GAC & STAINLESS 7x19

Rope Dia. (in)	Approx. Wt/100 ft (lb)	Minimum Breaking Force (lb)	
		Galvanized	Stainless
1/16	.75	480	480
3/32	1.7	1,000	920
1/8	2.9	2,000	1,760
5/32	4.5	2,800	2,400
3/16	6.5	4,200	3,700
7/32	8.6	5,600	5,000
1/4	11.0	7,000	6,400
9/32	13.9	8,000	7,800
5/16	17.3	9,800	9,000
3/8	24.3	14,400	12,000

- Standard for Tuf-Grip assemblies for smaller sizes such as control cable applications
- Choose from stainless steel or galvanized carbon steel wire rope
- Steel core, recommended for Tuf-Grip assemblies



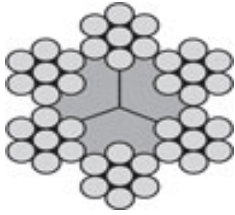
DO NOT USE FOR OVERHEAD LIFTING

These ropes are standard for Tuf-Grip assemblies for smaller sizes such as control cable applications.

Choose from two materials: stainless steel or galvanized carbon steel wire rope. Standard utility cable and fittings are suitable for most applications.

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6 X 7 GALVANIZED SAND LINE



- Provides longer service in hostile down-hole conditions
- Excellent abrasion resistance
- Operates smoothly and cleanly

Where extremely corrosive conditions shorten the service life and effectiveness of bright sand lines, the WRCA 6x7 galvanized delivers the goods. Zinc-coated to perform better in hostile down-hole conditions, our 6x7 galvanized sand line reduces rope changes, downtime, and increases productivity.

Made in Mexico.



Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000lbs)
1/2	0.38	10.3
9/16	0.48	13
5/8	0.59	15.9

6 X 7 FIBER CORE

The vast majority of this market utilizes a 6x7 Bright Fiber Core. In a 6x7 rope, the wires are larger than those of other constructions of the same diameter. Wires of a 6x7 are approximately twice the diameter of outer wires of a 6x25 FW rope.

The large size of the outer wires gives this class excellent abrasion resistance –at great sacrifice of bendability and resistance to fatigue. The standard 6x7 rope construction is made with fiber core and right regular lay.

Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
3/16	0.056	1.5
1/4	0.094	2.64
5/16	0.15	4.1
3/8	0.21	5.86 ^L
7/16	0.29	7.93
1/2	0.38	10.3
9/16	0.48	13
5/8	0.59	15.9
3/4	0.84	22.7

- Designed for harsh conditions
- Larger outer wires
- Excellent abrasion resistance



Union: Tested, Tough & True.



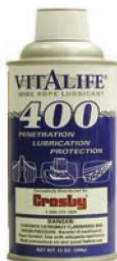
"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Vitalife® products are the preferred wire rope lubricants in the industry because of their ability to penetrate into wire rope and displace water and contaminants, thus reducing wear and corrosion throughout the rope.

- Available in a variety of container sizes.
- Provides inner strand preservation and lubricity.
- Allows for easy visual inspection of the ropes.
- Reduces the friction between the strands of the wire rope, thus extending rope life.
- Adheres to surface of strands, forming an outer film which provides excellent corrosive protection.
- Non-tacky (will not attract dust)
- Vitalife® in aerosol form is a regulated dangerous good. See MSDS sheet for shipping instructions.
- Vitalife® Bio-Lube has been developed especially for environmentally friendly applications.
- Vitalife® 500 has been developed exclusively for ski lifts and tramways.
- Vitalife® 600 has been developed exclusively for elevator applications.

VITALIFE®
400

VITALIFE® 400
12 OZ.



VITALIFE®
410

VITALIFE® 410
BIO-LUBE
12 OZ.



VITALIFE®
400

VITALIFE® 400
5 GALLON



VITALIFE®
400

VITALIFE® 400
55 GALLON



Vitalife® Type	Container Size	Vitalife® Stock No.	Weight Each (lbs.)
Vitalife® 400 (Standard)	12 Ounce	1038946	1.00
	5 Gallon	1038955	41.0
	55 Gallon	1038964	420
Vitalife® 410 BIO-LUBE (Environmentally Friendly)	12 Ounce	1039004	1.00
	5 Gallon	1039013	41.0
	55 Gallon	1039022	420
Vitalife® 500 (Ski Lifts and Tramways)	5 Gallon	1038973	41.0
	55 Gallon	1038982	420
Vitalife® 600 (Elevator Cables)	1 Quart	1039034	2.00
	1 Gallon	1039037	8.20
	5 Gallon	1039040	41.0
	55 Gallon	1039043	420

VSP Vitalife® Spray Applicators

- Designed and manufactured to work in the rugged field conditions of the construction industry.
- All applicator seals are specially designed to work with Vitalife® 400 and BIO-LUBE products.

Description	VSP Stock No.	Weight Each (lbs.)
4 Gallon Backpack Sprayer	1039092	11.8



View Video

SPRAY
APPLICATORS
BACKPACK
SPRAYER
4 GALLON



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



"slick just got slicker"™



The Original LUBE-A-BOOM®

Applications: Booms, Steering, U-Joints, King Pins, Masts, Rotators, Sideshifts, Rails, Bearings, Pins and Bushings

- A specially formulated synthetic lubricant containing PTFE and molybdenum
- Outperforms conventional petroleum-based greases
- Excellent performance in cold and hot weather
- Superior rust and corrosion protection
- Provides water and salt water resistance
- Extends wear pad life

Available in: 14 oz cartridges, P/N 010102
7# pail, P/N 010109 35# pail, P/N 010103
120# keg, P/N 010104 400# drum, P/N 010101



LUBE-A-PIN™

Applications: Bearings and Bushings - Construction, Industrial & Off-Highway

A premium heavy duty grease for pins, bushings & bearings

- NLGI #2 overbased calcium sulfonate thickener with 5% molybdenum
- Operating temperatures - 40 F to 400 F
- Exceptional pressure, shock loading and wear protection
- High performance and long life
- Outstanding rust and corrosion protection
- Excellent water washout protection
- Versatile, multi-purpose
- Nontoxic and environmentally friendly

Available in:
14 oz cartridges, P/N LAB022
35# pail, P/N LAB023



LUBE-A-ROPE™ Aerosol

Applications: Wire Ropes, Cables, Chains & Gears

- Provides a thin film that contains extreme pressure additives for maximum lubrication and protection
- Clings on and keeps working long after initial application
- Penetrates through dust, dirt and water, giving maximum wear resistance and rust protection
- Provides water and salt water resistance
- Excellent adherence properties
- Non-toxic and environmentally friendly

Available in: 15 oz aerosol, P/N 010107



LUBE-A-BOOM® Dry Film Aerosol

Applications: Open Gears, Extendable Hoe Arms, Extendable Axes, Outriggers, Counterweights

- Forms a thin, quick drying film that provides long-wearing lubrication and protection
- For high temperature applications where parts are exposed to continuous friction
- Formulation contains extreme pressure additives for heavy duty applications
- Repels dust and contaminants
- Excellent adherence properties

Available in: 12 oz aerosol, P/N 010106



P/N 010101



LUBE-A-BOOM® Aerosol

Applications: Booms, Forklift Masts, Sideshifts, Hard-To-Reach Areas (Upper Wear Pads), Sliding Surfaces, Provides lubrication for a multitude of other applications Made from the Original LUBE-A-BOOM® Product

- Contains PTFE
- Provides a lasting film, slick surface
- Provides excellent rust and corrosion protection
- Non-toxic, contains no heavy metals
- Environmentally friendly
- Easy to apply
- Outperforms conventional petroleum-based grease aerosols

Available in: 15 oz aerosol, P/N 010105



LUBE-A-GEAR™ Open Gear Aerosol

Applications: Cranes, Draglines, Hydraulic Excavators, Aerial Lifts, Other Types of Heavy Industrial Equipment with Rotating Bearings, Semi-Enclosed and Open Gears

- Easy to apply
- Excellent adhesion to metal surfaces
- Film provides lubrication and cushioning of gear teeth
- Resistant to water washout corrosion
- Extends gear teeth life
- Applicator tube supplied, allows pinpoint accuracy when required
- Extreme pressure and anti-wear properties

Available in: 14 oz aerosol, P/N 010108



LUBE-A-BOOM™ CLEAR Aerosol Heavy Duty Silicone Lubricant

Applications: Booms, Cranes, Aerial Lifts, Tow Vehicles, Tele-Handlers, Forklifts, Hinges, Doors, Cables, Gears, Sprockets, Chains, Linkage, Locks, Tools, Latches

- Provides a clear film
- Improves water resistance
- Reduces friction
- Multi-purpose
- Safe on most surfaces

Available in: 12 oz aerosol, P/N LAB026



LUBE-A-BOOM™ INSULATOR NON-CONDUCTIVE LUBRICANT

Applications: Aerial Lifts, Crane Booms, Cherry Pickers and Access Equipment

- Insulates, lubricates and protects equipment
- High dielectric strength
- Non-conductive lubricant
- Protects against moisture and corrosion
- Ideal friction reduction lubricant for use around power exposure

Available in: 12.5 oz aerosol, P/N 010110

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Wire Rope Thimbles

the **Crosby** group, inc.



Available in Import and Domestic

Rope Dia.		Stock No.		Weight Per 100 (kg)
(mm)	(in.)	G-414 Galv.	SS-414 Stainless	
6-7	1/4	1037639	1037960	2.95
* 8	5/16	1037657	1037988	5.35
* 9-10	3/8	1037675	1038004	9.80
11-12	7/16	1037693	-	15.7
* 13-15	1/2 - 9/16	1037719	1038022	23.1
* 16	5/8	1037755	1038040	34.3
* 18-20	3/4	1037773	1038068	72
22	7/8	1037791	-	81
24-26	1	1037817	-	142
28-32	1-1/8 - 1-1/4	1037835	-	181
32-35	1-1/4 - 1-3/8	1037853	-	402
35-38	1-3/8 - 1-1/2	1037871	-	587
40	1-5/8	1037899	-	771
44	1-3/4	1037915	-	805
48-52	1-7/8 - 2	1037933	-	1259
56	2-1/4	1037951	-	1792

Wire Rope End Fittings

Aluminum Swage Sleeve



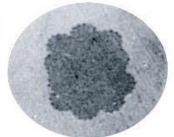
Swage Sleeve



Choker Ferrule
&
End Fittings



Cold Tuff Button



Screwy® Drumline Ferrule



Wedge-Type Ferrules permit the make up or repair of chokers and winch lines In minutes. No Swaging Equipment is Required.



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

S-421T Wedge Sockets



Scan this QR code with your smart device to view our Terminator video.

Also Available:
US-422T Utility Wedge Sockets
S-423T Super Terminator

S-421T



Wedge sockets meet the performance requirements of Federal Specification RR-S-550E, Type C, except those provisions required of the contractor. For additional information, see page 444.

- Wedge socket terminations have an efficiency rating of 80% based on the catalog strength of XXIP wire rope.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these sockets meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Type Approval and certification in accordance with ABS 2007 Steel Vessel Rules.1-1-17.7, and ABS Guide for Certification of Cranes.
- Basket is cast steel and individually magnetic particle inspected.
- Pin diameter and jaw opening allows wedge and socket to be used in conjunction with closed swage and spelter sockets.
- Secures the tail or "dead end" of the wire rope to the wedge, thus eliminates loss or "Punch out" of the wedge.
- Eliminates the need for an extra piece of rope, and is easily installed.
- The TERMINATOR™ wedge eliminates the potential breaking off of the tail due to fatigue.
- The tail, which is secured by the base of the clip and the wedge, is left undeformed and available for reuse.
- Incorporates Crosby's patented QUIC-CHECK® "Go" and "No-Go" feature cast into the wedge. The proper size rope is determined when the following criteria are met:
 - 1) The wire rope should pass thru the "Go" hole in the wedge.
 - 2) The wire rope should NOT pass thru the "No-Go" hole in the wedge.
- Utilizes standard Crosby Red-U-Bolt® wire rope clip.
- The 3/8" thru 1-1/8" standard S-421 wedge socket can be retrofitted with the new style TERMINATOR™ wedge.
- Available with Bolt, Nut, and Cotter Pin.
- U.S. patent 5,553,360, Canada patent 2,217,004 and foreign equivalents.
- Meets the performance requirements of EN 13411-6: 2003.

S-421T Wedge Sockets

Assembly includes Socket, Wedge, Pin and Wire Rope Clip

Wire Rope Dia.		S-421T Stock No.	API 2C S-421T Stock No.	Weight Each (lbs.)	S-421TW Stock No. Wedge Only	API 2C S-421TW Stock No. Wedge Only	Wedge Only Weight Each (lbs.)	Optional G-4082 Bolt, Nut & Cotter	
(in.)	(mm)							G-4082 Stock No.	Weight Each (lbs.)
3/8	9-10	1035000	1035005	3.18	1035555	1092230	.50	1092227	.38
1/2	11-13	1035009	1035014	6.15	1035564	1092248	1.05	1092236	.69
5/8	14-16	1035018	1035023	9.70	1035573	1092257	1.79	1092254	1.15
3/4	18-19	1035027	1035032	14.50	1035582	1092293	2.60	1092281	1.91
7/8	20-22	1035036	1035041	21.50	1035591	1092319	4.00	1092307	3.23
1	24-26	1035045	1035050	30.75	1035600	1092337	5.37	1092325	5.40
1-1/8	28	1035054	1035059	45.30	1035609	1092364	7.30	1092343	7.50
1-1/4	30-32	1035063	1035068	64.90	1035618	1092375	10.60	1092372	10.34

Wire Rope Dia.		S-421T Stock No.	API 2C S-421T Stock No.	Dimensions (in.)												
(in.)	(mm)			A	B	C +/- .09	D	G	H	J*	K*	L	P	R	S	T
3/8	9-10	1035000	1035005	5.69	2.72	.81	.81	1.38	3.06	7.80	1.88	.88	1.56	.44	2.13	.44
1/2	11-13	1035009	1035014	6.88	3.47	1.00	1.00	1.62	3.76	8.91	1.26	1.06	1.94	.50	2.56	.53
5/8	14-16	1035018	1035023	8.25	4.30	1.25	1.19	2.12	4.47	10.75	1.99	1.22	2.25	.56	3.25	.69
3/4	18-19	1035027	1035032	9.88	5.12	1.50	1.38	2.44	5.28	12.36	2.41	1.40	2.63	.66	3.63	.78
7/8	20-22	1035036	1035041	11.25	5.85	1.75	1.63	2.69	6.16	14.37	2.48	1.67	3.13	.75	4.31	.88
1	24-26	1035045	1035050	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
1-1/8	28	1035054	1035059	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
1-1/4	30-32	1035063	1035068	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

* Nominal NOTE: For intermediate wire rope sizes, use next larger size socket.

The S-423T Super TERMINATOR™ wedge is designed to be assembled only into the Crosby S-421T TERMINATOR™ socket body.

IMPORTANT: The S-423TW for sizes 5/8" through 1-1/8" (14mm through 28mm) will fit respective size standard Crosby S-421T basket. The 1-1/4" (30-32mm) S-423TW will only fit the Crosby S-421T 1-1/4" basket marked with "TERMINATOR™"

Open Spelter Sockets

CERTIFIED

PROOF TESTED TO TWICE THE WORK LOAD



Rope Dia.		Structural Strand Dia. (mm)	Ultimate Load (t)	Stock No.	
(mm)	(in.)			G-416 Galv.	S-416 S.C.
6-7	1/4	-	4.50	1039619	1039628
8-10	5/16-3/8	-	12.0	1039637	1039646
11-13	7/16-1/2	-	20.0	1039655	1039664
14-16	9/16-5/8	12-13	27.0	1039673	1039682
18	3/4	14-16	43.0	1039691	1039708
20-22	7/8	18-19	55.0	1039717	1039726
24-26	1	20-22	78.0	1039735	1039744
28-30	1-1/8	24-26	92.0	1039753	1039762
32-35	1-1/4 - 1-3/8	28	136	1039771	1039780
38	1-1/2	30-32	170	1039799	1039806
* 40-42	* 1-5/8	33-35	188	1039815	1039824
* 44-48	* 1-3/4 - 1-7/8	36-40	268	1039833	1039842
* 50-54	* 2 - 2-1/8	42-45	291	1039851	1039860
* 56-60	* 2-1/4 - 2-3/8	46-48	360	1039879	1039888
* 64-67	* 2-1/2 - 2-5/8	50-54	424	1041633	1041642
* 70-73	* 2-3/4 - 2-7/8	56-62	511	1041651	1041660
* 75-80	* 3 - 3-1/8	64-67	563	1041679	1041688
* 82-86	* 3-1/4 - 3-3/8	70-73	722	1041697	1041704
* 88-92	* 3-1/2 - 3-5/8	76-80	779	1041713	1041722
* 94-102	* 3-3/4 - 4	-	875	1041731	1041740

Closed Spelter Sockets

Rope Dia.		Structural Strand Dia. (mm)	Ultimate Load (t)	Stock No.		Weight Each (kg)
(mm)	(in.)			G-417 Galv.	S-417 S.C.	
6-7	1/4	-	4.50	1039897	1039904	.23
8-10	5/16 - 3/8	-	12.0	1039913	1039922	.34
11-13	7/16 - 1/2	-	20.0	1039931	1039940	.68
14-16	9/16 - 5/8	12-13	30.8	1039959	1039968	1.13
18	3/4	14-16	43.5	1039977	1039986	1.92
20-22	7/8	18-19	65.3	1039995	1040000	3.28
24-26	1	20-22	81.6	1040019	1040028	4.76
28-30	1-1/8	24-26	100	1040037	1040046	6.46
32-35	1-1/4 - 1-3/8	28	136	1040055	1040064	8.95
38	1-1/2	30-32	170	1040073	1040082	13.24
† 40-42	† 1-5/8	33-35	188	1040091	1040108	16.32
† 44-48	† 1-3/4 - 1-7/8	36-40	268	1040117	1040126	25.96
† 50-54	† 2 - 2-1/8	42-45	309	1040135	1040144	35.83
† 56-60	† 2-1/4 - 2-3/8	46-48	360	1040153	1040162	47.62
† 64-67	† 2-1/2 - 2-5/8	50-54	424	1041759	1041768	63.50
† 70-73	† 2-3/4 - 2-7/8	56-62	549	1041777	1041786	99.79
† 75-80	† 3 - 3-1/8	64-67	656	1041795	1041802	125
† 82-86	† 3-1/4 - 3-3/8	70-73	750	1041811	1041820	142
† 88-92	† 3-1/2 - 3-5/8	76-80	820	1041839	1041848	181
† 94 - 102	† 3-3/4 - 4	-	1005	1041857	1041866	246



CERTIFIED

PROOF TESTED TO TWICE THE WORK LOAD

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Open Swage Sockets



theCrosby[®]group, inc.

Other Brand Names Available!!

S-502 Stock No.	Rope Size		Wt. Each (kg)	Ultimate Load** (t)
	(mm)	(in.)		
1039325	6	1/4	.15	5.4
1039343	8	5/16	.34	11.8
1039361	9-10	3/8	.33	13.6
1039389	11-12	7/16	.64	18.1
1039405	13	1/2	.64	21.3
1039423	14	9/16	1.32	31.8
1039441	16	5/8	1.29	34.9
1039469	18-20	3/4	2.27	43.5
1039487	22	7/8	3.08	51.5
1039502	24-26	1	4.72	71.4
1039520	28	1-1/8	6.72	83.3
1039548	32	1-1/4	9.78	109
1039566	34-36	1-3/8	12.9	136
1039584	38-40	1-1/2	17.3	181
1039600	44	1-3/4	23.1	228
1042589	48-52	2	40.5	272

S-501 Stock No.	S-501B Stock No. **	Rope Size		Wt. Each (kg)	Ultimate Load* (t)
		(mm)	(in.)		
1039021	1054001	6	1/4	0.24	5.4
1039049	1054010	8	5/16	0.51	11.8
1039067	1054029	9-10	3/8	0.59	13.6
1039085	1054038	11-12	7/16	0.94	18.1
1039101	1054047	13	1/2	0.94	21.3
1039129	1054056	14	9/16	2.12	31.8
1039147	1054065	16	5/8	2.05	34.9
1039165	1054074	18-20	3/4	3.62	43.5
1039183	1054083	22	7/8	5.23	51.5
1039209	1054092	24-26	1	8.07	71.4
1039227	1054104	28	1-1/8	11.5	83.3
1039245	1054113	32	1-1/4	16.1	109
1039263	1054122	34-36	1-3/8	19.8	136
1039281	1054131	38-40	1-1/2	26.5	181
1039307	1054140	44	1-3/4	40.3	228
1042767	1054159	48-52	2	66	272

Closed Swage Sockets



theCrosby[®]group, inc.

Other Brand Names Available!!

Shank Hooks for Swaging



theCrosby[®]group, inc.

Other Brand Names Available!!

Wire Rope Size		Hook ID Code	Working Load Limit (Tons)*	S-319SWG Stock No.	Weight Each (kg)
(mm)	(in.)				
5	3/16	DC	0.4	1053002	.25
6-7	1/4	FC	0.7	1053011	.35
8	5/16	GC	1.1	1053020	.57
8	5/16	HC	1.1	1053039	.83
9-10	3/8	HC	1.6	1053048	.82
11	7/16	IC	2.1	1053057	1.65
12-13	1/2	IC	2.8	1053066	1.62
14-15	9/16	JC	3.5	1053075	3.34
16	5/8	JC	4.3	1053084	3.31
18	3/4	KC	6.2	1053093	5.77
20-22	7/8	LC	8.3	1053100	7.97
24-26	1	NC	11.0	1053119	14.3
28-30	1-1/8	OC **	14.0	1053128	24.4

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Forged Wire Rope Clips

Also Available In:
Import, Domestic, Galvanized, Zinc, and Stainless Steel

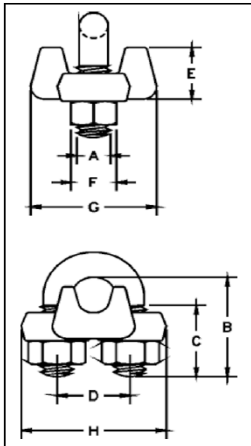
G-450



- Each base has a Product Identification Code (PIC) for material traceability, the name CROSBY or CG, and a size forged into it.
- Based on the catalog breaking strength of wire rope, Crosby wire rope clips have an efficiency rating of 80% for 1/8" - 7/8" sizes, and 90% for sizes 1" through 3-1/2".
- Entire Clip-Galvanized to resist corrosive and rusting action.
- Sizes 1/8" through 2-1/2" and 3" have forged bases.
- All Clips are individually bagged or tagged with proper application instructions and warning information.
- Clip sizes up through 1-1/2" have rolled threads.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these wire rope clips meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Look for the Red-U-Bolt®, your assurance of Genuine Crosby Clips.

Crosby Clips, all sizes 1/4" and larger, meet the performance requirements of Federal Specification FF-C-450 TYPE 1 CLASS 1, except for those provisions required of the contractor. For additional information, see page 444.

G-450 Crosby® Clips



Rope Size		G-450 Stock No.	Std. Package Qty.	Weight Per 100 (lbs.)	Dimensions (in.)							
(in.)	(mm)				A	B	C	D	E	F	G	H
1/8	3-4*	1010015	100	6	.22	.72	.44	.47	.37	.38	.81	.99
3/16	5*	1010033	100	10	.25	.97	.56	.59	.50	.44	.94	1.18
1/4	6-7	1010051	100	19	.31	1.03	.50	.75	.66	.56	1.19	1.43
5/16	8	1010079	100	28	.38	1.38	.75	.88	.73	.69	1.31	1.66
3/8	9-10	1010097	100	48	.44	1.50	.75	1.00	.91	.75	1.63	1.94
7/16	11	1010113	50	78	.50	1.88	1.00	1.19	1.13	.88	1.91	2.28
1/2	12-13	1010131	50	80	.50	1.88	1.00	1.19	1.13	.88	1.91	2.28
9/16	14-15	1010159	50	109	.56	2.25	1.25	1.31	1.34	.94	2.06	2.50
5/8	16	1010177	50	110	.56	2.25	1.25	1.31	1.34	.94	2.06	2.50
3/4	18-20	1010195	25	142	.62	2.75	1.44	1.50	1.39	1.06	2.25	2.84
7/8	22	1010211	25	212	.75	3.12	1.62	1.75	1.58	1.25	2.44	3.16
1	24-26	1010239	10	252	.75	3.50	1.81	1.88	1.77	1.25	2.63	3.47
1-1/8	28-30	1010257	10	283	.75	3.88	2.00	2.00	1.91	1.25	2.81	3.59
1-1/4	32-34	1010275	10	438	.88	4.44	2.22	2.34	2.17	1.44	3.13	4.13
1-3/8	36	1010293	10	442	.88	4.44	2.22	2.34	2.31	1.44	3.13	4.19
1-1/2	38	1010319	10	544	.88	4.94	2.38	2.59	2.44	1.44	3.41	4.44
1-5/8	41-42	1010337	Bulk	704	1.00	5.31	2.62	2.75	2.66	1.63	3.63	4.75
1-3/4	44-46	1010355	Bulk	934	1.13	5.75	2.75	3.06	2.92	1.81	3.81	5.24
2	48-52	1010373	Bulk	1300	1.25	6.44	3.00	3.38	3.03	2.00	4.44	5.88
2-1/4	56-58	1010391	Bulk	1600	1.25	7.13	3.19	3.88	3.19	2.00	4.56	6.38
2-1/2	62-65	1010417	Bulk	1900	1.25	7.69	3.44	4.13	3.69	2.00	4.69	6.63
** 2-3/4	** 68-72	1010435	Bulk	2300	1.25	8.31	3.56	4.38	4.88	2.00	5.00	6.88
3	75-78	1010453	Bulk	3100	1.50	9.19	3.88	4.75	4.44	2.38	5.31	7.61
** 3-1/2	** 85-90	1010426	Bulk	4000	1.50	10.75	4.50	5.50	6.00	2.38	6.19	8.38

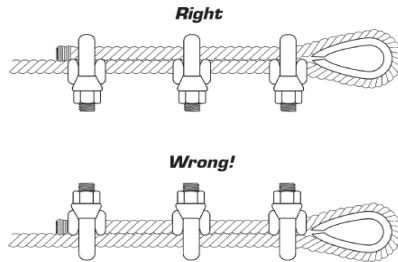
* Electro-plated U-Bolt and Nuts. ** 2-3/4" and 3-1/2" base is made of cast steel.

Also Available:

FIST GRIP®
CLIPS
3/4" - 1-1/2"



the Crosby group, inc.



Clip Size (in.)	Rope Size (in.)	Minimum No. of Clips	Amount of Rope to Turn Back in Inches	* Torque in Ft.Lbs.
1/8	1/8	2	3-1/4	4.5
3/16	3/16	2	3-3/4	7.5
1/4	1/4	2	4-3/4	15
5/16	5/16	2	5-1/4	30
3/8	3/8	2	6-1/2	45
7/16	7/16	2	7	65
1/2	1/2	3	11-1/2	65
9/16	9/16	3	12	95
5/8	5/8	3	12	95
3/4	3/4	4	18	130
7/8	7/8	4	19	225
1	1	5	26	225
1-1/8	1-1/8	6	34	225
1-1/4	1-1/4	7	44	360
1-3/8	1-3/8	7	44	360
1-1/2	1-1/2	8	54	360
1-5/8	1-5/8	8	58	430
1-3/4	1-3/4	8	61	590
2	2	8	71	750
2-1/4	2-1/4	8	73	750
2-1/2	2-1/2	9	84	750
2-3/4	2-3/4	10	100	750
3	3	10	106	1200
3-1/2	3-1/2	12	149	1200

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Winch Line Tail Chain - Alloy



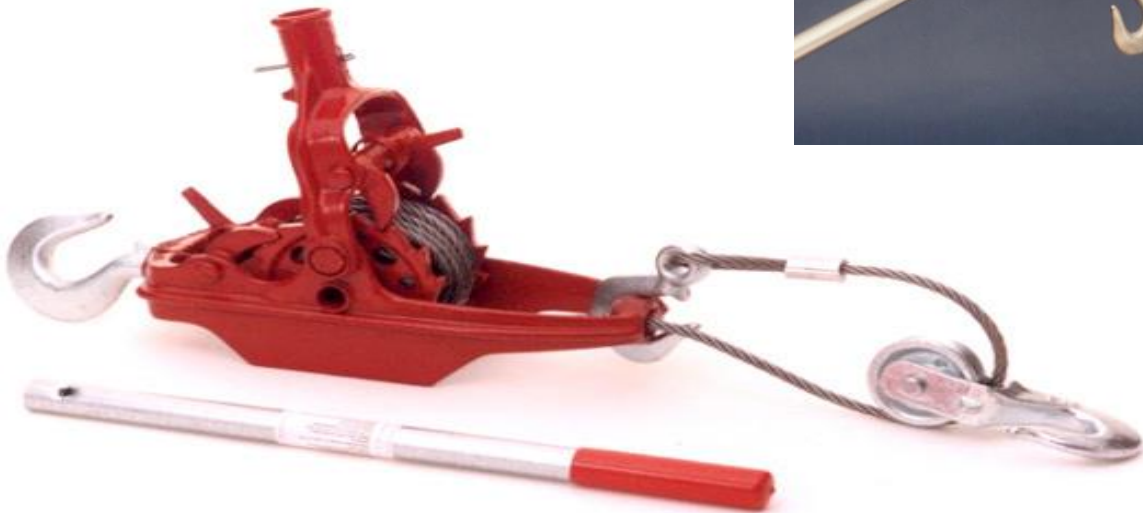
Trade Size		Lgth.	No. of Links	Wire Rope Dia.	Lbs. Per Ea.	WLL.	
In.	MM					Lbs.	Kgs.
1/2	13	18	8	5/16 - 3/8	6.8	12,000	5,442
5/8	16	18	7	1/2 - 5/8	8.9	18,100	8,209
3/4	19	18	6	3/4 - 7/8	15.5	28,300	12,834
7/8	22	24	8	1 - 1-1/8	22.2	34,200	15,510
1	26	24	6	1 - 1-1/8	24.0	47,700	21,633



ACCO's Winch Line Tail Chain is a flexible attachment for use with wire rope. Length specified is exclusive of hook. Use same size chains as wire rope. The hook is dropped forged alloy steel and heat treated for extra durability. The hook is designed to prevent wear on wire rope. NOT FOR OVERHEAD LIFTING.



Capacity: 2-TON (4,000lbs)
Length: 20'
Cable Size: 5/16" 6x37
Hooks: Frame, End and Tackle Block w/o Latch



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



Impact Cutters

The original portable tools invented in 1928 by Morse-Starrett to cut wire rope. Actuated by striking with a hammer, they are easy to operate and give superior performance without jamming. They are precision-engineered to deliver a clean cut without affecting the original roundness of the wire rope. The blades and dies are made of the finest tool steel available, heat-treated, and ground to close tolerances.

Top Blade & Die Sets In-Stock

Model 1
3/4" Capacity



Model 1A
1-1/16" Capacity



Model 2
1 1/2" Capacity



Manual Cutters

These self-contained hydraulic cutters are precision engineered tools designed to give a clean cut with minimum effort. Just pump the handle, no outside power is required. Able to be easily carried, these models are favorites of contractors, rigging lofts and elevator repairmen, and are recommended by wire rope manufacturers worldwide. All three models will operate under water with a slight modification.

Model W-075
3/4" Capacity



Model P-1125
1 1/8" Capacity



Model C-1750
1 3/4" Capacity

Power Operated

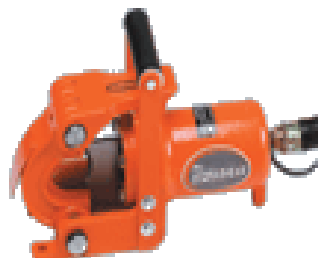
These models can be activated by any electric, gasoline, hand, battery or air operated hydraulic pump capable of developing 10,000 p.s.i. and having free flow return through the pressure line. The pumps are then hose-connected to the Hydrashear body.



Model POC 1125
1 1/8" Capacity

Model POC 1750
1 3/4" Capacity

Maximum travel return line has been added to POC 1750



POC 1750 w/ Pump



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

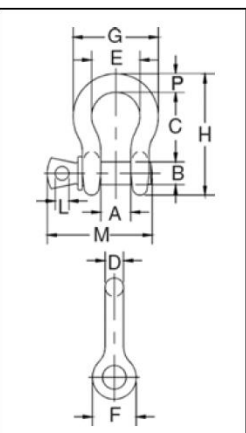
Shackles

Available in Domestic and Import

Available in Crosby, Drop Forged, Stainless Steel and Malleable



G-209 / S-209



Nominal Size (in.)	Working Load Limit (t)*	Stock No.		Weight Each (kg)	Dimensions (mm)													Tolerance + / -	
		G-209	S-209		A	B	C	D	E	F	G	H	L	M	P	C	A		
3/16	1/3	1018357	-	.03	9.65	6.35	22.4	4.85	15.2	14.2	24.9	37.3	4.06	28.4	4.85	1.50	1.50		
1/4	1/2	1018375	1018384	.05	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	4.85	35.1	6.35	1.50	1.50		
5/16	3/4	1018393	1018400	.09	13.5	9.65	31.0	7.85	21.3	19.1	37.3	53.0	5.60	42.2	7.85	3.30	1.50		
3/8	1	1018419	1018428	.14	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63.0	6.35	51.5	9.65	3.30	1.50		
7/16	1-1/2	1018437	1018446	.17	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74.0	7.85	60.5	11.2	3.30	1.50		
1/2	2	1018455	1018464	.33	20.6	16.0	47.8	12.7	33.3	30.2	58.5	83.5	9.65	68.5	12.7	3.30	1.50		
5/8	3-1/4	1018473	1018482	.62	26.9	19.1	60.5	16.0	42.9	38.1	74.5	106	11.2	85.0	17.5	6.35	1.50		
3/4	4-3/4	1018491	1018507	1.07	31.8	22.4	71.5	19.1	51.0	46.0	89.0	126	12.7	101	20.6	6.35	1.50		
7/8	6-1/2	1018516	1018525	1.64	36.6	25.4	84.0	22.4	58.0	53.0	102	148	12.7	114	24.6	6.35	1.50		
1	8-1/2	1018534	1018543	2.28	42.9	28.7	95.5	25.4	68.5	60.5	119	167	14.2	129	26.9	6.35	1.50		
1-1/8	9-1/2	1018552	1018561	3.36	46.0	31.8	108	29.5	74.0	68.5	131	190	16.0	142	31.8	6.35	1.50		
1-1/4	12	1018570	1018589	4.31	51.5	35.1	119	32.8	82.5	76.0	146	210	17.5	156	35.1	6.35	1.50		
1-3/8	13-1/2	1018598	1018605	6.14	57.0	38.1	133	36.1	92.0	84.0	162	233	19.1	174	38.1	6.35	3.30		
1-1/2	17	1018614	1018623	7.80	60.5	41.4	146	39.1	98.5	92.0	175	254	20.6	187	41.1	6.35	3.30		
1-3/4	25	1018632	1018641	12.6	73.0	51.0	178	46.7	127	106	225	313	25.4	231	57.0	6.35	3.30		
2	35	1018650	1018669	20.4	82.5	57.0	197	53.0	146	122	253	348	31.0	263	61.0	6.35	3.30		
2-1/2	55	1018678	1018687	38.9	105	70.0	267	69.0	184	145	327	453	35.1	330	79.5	6.35	6.35		



Round Pin Shackles

Can be used in tie down, towing, suspension or lifting applications where the load is strictly applied in-line. Round pin shackles should never be used in rigging applications to gather multiple sling legs, or where side loading conditions may occur.



Bolt-Type Shackles

Can be used in any application where round pin or screw pin shackles are used. In addition, they are recommended for permanent or long term installations and where the load may slide on the shackle pin causing the pin to rotate. The bolt-type shackle's secondary securement system, utilizing a nut and cotter, eliminates the requirement to tighten pin before each lift or movement of load.



Screw Pin Shackles

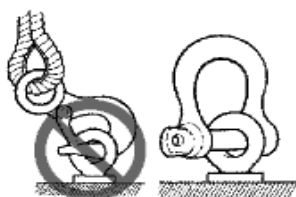
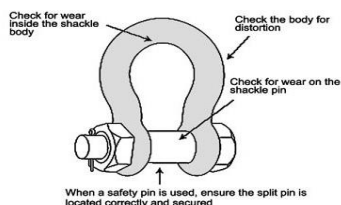
Can be used in Pick and Place* applications. For permanent or long-term installations, Crosby recommends the use of bolt type shackles. If you choose to disregard Crosby's recommendation, the screw pin shall be secured from rotation or loosening. Screw pin shackles can be used for applications involving side-loading circumstances. Reduced working load limits are required for side-loading applications. While in service, do not allow the screw pin to be rotated by a live line, such as a choker application. * Pick and Place application: Pick (move) a load and place as required.

Tighten screw pin before each pick.

Additional shackles available:

Quick Release

Long Reach Shackle








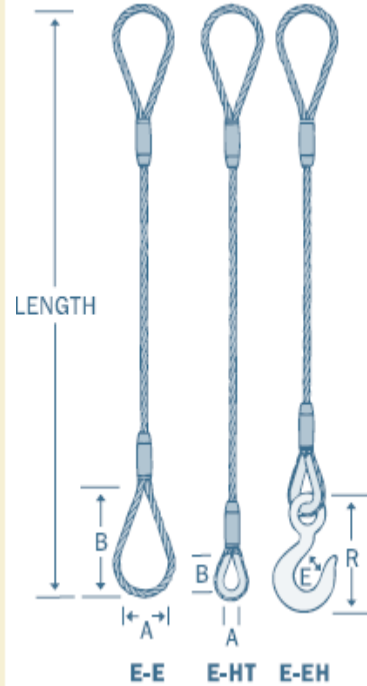
"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Import or Domestic Available

Wire Rope Slings



	Rope Dia. (in.)	RATED CAPACITY - Tons*						E-E Eye Dimensions		E-HT Thimble		E-EH Hook		
		 Vert.	 Choker Hitch ***	Basket Hitch										
				 60°	 45°	 30°	A	B	A	B	WLL** Tons	E	R	
6 X 19 XIP®	1/4	0.65	0.48	1.3	1.1	0.91	0.65	2.0	4	0.88	1.63	3/4	0.89	3.34
	5/16	1.0	0.74	2.0	1.7	1.4	1.0	2.5	5	1.06	1.88	1	0.91	3.81
	3/8	1.4	1.1	2.9	2.5	2.0	1.4	3.0	6	1.13	2.13	1-1/2	1.00	4.14
	7/16	1.9	1.4	3.9	3.4	2.7	1.9	3.5	7	1.25	2.38	2	1.09	4.69
	1/2	2.5	1.9	5.1	4.4	3.6	2.5	4.0	8	1.50	2.75	3	1.36	5.77
	9/16	3.2	2.4	6.4	5.5	4.5	3.2	4.5	9	1.50	2.75	5	1.61	7.37
	5/8	3.9	2.9	7.8	6.8	5.5	3.9	5.0	10	1.75	3.25	5	1.61	7.37
	3/4	5.6	4.1	11	9.7	7.9	5.6	6.0	12	2.00	3.75	7-1/2	2.08	9.07
7/8	7.6	5.6	15	13	11	7.6	7.0	14	2.25	4.25	10	2.27	10.08	
6 X 36 XIP®	1	9.8	7.2	20	17	14	9.8	8.0	16	2.50	4.50	10	2.27	10.08
	1-1/8	12	9.1	24	21	17	12	9.0	18	2.88	5.13	15	3.02	12.53
	1-1/4	15	11	30	26	21	15	10.0	20	2.88	5.13	15	3.02	12.53
	1-3/8	18	13	36	31	25	18	11	22	3.50	6.25	AH-22	3.02	12.53
	1-1/2	21	16	42	37	30	21	12	24	3.50	6.25	AH-22	3.02	12.53
	1-5/8	24	18	49	42	35	24	13	26	4.00	8.00	AH-30	3.25	14.06
	1-3/4	28	21	57	49	40	28	14	28	4.50	9.00	AH-37	3.00	18.19
	2	37	28	73	63	52	37	16	32	6.00	12.00	AH-45	3.38	20.12
	2-1/4	44	35	89	77	63	44	18	36	7.00	14.00	AH-60	4.12	23.72
	2-1/2	54	42	109	94	77	54	20	40					
	2-3/4	65	51	130	113	92	65	22	44					
	3	77	60	153	133	108	77	24	48					
	3-1/2	102	79	203	176	144	102	28	56					
	4	130	101	260	224	183	130	32	64					






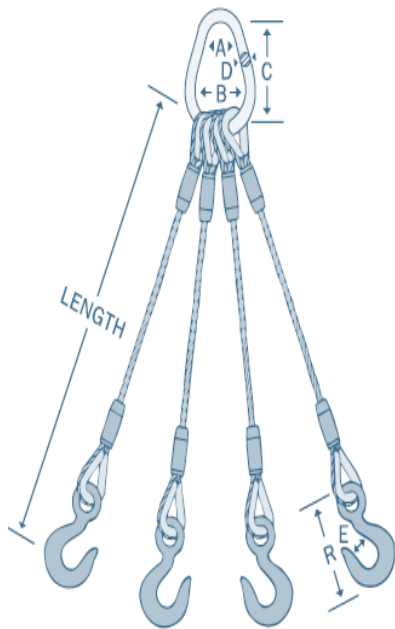
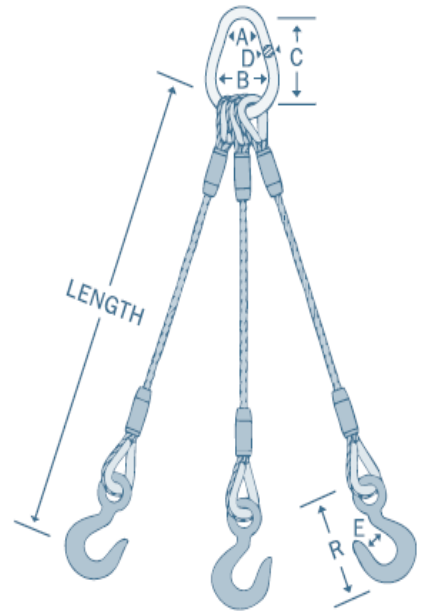
	Rope Dia. (in.)	RATED CAPACITY - Tons*			Alloy Oblong Link			Hook		
		60°	45°	30°	D	L	W	WLL** Tons	E	R
6 X 19 XIP®	1/4	1.1	0.91	0.65	0.50	5.00	2.50	3/4	0.89	3.34
	5/16	1.7	1.4	1.0	0.50	5.00	2.50	1	0.91	3.81
	3/8	2.5	2.0	1.4	0.50	5.00	2.50	1-1/2	1.00	4.14
	7/16	3.4	2.7	1.9	0.75	5.50	2.75	2	1.09	4.69
	1/2	4.4	3.6	2.5	0.75	5.50	2.75	3	1.36	5.77
	9/16	5.5	4.5	3.2	1.00	7.00	3.50	5	1.61	7.37
	5/8	6.8	5.5	3.9	1.00	7.00	3.50	5	1.61	7.37
	3/4	9.7	7.9	5.6	1.00	7.00	3.50	7-1/2	2.08	9.07
6 X 36 XIP®	7/8	13	11	7.6	1.25	8.75	4.38	10	2.27	10.08
	1	17	14	9.8	1.50	10.50	5.25	10	2.27	10.08
	1-1/8	21	17	12	1.50	10.50	5.25	15	3.02	12.53
	1-1/4	26	21	15	1.75	12.00	6.00	15	3.02	12.53
	1-3/8	31	25	18	1.75	12.00	6.00	AH-22	3.02	12.53
	1-1/2	37	30	21	2.00	14.00	7.00	AH-22	3.02	12.53
	1-5/8	42	35	24	2.00	14.00	7.00	AH-30	3.25	14.06
	1-3/4	49	40	28	2.25	16.00	8.00	AH-37	3.00	18.19
	2	63	52	37	2.50	16.00	8.00	AH-45	3.38	20.12




"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Import or Domestic Available

Wire Rope Slings

	Rope Dia. (in.)	RATED CAPACITY - Tons*			Alloy Pear Link			Hook			
					A	B	C	D	WLL** Tons	E	R
6 X 19 XIP®	1/4	1.7	1.4	0.97	1.50	3.00	4.50	3/4	3/4	0.89	3.34
	5/16	2.6	2.1	1.5	1.50	3.00	4.50	3/4	1	0.91	3.81
	3/8	3.7	3.0	2.2	1.75	3.50	5.25	7/8	1-1/2	1.00	4.14
	7/16	5.0	4.1	2.9	2.00	4.00	6.00	1	2	1.09	4.69
	1/2	6.6	5.4	3.8	2.00	4.00	6.00	1	3	1.36	5.77
	9/16	8.3	6.8	4.8	2.25	4.50	6.50	1-1/8	5	1.61	7.37
	5/8	10	8.3	5.9	2.50	5.00	7.50	1-1/4	5	1.61	7.37
	3/4	15	12	8.4	3.25	6.50	9.75	1-5/8	7-1/2	2.08	9.07
	7/8	20	16	11	3.50	7.00	10.50	1-3/4	10	2.27	10.08
	1	26	21	15	3.50	7.00	10.50	1-3/4	10	2.27	10.08
6 X 36 XIP®	1-1/8	31	26	18	4.00	8.00	12.00	2	15	3.02	12.53
	1-1/4	38	31	22	4.50	9.00	13.50	2-1/4	15	3.02	12.53
	1-3/8	46	38	27	5.00	10.00	15.00	2-1/2	AH-22	3.02	12.53
	1-1/2	55	45	32	5.00	10.00	15.00	2-1/2	AH-22	3.02	12.53
	1-5/8	63	52	37	5.50	11.00	16.50	2-3/4	AH-30	3.25	14.06
	1-3/4	74	60	42	5.50	11.00	16.50	2-3/4	AH-37	3.00	18.19



	Rope Dia. (in.)	RATED CAPACITY - Tons*			Alloy Pear Link			Hook			
					A	B	C	D	WLL** Tons	E	R
6 X 19 XIP®	1/4	2.2	1.8	1.3	1.50	3.00	4.50	3/4	3/4	0.89	3.34
	5/16	3.5	2.8	2.0	1.50	3.00	4.50	3/4	1	0.91	3.81
	3/8	5.0	4.1	2.9	1.75	3.50	5.25	7/8	1-1/2	1.00	4.14
	7/16	6.7	5.5	3.9	2.00	4.00	6.00	1	2	1.09	4.69
	1/2	8.8	7.1	5.1	2.50	5.00	7.50	1-1/4	3	1.36	5.77
	9/16	11	9.0	6.4	2.75	5.50	8.25	1-3/8	5	1.61	7.37
	5/8	14	11	7.8	3.00	6.00	9.00	1-1/2	5	1.61	7.37
	3/4	19	16	11	3.50	7.00	10.50	1-3/4	7-1/2	2.08	9.07
	7/8	26	21	15	3.50	7.00	10.50	1-3/4	10	2.27	10.08
	1	34	28	20	4.00	8.00	12.00	2	10	2.27	10.08
6 X 36 XIP®	1-1/8	42	34	24	4.50	9.00	13.50	2-1/4	15	3.02	12.53
	1-1/4	51	42	30	5.00	10.00	15.00	2-1/2	15	3.02	12.53
	1-3/8	62	50	36	6.00	12.00	18.00	3	AH-22	3.02	12.53
	1-1/2	73	60	42	6.00	12.00	18.00	3	AH-22	3.02	12.53



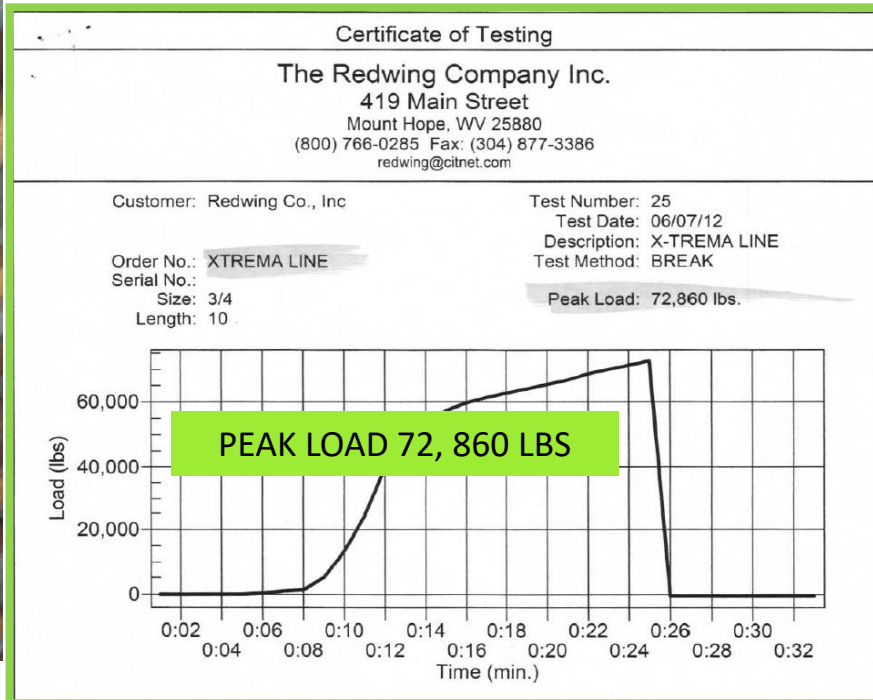
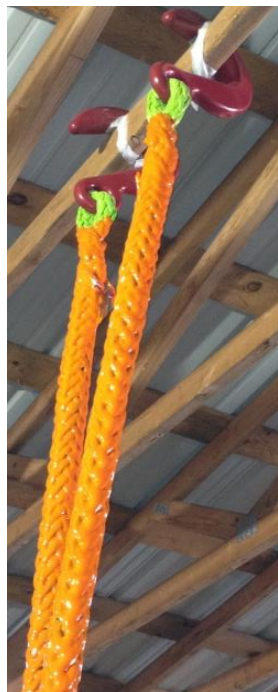
All slings are fabricated to customer specifications..

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

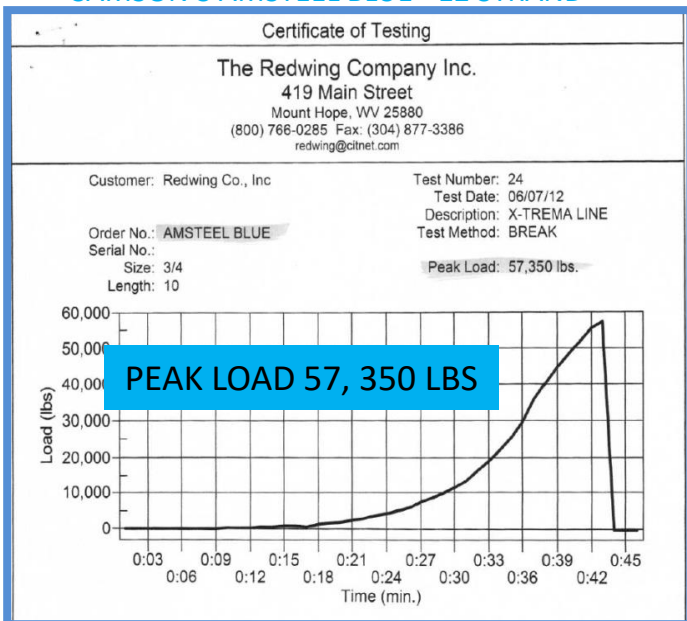
X-TREMA LINE

X-Trema Line® 12 Strand Braids - Dyneema® (HMPE)

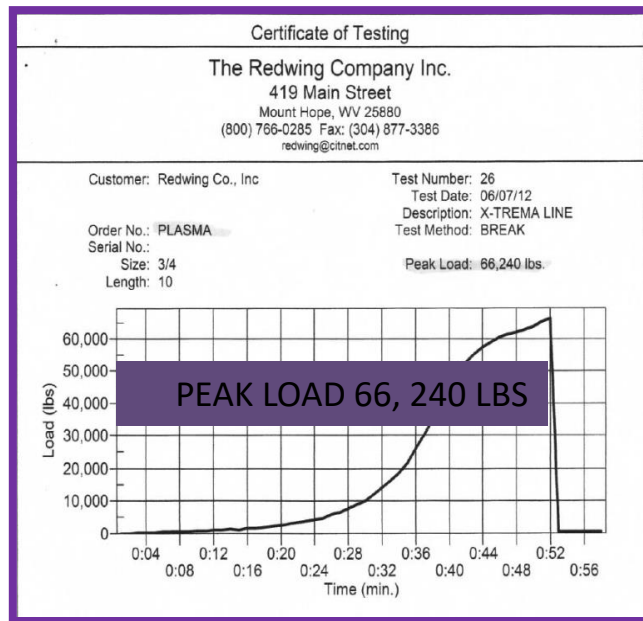
In a head to head pull test against Samson's Amsteel Blue and Cortland's Plasma Synthetic Rope, X-Trema Line surpassed expectations. Results below.



SAMSON'S AMSTEEL BLUE - 12 STRAND



CORTLAND'S PLASMA - 12 STRAND



APPLICATIONS

- TOWING
- LIFTING
- FISHING
- MOORING SYSTEMS
- OFFSHORE INSTALLATION
- MOORING WINCHES



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

X-Trema Line



X-Trema Line is a twelve-strand HMPE (High Modulus Polyethylene) rope made from SK78 Dyneema® fibers. Our X-Trema Line has an unmatched weight-to-strength ratio. Compared to a steel wire rope of the same size, it will match the breaking strength at only 15% of the weight.

The high-visibility orange coating is intended as a safety feature to maintain line visibility even after heavy use. With a specific gravity of 0.98 it is the lightest/strongest rope available and even floats on water. It also features excellent resistance to abrasion, UV, salt water, bending and tension fatigue. X-Trema Line is widely used in both surface and deep mining operations including recovery lines, tow lines, shield hawing lines, winch lines or almost any man-handled wire rope application where reduced weight will be of benefit.

Characteristics

Melting point:
293 °F (145 °C)

Specific gravity:
0.98

Abrasion Resistance:
excellent

Elongation at break:
approximately 2.5%

X-Trema Line elongations at a given load factor, as a percentage of the minimum breaking force of the rope:

MBF	Elongation
20%	0.5%
30%	0.7%
40%	0.8%
50%	1.0%

IMPERIAL				METRIC		
Diameter (in)	Circumference (in)	Weight (lb/100ft)	MBF Spliced (lb)	Diameter (mm)	Weight (kg/100 m)	MBF Spliced (kN)
1/8	3/8	0.51	3,000	3	0.76	13.3
3/16	9/16	1	6,000	5	1.5	26.7
1/4	3/4	1.5	7,500	6	2.2	33
5/16	1	2.4	12,100	8	3.6	54
3/8	1 1/4	3.9	20,000	10	5.8	89
1/2	1 1/2	5.8	32,100	12	8.7	143
9/16	1 3/4	6.9	37,500	14	10.2	167
5/8	2	9.5	51,600	16	14.1	230
3/4	2 1/4	11.7	63,300	18	17.4	282
13/16	2 1/2	13.8	75,700	20	20.6	337
7/8	2 3/4	17.5	94,900	22	26.1	422
1	3	20.8	110,000	24	30.9	490
1 1/16	3 1/4	24.9	129,000	26	37	576
1 1/8	3 1/2	29.0	148,000	28	43.2	657
1 1/4	3 3/4	32.5	164,000	30	48.4	729
1 5/16	4	37.2	184,000	32	55.3	819
1 3/8	4 1/4	41.8	204,000	34	62.2	909
1 1/2	4 1/2	46	220,000	36	68	981
1 9/16	4 3/4	51	245,000	38	76	1,089
1 5/8	5	57	270,000	40	85.1	1,202
1 3/4	5 1/2	70	322,000	44	104	1,431
2	6	83	382,000	48	124	1,697

	RATED	SAFETY	WORK LOAD LIMIT (TONS)		
DIA.	BREAK (LBS)	FACTOR OF 5	VERTICAL	CHOKER	BASKET
GROMMETS:					
1/4"	4.8	1.0	1.6	1.0	3.2
5/16"	7.7	1.5	2.6	1.5	5.1
3/8"	10.4	2.1	3.5	2.1	6.9
7/16"	13.1	2.6	4.4	2.6	8.8
1/2"	17.8	3.6	5.9	3.6	11.9
9/16"	22.9	4.6	7.6	4.6	15.3
5/8"	28.6	5.7	9.5	5.7	19.1
3/4"	31.7	6.3	10.6	6.3	21.1
7/8"	47.5	9.5	15.8	9.5	31.7
1"	55.0	11.0	18.4	11.0	36.7
1-1/8"	74.0	14.8	24.7	14.8	49.4
1-1/4"	82.0	16.4	27.4	16.4	54.8
1-3/8"	102.0	20.4	34.1	20.4	68.1
1-1/2"	110.0	22.0	36.7	22.0	73.5
1-3/4"	161.0	32.2	53.8	32.3	107.5
2"	191.0	38.2	63.8	38.3	127.6

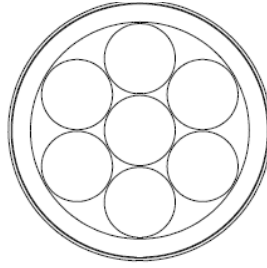
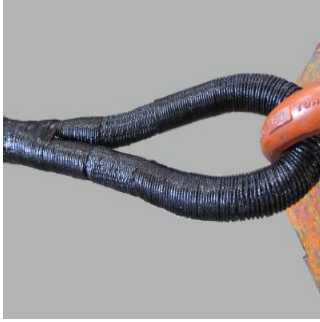
	RATED		SAFETY		WORK LOAD LIMIT (TONS)		
	DIA.	BREAK (TONS)	FACTOR OF 5	VERTICAL	CHOKER	BASKET	
EYE-TO EYE (STANDARD):							
	1/4"	4.8	1.0	1.0	0.6	1.9	
	5/16"	7.7	1.5	1.5	0.9	3.1	
	3/8"	10.4	2.1	2.1	1.2	4.2	
	7/16"	13.1	2.6	2.6	1.6	5.2	
	1/2"	17.8	3.6	3.6	2.1	7.1	
	9/16"	22.9	4.6	4.6	2.7	9.2	
	5/8"	28.6	5.7	5.7	3.4	11.4	
	3/4"	31.7	6.3	6.3	3.8	12.7	
	7/8"	47.5	9.5	9.5	5.7	19.0	
	1"	55.0	11.0	11.0	6.6	22.0	
	1-1/8"	74.0	14.8	14.8	8.9	29.6	
	1-1/4"	82.0	16.4	16.4	9.8	32.8	
	1-3/8"	102.0	20.4	20.4	12.2	40.8	
	1-1/2"	110.0	22.0	22.0	13.2	44.0	
	1-3/4"	161.0	32.2	32.2	19.3	64.4	
	2"	191.0	38.2	38.2	22.9	76.4	

	RATED	SAFETY	WORK LOAD LIMIT (TONS)		
DIA.	BREAK (TONS)	FACTOR OF 5	60 DEGREES	45 DEGREES	30 DEGREES
DOS:			0.865	0.707	0.500
1/4"	9.5	1.9	1.6	1.3	1.0
5/16"	15.3	3.1	2.6	2.2	1.5
3/8"	20.8	4.2	3.6	2.9	2.1
7/16"	26.2	5.2	4.5	3.7	2.6
1/2"	35.5	7.1	6.1	5.0	3.6
9/16"	45.8	9.2	7.9	6.5	4.6
5/8"	57.1	11.4	9.9	8.1	5.7
3/4"	63.3	12.7	11.0	9.0	6.3
7/8"	94.9	19.0	16.4	13.4	9.5
1"	110.0	22.0	19.0	15.6	11.0
1-1/8"	148.0	29.6	25.6	20.9	14.8
1-1/4"	164.0	32.8	28.4	23.2	16.4
1-3/8"	204.0	40.8	35.3	28.8	20.4
1-1/2"	220.0	44.0	38.1	31.1	22.0
1-3/4"	322.0	64.4	55.7	45.5	32.2
2"	382.0	76.4	66.1	54.0	38.2

	RATED		SAFETY		WORK LOAD LIMIT (TONS)		
	DIA.	BREAK (TONS)	FACTOR OF 5		60 DEGREES	45 DEGREES	30 DEGREES
TOS & QOS:					0.865	0.707	0.500
	1/4"	14.3	2.9		2.5	2.0	1.4
	5/16"	23.0	4.6		4.0	3.2	2.3
	3/8"	31.2	6.2		5.4	4.4	3.1
	7/16"	39.3	7.9		6.8	5.6	3.9
	1/2"	53.3	10.7		9.2	7.5	5.3
	9/16"	68.7	13.7		11.9	9.7	6.9
	5/8"	85.7	17.1		14.8	12.1	8.6
	3/4"	95.0	19.0		16.4	13.4	9.5
	7/8"	142.4	28.5		24.6	20.1	14.2
	1"	165.0	33.0		28.5	23.3	16.5
	1-1/8"	222.0	44.4		38.4	31.4	22.2
	1-1/4"	246.0	49.2		42.6	34.8	24.6
	1-3/8"	306.0	61.2		52.9	43.3	30.6
	1-1/2"	330.0	66.0		57.1	46.7	33.0
	1-3/4"	483.0	96.6		83.6	68.3	48.3
	2"	573.0	114.6		99.1	81.0	57.3

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

TufTow tow ropes are available in the following sizes:



Part Number (Dia.)	Weight	RBS
in	lb/ft	lb
1	0.4	100,000
1 1/2	0.6	210,000
1 3/4	0.9	310,000
2 3/4	1.8	590,000
3	2.5	830,000

- Fabricated from high strength Technora® aramid fiber for maximum strength to diameter ratio and low stretch for safety.
- High strength/low stretch stranded fiber core construction
- Double protective jacketing:
 - Inner braided polyester jacket
 - Outer urethane coating
- Spliced eyes furnished as soft eyes reinforced with high tenacity fiber or with optional wire rope thimbles ("hard eyes")
- Standard color is black, other colors available upon request



TUFSTROP

• Haul Truck safety tie-backs are a critical safety tool during any haul truck maintenance operation. Union TufStrops are designed from high molecular weight polyethylene fiber (HMPE) for maximum strength at minimum weight.

Reduced weight = safer to handle and install

No broken wire hazards

No kink damage design

Safety orange for high visibility

Easy visual inspection criteria...no internal hidden wear or corrosion

Same strength whether wet or dry

Minimal moisture absorption...will not freeze-up in cold wet weather

Excellent chemical resistance

Non-conductive

Minimal moisture absorption

Resistant to fuels and cleaning solutions

Excellent abrasion resistance

Excellent UV resistance



TufStrop outer protective coatings and sleeving enhances the properties of the HMPE fiber with increased UV and abrasion resistance making for a tough, durable, long lasting safety cable.

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

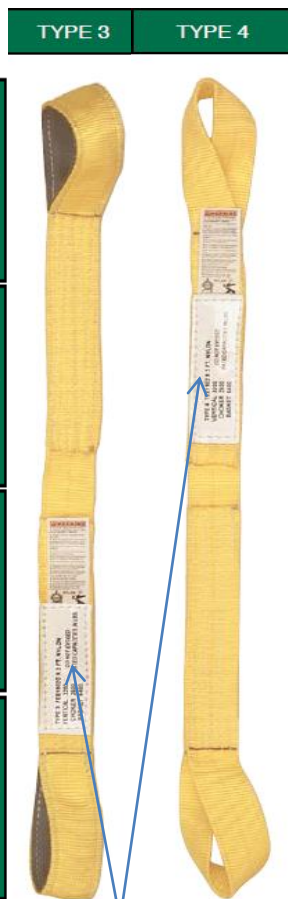
Nylon Round Endless

Ask about other sizes and configures available, including multi-leg Bridle's!!



ENDLESS ROUNDSLINGS						
LIFT CAPACITIES ACCORDING TO TYPE (COLOR) AND HITCH USED						
Code	Color	Rated Capacities in Pounds			Min. Length (ft.)	Approx. Weight (lbs/ft.)
		Vertical	Choker	Basket		
SWG30	Purple	2,650	2,120	5,300	1.5	0.20
SWG60	Green	5,300	4,240	10,600	1.5	0.30
SWG90	Yellow	8,400	6,720	16,800	2	0.50
SWG120	Tan	10,600	8,500	21,200	2	0.60
SWG150	Red	13,200	10,560	26,400	3	0.80
SWG180	Orange	16,800	13,440	33,600	3	0.90
SWG240	Blue	21,200	17,000	42,400	3	1.30
SWG300	Orange	25,000	20,000	50,000	3	1.50
SWG360	Grey	31,700	25,300	63,400	3	1.70
SWG500	Orange	40,000	32,000	80,000	4	2.20
SWG600	Brown	52,900	42,300	105,800	6	2.80
SWG800	Olive	66,100	52,880	132,200	6	3.40
SWG1000	Black	90,000	72,000	180,000	6	4.30

Web Width (in.)	Rated Capacities in Pounds			Eye Length (in.)	
	Vertical	Choker	Basket		
1	1,600	1,250	3,200	9	1 PLY
2	3,200	2,500	6,400	9	
3	4,800	3,800	9,600	12	
4	6,400	5,000	12,800	12	
6	9,600	7,700	19,200	18	
8	12,800	10,200	25,600	24	
10	16,000	12,800	32,000	30	2 PLY
12	19,200	15,400	38,400	30	
1	3,200	2,500	6,400	9	
2	6,400	5,000	12,800	9	
3	8,600	6,900	17,200	12	
4	11,500	9,200	23,000	12	
6	16,300	13,000	32,600	18	3 PLY
8	19,200	15,400	38,400	24	
10	22,400	17,900	44,800	30	
12	26,900	21,500	53,800	30	
1	4,100	3,300	8,200	12	
2	8,300	6,600	16,600	12	
3	12,500	10,000	25,000	18	4 PLY
4	16,000	12,800	32,000	18	
6	23,000	18,400	46,000	24	
8	30,700	24,500	61,400	30	
10	36,800	29,400	73,600	36	
12	44,000	35,200	88,000	36	
1	5,000	4,000	10,000	12	4 PLY
2	10,000	8,000	20,000	12	
3	14,900	11,900	29,800	18	
4	19,800	15,800	39,600	18	
6	29,800	23,800	59,600	24	
8	39,700	31,700	79,400	30	
10	49,600	39,600	99,200	36	
12	59,500	47,600	119,000	36	



CUSTOM ORDER WITH YOUR LOGO

Endless or Grommet

TYPE 5



Sling Saver Fittings



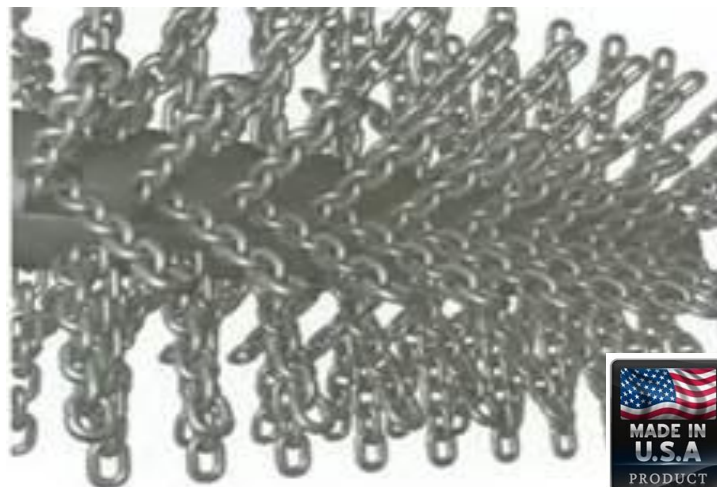
WARNING
Do not exceed rated capacities. Sling capacity decreases as the angle decreases. Do not use at an angle less than 30° from horizontal.

Web Width (in.)	Rated Capacities in Pounds			
	Vertical	Choker	Basket	
1	3,200	2,500	6,400	1 PLY
2	6,400	5,000	12,800	
3	8,600	6,900	17,200	
4	11,500	9,200	23,000	
6	16,300	13,000	32,600	
8	19,200	15,400	38,400	
10	22,400	17,900	44,800	2 PLY
12	26,900	21,500	53,800	
1	6,200	4,900	12,400	
2	12,200	9,800	24,400	
3	16,300	13,000	32,600	
4	20,700	16,500	41,400	
6	28,600	23,000	57,200	3 PLY
8	30,700	24,500	61,400	
10	33,600	26,800	67,200	
12	37,600	30,000	75,200	
1	8,000	6,400	16,000	
2	16,000	12,800	32,000	
3	21,500	17,200	43,000	4 PLY
4	28,700	23,000	57,400	
6	40,700	32,500	81,400	
8	46,000	36,800	92,000	
10	51,500	41,200	103,000	
12	59,200	47,300	118,400	
1	10,000	8,000	20,000	4 PLY
2	19,800	15,800	39,600	
3	26,700	21,300	53,400	
4	35,600	28,400	71,200	
6	50,500	40,400	101,000	
8	57,600	46,000	115,200	
10	67,200	53,700	134,400	4 PLY
12	80,700	64,500	161,400	

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



DEBARKING CHAIN



There are few tasks as formidable as delimbing and debarking and even fewer chains that stand up to the job as well as Peerless Chain Company's 630-S and 656 chain.

Peerless 630-S Debarking Chain							
Part Number	Number of Links	Material Diameter	Inside Link Dimensions	Length in Inches Inside to Outside	Pieces Per Drum	Weight Per Drum	Unit of Order
5720010	7	.630	.95" x 1.68"	12.06"	150	591 lbs.	Drum
5720011	8	.630	.95" x 1.68"	13.74"	140	629 lbs.	Drum
5720012	9	.630	.95" x 1.68"	15.42"	125	632 lbs.	Drum
5720013	10	.630	.95" x 1.68"	17.10"	110	619 lbs.	Drum
5720014	11	.630	.95" x 1.68"	18.78"	100	618 lbs.	Drum
5720015	12	.630	.95" x 1.68"	20.46"	90	608 lbs.	Drum
5720016	13	.630	.95" x 1.68"	22.14"	80	586 lbs.	Drum

The durable 630-S to handle a wide range of tree species and climates. The rugged 656 is designed for more aggressive debarking in colder climates.

Peerless 656 Debarking Chain (Fiber Drum)							
Part Number	Number of Links	Material Diameter	Inside Link Dimensions	Length in Inches Inside to Outside	Pieces Per Drum	Weight Per Drum	Unit of Order
5850010	7	.656	.94" x 1.85"	13.61"	150	675 lbs.	Drum
5850011	8	.656	.94" x 1.85"	15.46"	140	720 lbs.	Drum
5850012	9	.656	.94" x 1.85"	17.31"	125	725 lbs.	Drum
5850013	10	.656	.94" x 1.85"	19.16"	110	705 lbs.	Drum
5850014	11	.656	.94" x 1.85"	21.01"	100	705 lbs.	Drum
5850015	12	.656	.94" x 1.85"	22.86"	90	695 lbs.	Drum
5850016	13	.656	.94" x 1.85"	24.71"	80	670 lbs.	Drum

PEERLESS™ debarking chains are subject to a continuous and rigorous quality control process.

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Cargo Control

Available in Import and Domestic



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Binders

Available in Import and Domestic

FORGED RATCHET LOAD BINDER

GRADES 30, 43, 70, 80, 100



WORKING LOAD LIMIT: 2,600 TO 16,000 LBS.

BENEFITS & FEATURES

- Handle is designed loose using self-locking, one-way bolts allowing easy removal of unwanted debris such as mud, snow or ice
- Proof tested to 50% of the minimum breaking strength
- Gears are permanently welded to the barrel
- Durable powder coated finish



Chain Grade & Size (in.)					Product Code	End Fittings	Standard Package	Working Load Limit (lbs.)	Take Up (in.)	Handle Length (in.)	Barrel Size O.D. (Diam. x Length) (in.)	Screw Diameter (in.)	Weight (lbs.)
G30	G43	G70	G80	G100									
1/4	1/4	—	—	—	48364	Hook / Hook	4	2,600	4	12	1-5/16 x 6	5/8	5.4
—	—	—	—	—	48811	Eye / Eye (no hook)	4	5,400	8.5	12	1-5/16 x 10	3/4	8.6
—	—	—	—	—	48363	Eye / Eye (no hook)	4	13,000	8	14	1-1/2 x 10	1	9.8
3/8	3/8	5/16	—	—	46565	Body Only	4	5,400	8	—	1-1/2 x 10	1	11.0
1/2	1/2	3/8	—	—	46566	Body Only	4	9,200	8	—	1-1/2 x 10	1	11.7
—	—	—	—	—	46565H	Handle Only	4	—	—	14	—	—	4.3
3/8	3/8	5/16	—	—	48810	Hook / Hook	4	5,400	8.5	12	1-5/16 x 10	3/4	8.6
3/8	3/8	3/8	3/8	—	48360	Hook / Hook	4	7,100	8	14	1-1/2 x 10	1	13.0
3/8	3/8	5/16	5/16	—	48365	Hook / Hook	4	5,400	8	14	1-1/2 x 10	1	12.0
1/2	1/2	3/8	3/8	—	48366	Hook / Hook	4	9,200	8	14	1-1/2 x 10	1	13.0
5/8	5/8	1/2	1/2	—	48367	Hook / Hook	4	13,000	8	14	1-1/2 x 10	1	16.0
—	1/2	1/2	1/2	—	48458	Hook / Hook	4	12,000	8	14	1-1/2 x 10	1	13.0
—	3/8	3/8	3/8	3/8	48455	Hook / Hook	4	8,800	8	14	1-1/2 x 10	1	16.0
1/2	1/2	1/2	1/2	1/2	48358	Hook / Hook	4	15,000	8	14	1-1/2 x 10	1	16.0
1/2	1/2	1/2	1/2	1/2	48387	Hook / Hook	4	16,000	8	14	1-1/2 x 10	1	16.0

FORGED LEVER LOAD BINDER GRADES 30, 43, 70, 80

WORKING LOAD LIMIT: 2,600 TO 9,200 LBS.



BENEFITS & FEATURES

- All components are forged, not cast
- Forged binders are lighter and stronger than cast binders
- Under equal force a forged handle will yield and bend while a cast handle may break



Chain Grade & Size (in.)				Product Code	Working Load Limit (lbs.)	Handle Take Up (in.)	Handle Length (in.)	Weight (lbs.)
G30	G43	G70	G80					
1/4	1/4	—	—	48304	2,600	3.75	11.25	3.0
3/8	3/8	5/16	—	48305	5,400	4.50	16.12	8.1
1/2	1/2	3/8	—	48306	9,200	4.75	16.62	10.6
3/8	3/8	3/8	3/8	48769	7,100	4.50	16.62	8.1

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Grade 30 Proof Coil Chain (NACM)



DO NOT USE FOR OVERHEAD LIFTING

Trade Size		Wire Dia. (In.)	Inside Link Dim. (Inches)		Ft. Per Drum	Net Wt. (Lbs.)	Working Load Limit	
In.	MM		Length (Nominal)	Width (Min.)			Lbs.	Kgs.
3/16	5.5	0.217	0.950	0.405	800	320	800	363
1/4	7	0.274	1.236	0.480	800	508	1,300	590
5/16	8	0.328	1.285	0.480	550	512	1,900	862
3/8	10	0.392	1.374	0.551	400	544	2,650	1,202
1/2	13	0.509	1.782	0.750	200	460	4,500	2,042
5/8	16	0.625	2.016	0.851	150	554	6,900	3,131
3/4	20	0.781	2.610	1.020	100	542	10,600	4,808
7/8	22	0.904	2.570	1.260	75	573	12,800	5,806
1	26	1.032	2.900	1.435	60	606	17,900	8,119

Grade 43 High Test Chain

Trade Size		Wire Dia. (In.)	Inside Link Dim. (Inches)		Ft. Per Drum	Net Wt. (Lbs.)	Working Load Limit	
In.	MM		Length (Nominal)	Width (Min.)			Lbs.	Kgs.
1/4	7	0.274	1.236	0.480	800	508	2,600	1,180
5/16	8	0.328	1.285	0.480	550	512	3,900	1,770
3/8	10	0.392	1.374	0.551	400	544	5,400	2,450
1/2	13	0.509	1.782	0.750	200	460	9,200	4,174
5/8	16	0.625	2.016	0.851	150	554	13,000	5,897
3/4	20	0.781	2.610	1.020	100	542	20,200	9,163
7/8	22	0.904	2.570	1.260	75	582	24,500	11,113
1	26	1.032	2.870	1.420	60	606	30,000	13,608



DO NOT USE FOR OVERHEAD LIFTING

Grade 70 Import Transport Chain



DO NOT USE FOR OVERHEAD LIFTING

Trade Size		Wire Dia. (Inches)	Inside Link Dim. (Inches)		Ft. Per Drum	Net Wt. (Lbs.)	Working Load Limit	
Inches	MM		Length (Nominal)	Width (Min.)			Lbs.	Kgs.
1/4	7	0.281	0.980	0.410	800	570	3,150	1,429
5/16	8	0.343	1.100	0.470	550	630	4,700	2,132
3/8	10	0.406	1.190	0.550	400	615	6,600	2,994
1/2	13	0.531	1.600	0.750	200	526	11,300	5,127
5/8	16	0.630	2.020	0.550	150	563	15,800	7,166



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

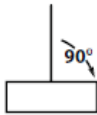
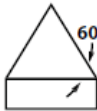




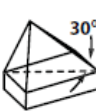
OVERHEAD LIFTING



ALLOY CHAIN

G80 Alloy Chain



			  			  		
Chain Size		Single Leg Sling	Double Leg Sling			Triple & Quad Leg Sling		
Inches	MM							
Grade 80								
7/32	6	2,100	3,600	3,000	2,100	5,500	4,400	3,200
9/32	7	3,500	6,100	4,900	3,500	9,100	7,400	5,200
5/16	8	4,500	7,800	6,400	4,500	11,700	9,500	6,800
3/8	10	7,100	12,300	10,000	7,100	18,400	15,100	10,600
1/2	13	12,000	20,800	17,000	12,000	31,200	25,500	18,000
5/8	16	18,100	31,300	25,600	18,100	47,000	38,400	27,100
3/4	20	28,300	49,000	40,000	28,300	73,500	60,000	42,400
7/8	22	34,200	59,200	48,400	34,200	88,900	72,500	51,300
1	26	47,700	82,600	67,400	47,700	123,900	101,200	71,500
1-1/4	32	72,300	125,200	102,200	72,300	187,800	153,400	108,400
1-1/2	38	100,000	173,200	141,400	100,000	259,800	212,100	150,000
1-3/4	45	131,250	227,300	185,600	131,250	341,000	278,400	196,900
2	50	175,000	303,100	247,500	175,000	454,600	371,200	262,500



AVAILABLE WITH:



SLIP HOOKS
GRAB HOOKS
SWIVEL HOOKS
SORTING HOOKS
FOUNDRY HOOKS
SELF-LOCKING
HOOKS
AND MORE....

theCrosby[®] group, inc.



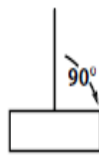
"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

OVERHEAD LIFTING

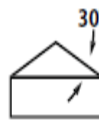
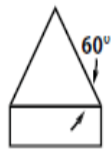


ALLOY CHAIN

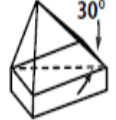
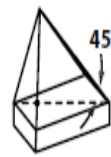
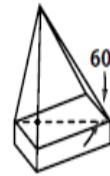
G100 Alloy Chain



Single Leg Sling



Double Leg Sling



Triple & Quad Leg Sling

Grade 100

Chain Size		Double Leg Sling				Triple & Quad Leg Sling		
Inches	MM							
9/32	7	4,300	7,400	6,100	4,300	11,200	9,100	6,400
5/16	8	5,700	9,900	8,100	5,700	14,800	12,100	8,500
3/8	10	8,800	15,200	12,400	8,800	22,900	18,700	13,200
1/2	13	15,000	26,000	21,200	15,000	39,000	31,800	22,500
5/8	16	22,600	39,100	32,000	22,600	58,700	47,900	33,900
3/4	20	35,300	61,100	49,900	35,300	91,700	74,900	53,000
7/8	22	42,700	74,000	60,400	42,700	110,900	90,600	64,000
1	26	59,600	103,200	84,200	59,600	154,800	126,400	89,300



TYPE CO



TYPE SOS



TYPE SOG



TYPE SSS



TYPE SGS



TYPE ASOS



TYPE ASOG

AVAILABLE WITH:

SLIP HOOKS

GRAB HOOKS

SWIVEL HOOKS

SORTING HOOKS

FOUNDRY HOOKS

SELF-LOCKING HOOKS

AND MORE....



theCrosbygroup inc.



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



Grade 120 Alloy Winner Pro

Maximum Work Load [lbs] of Various Chain Sling Applications

Design Factor 4:1				
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Grade 120 Alloy Winner Pro

Chain	Diameter	Angle: Load Factor:	90 degrees 1	60 degrees 1.7	45 degrees 1.4	30 degrees 1	60 degrees 2.6	45 degrees 2.1	30 degrees 1.4	Temperature Resistance
NI720	9/32"		5,200	9,000	7,400	5,200	13,500	11,000	7,800	Retains 100% of work load limit at -40 to 570°F. Not for temperatures over 570°F.
NI820	5/16"		6,600	11,400	9,300	6,600	17,100	14,000	9,900	
NI1020	3/8"		10,600	18,400	15,000	10,600	27,500	22,500	15,900	
NI1320	1/2"		17,900	31,000	25,300	17,900	46,500	38,000	26,900	
NI1620	5/8"		27,500	47,000	38,500	27,500	71,500	58,000	41,500	



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



Dare to Compare

HAND CHAIN HOIST MA SERIES *Other Brand Names Available!!*

HAND CHAIN HOIST CB SERIES

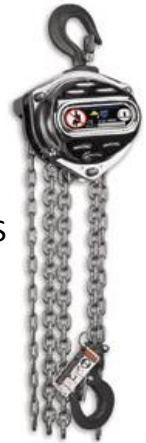
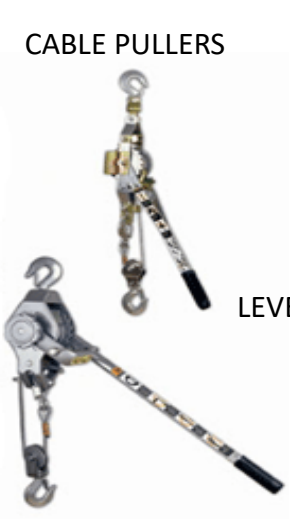
LEVER CHAIN HOIST LA SERIES

CABLE PULLERS

MINI CHAIN HOIST

LEVER CHAIN HOIST LC SERIES

BEAM CLAMPS



CM
HURRICANE 360°
HAND CHAIN HOIST

Hurricane 360°
HAND CHAIN HOIST

CM
LODESTAR AIR XL
AIR CHAIN HOIST

ALSO AVAILABLE AS:
COFFING CXLA
YALE XL AIR



CM
SERIES 622
HAND CHAIN HOIST

CM
BANDIT
RATCHET LEVER HOIST

CM
SERIES 602/603
MINI RATCHET LEVER HOIST



LEVER HOISTS

Compact, portable and extremely durable — lever hoists are used effectively to pull, lift and position materials. With some models small enough to fit in a lunch box, these mighty hoists are ideal for construction sites, plant maintenance and industrial applications.



HAND CHAIN HOISTS

Ideal for construction, maintenance and industrial applications. Most hand chain hoists attach to a beam or trolley and utilize a vertical pull to produce a vertical lift. The exception is the unique CM Hurricane 360° and it's rotating hand chain guide that allows it to be used at any angle.



POWERED TROLLEYS

Versatility, strength, speed and smooth operation — these are just a few of the words used to define our line of powered trolleys. They are ideal in manufacturing and industrial facilities when paired with one of our many hoists.



MANUAL TROLLEYS

Available in plain or geared models, our manual trolleys are designed for quick setup and easy operation when combined with one of our many hoists. Whether it's close radius, swivel truck or rigid mount, expect superior performance and versatility with every trolley we offer.



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



Tire Chains & Accessories

Skidders, Trucks, Tractors, Graders, Loaders, Skid Steers and More...

ALL SIZES & STYLES AVAILABLE



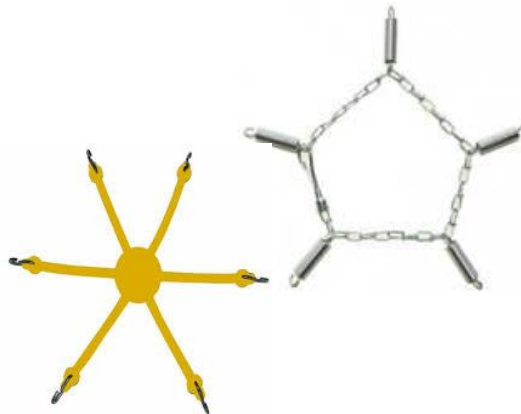
Multi-Ring
Skidder Chains



Diamond
Skidder Chains



Fixed Ring
Skidder Chains



Redwing Heavy-Duty Skidder Chain Tightener



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

McKissick® Snatch Blocks

Available in Import

419
WITH SHACKLE



404
TAIL BOARD



418
WITH HOOK

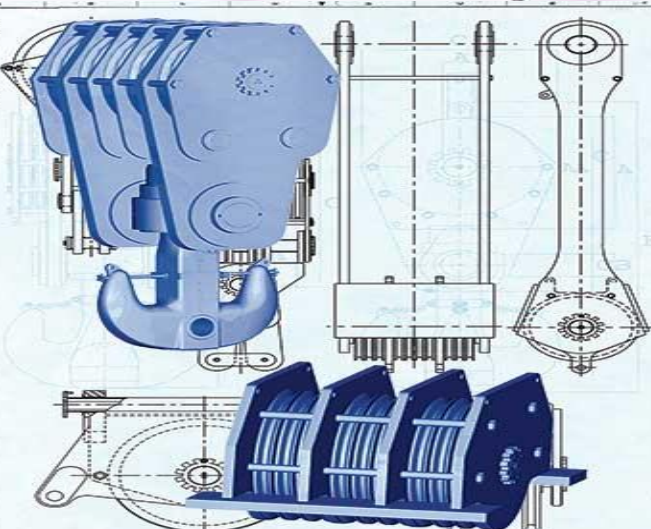


Sheave Diameter (in.)	Bearing Code	Stock No.			Wire Rope Size (in.) ±	Working Load Limit (t)*	Weight Each (lbs.)			Rep. Sheave Stock No.	Rep. Latch Stock No.
		418 with Hook	419 with Shackle	404 Tail Board			418 with Hook	419 with Shackle	404 Tail Board		
** 3	BB	-	109091	-	5/16 - 3/8	2	-	4	-	460147	1096421
** 3	BB	108038	109037 †	102016	5/16 - 3/8	2	5	4	3	460147	1096421
**4-1/2	BB	108065	109064	102025	3/8 - 1/2	4	12	12	7	2000232	1096468
6	BB	108127	109126	102098	5/8 - 3/4	8	27	28	15	460815	1096562
6	RB	108154	109153	102114	5/8 - 3/4	8	27	28	15	472688	1096562
8	BB	108225	109224	102169	5/8 - 3/4	8	33	34	21	461164	1096562
8	RB	108252	109251	102187	5/8 - 3/4	8	33	34	21	473277	1096562
10	BB	108323	109322	102230	5/8 - 3/4	8	41	42	29	461805	1096562
10	RB	108350	109359	102258	5/8 - 3/4	8	41	42	29	473776	1096562
12	BB	169169	202961	178890	5/8	8	48	49	36	462270	1096562
12	RB	199911	169347	178934	5/8	8	48	49	36	474141	1096562
12	BB	108421	109420	102301	3/4	8	48	49	36	462289	1096562
12	RB	108458	109457	102329	3/4	8	48	49	36	474150	1096562
14	BB	194920	169356	-	5/8	8	55	56	-	463625	1096562
14	RB	199948	167857	-	5/8	8	55	56	-	474766	1096562
14	BB	108528	109527	-	3/4	8	55	56	-	463634	1096562
14	RB	108546	109545	-	3/4	8	55	56	-	474775	1096562
16	BB	199975	203041	-	3/4	15	130	135	-	4100056	1096609
16	RB	200008	203087	-	3/4	15	130	135	-	4200028	1096609
16	BB	108608	109607	-	7/8	15	130	135	-	4100065	1096609
16	RB	108626	109625	-	7/8	15	130	135	-	4200037	1096609
18	BB	200099	203130	-	7/8	15	150	155	-	464571	1096609
18	RB	200151	203176	-	7/8	15	150	155	-	475792	1096609
18	BB	108644	109643	-	1	15	150	155	-	4104640	1096609
18	RB	108662	109661	-	1	15	150	155	-	6000000	1096609

McKissick Blocks



Crosby Lifting Clamps



Special Products



McKissick Sheaves

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Available in Import & Domestic

Diameter's from 1/4" to 2-3/4"

Take Up from 4" to 24"

Turnbuckle's

THREAD DIA. & TAKE UP (IN.)	HG-228 STOCK NO.	WORKING LOAD LIMIT (LBS.)*
1/4 x 4	1032493	500
5/16 x 4-1/2	1032518	800
3/8 x 6	1032536	1,200
1/2 x 6	1032554	2,200
1/2 x 9	1032572	2,200
1/2 x 12	1032590	2,200
5/8 x 6	1032616	3,500
5/8 x 9	1032634	3,500
5/8 x 12	1032652	3,500
3/4 x 6	1032670	5,200
3/4 x 9	1032698	5,200
3/4 x 12	1032714	5,200
3/4 x 18	1032732	5,200
7/8 x 12	1032750	7,200
7/8 x 18	1032778	7,200
1 x 6	1032796	10,000
1 x 12	1032812	10,000

THREAD DIA. & TAKE UP (IN.)	HG-223 STOCK NO.	WORKING LOAD LIMIT (LBS.)*
1/4 x 4	1030011	400
5/16 x 4-1/2	1030039	700
3/8 x 6	1030057	1,000
1/2 x 6	1030075	1,500
1/2 x 12	1030119	1,500
5/8 x 6	1030137	2,250
5/8 x 12	1030173	2,250
3/4 x 6	1030191	3,000
3/4 x 12	1030235	3,000
3/4 x 18	1030253	3,000
7/8 x 12	1030271	4,000
1 x 12	1030333	5,000



THREAD DIAMETER & TAKE UP (IN.)	STOCK NO. GALV.	WORKING LOAD LIMIT * (LBS.)
1/4 x 4	1031252	500
5/16 x 4-1/2	1031270	800
3/8 x 6	1031298	1,200
1/2 x 6	1031314	2,200
1/2 x 12	1031350	2,200
5/8 x 6	1031378	3,500
5/8 x 12	1031412	3,500
3/4 x 6	1031430	5,200
3/4 x 12	1031476	5,200
3/4 x 18	1031494	5,200
7/8 x 12	1031519	7,200
7/8 x 18	1031537	7,200
1 x 6	1031555	10,000
1 x 12	1031573	10,000

THREAD DIA. & TAKE UP (IN.)	HG-227 STOCK NO.	WORKING LOAD LIMIT (LBS.)*
1/4 x 4	1031877	500
5/16 x 4-1/2	1031895	800
3/8 x 6	1031911	1,200
1/2 x 6	1031939	2,200
1/2 x 9	1031957	2,200
1/2 x 12	1031975	2,200
5/8 x 6	1031993	3,500
5/8 x 9	1032019	3,500
5/8 x 12	1032037	3,500
3/4 x 6	1032055	5,200
3/4 x 9	1032073	5,200
3/4 x 12	1032091	5,200
3/4 x 18	1032117	5,200
7/8 x 12	1032135	7,200
7/8 x 18	1032153	7,200
1 x 6	1032171	10,000
1 x 12	1032199	10,000

THREAD DIA. & TAKE UP (IN.)	HG-225 STOCK NO.	WORKING LOAD LIMIT (LBS.)*
1/4 x 4	1030636	400
5/16 x 4-1/2	1030654	700
3/8 x 6	1030672	1,000
1/2 x 6	1030690	1,500
1/2 x 12	1030734	1,500
5/8 x 6	1030752	2,250
5/8 x 12	1030798	2,250
3/4 x 6	1030814	3,000
3/4 x 12	1030850	3,000
3/4 x 18	1030878	3,000
7/8 x 12	1030896	4,000
1 x 12	1030958	5,000

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



If it's not in stock, we can order it!

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

The Climber's Choice

We are a Buckingham Dealer!!



If it's not in stock, we can order it!

Buyers
PRODUCTS COMPANY

If it's not in stock, we can order it!



XTREME™ OVERVIEW

The Xtreme brand of lubricants for agriculture, transport, and off-highway equipment provides protection that you can depend on. For complete product information and safety data sheets, visit www.xtremeoil.com.



Engine Oils

Xtreme Fleet Synthetic Blend Engine Oils
formulated with SynGard™ Technology

- SAE 10W-30 CJ-4, 15W-40 CJ-4

Xtreme Fleet Mono-Grade Engine Oils

- SAE 10 CF, 20 CF, 30 CF, 40 CF, 50 CF

Xtreme Universal Engine Oils

- HD Universal SAE 10W-30 CI-4+, 15W-40 CI-4+

Xtreme Mild Detergent Engine Oils

- SAE 40, 50

Xtreme Non-Detergent Engine Oils

- SAE 10, 20, 30

Xtreme Fleet Mobile CNG Engine Oil

- SAE 15W-40

Xtreme Premium Two-Cycle Engine Oil

Xtreme Two-Cycle Air Cooled Engine Oil

Xtreme Four-Cycle Motorcycle SynBlend Engine Oils

- SAE 10W-40, 20W-50

Hydraulic Oils

Xtreme Tractor Hydraulic Fluid

- J20A

Xtreme Premium Tractor Hydraulic Fluid

- J20C

Xtreme Anti-Wear Hydraulic Oils

- AW 15, AW 22, AW 32, AW 46, AW 68, AW 100, AW 150, AW 220, R&O

Automatic Transmission Fluids

Xtreme ATF Type A

Xtreme Transoil SAE TO-4 Fluid

- SAE 10 TO-4, 30 TO-4, 50 TO-4

Xtreme C-4 Torque Fluid

Specialty Products

Xtreme EP Rock Drill Oils

- ISO 32, 46, 68, 100, 150, 220, 320, 460, 680, 1000.

Grease

Xtreme Hi-Temp EP#2 Grease

Xtreme 5% Moly Grease

Gear Oil

Xtreme GL-1 SAE Gear Oils

- SAE 90 GL-1, 140 GL-1, 250 GL-1

Xtreme GL-4 SAE Gear Oils

- SAE 90 GL-4, 140 GL-4

Xtreme GL-5 SAE Gear Oil

- SAE 80W-90 GL-5

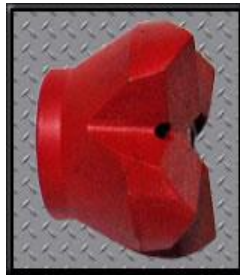
Functional Fluids

Xtreme Irrigation Pump Drip Oil

Xtreme Bar and Chain Lubricants

- Xtreme Winter Grade SAE 20
- Xtreme Summer Grade SAE 30
- Xtreme XHD (This formula is dyed red so operator can visually monitor condition of the hydraulic cutting bar.)

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Wire Rope Logging Chokers

NOT FOR OVERHEAD LIFTING

Our log Chokers are hand crafted in our facility. We manufacture a full range of styles, diameters, lengths, and hook options. Call us today with your application needs.



CAT Style Chokers



Regular (2) Button Choker

Also, see our patented Redwing **Black Diamond** products on page 43.



New England Chokers



Chain Logging Chokers



3/8" SQUARE GRADE 100



3/8" ROUND GRADE 100

Accessories

HAMMERLOCK

LOG SLIDE

SLEEVE TYPE

TWITCH HOOKS

SLIDE ASSEMBLY

SLIDING
CHOKER
HOOK

KEYHOLE

BOLT TYPE CHOKER HOOK

RING TYPE

"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

DIAMOND[®] IS DIFFERENT

After 30 years in logging, we got tired of fighting with chokers that just didn't stand up to the grind of dragging trees. So, we went back to the drawing board, determined to do something different. From that desire for different came our Black Diamond Chokers™ and our patented Double Forge™.

R  W
DIAMOND

DIAMOND[®] TIPPED™

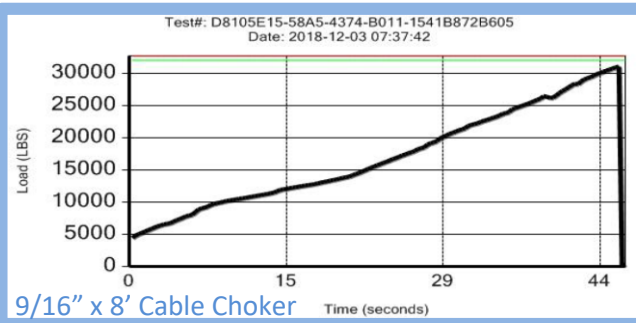
Our Diamond Forged™ Tips utilize a patented Double Forging™ process to give each Black Diamond Choker™ a strength that is second to none.

Our Black Diamond Chokers™ are good for 115% of the Rated Capacity for choker rope!



IC TestBench Proof Test

Target Load: 30,000 Peak Load: 31,030



DIAMOND[®] SLIDES

We designed the slides for our Black Diamond Chokers™ to ensure that they would stand up to the increased workload limit of our Diamond Tipped™ chokers.

Look for the Black Diamond™ slide to ensure you've got a real Diamond®



www.diamondlogging.com

HEAVY DUTY MAINLINE PRODUCTS

DIAMOND[®]
Key



DIAMOND[®]
Slide



DIAMOND[®]
Ring



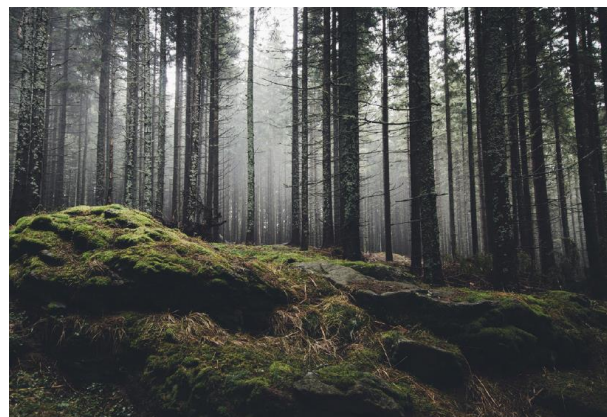
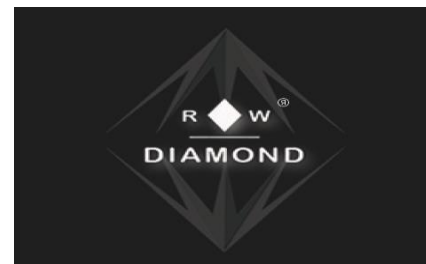
DIAMOND[®]
Sleeve



DIAMOND[®]
Hook



DIAMOND[®]
Lock



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

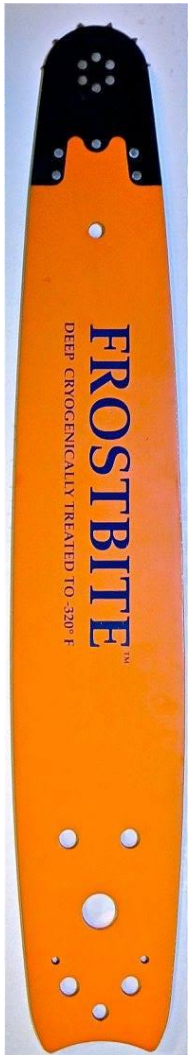


Chainsaw Bars, Chains and Accessories

Redwing carries multiple chainsaw products.

If you're not sure about the item number, we'll assist you in getting the right product.

Many other products in stock!



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285

Hand Tools



Grab Rod



Skidding Tongs



Can't Hook



Log Peavey



Doyle Log Scale



Spencer Logging Tape



Dixie Timber Carrier



Track Shovel



Logging Tape

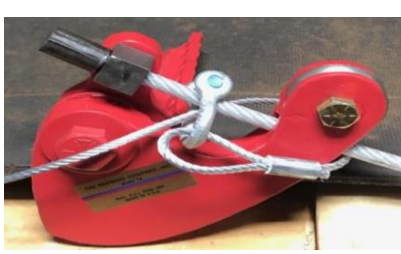
Diameter Tape



Protective/ Safety Equipment



"When you need to lift it, drag it or tie it down, call Redwing!" 1-800-766-0285



Redwing
Product

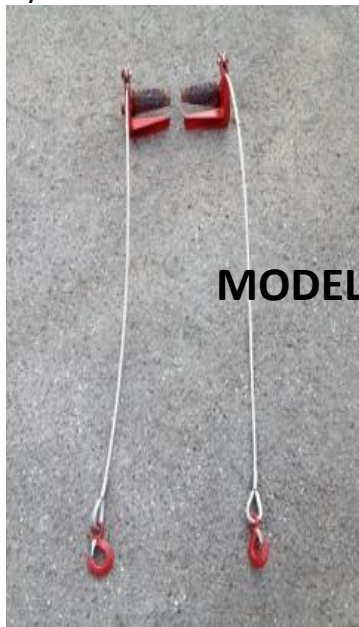
CONVEYOR BELT GRIPPERS

*SOLD IN SETS OF (4) GRIPPERS

Distinctive design features of the **Model 78** and **Model 78-C** Conveyor Belt Grippers introduced by the **REDWING COMPANY** to simplify and expedite handling of the conveyor belting for installation of splices to make an endless belt strand.

Machined from heavy steel bar stock to precise tolerances. The Redwing grippers possess exceptional strength to resist deformation or breakage when high pulling tension is applied to bring the two belt ends together for insertion of a splice. Its construction eliminates failures common to competitive cast devices that often have weak spots or voids in the finished material.

Applied tension allows cupping the belting to elevate it from the troughing idler rolls and resist drag exerted by the idlers



MODEL 78



MODEL 78-C



FEATURES

- **OPERATIONAL SIMPLICITY**- Grippers are attached to each edge of conveyor belting-tightening chain pulled to lock gripper jaws.
- **POSITIVE LOCKING ACTION**-Self energizing 6" gripper jaws provide wide bearing surface to firmly secure belting . As pulling tension is exerted, the tighter the jaws lock on the belt without damage to belt cover or carcass.
- **HIGH STRENGTH**- Each Redwing gripper rated with pull capacity of 2,000 pounds. Both the Model 78 and 78-C jaw gripper activation selected for outstanding strength and extended life.
- **MANUAL LABOR REDUCED**- Operational simplicity and light weight of Redwing grippers (11 lbs.) each provide optimum reduction of manual labor.
- **WIDE BELT RANGE**- Unique design of Redwing Belt Gripper allows its utilization to a wide range of belt widths and thicknesses (up to 1-1/4" thick) – designed for application of belting made with rubber, PVC, neoprene, nylon, or other varied carcass and cover materials.

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"We Deliver"
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- Wire Rope and Fittings Made in the USA
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- Made to Manufacturing Specifications



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Inspections and Testing

Redwing Company Inc. offers in-house and on-site load testing services which is traceable through our InfoChip system.

Redwing Company Inc. provides the opportunity for you to have a thorough, documented, fully traceable inspection performed by trained technicians.

OSHA regulations require that all chain slings and numerous other items receive an in depth inspection at least once a year by a competent person.

Trust Redwing Company Inc. with all your inspection needs.

About InfoChip

Since 2002 InfoChip has led the way in providing single-sourced RFID Asset Management Solutions including our own line of extremely durable RFID tags and readers, mobile inspection software, and services. InfoChip provides powerful safety compliance and inspection management software works hand-in-hand with our own ultra-durable and cost-effective RFID tags and readers, with over two million tags in circulation.

The InfoChip solution enables manufacturers, distributors and end-users to work together to efficiently manage the certification, tracking and inspection of industrial assets from cradle to grave. InfoChip's partners and clients include equipment manufacturers, distributors and inspection companies, delivering innovative safety tracking solutions to users worldwide. This results in reduced costs and liability, as well as enhanced safety and customer relationships.

-Info Chip



MOBILE APPS

Identify. Inspect. Certify. Calibrate.



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