LEWIS MFG 2020 CATALOG

Lewis
OILFIELD, INDUSTRIAL & UTILITY SUPPLIES
Lewis Manufacturing Co.
OKLAHOMA CITY
OKLAHOMA
®



Lewis Manufacturing Co.

84 1936 - 2020

Welcome to our 2020 Master Catalog.

Inside this edition of our complete line catalog you will see only **American Made** products. Proudly constructed in our original shops in both Oklahoma City, Ok, and Meeker, Ok. These two buildings have served our company well , now well within its fourth generation. The shop started in Meeker with the first official Lewis safety belt shop, where necessity dictated action in the creation and patents of several different safety belts for oilfield use alone. That's where it all began in the oilfields of Oklahoma and before that in the prairie fields as Ranchers, Farmers, Merchants and Hunters.

Made In OKLAHOMA Since 1936

Our catalog reflects many years of innovative product design and manufacture, which comes naturally to this group of highly skilled builders and dreamers. We respond quickly to customer requests knowing that a dollar will not wait long for a dime. Among our crew in the office and on the production line we have hundreds of years of experience and combined knowledge in our primary markets and no small amount in secondary as well.

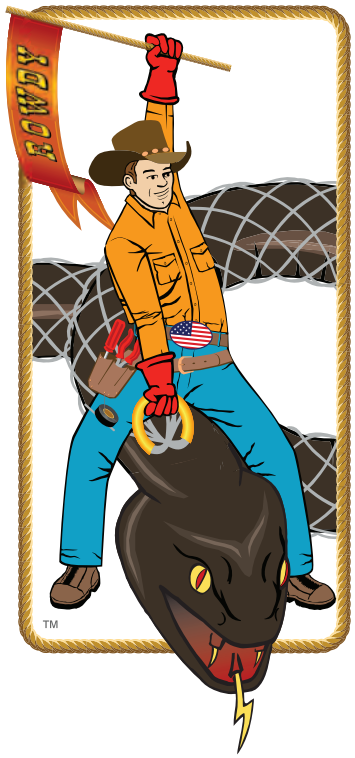


Andy "Rowdy" Lewis
President, Lewis Mfg.

The earliest catalogs reflect where we started, the one you now have in either paper or electronic form represents where we are today. The evolution of all our product lines has emerged from a boots on the ground approach to understanding our customers requirements. We wont oversell you but we also refuse to undersell just to get an order. We will give you our honest opinion on which of our products will work the best or advise otherwise.

Talk to Andy: Questions or Just to Chat call **Andy Toll-Free 833-646-8480**, he would be glad to help you figure out what you need.

We Test Them to their Limits!



We love to make our products and our

Quality Assurance people love to test them hard.

Our customers depend on our products to perform their work safely and with peace of mind. So we engineer and design our products with a large safety margin well above their working load. BUT, we don't just rely on engineering and design principles.....

We Test Them to their Limits!

That way we know for sure that they meet our safety standards.

Rowdy wouldn't have it any other way!

PROOF LOAD TESTER

Testing Lewis Wiremesh Grips

Lewis Manufacturing Company's **Proof Load Tester** is equipped with a calibrated **Dynamometer** to give accurate information on breaking strength in a controlled environment.
When Requested, Lewis Manufacturing Company will furnish proof load information and certification (a copy of which appears below) on any order of Lewis grips. However, please note that It is necessary for the purchaser to furnish information as to the actual working loads and cable diameter for which grips will be used so that we may set up proper proof load tests.
Certified copies of proof load tests can be furnished upon written request for an **additional nominal charge**.



TEST CERTIFICATE

Lewis Manufacturing Co.

Lewis OILFIELD, INDUSTRIAL & UTILITY SUPPLIES Lewis Manufacturing Co. OKLAHOMA CITY OKLAHOMA

DATE OF SHIPMENT:
INVOICE NUMBER:
SHIP TO:

ORDER NUMBER:
ITEM NUMBER / QTY:
PROOF LOAD LBS.:

We certify the above proof load tests were made in accordance with specifications furnished with your order. A copy of this test is on file with Lewis Mfg Co.

TESTED BY: _____
WITNESS: _____

3601 S. BYERS AVE. • OKLAHOMA CITY, OK 73129 • WWW.LEWISMFG.COM • CALL LEWIS MFG. 405-634-5401

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⚠WARNING MAKE SURE YOU READ ALL APPLICABLE INSTALLATION INSTRUCTIONS & GUIDELINES BEFORE USING YOUR LEWIS MFG. PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

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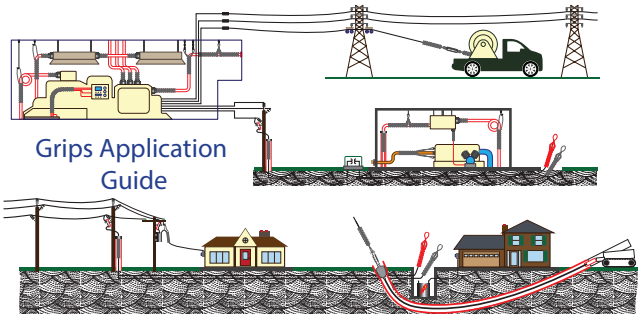
Special Purpose Grip Heads



Lacing Instructions



Banding Instructions



Grips Application Guide



AAA — Standard Grip



B — Standard Grip



D — Standard Grip



G — Standard Grip

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SE — Ouchless Grips



DLE — Ouchless Grips



LSG, **LSG-X**, & **LSG-S** — Wire Rope Snake Grips



DLE & DLE-LK BOA
BOA Hose Grips



LR — Conduit Riser Grip



LR-LK — Conduit Riser Ouchless Grip



LRHB — Riser Hook Bail Grips



U — U-Bail Grips



OE — Offset Eye Grips



IH — Inline Horizontal Support



FBDM — Strain Relief



CC — Cord Cap



DLE — Dual Lift Eye Grips



UMB-DLE — Umbilical Support



HB — Hook Bail Grips



S-1 to **S-2** — S Series Split Grips

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O & **BK**
Splicing and
Bundle Keeper Grips



OH — Overhead Pulling



R — Overhead Pulling



WRC — Overhead Pulling



HDFE — Flex-Eye HD



FEMG — Flex-Eye
Multi Grips



JL-R — Light Duty



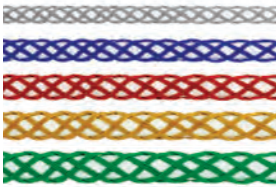
SEG — Swivel Eye



S-DW — Underground



Phase Grip™



PitSock™



LPC — Pulling Collar





FO-SL-U — Split Lace Support, U-Bail



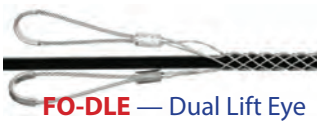
JL-FO-CM — Closed Mesh



X-FO — FO Standard



FO-OE — Offset Eye



FO-DLE — Dual Lift Eye



XIE-FO — FO Standard



JL-FO-SR — Split Rod



FO-U — U-Bail



FO-HB — Hook Bail

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Steel Swivel



Swing Link



Rope Snap



X — Standard

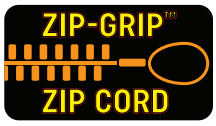


XS — Standard



X-HDFE — Heavy-Duty





Z-XS — ZIP-GRIP™



EE-101 — Eye to Eye



Tag Line



W — Regular Duty



HD-S-Z — Sealed + GZ





HD-DBS — Directional, High Test

HD-DBFS — Directional, Flange





L Link



Knuckle Joint LKJ-i



Swivel Toggle



Knuckle Joint Swivel LKJ-130i





Kits — Grip Kits

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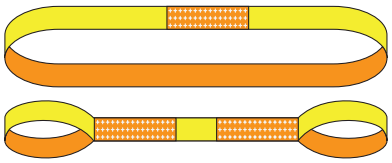
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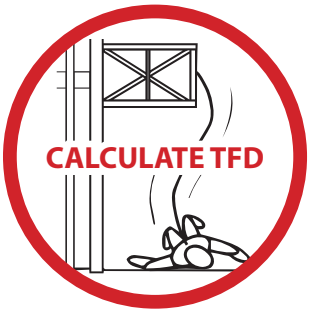


Lewis Web Slings





FW-3 — FA Harness





SLOWSTOP™



Monkey Board Belt



Lanyards



Light Safety Cable



Tail Rope

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Rig Housing Covers



Shed & Equip. Covers



Rig Housing Covers



ROUNDUP Auger Tarp



Rowdy's DirtBall™



Spider Tarp™



Rowdy's Auger Tarp



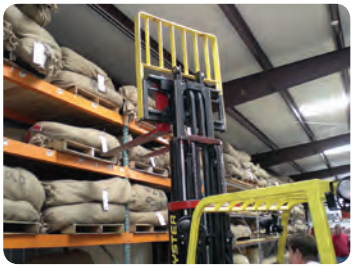
Lewis Bulk-Bag™



Top Drive Hose Covers



Rotary Table Skirt



Canvas Warehouse



Truck Trailer Canvas



Buckrt Covers

GENERAL INSTRUCTIONS

⚠WARNING

READ ALL GENERAL & PRODUCT SPECIFIC INSTRUCTIONS BEFORE USING LEWIS PRODUCTS

FAILURE TO FOLLOW THE APPLICABLE INSTRUCTIONS COULD LEAD TO SERIOUS INJURY OR EVEN DEATH.



1. Safety is always No. 1
2. Do not change, modify, alter or attempt to repair any Lewis Manufacturing (Lewis Mfg.) products in any way.
3. Lewis Mfg. does not assume any liability for accidents or injuries caused by a field repaired or altered products.
4. It is important that you read and understand all working loads, breaking strengths, safety & technical data relating to all Lewis Mfg. products before use.
5. Do Not Exceed the working load of any Lewis Mfg. product.
6. **DO NOT** stand below or near the line under tension, severe injury or death could occur. **KEEP YOUR DISTANCE.**
7. Make sure that you use a product for its intended use and applications.
8. Inspect each product before use for any damages, malfunctions, broken or mis-shapen hardware, and any other condition that prevents the product to function properly. If any defects are present remove the product from service immediately.
9. After each use remove and inspect the product for any damages as described before. If any defects are present remove the product from service immediately.
10. After a successful inspection, clean and store the product in a dry and protected location so that they are not exposed to harsh environments such as offshore drilling platforms or other salty, corrosive locations.
11. For any questions or comments regarding safe usage of your Lewis Mfg. products, please:

Call Toll-Free 833-646-8480



ABOUT THIS CATALOG

This catalog is provided "as is" — The contents in this catalog are intended to be as accurate as possible. However the catalog's information could contain unintentional errors or omissions and Lewis Manufacturing Co. (Lewis Mfg.) nor any of Its employees or associates, or others creating this catalog, make any warranty, express or implied, or assume any legal liability or responsibility for but not limited to the correctness, accuracy, completeness, or usefulness for your usage of the documents or any information that they contain.

Lewis Mfg. reserves the rights to change the information contained in this document at times without any notices.

Installation & Care Instructions - Grips & Swivels

Lewis Grips and Swivels Instructions & Guidelines

LEWIS GRIPS & SWIVELS



⚠ WARNING

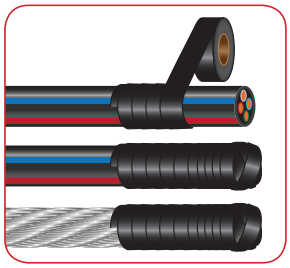


READ THESE INSTRUCTIONS BEFORE USING LEWIS GRIPS & SWIVELS

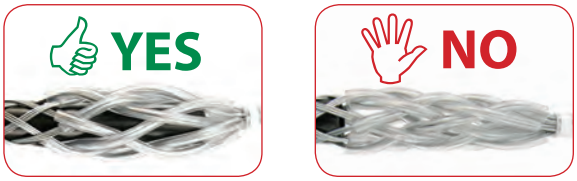
FAILURE TO FOLLOW THESE INSTRUCTIONS COULD LEAD TO SERIOUS INJURY OR EVEN DEATH.



1. Make sure no one is near or under the Line (Cable, Wire Rope, or Rope) as it is being pulled overhead or underground.
2. **DO NOT** stand below or near the line under tension, severe injury or death could occur. **KEEP YOUR DISTANCE**.
3. Be sure that the right size range grips are being used for the line being pulled.
4. Inspect each grip before use for any damages, signs of abrasion or fraying on the wire mesh (steel or Aramid fibers), worn or broken mesh, worn or broken eye, and distorted hardware. If any defects are present remove the grip from service immediately.
5. If a swivel is being used, check to make sure that the swivel is operating smoothly and there are no cracks or deformities are present. Make sure the swivel pins are not bent, broken or have stripped threads. If any defects are present remove the swivel from service immediately.
6. Make sure the cable is clean and free of grease and oil in the area that will be loaded into the grip. A high grade degreaser and heavy-duty disposable towels are recommended for this purpose.



7. Tape the end of the cable or wire rope before inserting into the grip so that the sharp ends of the grip or wire rope do not damage the grips interior mesh.
8. When loading the Line (example a cable) into a single eye grip, make sure the cable is inserted all the way into the grip until the grip is fully loaded (see figure at right).



9. Once the grip is loaded properly, **BAND AND TAPE** over the tail end of each grip according to Banding Instruction provided on next page of this document.



10. After each use remove and inspect each grip and swivel (if any used) for any damages as described before. If any defects are present remove the grip and/or swivel from service immediately.
11. After a successful inspection, clean the grip and the swivel. If the swivel is greaseable then apply grease to the swivel. After cleaning store the grip and swivel in a dry and protected location so that they are not exposed to harsh environments such as offshore drilling platforms or other salty, corrosive locations.
12. For any questions or comments regarding safe usage of your grips and swivels, or any other Lewis Manufacturing products, please:

Call Toll-Free 833-646-8480

Gen. Warning Grips & Swivels

BAND-IT® Banding Instructions

To tie down ends of Lewis Grips for added security

Banding Instructions

BAND-IT® BANDING INSTRUCTIONS

READ & FOLLOW THIS BANDING INSTRUCTIONS BEFORE USING ANY LEWIS GRIPS!



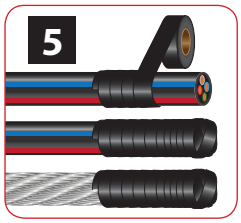
1 Safety is always No. 1. **KEEP BACK**, make sure no one is under the line as it is being pulled through the blocks & crown. **DO NOT** stand below or near the line, pulling grips or cable under tension, severe injury or death could occur.

2 Be sure that the right size range grips are being used for the line or rope being pulled. For Example, for 1⅜" cable, use a 1-1½" range grip.

3 Inspect the grip for cable abrasion or broken cables. A grip showing any signs of cable fraying, broken cables or distorted hardware should be immediately removed from service & discarded.

4 Make sure the cable is clean and free of grease and oil in the area that will be loaded into the grip. A high grade degreaser and heavy duty disposable towels are recommended.

5 Tape the end of the cable or wire rope before inserting into the grip so that the sharp ends of the grip or wire rope do not damage the grips interior mesh.



6 When loading the cable into the grip, be certain the cable is inserted all the way into the grip until the grip is fully loaded into the area below the pulling eye of the grip.



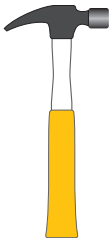
7 Do Not Band or Tape the head (eye side) of the grips. This increase the diameter of the head unnecessarily and could create restriction points.



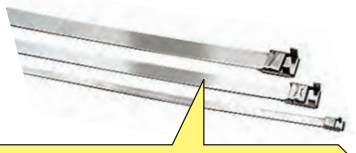
8 ## BANDING STEPS:

Once the snake is loaded properly, **BAND AND TAPE** the tail end of the grips by using the following steps **A** - **H**. Use a **BAND-IT®** brand banding tool & electric tape. **NOTE:** Taping alone is not reliable and can be a safety hazard especially in overhead high tension pulling applications.

A **TOOLS**







Select Band Width for OD of Loaded Grip

Use 1/4" wide band for Overall Dia. of 1" or less - Requires **BAND-IT Tool J02069**

Use 1/2" wide band for OD of 1" or more - Requires **BAND-IT Tool C00169**

BAND-IT® Tool J02069

Steps Shown Below



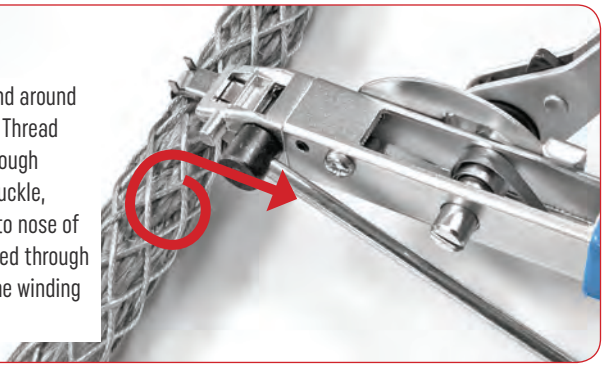
BAND-IT® Tool C00169



Refer to BAND-IT Document **#P05886** for instructions on **C00169** tool

B

Wrap band around the grip. Thread band through band's buckle, insert into nose of tool & feed through slot in the winding mandrel.



C



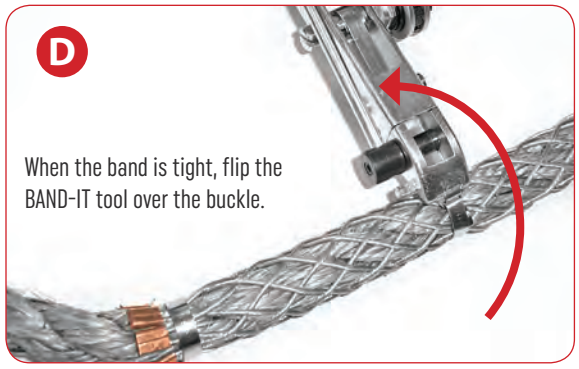
Turn the built-in ratchet on the winding mandrel to tighten down the band.

BAND-IT® Banding Instructions

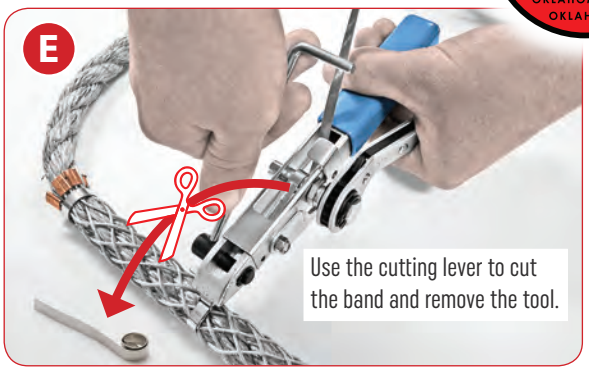
To tie down ends of Grips for added security

D

When the band is tight, flip the BAND-IT tool over the buckle.



E



Use the cutting lever to cut the band and remove the tool.

F



Use a hammer to flatten down the remaining tail and secure by tapping down the ears.



G



On each grip double band the grip's end 6 inches apart.

H

DO NOT USE DUCT TAPE!



Finally use Electric Tape to tape over the bands on each grip to create a smoother, snag-resistant surface.

9 After each use remove the grip, clean & store it in a dry and protected location so that the grip is not exposed to harsh environments such as offshore drilling platforms or other salty, corrosive environments.

10 For any questions or comments on the safe usage of your Lewis grips, please

Call Lewis Mfg. Toll-Free 833-646-8480



1/4" Band Demo Video
http://youtu.be/LKHlMj_RHIw

BAND-IT® BAND SELECTION

Based on Overall Diameter of Loaded Grip

Band Part No.	Material	Width	Length	* Use for Loaded Grip Dia. of	Maximum Dia. Capacity based on Length of Band	BAND-IT Tool
L-204	Stainless	1/4"	16"	≤ 1"	2"	J02069
L-208	Stainless	1/4"	26"	≤ 1"	6"	J02069
L-246	Stainless	1/2"	31"	≥ 1"	7.5"	C00169

* Diameter is the overall diameter of the pulled item (cable, wire rope, conduit or rope) AND the grip after loading of the grip.

BAND-IT Tool® J02069



Instructions for J02069 are contained in this catalog (starting in the previous page).



BAND-IT® Tool C00169

Refer to BAND-IT doc. number #P05886 for instructions for C00169



Special Heads

In addition to our regular Lewis Grips, below we have illustrated some of the special purpose grip heads that we manufacture. All of the styles are fabricated from the highest quality flexible Aircraft Strand Steel with a protective plastic coating.
These special heads can be furnished essentially on every grip we manufacture. Also, we would be happy to fabricate special purpose grips for your varied applications.
All special heads are also available with steel thimble built into the eye.

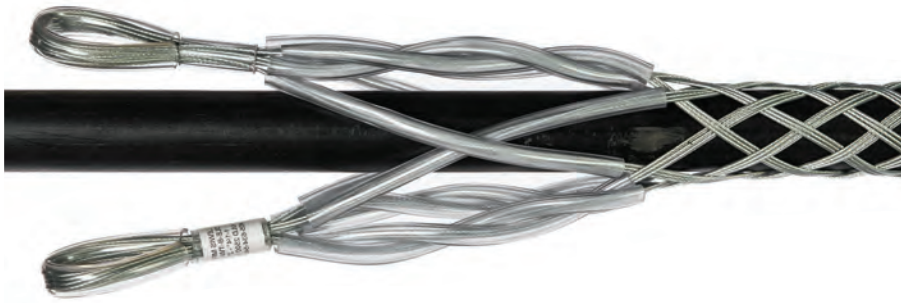
SE

Single lifting eye with dual top-side opening.



DLE

Dual lift with suspension lift eyes.



TSO

Topside multiple openings with single lift steel reinforced eye.



U

Single bail top opening for bus drops and suspension.
(#A-U-SW-18 R.E.A. Approv.)



O

Used as Splicing and Bundling Grip.



As a Bundle Keeper the Model O dramatically reduces abrasion and cuts by providing a protective wire mesh barrier.

Lacing Instructions

For Split-Mesh, Lace-Closing Pulling Grips and Suspension Grips

LACING INSTRUCTIONS



Step 1. Start the lacing at the lead (eye) or anchoring end of the Grip. Thread the lacing through the first few loops of the split and pull through until the lacings are centered at this point.



Step 2. Lace as you would your shoe, crossing the lacings before next two loops.



Step 3. Don't pull the lacing too tight. Leave space between adjoining loops approximately equal to the width of one diamond of the mesh.



Step 4. Tie the lacing strands tightly together using a standard square knot.



Step 5. Wrap the ends of the lacing once or twice tightly around the tail of the Grip and tie the ends together securely.



Step 6. Cut the excess lace.



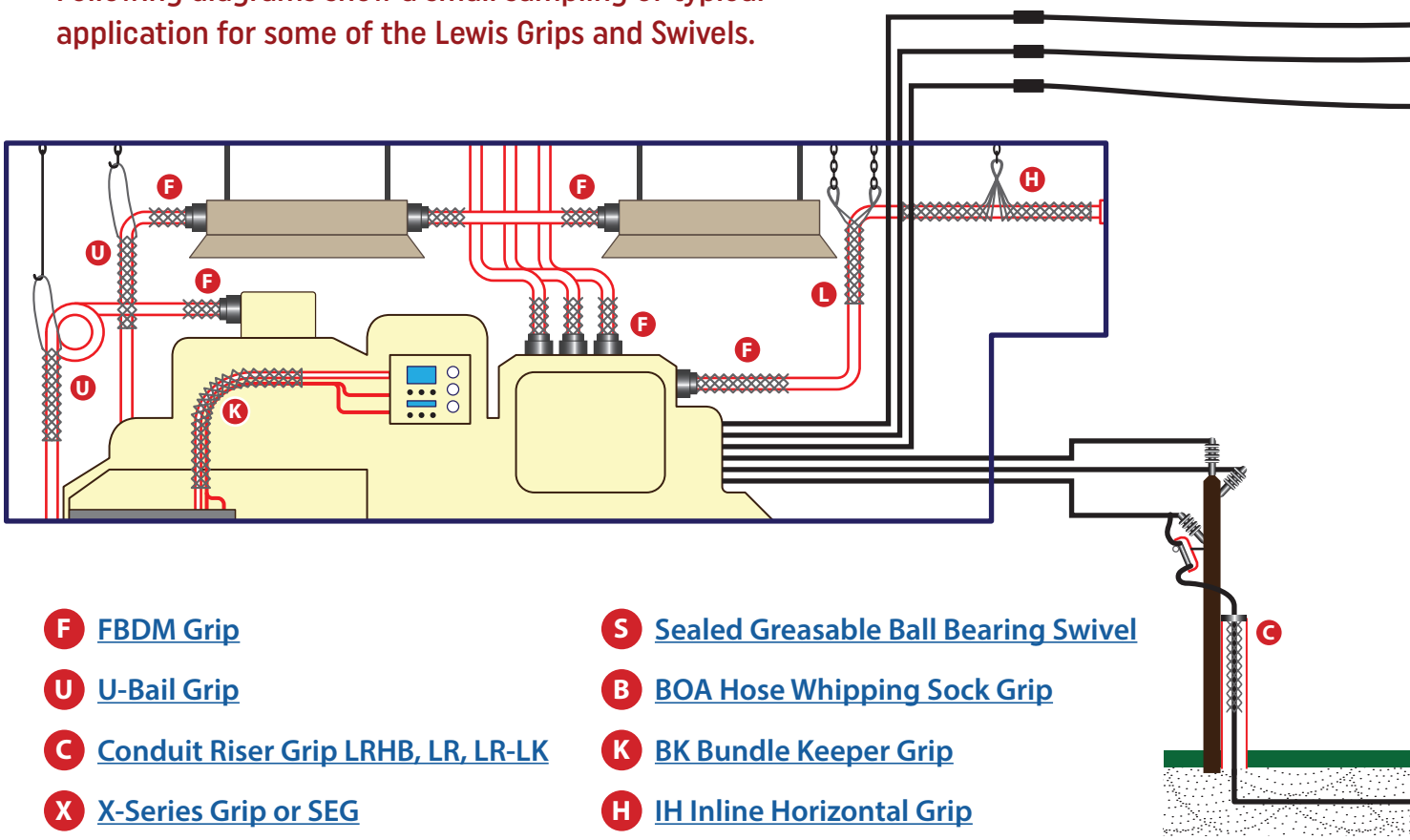
Step 7. Band the tail end of the grip 4 to 6 inches apart using a BAND-IT® banding tool. One band should be located over the knot. **Banding instructions** can be located on **page 12** of this document.



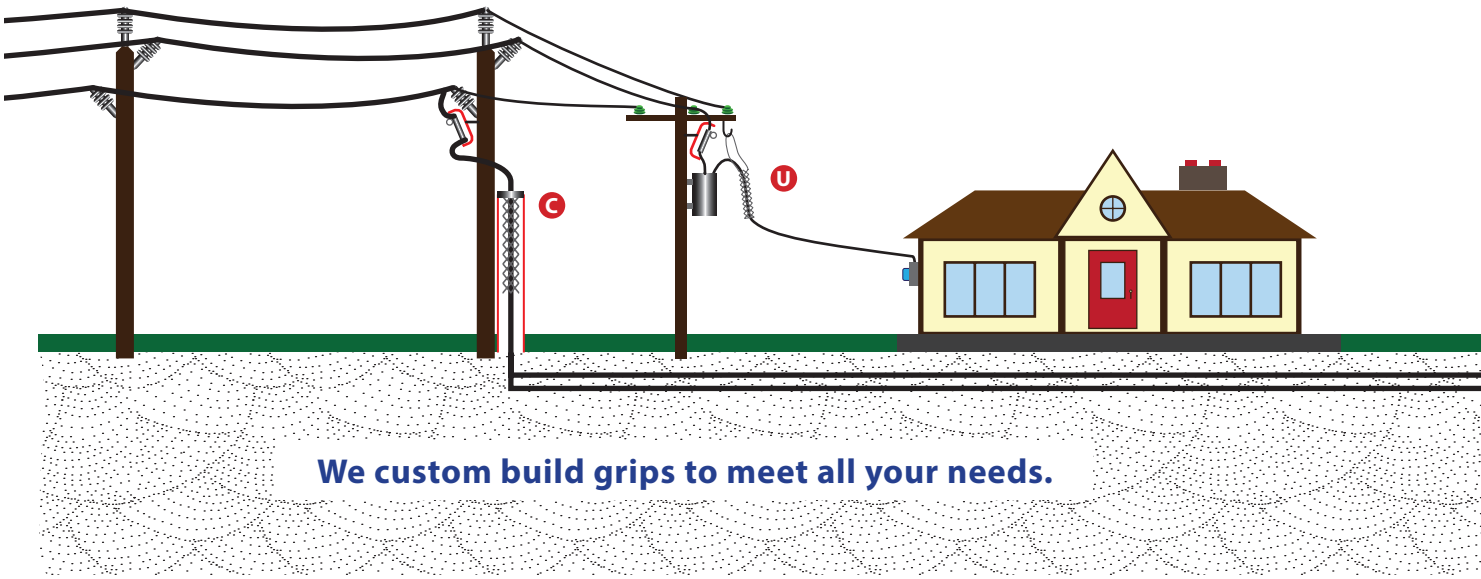
Step 8. After banding, wrap few layers of electric tape over the bands and around the loose tail of the grip to create a smooth, snag-resistant surface.

GRIPS APPLICATION GUIDE

Following diagrams show a small sampling of typical application for some of the Lewis Grips and Swivels.

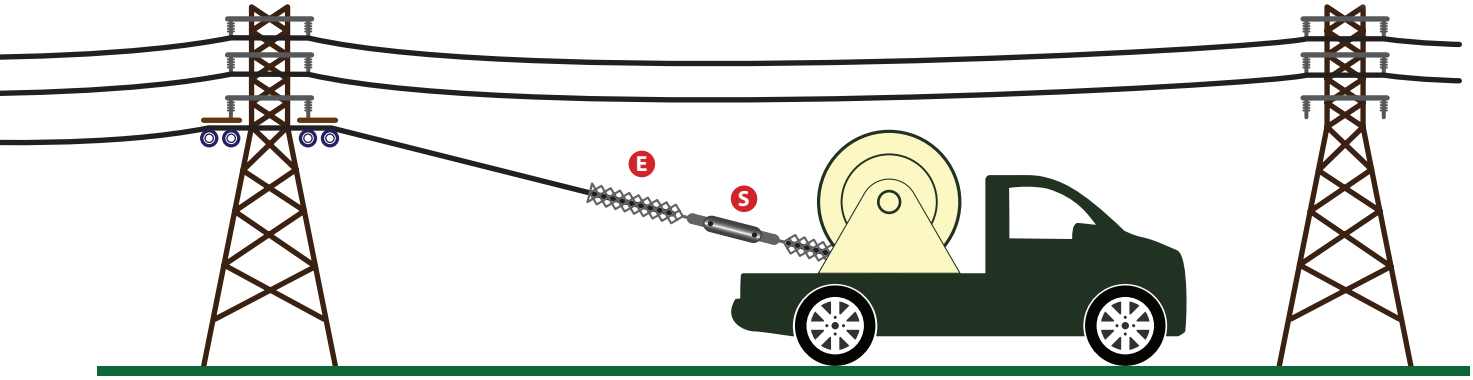


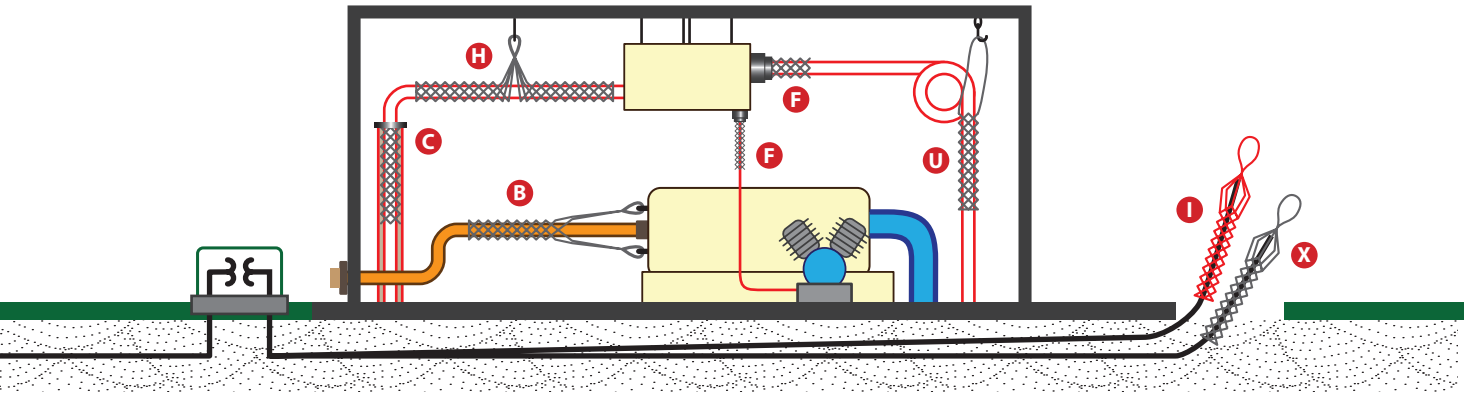
- F FBDM Grip
- U U-Bail Grip
- C Conduit Riser Grip LRHB, LR, LR-LK
- X X-Series Grip or SEG
- E Swivel Eye Grip
- D HD-DBFS Directional Boring Flange Swivel
- S Sealed Greasable Ball Bearing Swivel
- B BOA Hose Whipping Sock Grip
- K BK Bundle Keeper Grip
- H IH Inline Horizontal Grip
- L DLE Dual Lift Eye Grip
- P Standard Pulling Grip
- I Identi-Grip™ - Phase-Grip™, PitSock™



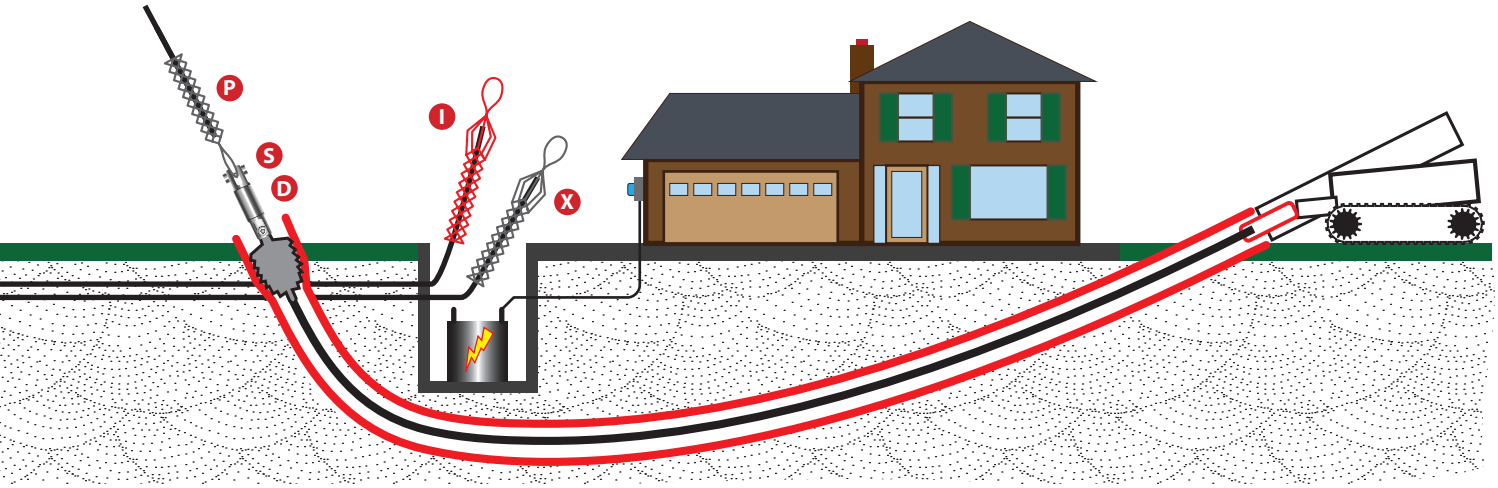
We custom build grips to meet all your needs.

GRIPS APPLICATION GUIDE





PLEASE ORDER CAREFULLY!



Grips Selection Guide

CONTENT INDEX

Design Strength:

Applications and conditions of use for Lewis Manufacturing mesh pulling grips vary so widely that it is impossible to set any meaningful standard for "breaking strength". With wire-mesh pulling grips, the holding power achieved is directly related to the length of mesh. The longer the mesh, the firmer the grip on the cable. For smaller-diameter cable, or where the weight to be pulled is less, short mesh grips will serve the purpose.

Each grip is designed to work on a specific range of cable diameter.

A- Single Cable Grip Selection:

Step 1. Determine cable's outside diameter

Step 2. Find the grip size that encompasses the cable's diameter.

Step 3. Whenever possible, use a closed mesh that assembles over the cable end. If the cable end is not available, use a split mesh.

Step 4. Where available, select an eye style that suits your needs.

Step 5. Estimate the tension to be put on the grip, establish the working load you require and compare this to the listed approximate breaking strength of the grip to ensure that the grip will be strong enough.

⚠WARNING

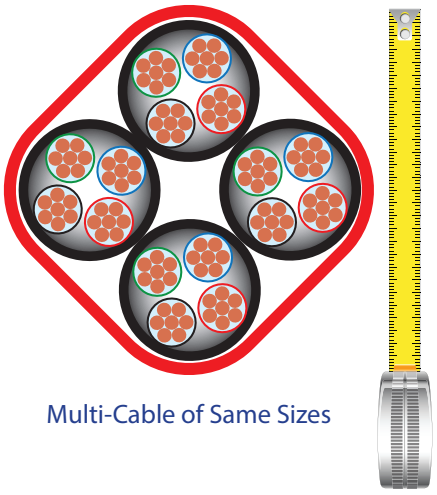
Make sure you fully read and follow the use and safety instructions. Failure to do so may result in serious injury or even death.

How grips are attached to a cable

Closed-Mesh Grips — Closed- mesh grips simply slip over the cable where the cable end is accessible.

Split-Mesh Grips — Split-mesh grips are used when the end of the cable is not available. The grip is wrapped around the cable & secured with a provided wire lace or steel rod:

1. **Split mesh with lace closure:** Refer to the **lacing instructions** in this catalog.
2. **Split mesh with rod closure:** Simply wrap the grip around the cable, then thread the rod through the loops, using a corkscrew motion.



Multi-Cable of Same Sizes

B - Multi-Cable of Same Size Grip Selection:

Individual Cable Dia. Range in. (mm)	Number of Cables of the Same Diameter in A Bundle							Grip Dia. Range in. (mm)
	2	3	4	5	6 & 7	8	9	
	.30-.38 (8-10)	.25-.31 (6-8)	.22-.27 (6-7)	.19-.24 (5-6)	.17-.22 (4-5)	.15-.19 (4-5)	.14-.18 (3-4)	.50-.61 (13-15)
	.38-.44 (10-11)	.31-.36 (8-9)	.27-.31 (7-8)	.24-.29 (6-7)	.22-.26 (6-7)	.19-.23 (5-6)	.18-.21 (4-5)	.62-.74 (16-19)
	.44-.59 (11-15)	.36-.49 (9-12)	.31-.42 (8-11)	.29-.36 (7-10)	.26-.34 (7-9)	.23-.31 (6-8)	.21-.28 (5-7)	.75-.99 (19-25)
	.59-.75 (15-19)	.49-.63 (12-16)	.42-.54 (11-14)	.36-.40 (10-12)	.34-.43 (9-11)	.31-.39 (8-10)	.28-.36 (7-9)	1.00-1.24 (25-31)
	.75-.90 (19-23)	.63-.76 (16-19)	.54-.65 (14-17)	.40-.56 (12-15)	.43-.52 (11-13)	.39-.46 (10-12)	.36-.42 (9-11)	1.25-1.49 (31-38)
	.90-1.07 (23-27)	.76-.89 (19-23)	.65-.77 (17-19)	.56-.67 (15-17)	.52-.60 (13-15)	.46-.54 (12-14)	.42-.49 (11-12)	1.50-1.74 (38-44)
	1.07-1.22 (27-31)	.89-1.02 (23-26)	.77-.88 (19-20)	.67-.77 (17-19)	.60-.69 (15-19)	.54-.62 (14-15)	.49-.56 (12-14)	1.75-1.99 (44-51)
	1.22-1.53 (31-39)	1.02-1.26 (26-33)	.88-1.10 (20-28)	.77-.96 (19-24)	.69-.86 (19-22)	.62-.77 (15-19)	.56-.71 (14-18)	2.00-2.49 (51-63)
	1.53-1.83 (39-46)	1.26-1.53 (33-39)	1.10-1.32 (28-34)	.96-1.16 (24-29)	.86-1.03 (22-26)	.77-.93 (19-24)	.71-.85 (18-22)	2.50-2.99 (63-76)
	1.83-2.14 (46-54)	1.53-1.79 (39-45)	1.32-1.54 (34-39)	1.16-1.35 (29-34)	1.03-1.20 (26-30)	.93-1.08 (24-27)	.85-.99 (22-25)	3.00-3.49 (76-89)
	2.14-2.44 (54-62)	1.79-2.05 (45-52)	1.54-1.76 (39-45)	1.35-1.54 (34-39)	1.20-1.37 (30-36)	1.08-1.24 (27-31)	.99-1.13 (25-29)	3.50-3.99 (89-101)
	2.44-2.75 (62-70)	2.05-2.30 (52-58)	1.76-1.98 (45-50)	1.54-1.74 (39-44)	1.37-1.55 (36-39)	1.24-1.39 (31-35)	1.13-1.27 (29-32)	4.00-4.49 (101-114)
	2.75-3.06 (70-78)	2.30-2.56 (58-65)	1.98-2.20 (50-56)	1.74-1.99 (44-49)	1.55-1.72 (39-44)	1.39-1.55 (35-39)	1.27-1.41 (32-36)	4.50-4.99 (114-127)

NEED HELP? Please call us at **Toll-Free 833-646-8480**, we would be glad to help you figure out the size and the type of grip you need.

Terms & Conditions

Payments, Terms, Shipping, Returns & Rush Orders

PAYMENTS

We accept Visa, MasterCard, Amex and Discover Card.
All orders shall be accompanied by a purchase order.

TERMS

2% Discount if paid within 10 days.
Net 30 Days.

SHIPPING

We will ship freight to any location worldwide.

RETURNS

PLEASE ORDER CAREFULLY!

Many Lewis Grips are Non-Returnable!
We will be happy to assist you with your grip selection needs.

Call Lewis Mfg.
Toll-Free 833-646-8480



RUSH ORDERS

We will gladly accept your "**Rush Order & Delivery**" at an additional fee.

Please contact us for details.



Mailing Address
P.O. Box 95089
Oklahoma City, OK 73143

Shipping Address
3601 S. Byers Ave.
Oklahoma City, OK 73129

Toll-Free 833-646-8480
Fax: 405-632-8608
sales@LewisMfg.com
www.LewisMfg.com

Standard Pulling Grips

Aluminum Tubing Eye & Copper Tabs

Patent No. 3,122,806

The **Standard Lewis Pulling Grips** (Models **AAA** to **F**) are manufactured in **Single**, **Double** or **Triple** weave configurations (as indicated) of High-Fatigue Aircraft Strand steel cable that is coated with a UV resistant plastic coating. The plastic coating increases the life of the grip, provides a bearing surface on underground pulls and increases the ease and **SAFETY** of installation & removal. The Pulling Eye on each Pulling Grip is covered with Aluminum Tubing for a more durable attachment point. Eye can also be ordered with our exclusive Patented, Flexible, Stress relieving, plastic tubing for use in less abrasive inner conduit pulls. Copper tabs on tail end of grip add reinforcement and ensure quick loading of product to be pulled.

Models AAA, AA & A

AAA MODELS

Single or Double Weave ¼" to ½"



Part No. AAA-DW-18

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
AAA-SW-18	¼"-½"	750 lbs.	1,500 lbs.	Single	18"	5½"
AAA-SW-24	¼"-½"	750 lbs.	1,500 lbs.	Single	24"	6"
AAA-DW-18	¼"-½"	1,200 lbs.	2,400 lbs.	Double	18"	5½"
AAA-DW-24	¼"-½"	1,200 lbs.	2,400 lbs.	Double	24"	6"

AA MODELS

Single, Double or Triple Weave ½" to ¾"



Part No. AA-TW-18

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
AA-SW-18	½"-¾"	750 lbs.	1,500 lbs.	Single	18"	5½"
AA-SW-24	½"-¾"	750 lbs.	1,500 lbs.	Single	24"	6"
AA-DW-18	½"-¾"	2,000 lbs.	4,000 lbs.	Double	18"	5½"
AA-DW-24	½"-¾"	2,000 lbs.	4,000 lbs.	Double	24"	6"
AA-TW-18	½"-¾"	2,600 lbs.	5,200 lbs.	Triple	18"	6"
AA-TW-24	½"-¾"	2,600 lbs.	5,200 lbs.	Triple	24"	6"



NOT TO SCALE
The product photographs contained in this catalog are not shown to scale individually or relative to each other.

A MODELS

Single, Double or Triple Weave ¾" to 1¼"



Part No. A-SW-18

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
A-SW-18	¾"-1¼"	1,000 lbs.	3,000 lbs.	Single	18"	3"
A-SW-24	¾"-1¼"	1,000 lbs.	3,000 lbs.	Single	24"	3"
A-DW-18	¾"-1¼"	2,000 lbs.	6,000 lbs.	Double	18"	3"
A-DW-24	¾"-1¼"	2,000 lbs.	6,000 lbs.	Double	24"	3"
A-TW-18	¾"-1¼"	3,500 lbs.	10,000 lbs.	Triple	18"	3"
A-TW-24	¾"-1¼"	3,500 lbs.	10,000 lbs.	Triple	24"	3"

Standard Pulling Grips — Continued

Aluminum Tubing Eye & Copper Tabs

Patent No. 3,122,806

Models B, C, D, E & F

B MODELS — Triple Weave 1¼" to 2"



Part No. B-TW-32

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
B-TW-26	1¼"-2"	2,500 lbs.	7,500 lbs.	Triple	26"	3¼"
B-TW-32	1¼"-2"	3,500 lbs.	10,500 lbs.	Triple	32"	3¼"

C MODELS — Triple Weave 2" to 2¾"



Part No. C-TW-32

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
C-TW-26	2"-2¾"	2,500 lbs.	7,500 lbs.	Triple	26"	3½"
C-TW-32	2"-2¾"	3,500 lbs.	10,500 lbs.	Triple	32"	3½"
C-TW-38	2"-2¾"	4,500 lbs.	13,500 lbs.	Triple	38"	3½"

D MODELS — Triple Weave 2¾" to 3½"



Part No. D-TW-38

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
D-TW-38	2¾"-3½"	4,500 lbs.	13,500 lbs.	Triple	38"	3¾"
D-TW-46	2¾"-3½"	5,500 lbs.	16,500 lbs.	Triple	46"	3¾"

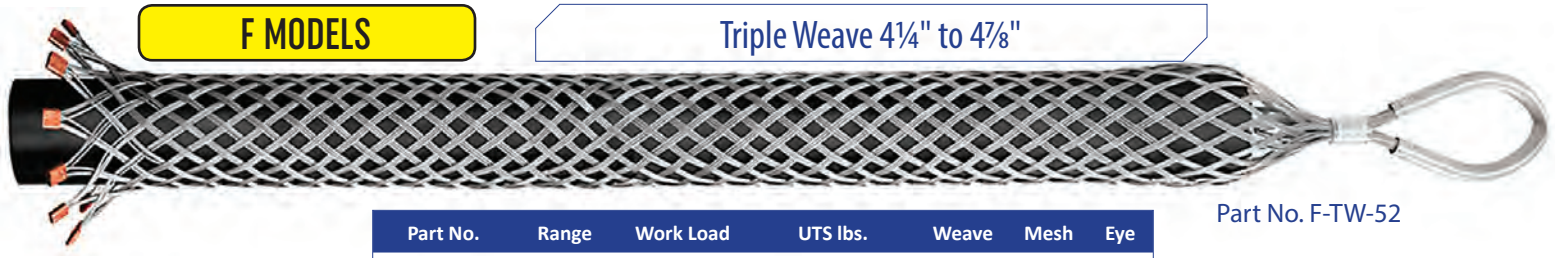
E MODELS — Triple Weave 3½" to 4¼"



Part No. E-TW-46

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
E-TW-46	3½"-4¼"	5,500 lbs.	16,500 lbs.	Triple	46"	4"
E-TW-52	3½"-4¼"	6,500 lbs.	19,500 lbs.	Triple	52"	4"

F MODELS — Triple Weave 4¼" to 4⅞"



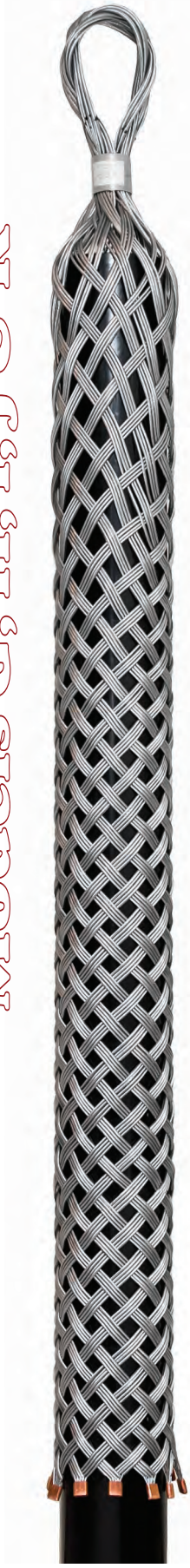
Part No. F-TW-52

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
F-TW-52	4¼"-4⅞"	6,000 lbs.	18,000 lbs.	Triple	52"	4"
F-TW-58	4¼"-4⅞"	7,000 lbs.	21,000 lbs.	Triple	58"	4"

Standard Pulling Grips — Continued

Quad Weave, Flex Eye & Copper Tabs

Patent No. 3,122,806



The **Standard Lewis Pulling Grips** (Models **G** to **K**) are available in **QUAD** weave configuration. Each Model incorporates the woven eye feature, which is generally preferred for pulling larger diameter cables and conduit because of the flexible stress relieving eye. As with other smaller standard models, these grips are made of High-Fatigue Aircraft Strand steel cable that is coated with a UV resistant plastic coating. The plastic coating increases the life of the grip, provides a bearing surface on underground pulls and increases the ease and **SAFETY** of installation & removal. Copper tabs on tail end of grip add reinforcement and ensure quick loading of product to be pulled.

G MODELS

Quad Weave 4⅞" to 5½", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
G-QW-58	4⅞"-5½"	7,300 lbs.	21,900 lbs.	Quad	58"	6"
G-QW-64	4⅞"-5½"	8,300 lbs.	24,900 lbs.	Quad	64"	6"

H MODELS

Quad Weave 5½" to 6", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
H-QW-58	5½"-6"	7,300 lbs.	21,900 lbs.	Quad	58"	6"
H-QW-64	5½"-6"	8,300 lbs.	24,900 lbs.	Quad	64"	6"

I MODELS

Quad Weave 6" to 6¾", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
I-QW-58	6"-6¾"	7,300 lbs.	21,900 lbs.	Quad	58"	6"
I-QW-64	6"-6¾"	8,300 lbs.	24,900 lbs.	Quad	64"	6"

J MODELS

Quad Weave 6¾" to 8", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
J-QW-58	6¾"-8"	9,100 lbs.	27,300 lbs.	Quad	58"	6"
J-QW-64	6¾"-8"	10,100 lbs.	30,300 lbs.	Quad	64"	6"

K MODELS

Quad Weave 8" to 9½", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
K-QW-64	8"-9½"	10,100 lbs.	27,300 lbs.	Quad	64"	6"
K-QW-72	8"-9½"	10,100 lbs.	30,300 lbs.	Quad	72"	6"

Part No. G-QW-58



Ouchless Lewis Grips™

Tough Plastic-Coated Aramid Fibers

No Wire Frays or Wire Cuts!

The Ouchless Lewis Grips™ do not have the metallic fraying as traditional grips do thereby eliminating the chance of being injured from metallic strands that have been abraded. Ouchless grips can also be used when a metallic grip is unsuitable, such as pulling in an energized environment.

The **Ouchless Lewis Grips™** are made of plastic coated Aramid fiber strands. These grips are a very popular addition to our broad offering of pulling & suspension grips and are widely accepted in the field. Ouchless grips are traditionally used in overhead or underground operations when pulling electric or fiber optic cables.

- Non Conductive
- Much Lighter than Metal Grips
- Easier to Load & Remove
- No Wire Frays or Wire Cuts

The Aramid fiber strand can be used in essentially all grip configurations. However when used around coastal areas or in corrosive environments the Stainless Steel option is still superior.

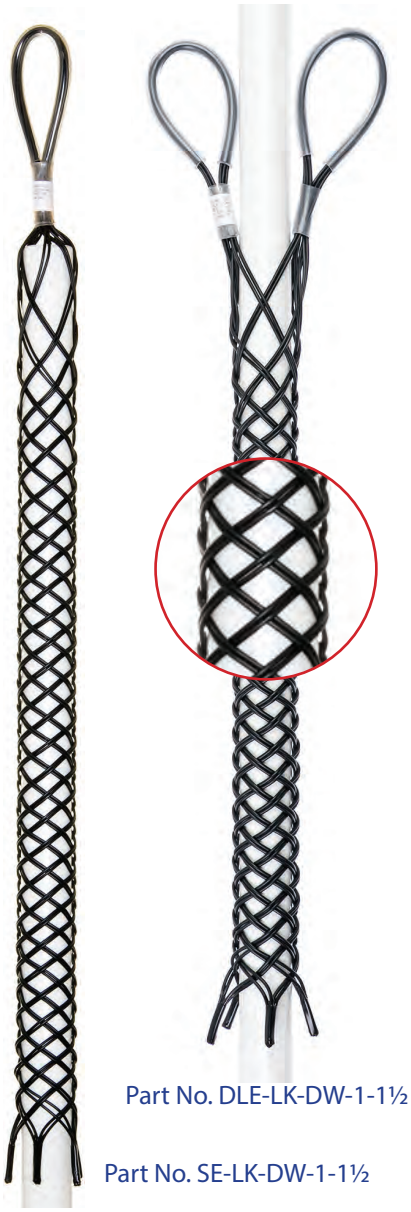
Models SE-LK & DLE-LK

SE MODELS — Single Eye Ouchless Grip

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
SE-LK-SW-¼-¾	¼"-¾"	830 lbs.	1,660 lbs.	Single	24"	4"
SE-LK-SW-¾-1	¾"-1"	1,200 lbs.	2,400 lbs.	Single	24"	4½"
SE-LK-SW-1-1½	1"-1½"	1,665 lbs.	3,330 lbs.	Single	44"	5"
SE-LK-SW-1½-2	1½"-2"	1,940 lbs.	3,880 lbs.	Single	44"	5"
SE-LK-DW-1-1½	1"-1½"	3,300 lbs.	6,600 lbs.	Double	44"	5"
SE-LK-DW-1½-2	1½"-2"	3,965 lbs.	7,930 lbs.	Double	44"	5"
SE-LK-DW-2-2½	2"-2½"	5,000 lbs.	10,000 lbs.	Double	44"	5"
SE-LK-DW-2-3	2"-3"	5,000 lbs.	10,000 lbs.	Double	52"	5½"
SE-LK-DW-3-4	3"-4"	5,000 lbs.	10,000 lbs.	Double	52"	5½"
SE-LK-DW-4-4½	4"-4½"	5,000 lbs.	10,000 lbs.	Double	52"	5½"

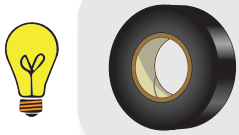
DLE MODELS — Double Eye Ouchless Grip

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
DLE-LK-SW-¼-¾	¼"-¾"	830 lbs.	1,660 lbs.	Single	24"	4"
DLE-LK-SW-¾-1	¾"-1"	1,200 lbs.	2,400 lbs.	Single	24"	4½"
DLE-LK-SW-1¼-1½	1¼"-1½"	1,665 lbs.	3,330 lbs.	Single	24"	5"
DLE-LK-SW-1-1½	1"-1½"	1,665 lbs.	3,330 lbs.	Single	44"	5"
DLE-LK-SW-1½-2	1½"-2"	1,940 lbs.	3,880 lbs.	Single	44"	5"
DLE-LK-DW-1¼-1½	1¼"-1½"	3,300 lbs.	6,600 lbs.	Double	24"	5"
DLE-LK-DW-1-1½	1"-1½"	3,300 lbs.	6,600 lbs.	Double	44"	5"
DLE-LK-DW-1½-2	1½"-2"	3,965 lbs.	7,930 lbs.	Double	44"	5"
DLE-LK-DW-2-2½	2"-2½"	5,000 lbs.	10,000 lbs.	Double	48"	5"
DLE-LK-DW-2½-3	2½"-3"	5,000 lbs.	10,000 lbs.	Double	48"	5"
DLE-LK-DW-3-4	3"-4"	5,000 lbs.	10,000 lbs.	Double	48"	5"
DLE-LK-DW-4-5	4"-5"	5,000 lbs.	10,000 lbs.	Double	52"	5"



Part No. DLE-LK-DW-1-1½

Part No. SE-LK-DW-1-1½



When using a pulling grip made of Aramid fibers or metal wire, always tape the bare end of the cable that will be inserted into the grip. This will eliminate a sharp edge exposure and prolong the life of your grip.

Wire Rope & Cable Snake Grips

Save Time Stringing Up, Changing and Unstringing

⚠WARNING Failure to use Lewis Snake Grips as detailed in the supplied user instructions, may result in serious injury or even death.

LSG SNAKE GRIPS

Rotating with Removable Link - STANDARD PROFILE



The Lewis Snake Grip (LSG) expands or contracts to grip different or identical cable and/or wire rope sizes as needed.

Part No. LSG 1-1½

Save time stringing up, changing and unstringing. The swivel and swing link go smoothly through blocks and prevent line twisting. Install new cable by using old existing cable as pulling line. Always seize the ends of the grips by banding and taping. Make sure to BAND AND TAPE the ends of the grips.

Regular Snakes	Range	WL lbs.	UTS lbs.
LSG ¼-½	¼"-½"	1,200	2,400
LSG ½-1	½"-1"	2,500	5,000
LSG 1-1½	1"-1½"	3,500	7,000
LSG 1½-2	1½"-2"	4,000	8,000
LSG 2-2¾	2"-2¾"	5,000	10,000
LSG 2¾-3½	2¾"-3½"	5,000	10,000
LSG 3½-4¼	3½"-4¼"	5,000	10,000

*Special Snakes	Range	WL lbs.	UTS lbs.
LSG ¼-1½	¼"-1½"	1,200	2,400
LSG ½-1½	½"-1½"	2,500	5,000
LSG ½-2	½"-2"	2,500	5,000
LSG 1-2	1"-2"	3,500	7,000
LSG 1½-2½	1½"-2½"	4,000	8,000

***The grips on the Special Size LSG models are not the same on each side.**

LSG-PSO SNAKE GRIP HALF

LSG Snake Without the Link



Part No. LSG 1-1½-PSO

You can also order LSG Snake Grips by themselves without the link. Just add PSO to the end of the LSG model no.
Make sure to BAND AND TAPE the ends of the grips.

LSG-PSO Snakes	Range	WL lbs.	UTS lbs.
LSG ¼-½-PSO	¼"-½"	1,200	2,400
LSG ½-1-PSO	½"-1"	2,500	5,000
LSG 1-1½-PSO	1"-1½"	3,500	7,000
LSG 1½-2-PSO	1½"-2"	4,000	8,000
LSG 2-2¾-PSO	2"-2¾"	5,000	10,000
LSG 2¾-3½-PSO	2¾"-3½"	5,000	10,000
LSG 3½-4¼-PSO	3½"-4¼"	5,000	10,000

Indicates that the device is part of a collection of Lewis Grips and Swivels for all your rigging jobs!

⚠WARNING **READ THIS GUIDELINE BEFORE USING LSG SNAKE GRIPS**

FOLLOW GRIPS BANDING INSTRUCTIONS CONTAINED IN THIS DOCUMENT

1. Safety is always No. 1. Make sure no one is under the line as it is being pulled through the blocks and crown. **DO NOT** stand below or near the drilling line under tension, severe injury or death could occur. **KEEP BACK**
2. Both ends of the snake grip must be properly **BANDED AND TAPED** according to banding instructions located in this document.
3. Failure to follow the safety and use instructions properly could lead to injury or even death.
4. For any questions or comments regarding safe usage of your LSG Snake, please **Call Lewis Toll-Free 833-646-8480**



Models LSG & LSG-PSO

Wire Rope & Cable Snake Grips — Continued

Save Time Stringing Up, Changing and Unstringing

LSG-X SNAKE GRIPS

Rotating with Non-Removable Swivel - LOW PROFILE



The LSG-X series performs the same as the standard LSG series. The LSG-X cannot be taken apart in the middle, it is permanently attached via our "Swivel Tube" Assembly.

SWIVEL TUBE →

Part No. LSG-X 1-1½

This swivel tube assembly has a low profile heavy-duty friction swivel. This snake is for applications where the two pulling grip elements do not need to be separated. The swivel is permanently greased and has the size range and working load clearly stenciled on the swivel tube assembly. Make sure to BAND AND TAPE the ends of the grips.

Regular Snakes	Range	WL lbs.	UTS lbs.
LSG-X ¼-½	¼"-½"	1,200	2,400
LSG-X ½-1	½"-1"	2,500	5,000
LSG-X 1-1½	1"-1½"	3,500	7,000
LSG-X 1½-2	1½"-2"	4,000	8,000
LSG-X 2-2¾	2"-2¾"	5,000	10,000
LSG-X 2¾-3½	2¾"-3½"	5,000	10,000
LSG-X 3½-4¼	3½"-4¼"	5,000	10,000

*Special Snakes	Range	WL lbs.	UTS lbs.
LSG-X ¼-1½	¼"-1½"	1,200	2,400
LSG-X ½-1½	½"-1½"	2,500	5,000
LSG-X ½-2	½"-2"	2,500	5,000
LSG-X 1-2	1"-2"	3,500	7,000
LSG-X 1½-2½	1½"-2½"	4,000	8,000

***The grips on the Special Size LSG-X models are not the same on each side.**

LSG-S SNAKE GRIP

Non-Rotating & Non-Removable - LOWEST PROFILE



Part No. LSG-S 1-1½

LOWEST PROFILE



SOLID NON-ROTATING CRIMP LUG



REVERSE WEAVE

The LSG-S grips use Reverse Weave design (no copper tabs) and have a Solid Non Rotating crimp lug which makes the grips' two sides non-removable. These features give this grip the Lowest Profile for working in tight spaces. Non-Rotating crimp lug prevents the grip from twisting. Make sure to BAND AND TAPE the ends of the grips.

Regular Snakes	Range	WL lbs.	UTS lbs.
LSG-S ¼-½	¼"-½"	1,200	2,400
LSG-S ½-1	½"-1"	2,500	5,000
LSG-S 1-1½	1"-1½"	3,500	7,000
LSG-S 1½-2	1½"-2"	4,000	8,000
LSG-S 2-2¾	2"-2¾"	5,000	10,000
LSG-S 2¾-3½	2¾"-3½"	5,000	10,000
LSG-S 3½-4¼	3½"-4¼"	5,000	10,000

LSG-O MODELS, SPLICING GRIPS



The **Model LSG-O Series** is used strictly as a **Heavy-Duty** splicing grip. We offer the LSG-O Models in all size ranges and strengths, too numerous to list. If you do not see a good match in the table, just give us a call and we will be glad to assist you.

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh
LSG-O-¼ / ½-24	¼" - ½"	1,200 lbs.	4,400 lbs.	Double	24"
LSG-O-½ / 1-24	½" - 1"	2,500 lbs.	7,500 lbs.	Double	24"
LSG-O-½ / 1-36	½" - 1"	2,500 lbs.	7,500 lbs.	Double	36"
LSG-O-1 / 1½-36	1" - 1½"	3,500 lbs.	10,000 lbs.	Triple	36"
LSG-O-1 / 1½-48	1" - 1½"	3,500 lbs.	10,000 lbs.	Triple	48"

Suspension Grips

Conduit Riser Grips for Cable Suspension in Conduits

Lewis Oilfield, Industrial & Utility Supplies — Lewis Manufacturing Co. Oklahoma City Oklahoma

LR MODELS, CONDUIT RISER GRIPS

Cable Suspension in Conduits 1¼" to 6"

Model LR Conduit Riser grips are specially designed to suspend conductor by using the conduit as a means of support. With the conductor approximately 1/2" above the "**in place**" position, the grip is slipped into position and seats on the conduit edge, thus completing the installation. Ring size permits conduit couplings to be used. The ring and its components are constructed of **investment cast, powder coated bronze**. The plastic coated Aircraft Strand cable – plus the flexibility of design – permits a maximum of line surge without conductor damage.

CONDUIT SIZE	Model ▶ / Range ▶	GRIP SIZE 0.75 ¾" - 1⅛"	1.12 1⅛" - 1⅝"	1.62 1⅝" - 2½"	2.50 2½" - 3½"	3.50 3½" - 4½"	4.50 4½" - 5½"
1¼"	Part No. ▶ / W. Load ▶	LR 1¼ - .75 500 lbs.					
1½"		LR 1½ - .75 500 lbs.					
2"		LR 2 - .75 500 lbs.	LR 2 - 1.12 625 lbs.				
*2½"		LR 2½ - .75 500 lbs.	LR 2½ - 1.12 625 lbs.	LR 2½ - 1.62 1,125 lbs.			
3"		LR 3 - .75 500 lbs.	LR 3 - 1.12 625 lbs.	LR 3 - 1.62 1,125 lbs.			
‡3½"		LR 3½ - .75 500 lbs.	LR 3½ - 1.12 625 lbs.	LR 3½ - 1.62 1,125 lbs.	LR 3½ - 2.50 1,500 lbs.		
4"		LR 4 - .75 500 lbs.	LR 4 - 1.12 625 lbs.	LR 4 - 1.62 1,125 lbs.	LR 4 - 2.50 1,500 lbs.		
ϕ4½"		LR 4½ - .75 500 lbs.	LR 4½ - 1.12 625 lbs.	LR 4½ - 1.62 1,125 lbs.	LR 4½ - 2.50 1,500 lbs.		
5"		LR 5 - .75 500 lbs.	LR 5 - 1.12 625 lbs.	LR 5 - 1.62 1,125 lbs.	LR 5 - 2.50 1,500 lbs.	LR 5 - 3.50 2,250 lbs.	
§6"		LR 6 - .75 500 lbs.	LR 6 - 1.12 625 lbs.	LR 6 - 1.62 1,125 lbs.	LR 6 - 2.50 1,500 lbs.	LR 6 - 3.50 2,250 lbs.	LR 6 - 4.50 3,000 lbs.

* Maximum in 21/2 inch conduit and 2 inch conductor
‡ Maximum in 3½ inch conduit and 3 inch conductor
ϕ Maximum in 4½ inch conduit and 4 inch conductor
§ Maximum in 6 inch conduit and 5½ inch conductor

Patent No's. 3,216,682 and 3,399,853. Foreign and other patents are pending.



Conduit Cut-Out View

Non-Magnetic Tinned Bronze LR Grips

The LR Grips can be made using **Non-Magnetic, Tin Coated Bronze** wire. To order just add TB to the end of the model number.

Example:

LR 4 - .75 in tinned bronze becomes LR 4- .75 TB

Tin coated bronze should always be considered when **corrosion resistance and non-magnetism are required**.



Conduit Riser LR Models

Suspension Grips - Continued

Conduit Riser Grips — Aramid Fiber

PATENT PENDING

LR-LK MODELS, CONDUIT RISER GRIPS

LR made of Aramid Fibers - 1¼" to 6"

These **Conduit Riser grips** are made of **plastic coated ARAMID FIBER strands**. **Model LR-LK Riser** grips function the same as LR models as they suspend a conductor by using the conduit as a means of support. With the conductor approximately 1/2" above the "in place" position, the grip is slipped into position and seats on the conduit edge, thus completing the installation. Ring size permits conduit couplings to be used.

The ring and its components are constructed of **investment cast, powder coated bronze**. The plastic coated Aramid Fiber Strand cable – plus the flexibility of design – permits a maximum of line surge without conductor damage.



Part No. LR-LK 5-3.50 with **ARAMID FIBERS**

Conduit Riser LR-LK Models

PLASTIC COATED ARAMID FIBER FEATURES

- Non Conductive
- Much Lighter than Metal Grips
- Easier to Load & Remove
- No Wire Frays or Wire Cuts

CONDUIT SIZE	Model ▶ / Range ▶	GRIP SIZE 0.75 ¾" - 1⅛"	1.12 1⅛" - 1⅝"	1.62 1⅝" - 2½"	2.50 2½" - 3½"	3.50 3½" - 4½"	4.50 4½" - 5½"
1¼"	Part No. ▶ / W. Load ▶	LR-LK 1¼ - .75 500 lbs.					
1½"		LR-LK 1½ - .75 500 lbs.					
2"		LR-LK 2 - .75 500 lbs.	LR-LK 2 - 1.12 626 lbs.				
*2½"		LR-LK 2½ - .75 500 lbs.	LR-LK 2½ - 1.12 625 lbs.	LR-LK 2½ - 1.62 1,125 lbs.			
3"		LR-LK 3 - .75 500 lbs.	LR-LK 3 - 1.12 625 lbs.	LR-LK 3 - 1.62 1,125 lbs.			
‡3½"		LR-LK 3½ - .75 500 lbs.	LR-LK 3½ - 1.12 625 lbs.	LR-LK 3½ - 1.62 1,125 lbs.	LR-LK 3½ - 2.50 1,500 lbs.		
4"		LR-LK 4 - .75 500 lbs.	LR-LK 4 - 1.12 625 lbs.	LR-LK 4 - 1.62 1,125 lbs.	LR-LK 4 - 2.50 1,500 lbs.		
ϕ4½"		LR-LK 4½ - .75 500 lbs.	LR-LK 4½ - 1.12 625 lbs.	LR-LK 4½ - 1.62 1,125 lbs.	LR-LK 4½ - 2.50 1,500 lbs.		
5"		LR-LK 5 - .75 500 lbs.	LR-LK 5 - 1.12 625 lbs.	LR-LK 5 - 1.62 1,125 lbs.	LR-LK 5 - 2.50 1,500 lbs.	LR-LK 5 - 3.50 2,250 lbs.	
§6"		LR-LK 6 - .75 500 lbs.	LR-LK 6 - 1.12 625 lbs.	LR-LK 6 - 1.62 1,125 lbs.	LR-LK 6 - 2.50 1,500 lbs.	LR-LK 6 - 3.50 2,250 lbs.	LR-LK 6 - 4.50 3,000 lbs.

* Maximum in 21/2 inch conduit and 2 inch conductor
‡ Maximum in 3½ inch conduit and 3 inch conductor
ϕ Maximum in 4½ inch conduit and 4 inch conductor
§ Maximum in 6 inch conduit and 5½ inch conductor

NOT TO SCALE The product photographs contained in this catalog are not shown to scale individually or relative to each other.



Suspension Grips — Continued

Lace & Rod Closing for Cables

Patent No.'s 3,399,853 & 3,216,682

LRSL & LRSR MODELS, SPLIT RING GRIPS

For Existing Installation, 2" to 6" Conduit

Lewis Split Ring Grips are available in either lace closing or rod closing types. Both methods of enclosure permit a grip installation to be made inside conduit without having either end of the conductor. Installation is accomplished by:

1. Wrapping the grip around the desired position on the conductor and
2. By securing the basket by "**Shoe Lacing**" with the stainless steel strand or **Twisting Rod** through the closing rings on the basket.

NOTE: Working loads, as listed in the table below, are maximum holding power for the smallest conductor in each size range.



LACE CLOSING



ROD CLOSING



Part No. LRSL-2-1.25

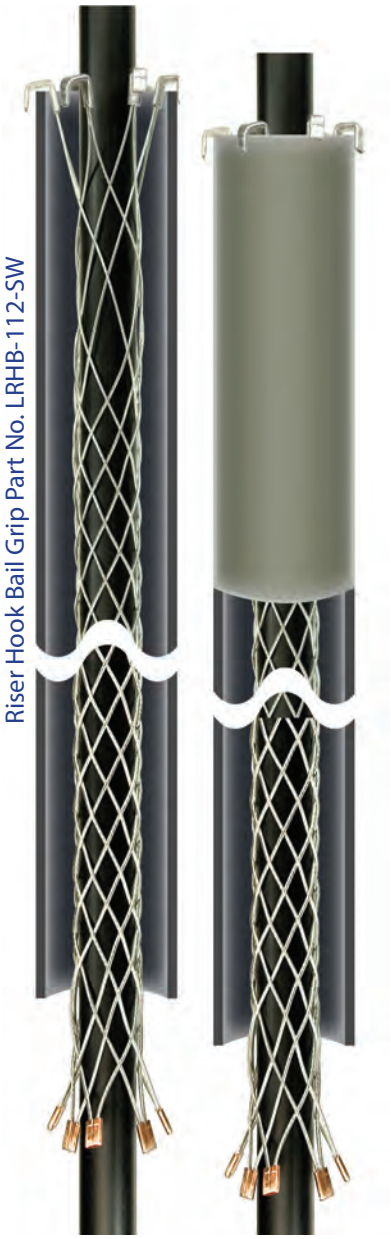
CONDUIT SIZE	Model ▶ / Range ▶	GRIP SIZE 0.75 ¾" - 1"	1.0 1" - 1¼"	1.25 1¼" - 1½"	1.5 1½" - 1¾"	1.75 1¾" - 2"	2.0 2" - 2½"	2.5 2½" - 3"	3.0 3" - 3½"	3.5 3½" - 4"	4.0 4" - 4½"	4.5 4½" - 5"	5.0 5" - 5½"
2"	*Part No. ▶ / ΦW. Load ▶	LRSL-2-.75 450 lbs.	LRSL-2-1.0 562 lbs.	LRSL-2-1.25 675 lbs.	LRSL-2-1.5 825 lbs.	LRSL-2-1.75 975 lbs.							
2½"		LRSL-2½-.75 450 lbs.	LRSL-2½-1.0 562 lbs.	LRSL-2½-1.25 675 lbs.	LRSL-2½-1.5 825 lbs.	LRSL-2½-1.75 975 lbs.	LRSL-2½-2.0 1,125 lbs.						
3"		LRSL-3-.75 450 lbs.	LRSL-3-1.0 562 lbs.	LRSL-3-1.25 675 lbs.	LRSL-3-1.5 825 lbs.	LRSL-3-1.75 975 lbs.	LRSL-3-2.0 1,125 lbs.	LRSL-3-2.5 1,275 lbs.					
3½"		LRSL-3½-.75 450 lbs.	LRSL-3½-1.0 562 lbs.	LRSL-3½-1.25 675 lbs.	LRSL-3½-1.5 825 lbs.	LRSL-3½-1.75 975 lbs.	LRSL-3½-2.0 1,125 lbs.	LRSL-3½-2.5 1,275 lbs.	LRSL-3½-3.0 1,275 lbs.				
4"		LRSL-4-.75 450 lbs.	LRSL-4-1.0 562 lbs.	LRSL-4-1.25 675 lbs.	LRSL-4-1.5 825 lbs.	LRSL-4-1.75 975 lbs.	LRSL-4-2.0 1,125 lbs.	LRSL-4-2.5 1,275 lbs.	LRSL-4-3.0 1,275 lbs.	LRSL-4-3.5 1,350 lbs.			
4½"		LRSL-4½-.75 450 lbs.	LRSL-4½-1.0 562 lbs.	LRSL-4½-1.25 675 lbs.	LRSL-4½-1.5 825 lbs.	LRSL-4½-1.75 975 lbs.	LRSL-4½-2.0 1,125 lbs.	LRSL-4½-2.5 1,275 lbs.	LRSL-4½-3.0 1,275 lbs.	LRSL-4½-3.5 1,350 lbs.	LRSL-4½-4.0 1,500 lbs.		
5"		LRSL-5-.75 450 lbs.	LRSL-5-1.0 562 lbs.	LRSL-5-1.25 675 lbs.	LRSL-5-1.5 825 lbs.	LRSL-5-1.75 975 lbs.	LRSL-5-2.0 1,125 lbs.	LRSL-5-2.5 1,275 lbs.	LRSL-5-3.0 1,275 lbs.	LRSL-5-3.5 1,350 lbs.	LRSL-5-4.0 1,500 lbs.	LRSL-5-4.5 1,687 lbs.	
6"		LRSL-6-.75 450 lbs.	LRSL-6-1.0 562 lbs.	LRSL-6-1.25 675 lbs.	LRSL-6-1.5 825 lbs.	LRSL-6-1.75 975 lbs.	LRSL-6-2.0 1,125 lbs.	LRSL-6-2.5 1,275 lbs.	LRSL-6-3.0 1,275 lbs.	LRSL-6-3.5 1,350 lbs.	LRSL-6-4.0 1,500 lbs.	LRSL-6-4.5 1,687 lbs.	LRSL-6-5.0 1,875 lbs.

* Part numbers as shown with "**LRSL**" are for **Lace Closing** Split Ring grips.
For **Rod Closing** Split Ring grips part numbers replace "**LRSL**" with "**LRSR**".
ϕ Working loads are max holding power for the smallest conductor in each size range.

LRHB MODELS, RISER HOOK BAIL

The **Riser Hook Bail (LRHB)** series of grips is designed to **permanently support cable in conduit**. Special hooked ends hook over conduit, eliminating the need for a bushing. The **LRHB** series is available in split lace or split rod configurations (where ends of are not available). For split lace, add "**SL**" to the end of the part number. For split rod, add "**SR**".

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh
LRHB-50-SW	½" - ⅝"	500	1,000	SW	8"
LRHB-62-SW	⅝" - ¾"	500	1,000	SW	10"
LRHB-75-SW	¾" - 1⅛"	500	1,000	SW	12"
LRHB-100-SW	¾" - 1¼"	500	1,000	SW	14"
LRHB-112-SW	1⅛" - 1⅜"	500	1,000	SW	14"
LRHB-162-SW	1⅜" - 2½"	700	1,400	SW	16"
LRHB-250-SW	2½" - 3½"	700	1,400	SW	18"
LRHB-350-SW	3½" - 4½"	900	1,800	SW	20"
LRHB-450-SW	4½" - 5½"	900	1,800	SW	22"



U MODELS, U-BAIL

The **U-Bail** series of grips are used for **bus drops and general suspension**. The grips are constructed of uncoated galvanized wire. If coated wire is required, please add "**CW**" to the end of the part number. Coated wire is **NOT** available on Light Duty U-Bail Grips.

U-BAIL - LIGHT DUTY - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
U-25-SWB-PGE	¼" - ⅜"	500	1,000	5"	5½"
U-37-SWB-PGE	⅜" - ½"	500	1,000	6"	5½"
U-50-SWB-PGE	½" - ⅝"	500	1,000	8"	6"
U-62-SWB-PGE	⅝" - ¾"	500	1,000	10"	7"
U-75-SWB-PGE	¾" - 1⅛"	1,000	2,000	12"	8"
U-100-SWB-PGE	¾" - 1¼"	1,000	2,000	14"	9"
U-112-SWB-PGE	1⅛" - 1⅜"	1,000	2,000	14"	10"
U-162-SWB-PGE	1⅜" - 2½"	1,000	2,000	16"	16"
U-250-SWB-PGE	2½" - 3½"	1,800	3,600	18"	18"

U-BAIL - STANDARD DUTY - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
U-50-SWB-SW	½" - ⅝"	500	1,000	8"	6"
U-62-SWB-SW	⅝" - ¾"	500	1,000	10"	7"
U-75-SWB-SW	¾" - 1⅛"	1,000	2,000	12"	8"
U-100-SWB-SW	¾" - 1¼"	1,000	2,000	14"	9"
U-112-SWB-SW	1⅛" - 1⅜"	1,000	2,000	14"	10"
U-162-SWB-SW	1⅜" - 2½"	1,000	2,000	16"	16"
U-250-SWB-SW	2½" - 3½"	1,800	3,600	18"	18"
U-350-SWB-SW	3½" - 4½"	1,800	3,600	20"	20"
U-450-SWB-SW	4½" - 5½"	1,800	3,600	22"	20"

U-BAIL - HEAVY DUTY - DOUBLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
U-50-SWB-DW	½" - ⅝"	1,000	2,000	8"	6"
U-62-SWB-DW	⅝" - ¾"	1,000	2,000	10"	7"
U-75-SWB-DW	¾" - 1⅛"	2,000	4,000	12"	8"
U-100-SWB-DW	¾" - 1¼"	2,000	4,000	14"	9"
U-112-SWB-DW	1⅛" - 1⅜"	2,000	4,000	14"	10"
U-162-SWB-DW	1⅜" - 2½"	2,000	4,000	16"	16"
U-250-SWB-DW	2½" - 3½"	3,000	6,000	18"	18"
U-350-SWB-DW	3½" - 4½"	3,000	6,000	20"	20"
U-450-SWB-DW	4½" - 5½"	3,600	7,200	22"	20"



Models LRHB & U

Suspension Grips — Continued

Lewis BOA Hose Grips™

DLE-BOA , DLE-LK-BOA

High-Pressure Hose Whip Sock

Lewis BOA™, a **Wire Mesh Whip Sock** safely minimizes the dangerous high pressure whipping of a hose on blow out. Additionally, as a **Bundle Keeper**, BOA provides hose abrasion and wear protection near the coupler's fitting, where needed the most.

BOA™

HOSE GRIPS



DLE Type BOA in **GALVANIZED STEEL**

FOR HIGH-PRESSURE HOSE CARRYING:

- OIL
- WATER
- AIR
- HYDRAULICS
- SLURRY

BOA HOSE GRIPS FEATURES:

- Keep Personnel and Equipment Safe by Restraining & Minimizing the High-Pressure Hose Whipping & Bucking Action.
- Used as a Bundle Keeper Protecting a Hose from Abrasion and Wear.
- Available in Galvanized Steel (Standard) , Stainless Steel and Aramid Fibers.
- Available in Closed Mesh Weave (Standard) or Lace-Closing Split Mesh Models.
- All models have **15" Long Leads** for easier and more flexible installation.

* Part No.	Range	WL lbs.	UTS lbs.	Mesh	** Material
DLE-BOA-1.0-1.5	1.0" - 1.5"	6,350	19,100	26"	Galvanized Steel
DLE-LK-BOA-1.0-1.5	1.0" - 1.5"	5,000	10,000	26"	Aramid Fiber
DLE-BOA-1.5-2.5	1.5" - 2.5"	7,150	21,500	40"	Galvanized Steel
DLE-LK-BOA-1.5-2.5	1.5" - 2.5"	5,000	10,000	40"	Aramid Fiber
DLE-BOA-2.5-3.5	2.5" - 3.5"	7,925	23,800	42"	Galvanized Steel
DLE-LK-BOA-2.5-3.5	2.5" - 3.5"	5,000	10,000	42"	Aramid Fiber
DLE-BOA-3.5-4.5	3.5" - 4.5"	8,025	24,100	44"	Galvanized Steel
DLE-LK-BOA-3.5-4.5	3.5" - 4.5"	5,000	10,000	44"	Aramid Fiber
DLE-BOA-4.5-5.5	4.5" - 5.5"	8,400	25,200	48"	Galvanized Steel
DLE-LK-BOA-4.5-5.5	4.5" - 5.5"	5,000	10,000	48"	Aramid Fiber

* Add -SL to the Part No. for Split-Lace Closing

** Add -SS to Galv. Steel Part No. for Stainless Steel



DLE-LK Type BOA with **ARAMID FIBERS** & Standard 15" Leads

⚠WARNING **MAKE SURE TO READ AND FOLLOW ALL APPLICABLE SAFETY INSTRUCTIONS. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.**

1. Make sure the system is NOT Pressurized before any work or maintenance on the hoses.
2. Never work on or disconnect a coupling under pressure.
3. Make sure tools, equipment, couplers, anchors, shackles & BOA Hose Grip are load rated for the specific application.
4. Frequently inspect hoses, couplings, fittings, safety restraints, etc. and remove any damaged or frayed devices from the service immediately.
5. Keep the hoses and restraining devices clean and free of oil, grease and obstructions.
6. It is important that you read & understand all breaking strength, safety & technical data relating to all Lewis Mfg. products.

BOA Hose Grips™

Suspension Grips — Continued

Special Applications

DLE, DUAL LIFT EYE

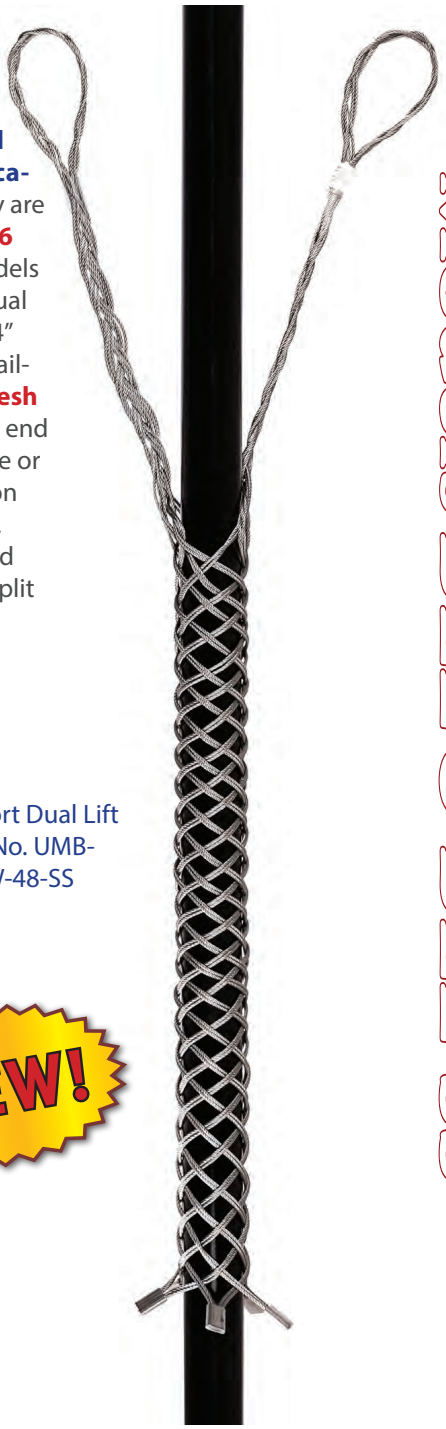
The **Dual Lift Eye DLE** series is most commonly used in **cable placement applications**. Use the DLE series when a OE, U, or HB model is unsuitable. The DLE may also be used as a suspension grip. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.



Dual Lift Eye Grip
Part No. DLE-112-SW

UMB-DLE, UMBILICAL SUPPORT

The **UMB-DLE** series is specifically designed for **offshore umbilical support and subsea cable applications**. They are constructed using **T-316 stainless steel**. All models will be standard with dual 14" braided eyes and 14" long leads. They are available in either **closed mesh** construction where the end of the cable is accessible or **split laced** configuration for mid-run installation. Please add **SL** to the end of the designation if a split type grip is required.



Umbilical Support Dual Lift Eye Grip Part No. UMB-DLE-150-DW-48-SS

NEW!

Models DLE & DLE-SS

DUAL LIFT EYE - SINGLE WEAVE

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
DLE-25-SW	¼" - ⅜"	500	1,000	6"	4"
DLE-37-SW	⅜" - ½"	500	1,000	7"	4"
DLE-50-SW	½" - ⅝"	500	1,000	8"	4½"
DLE-62-SW	⅝" - ¾"	500	1,000	10"	5"
DLE-75-SW	¾" - 1⅛"	1,000	2,000	12"	5"
DLE-100-SW	¾" - 1¼"	1,000	2,000	14"	5½"
DLE-112-SW	1⅛" - 1⅜"	1,000	2,000	14"	6"
DLE-162-SW	1⅜" - 2½"	1,000	2,000	16"	7"
DLE-250-SW	2½" - 3½"	1,800	3,600	18"	8½"
DLE-350-SW	3½" - 4½"	1,800	3,600	20"	8½"
DLE-450-SW	4½" - 5½"	1,800	3,600	22"	10"

DUAL LIFT EYE - DOUBLE WEAVE

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
DLE-50-DW	½" - ⅝"	1,000	2,000	8"	4½"
DLE-62-DW	⅝" - ¾"	1,000	2,000	10"	5"
DLE-75-DW	¾" - 1⅛"	2,000	4,000	12"	5"
DLE-100-DW	¾" - 1¼"	2,000	4,000	14"	5½"
DLE-112-DW	1⅛" - 1⅜"	2,000	4,000	14"	6"
DLE-162-DW	1⅜" - 2½"	2,000	4,000	16"	7"
DLE-250-DW	2½" - 3½"	3,000	6,000	18"	8½"
DLE-350-DW	3½" - 4½"	3,000	6,000	20"	8½"
DLE-450-DW	4½" - 5½"	3,600	7,200	22"	10"

UMBILICAL - DUAL LIFT EYE

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh	Eye
UMB-DLE-150-DW-48-SS	1½" - 2½"	9,600	30,000	Double	48"	14"
UMB-DLE-250-TW-48-SS	2" - 3"	15,000	44,000	Triple	48"	14"
UMB-DLE-275-TW-48-SS	2¾" - 3½"	17,000	52,000	Triple	48"	14"
UMB-DLE-350-TW-48-SS	3½" - 4¼"	21,000	64,000	Triple	48"	14"
UMB-DLE-400-TW-48-SS	4¼" - 5"	24,000	73,000	Triple	48"	14"
UMB-DLE-500-QW-60-SS	5" - 5¾"	28,000	86,000	Quad	60"	14"
UMB-DLE-600-QW-60-SS	5¾" - 6¼"	35,000	106,000	Quad	60"	14"

Models IH & OE

IH MODELS, INLINE HORIZONTAL SUPPORT

The **IH Series** grips are designed to **support horizontal industrial lines or cords** and are constructed of high grade coated galvanized wire for long life and reliability. These grips are available in **Closed**, **Split Rod** or **Split Lace** mesh configurations.

*Split Rod is indicated by adding "**SR**" to the end of part number. Split Lace is denoted by adding "**SL**" to the end of part number. Closed mesh has neither SL or SR included in the part number.

Example:

IH-50-SW is Closed Mesh
IH-50-SW-SL is Split Mesh w/ Lace Closing
IH-50-SW-SR is Split Mesh w/ Rod Closing

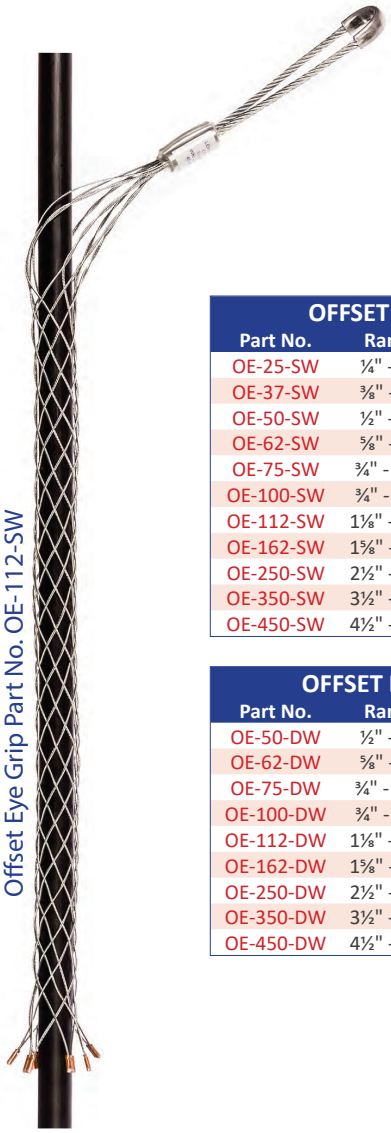
IH - CLOSED MESH - SINGLE WEAVE			
*Part No.	Range	WL lbs.	UTS lbs.
IH-50-SW	½" - ⅝"	500	1,000
IH-62-SW	⅝" - ¾"	500	1,000
IH-75-SW	¾" - 1⅛"	1,000	2,000
IH-100-SW	¾" - 1¼"	1,000	2,000
IH-112-SW	1⅛" - 1⅝"	1,000	2,000
IH-162-SW	1⅝" - 2½"	1,000	2,000
IH-250-SW	2½" - 3½"	1,800	3,600
IH-350-SW	3½" - 4½"	1,800	3,600
IH-450-SW	4½" - 5½"	1,800	3,600



Part No. IH-112-SW

OE, OFFSET EYE

The **Offset Eye** series is most commonly used in **cable placement applications**. Use the OE series when a DLE, U, or HB model is unsuitable. The offset eye may also be used as a suspension grip. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.



Offset Eye Grip Part No. OE-112-SW

OFFSET EYE - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
OE-25-SW	¼" - ⅜"	500	1,000	6"	4"
OE-37-SW	⅜" - ½"	500	1,000	7"	4"
OE-50-SW	½" - ⅝"	500	1,000	8"	4½"
OE-62-SW	⅝" - ¾"	500	1,000	10"	5"
OE-75-SW	¾" - 1⅛"	1,000	2,000	12"	5"
OE-100-SW	¾" - 1¼"	1,000	2,000	14"	5½"
OE-112-SW	1⅛" - 1⅝"	1,000	2,000	14"	6"
OE-162-SW	1⅝" - 2½"	1,000	2,000	16"	7"
OE-250-SW	2½" - 3½"	1,800	3,600	18"	8½"
OE-350-SW	3½" - 4½"	1,800	3,600	20"	8½"
OE-450-SW	4½" - 5½"	1,800	3,600	22"	10"

OFFSET EYE - DOUBLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
OE-50-DW	½" - ⅝"	1,000	2,000	8"	4½"
OE-62-DW	⅝" - ¾"	1,000	2,000	10"	5"
OE-75-DW	¾" - 1⅛"	2,000	4,000	12"	5"
OE-100-DW	¾" - 1¼"	2,000	4,000	14"	5½"
OE-112-DW	1⅛" - 1⅝"	2,000	4,000	14"	6"
OE-162-DW	1⅝" - 2½"	2,000	4,000	16"	7"
OE-250-DW	2½" - 3½"	3,000	6,000	18"	8½"
OE-350-DW	3½" - 4½"	3,000	6,000	20"	8½"
OE-450-DW	4½" - 5½"	3,600	7,200	22"	10"

Suspension Grips — Continued

Special Applications

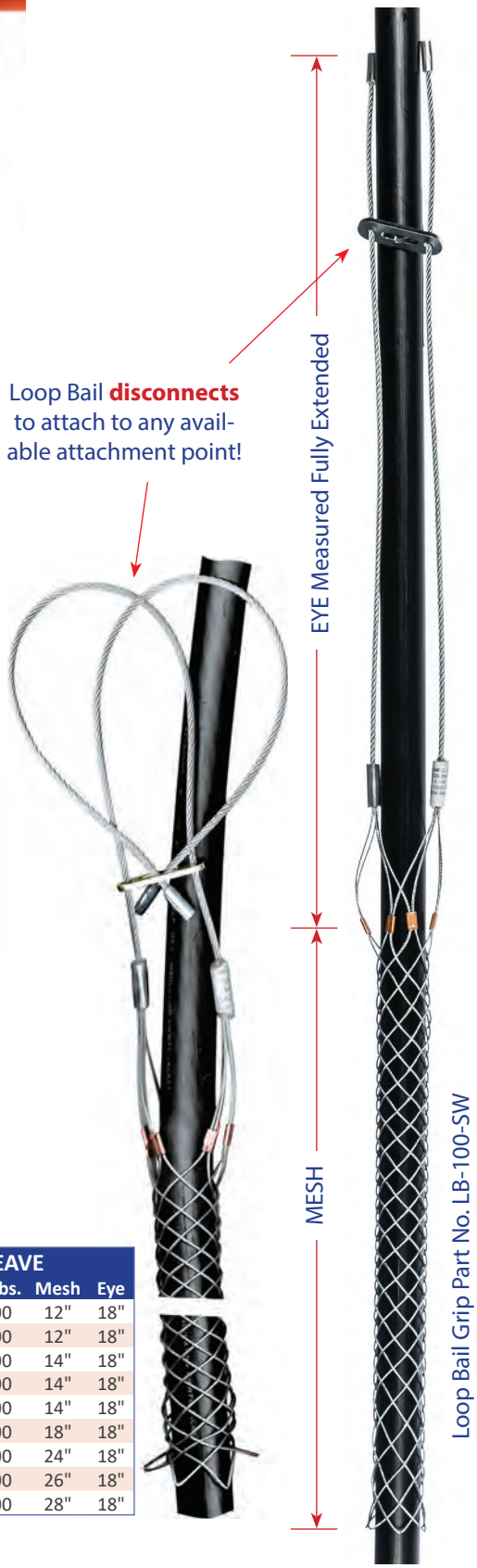
HB MODELS, HOOK BAIL

The **Hook Bail** series is used **when a connection cannot be made with a U-Bail**. The hook bail series is available in split lace or split rod configurations. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.

HOOK BAIL - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
HB-25-SW	¼" - ⅜"	500	1,000	6"	4"
HB-37-SW	⅜" - ½"	500	1,000	6"	4½"
HB-50-SW	½" - ⅝"	500	1,000	8"	4½"
HB-62-SW	⅝" - ¾"	500	1,000	10"	5"
HB-75-SW	¾" - 1⅛"	1,000	2,000	12"	5"
HB-100-SW	¾" - 1¼"	1,000	2,000	14"	6"
HB-112-SW	1⅛" - 1⅜"	1,000	2,000	14"	7"
HB-162-SW	1⅜" - 2½"	1,000	2,000	16"	7"
HB-250-SW	2½" - 3½"	1,800	3,600	18"	8"
HB-350-SW	3½" - 4½"	1,800	3,600	20"	8"
HB-450-SW	4½" - 5½"	1,800	3,600	22"	8"

HOOK BAIL - DOUBLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
HB-50-DW	½" - ⅝"	1,000	2,000	8"	4½"
HB-62-DW	⅝" - ¾"	1,000	2,000	10"	5"
HB-75-DW	¾" - 1⅛"	2,000	4,000	12"	5"
HB-100-DW	¾" - 1¼"	2,000	4,000	14"	6"
HB-112-DW	1⅛" - 1⅜"	2,000	4,000	14"	7"
HB-162-DW	1⅜" - 2½"	2,000	4,000	16"	7"
HB-250-DW	2½" - 3½"	3,000	6,000	18"	8"
HB-350-DW	3½" - 4½"	3,000	6,000	20"	8"
HB-450-DW	4½" - 5½"	3,600	7,200	22"	8"





Models HB & LB

LB MODELS, LOOP BAIL

The **Loop Bail** series is used when **there is a fixed attachment point**. The Bail cinches when weight is applied to the mesh. The Bail can be disconnected so the user can attach the grip to any available attachment point. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.

LOOP BAIL - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
LB-25-SW	¼" - ⅜"	500	1,000	10"	18"
LB-37-SW	⅜" - ½"	500	1,000	10"	18"
LB-50-SW	½" - ⅝"	500	1,000	12"	18"
LB-62-SW	⅝" - ¾"	500	1,000	12"	18"
LB-75-SW	¾" - 1⅛"	1,000	2,000	14"	18"
LB-100-SW	¾" - 1¼"	1,000	2,000	14"	18"
LB-112-SW	1⅛" - 1⅜"	1,000	2,000	14"	18"
LB-162-SW	1⅜" - 2½"	1,000	2,000	18"	18"
LB-250-SW	2½" - 3½"	1,800	3,600	24"	18"
LB-350-SW	3½" - 4½"	1,800	3,600	26"	18"
LB-450-SW	4½" - 5½"	1,800	3,600	28"	18"

LOOP BAIL - DOUBLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
LB-50-DW	½" - ⅝"	1,000	2,000	12"	18"
LB-62-DW	⅝" - ¾"	1,000	2,000	12"	18"
LB-75-DW	¾" - 1⅛"	2,000	4,000	14"	18"
LB-100-DW	¾" - 1¼"	2,000	4,000	14"	18"
LB-112-DW	1⅛" - 1⅜"	2,000	4,000	14"	18"
LB-162-DW	1⅜" - 2½"	2,000	4,000	18"	18"
LB-250-DW	2½" - 3½"	3,000	6,000	24"	18"
LB-350-DW	3½" - 4½"	3,000	6,000	26"	18"
LB-450-DW	4½" - 5½"	3,600	7,200	28"	18"

Suspension Grips — Continued

Split Grips, Lace & Rod Closing

Patent No.'s 3,122,806 & 3,399,853

Models LSR, LSL & S

LSR & LSL, SPLIT GRIPS

Rod & Lace Closing

Lewis Split Grips – both **Rod and Lace Closing** – are designed **for all phases of suspension or pulling, where neither end of the conductor is available** and "**middle of the run**" application of the grip is desired. Head variations are **DLE** , **SE** or **U**. Please specify part number per desired head and specifications as listed below.

Part No. Segments: TYPE - HEAD - SIZE
Options: _____ - _____ - _____

Type Options	Description
LSR	Rod Closing
LSL	Lase Closing

NOTE: Working loads are max holding power for the smallest conductor in each size range.

Head Options		Description
SE		Single Lift Eye
DLE		Dual Lift Eye
U		Single U-Bail

Size Options	Range	WL lbs.	UTS lbs.
.75	¾" - 1"	600	1,800
1.00	1" - 1¼"	750	2,250
1.25	1¼" - 1½"	900	2,700
1.50	1½" - 1¾"	1,100	3,300
1.75	1¾" - 2"	1,300	3,900
2.00	2" - 2½"	1,500	4,500
2.50	2½" - 3"	1,700	5,100
3.00	3" - 3½"	1,700	5,100
3.50	3½" - 4"	1,800	5,400
4.00	4" - 4½"	2,000	6,000
4.50	4½" - 5"	2,250	6,750
5.00	5" - 5½"	2,500	7,500



ROD CLOSING



LACE CLOSING

S-1 TO S-4 MODELS

Hi-Fatigue Aircraft Steel Cable, Lace Closing



Part No. S-2-SW

S Series Split Grips are specially designed to **pull or support wire or cable already in place**. They are manufactured of **Hi-Fatigue Aircraft Strand Steel Cable** with abrasive resistant plastic coating. All Split Grips are closed with plastic coated stainless steel flexible lacing cable.

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh	Eye
S-1-SW	¾"-1¼"	1,500	4,500	Single	14"	9"
S-1-DW	¾"-1¼"	2,000	6,000	Double	14"	9"
S-2-SW	1¼"-1¾"	2,000	6,000	Single	18"	11"
S-2-DW	1¼"-1¾"	3,000	9,000	Double	18"	11"
S-3-SW	1¾"-2¼"	2,500	7,500	Single	24"	13"
S-3-DW	1¾"-2¼"	4,000	12,000	Double	24"	13"
S-4-SW	2¼"-2¾"	3,000	9,000	Single	30"	15"
S-4-DW	2¼"-2¾"	5,000	15,000	Double	30"	15"

Suspension Grips — Continued

Strain Relief Grips

FBDM MODELS, STRAIN RELIEF

Fitted Male Thread Bus Drop

The **FBDM** series provides a **liquid tight and strain relief termination for flexible-type neoprene, hypalon and PVC jacketed power or control cord and cable**. It is used in wet or dry locations sealing electrical connections against dust and dirt, oil, water or other circumstances involving moisture. Available in aluminum construction to meet the specifications of demanding service on all types of machinery and in all non-hazardous areas. The wire mesh combined with the Neoprene sealing grommet provides strain relief protecting internal wiring connections against outside tension on cable or cord.



Part No. FBDM-4

NOTE:
Part numbers are clearly stamped into metal connector.

Part No.	Conduit Size inches	Cord or Cable Size inches
FBDM-1	¼	.060 - .156
FBDM-2	¼	.156 - .250
FBDM-3	⅜	.125 - .187
FBDM-4	⅜	.187 - .312
FBDM-5	⅜	.312 - .437
FBDM-6	½	.125 - .187
FBDM-7	½	.187 - .312
FBDM-8	½	.312 - .437
FBDM-9	½	.375 - .500
FBDM-10	½	.500 - .625
FBDM-11	½	.625 - .750
FBDM-12	¾	.125 - .250
FBDM-13	¾	.250 - .375
FBDM-14	¾	.375 - .500
FBDM-15	¾	.500 - .625
FBDM-16	¾	.625 - .750
FBDM-17	¾	.750 - .875
FBDM-18	1	.375 - .500
FBDM-19	1	.500 - .625
FBDM-20	1	.625 - .750

Part No.	Conduit Size inches	Cord or Cable Size inches
FBDM-21	1	.750 - .875
FBDM-22	1	.875 - 1.000
FBDM-23	1	1.000 - 1.125
FBDM-24	1¼	.750 - .875
FBDM-25	1¼	.875 - 1.000
FBDM-26	1¼	1.000 - 1.125
FBDM-27	1¼	1.125 - 1.250
FBDM-28	1¼	1.250 - 1.375
FBDM-29	1¼	1.375 - 1.500
FBDM-30	1½	1.156 - 1.312
FBDM-31	1½	1.281 - 1.531
FBDM-32	2	1.531 - 1.780
FBDM-33	2	1.650 - 2.000
FBDM-34	2½	2.000 - 2.343
FBDM-35	2½	2.250 - 2.500
FBDM-36	3	2.500 - 2.843
FBDM-37	3	2.687 - 3.062
FBDM-38	3½	3.000 - 3.390
FBDM-39	3½	3.281 - 3.515
FBDM-40	4	3.500 - 3.583
FBDM-41	4	3.750 - 4.000

CC MODELS, CORD CAP

For Male & Female Electrical Cord Plugs



Part No. CC-62

The **CC Cord Cap** series grips are used to **prevent electrical cords from pulling out of cord caps**.
CC grips are suitable for cord caps that are equipped with screw down cord clamps.



Part No.	Range	WL lbs.	UTS lbs.	Mesh
CC-50	½" - ⅝"	500	1,000	4¾"
CC-62	⅝" - ¾"	500	1,000	6"
CC-75	¾" - 1⅛"	1,000	2,000	8"
CC-100	¾" - 1¼"	1,000	2,000	10"

NOTE: CC grips are suitable for cord caps that are equipped with screw down cord clamps.

Suspension Grips — Tinned Bronze

Special Applications

TB Models U, DLE & OE

U-TB, U-BAIL, TB

These grips are used for **bus drop and general suspension**. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number.

Non-Magnetic Tinned Bronze Suspension Grips

These grips are constructed of **Non-Magnetic**, **Tin Coated Bronze**. Tin coated bronze is ideal for standard support applications under regular tension. Tin coated bronze grips should always be considered when **corrosion resistance and non-magnetism are required**.



U-BAIL - TB - SINGLE WEAVE

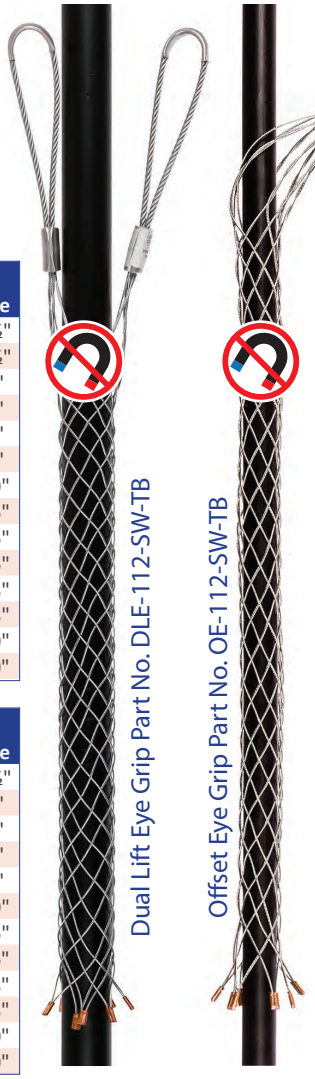
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
U-25-SW-TB	¼" - ⅜"	325	650	5"	5½"
U-37-SW-TB	⅜" - ½"	325	650	6"	5½"
U-50-SW-TB	½" - ⅝"	375	750	8"	6"
U-62-SW-TB	⅝" - ¾"	375	750	10"	7"
U-75-SW-TB	¾" - 1⅛"	650	1,300	12"	8"
U-100-SW-TB	¾" - 1¼"	650	1,300	14"	9"
U-112-SW-TB	1⅛" - 1⅜"	675	1,350	14"	10"
U-162-SW-TB	1⅜" - 2½"	750	1,500	16"	16"
U-175-SW-TB	1¾" - 2½"	750	1,500	16"	16"
U-200-SW-TB	2" - 2½"	850	1,700	16"	16"
U-250-SW-TB	2½" - 3½"	850	1,700	18"	18"
U-300-SW-TB	3" - 3½"	900	1,800	18"	18"
U-350-SW-TB	3½" - 4½"	975	1,950	20"	20"
U-450-SW-TB	4½" - 5½"	1,050	2,100	22"	20"

U-BAIL - TB - DOUBLE WEAVE

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
U-37-DW-TB	⅜" - ½"	650	1,300	6"	5½"
U-50-DW-TB	½" - ⅝"	750	1,500	8"	6"
U-62-DW-TB	⅝" - ¾"	750	1,500	10"	7"
U-75-DW-TB	¾" - 1⅛"	1,300	2,600	12"	8"
U-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	9"
U-112-DW-TB	1⅛" - 1⅜"	1,350	2,700	14"	10"
U-162-DW-TB	1⅜" - 2½"	1,500	3,000	16"	16"
U-200-DW-TB	2" - 2½"	1,700	3,400	16"	16"
U-250-DW-TB	2½" - 3½"	1,700	3,400	18"	18"
U-300-DW-TB	3" - 3½"	1,800	3,600	18"	18"
U-350-DW-TB	3½" - 4½"	1,950	3,900	20"	20"
U-450-DW-TB	4½" - 5½"	2,100	4,200	22"	20"

DLE-TB, DUAL LIFT EYE, TB

These grips are used for **bus drop and general suspension**. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number.



DUAL LIFT EYE - TB - SINGLE WEAVE

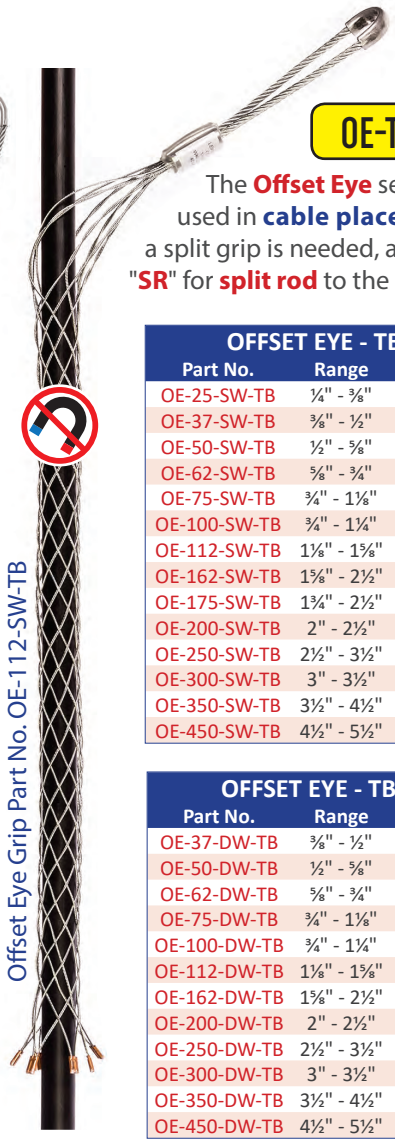
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
DLE-25-SW-TB	¼" - ⅜"	325	650	5"	5½"
DLE-37-SW-TB	⅜" - ½"	325	650	6"	5½"
DLE-50-SW-TB	½" - ⅝"	375	750	8"	6"
DLE-62-SW-TB	⅝" - ¾"	375	750	10"	7"
DLE-75-SW-TB	¾" - 1⅛"	650	1,300	12"	8"
DLE-100-SW-TB	¾" - 1¼"	650	1,300	14"	9"
DLE-112-SW-TB	1⅛" - 1⅜"	675	1,350	14"	10"
DLE-162-SW-TB	1⅜" - 2½"	750	1,500	16"	16"
DLE-175-SW-TB	1¾" - 2½"	750	1,500	16"	16"
DLE-200-SW-TB	2" - 2½"	850	1,700	16"	16"
DLE-250-SW-TB	2½" - 3½"	850	1,700	18"	18"
DLE-300-SW-TB	3" - 3½"	900	1,800	18"	18"
DLE-350-SW-TB	3½" - 4½"	975	1,950	20"	20"
DLE-450-SW-TB	4½" - 5½"	1,050	2,100	22"	20"

DUAL LIFT EYE - TB - DOUBLE WEAVE

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
DLE-37-DW-TB	⅜" - ½"	650	1,300	6"	5½"
DLE-50-DW-TB	½" - ⅝"	750	1,500	8"	6"
DLE-62-DW-TB	⅝" - ¾"	750	1,500	10"	7"
DLE-75-DW-TB	¾" - 1⅛"	1,300	2,600	12"	8"
DLE-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	9"
DLE-112-DW-TB	1⅛" - 1⅜"	1,350	2,700	14"	10"
DLE-162-DW-TB	1⅜" - 2½"	1,500	3,000	16"	16"
DLE-200-DW-TB	2" - 2½"	1,700	3,400	16"	16"
DLE-250-DW-TB	2½" - 3½"	1,700	3,400	18"	18"
DLE-300-DW-TB	3" - 3½"	1,800	3,600	18"	18"
DLE-350-DW-TB	3½" - 4½"	1,950	3,900	20"	20"
DLE-450-DW-TB	4½" - 5½"	2,100	4,200	22"	20"

OE-TB, OFFSET EYE, TB

The **Offset Eye** series is most commonly used in **cable placement applications**. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number.



OFFSET EYE - TB - SINGLE WEAVE

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
OE-25-SW-TB	¼" - ⅜"	325	650	6"	4"
OE-37-SW-TB	⅜" - ½"	325	650	7"	4"
OE-50-SW-TB	½" - ⅝"	375	750	8"	4½"
OE-62-SW-TB	⅝" - ¾"	375	750	10"	5"
OE-75-SW-TB	¾" - 1⅛"	650	1,300	12"	5"
OE-100-SW-TB	¾" - 1¼"	650	1,300	14"	5½"
OE-112-SW-TB	1⅛" - 1⅜"	675	1,350	14"	6"
OE-162-SW-TB	1⅜" - 2½"	750	1,500	16"	7"
OE-175-SW-TB	1¾" - 2½"	750	1,500	16"	7"
OE-200-SW-TB	2" - 2½"	850	1,700	16"	8"
OE-250-SW-TB	2½" - 3½"	850	1,700	18"	8½"
OE-300-SW-TB	3" - 3½"	900	1,800	18"	8"
OE-350-SW-TB	3½" - 4½"	975	1,950	20"	8½"
OE-450-SW-TB	4½" - 5½"	1,050	2,100	22"	10"

OFFSET EYE - TB - DOUBLE WEAVE

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
OE-37-DW-TB	⅜" - ½"	650	1,300	6"	4½"
OE-50-DW-TB	½" - ⅝"	750	1,500	8"	4½"
OE-62-DW-TB	⅝" - ¾"	750	1,500	10"	5"
OE-75-DW-TB	¾" - 1⅛"	1,300	2,600	12"	5"
OE-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	5½"
OE-112-DW-TB	1⅛" - 1⅜"	1,350	2,700	14"	6"
OE-162-DW-TB	1⅜" - 2½"	1,500	3,000	16"	7"
OE-200-DW-TB	2" - 2½"	1,700	3,400	16"	8"
OE-250-DW-TB	2½" - 3½"	1,700	3,400	18"	8½"
OE-300-DW-TB	3" - 3½"	1,800	3,600	18"	8"
OE-350-DW-TB	3½" - 4½"	1,950	3,900	20"	8½"
OE-450-DW-TB	4½" - 5½"	2,100	4,200	22"	10"

Suspension Grips — Tinned Bronze — Continued

Special Applications

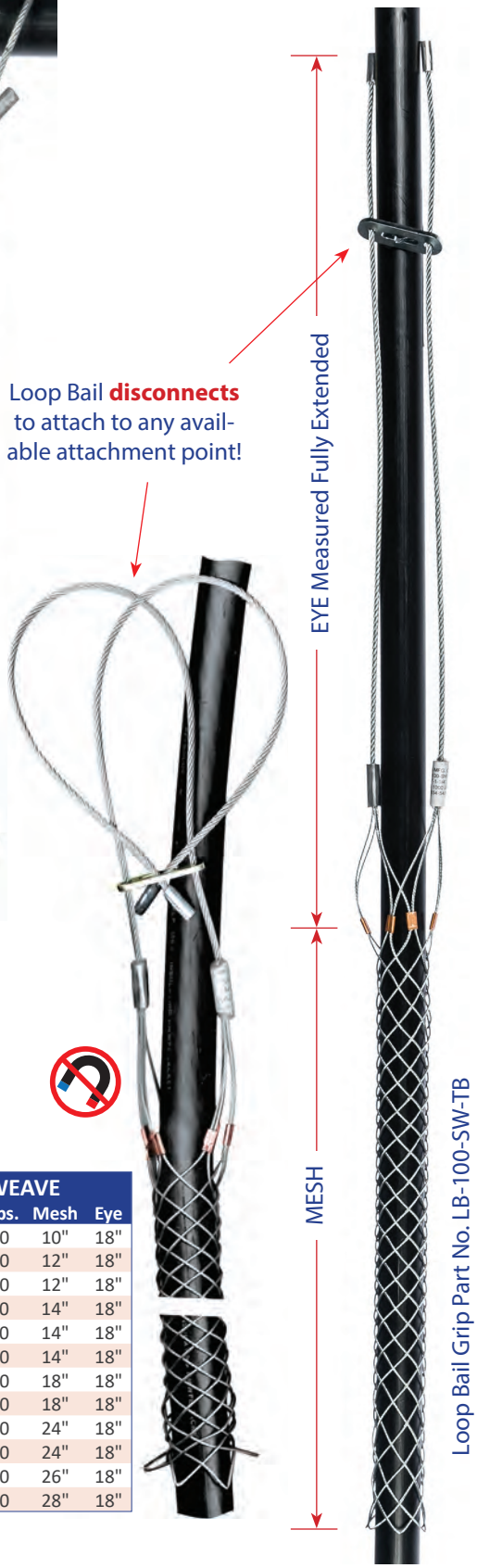
HB-TB, HOOK BAIL, TB

The **Tinned Bronze Hook Bail** series is used **when a connection cannot be made with a U-Bail**. The hook bail series is available in split lace or split rod configurations. If a split grip is needed, add "**SL**" for **split lace** or "**SR**" for **split rod** to the end of part number.

HOOK BAIL - TB - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
HB-25-SW-TB	¼" - ⅜"	325	650	6"	4"
HB-37-SW-TB	⅜" - ½"	325	650	6"	4½"
HB-50-SW-TB	½" - ⅝"	375	750	8"	4½"
HB-62-SW-TB	⅝" - ¾"	375	750	10"	5"
HB-75-SW-TB	¾" - 1⅛"	650	1,300	12"	5"
HB-100-SW-TB	¾" - 1¼"	650	1,300	14"	6"
HB-112-SW-TB	1⅛" - 1⅜"	675	1,350	14"	7"
HB-162-SW-TB	1⅜" - 2½"	750	1,500	16"	7"
HB-175-SW-TB	1¾" - 2½"	750	1,500	16"	14"
HB-200-SW-TB	2" - 2½"	850	1,700	16"	14"
HB-250-SW-TB	2½" - 3½"	850	1,700	18"	8"
HB-300-SW-TB	3" - 3½"	900	1,800	16"	16"
HB-350-SW-TB	3½" - 4½"	975	1,950	20"	8"
HB-450-SW-TB	4½" - 5½"	1,050	2,100	22"	8"

HOOK BAIL - TB - DOUBLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
HB-37-DW-TB	⅜" - ½"	650	1,300	6"	4½"
HB-50-DW-TB	½" - ⅝"	750	1,500	8"	4½"
HB-62-DW-TB	⅝" - ¾"	750	1,500	10"	5"
HB-75-DW-TB	¾" - 1⅛"	1,300	2,600	12"	5"
HB-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	6"
HB-112-DW-TB	1⅛" - 1⅜"	1,350	2,700	14"	7"
HB-162-DW-TB	1⅜" - 2½"	1,500	3,000	16"	7"
HB-200-DW-TB	2" - 2½"	1,700	3,400	16"	14"
HB-250-DW-TB	2½" - 3½"	1,700	3,400	18"	8"
HB-300-DW-TB	3" - 3½"	1,800	3,600	18"	16"
HB-350-DW-TB	3½" - 4½"	1,950	3,900	20"	8"
HB-450-DW-TB	4½" - 5½"	2,100	4,200	22"	8"





HB Models HB & LB

LB-TB, LOOP BAIL, TB

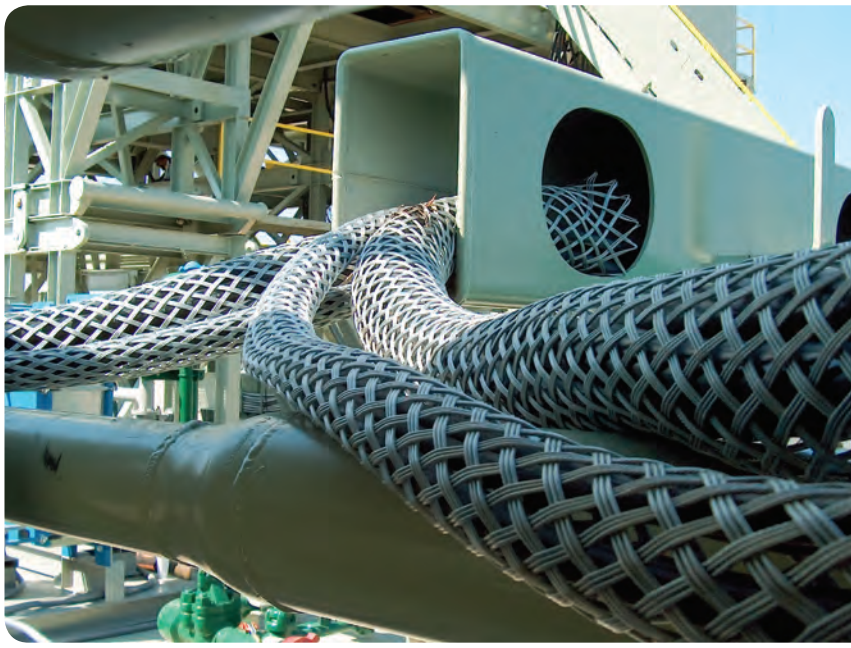
The **Tinned Bronze Loop Bail** series is used when **there is a fixed attachment point**. The Bail cinches when weight is applied to the mesh. The Bail can be disconnected so the user can attach the grip to any available attachment point. Tin coated bronze grips should always be considered when corrosion resistance and non-magnetism are required.

LOOP BAIL - TB - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
LB-25-SW-TB	¼" - ⅜"	325	650	10"	18"
LB-37-SW-TB	⅜" - ½"	325	650	10"	18"
LB-50-SW-TB	½" - ⅝"	375	750	12"	18"
LB-62-SW-TB	⅝" - ¾"	375	750	12"	18"
LB-75-SW-TB	¾" - 1⅛"	650	1,300	14"	18"
LB-100-SW-TB	¾" - 1¼"	650	1,300	14"	18"
LB-112-SW-TB	1⅛" - 1⅜"	675	1,350	14"	18"
LB-162-SW-TB	1⅜" - 2½"	750	1,500	18"	18"
LB-175-SW-TB	1¾" - 2½"	750	1,500	18"	18"
LB-200-SW-TB	2" - 2½"	850	1,700	18"	18"
LB-250-SW-TB	2½" - 3½"	850	1,700	24"	18"
LB-300-SW-TB	3" - 3½"	900	1,800	24"	18"
LB-350-SW-TB	3½" - 4½"	975	1,950	26"	18"
LB-450-SW-TB	4½" - 5½"	1,050	2,100	28"	18"

LOOP BAIL - TB - DOUBLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
LB-37-DW-TB	⅜" - ½"	650	1,300	10"	18"
LB-50-DW-TB	½" - ⅝"	750	1,500	12"	18"
LB-62-DW-TB	⅝" - ¾"	750	1,500	12"	18"
LB-75-DW-TB	¾" - 1⅛"	1,300	2,600	14"	18"
LB-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	18"
LB-112-DW-TB	1⅛" - 1⅜"	1,350	2,700	14"	18"
LB-162-DW-TB	1⅜" - 2½"	1,500	3,000	18"	18"
LB-200-DW-TB	2" - 2½"	1,700	3,400	18"	18"
LB-250-DW-TB	2½" - 3½"	1,700	3,400	24"	18"
LB-300-DW-TB	3" - 3½"	1,800	3,600	24"	18"
LB-350-DW-TB	3½" - 4½"	1,950	3,900	26"	18"
LB-450-DW-TB	4½" - 5½"	2,100	4,200	28"	18"

Splice, Bundle & Protect!

The **Model O Series** is traditionally used as a splicing grip. However, now this versatile series is also being used for cable bundling and it is called the Bundle Keeper **Model BK-O Series**.



O MODELS, SPLICING GRIPS



⚠WARNING

1. Insert cable & rope fully into the mesh till they meet in the middle.
2. **Band AND Tape** the grip's ends according to the banding instructions in this document
3. Failure to follow the instructions as detailed in the supplied documents, may result in serious injury or even death.



The following table lists the most popular sizes in splicing or bundle keeper grips. However, if you need a different length of mesh please contact us and inquire.

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh
AAA-O-DW-24	¼" - ½"	1,200 lbs.	2,400 lbs.	Double	24"
AA-O-DW-24	½" - ¾"	2,000 lbs.	4,000 lbs.	Double	24"
AA-O-TW-36	½" - ¾"	2,600 lbs.	5,200 lbs.	Triple	36"
A-O-DW-24	¾" - 1¼"	2,000 lbs.	6,000 lbs.	Double	24"
A-O-TW-24	¾" - 1¼"	3,500 lbs.	10,000 lbs.	Triple	24"
B-O-TW-26	1¼" - 2"	2,500 lbs.	7,500 lbs.	Triple	26"
B-O-TW-32	1¼" - 2"	3,500 lbs.	10,500 lbs.	Triple	32"
C-O-TW-32	2" - 2¾"	3,500 lbs.	10,500 lbs.	Triple	32"
C-O-TW-38	2" - 2¾"	4,500 lbs.	13,500 lbs.	Triple	38"
D-O-TW-38	2¾" - 3½"	4,500 lbs.	13,500 lbs.	Triple	38"
D-O-TW-46	2¾" - 3½"	5,500 lbs.	16,500 lbs.	Triple	46"
E-O-TW-46	3½" - 4¼"	5,500 lbs.	16,500 lbs.	Triple	46"
E-O-TW-52	3½" - 4¼"	6,500 lbs.	19,500 lbs.	Triple	52"
F-O-TW-52	4¼" - 4⅞"	6,000 lbs.	18,000 lbs.	Triple	52"
F-O-TW-58	4¼" - 4⅞"	7,000 lbs.	21,000 lbs.	Triple	58"
G-O-QW-58	4⅞" - 5½"	7,300 lbs.	21,900 lbs.	Quad	58"
G-O-QW-64	4⅞" - 5½"	8,300 lbs.	24,900 lbs.	Quad	64"
H-O-QW-58	5½" - 6"	7,300 lbs.	21,900 lbs.	Quad	58"
H-O-QW-64	5½" - 6"	8,300 lbs.	24,900 lbs.	Quad	64"
I-O-QW-58	6" - 6¾"	7,300 lbs.	21,900 lbs.	Quad	58"
I-O-QW-64	6" - 6¾"	8,300 lbs.	24,900 lbs.	Quad	64"
J-O-QW-58	6¾" - 8"	9,100 lbs.	27,300 lbs.	Quad	58"
J-O-QW-64	6¾" - 8"	10,100 lbs.	30,300 lbs.	Quad	64"

Splicing Grips & Bundle Keeper — Continued

For Protecting Cable, Wire and Hose Bundles

BK MODELS, BUNDLE KEEPER GRIPS

The **Model BK-O Series** is used for bundling, organizing and protection. The Bundle Keeper grips can also be used on **hydraulic & pneumatic lines** that may need an extra measure of protection & organization.

Bundle Keeper Grips Features:

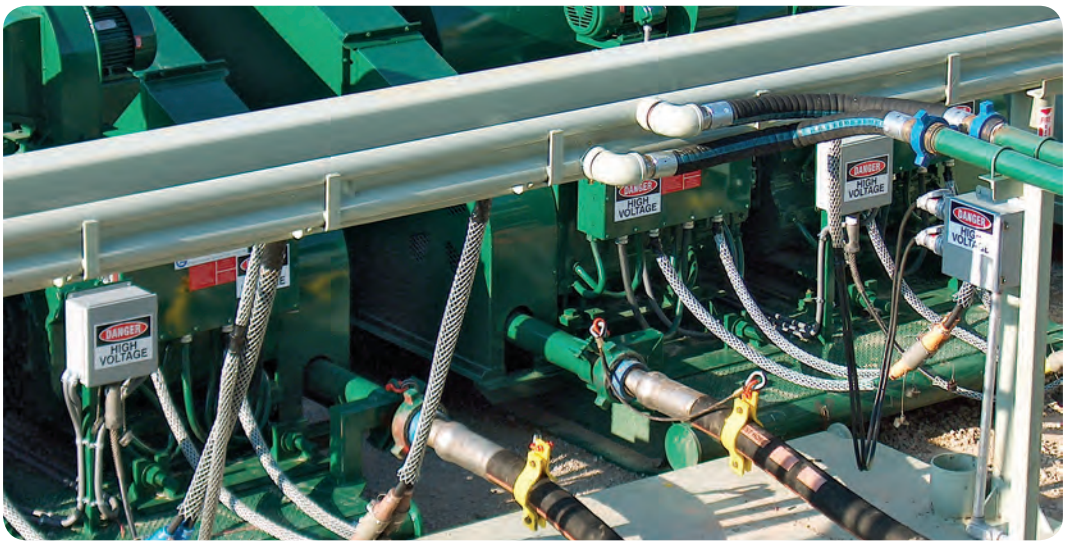
- Dramatically reduce abrasion and cuts to cables by providing a protective wire mesh barrier.
- Convert unsightly, dangerous loose cabling, which is major trip hazard, into manageable and safe bundles.
- When used on hydraulic and pneumatic lines, they provide an extra measure of protection and organization.

The following table lists the most popular sizes in Bundle keeper grips. However, if you need a different length of mesh please contact us.



Models BK & LSG-O

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh
BK-A-O-TW-48	¾" - 1¼"	3,500 lbs.	10,500 lbs.	Triple	48"
BK-B-O-TW-120	1¼" - 2"	3,500 lbs.	10,500 lbs.	Triple	120"
BK-C-O-TW-60	2" - 2¾"	4,500 lbs.	13,500 lbs.	Triple	60"
BK-D-O-TW-48	2¾" - 3½"	5,500 lbs.	16,500 lbs.	Triple	48"
BK-D-O-TW-60	2¾" - 3½"	5,500 lbs.	16,500 lbs.	Triple	60"
BK-E-O-TW-120	3½" - 4¼"	6,500 lbs.	19,500 lbs.	Triple	120"



Overhead Pulling Grips

For Cable and Rope Pulling

Models OH, R & WRC

OH MODELS

4 Standard Sizes from 1/4" to 1,000 MCM



The **OH Series** pulling grip is designed for the special demands of **overhead stringing crews**, with a basket constructed of woven **Nylon Coated Aircraft Strand** for maximum abrasive resistance. It has special tough **plastic boots at eye-end** to prevent abrasion between the conductor and pulling dollies. A steel thimble is manufactured into the eye and is furnished without swivel or steel thimble on request. It is easily adaptable to Lewis ball bearing swivels.

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh	Eye
OH-DW-¼-½	¼"-½"	1,500	4,500	Double	24"	3"
OH-TW-½-⅞	½"-⅞" 3/0 - .336 MCM	3,200	9,600	Triple	42"	4"
OH-TW-⅞-1¼	⅞"-1¼" .477 - .795 MCM	4,100	12,300	Triple	48"	4"
OH-5W-1¼-1¾	1¼"-1¾" .795 - 1.000 MCM	6,300	18,900	Penta	51"	4"

NOTE: Uncoated wire gives approximately 20% more strength. Please specify when ordering.

R MODELS

3 Standard Sizes from 1/4" to 1¼"



The **R Model Series** is basically the same grip in size and basket construction as the Model OH; however, it is somewhat shorter. This grip is used in **pulling all types of rope**.

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh	Eye
R-DW-¼-½	¼"-½"	1,500	4,500	Double	18"	3"
R-TW-½-⅞	½"-⅞"	3,200	9,600	Triple	36"	4"
R-TW-⅞-1¼	⅞"-1¼"	4,100	12,300	Triple	42"	4"

WRC MODELS

Standard Duty, 4 Sizes from 1/4" to 2"



The **WRC Series** grip is primarily a **high tension, overhead transmission line-stringing grip**. This series can be used for bare or insulated wires and rope pulling. The WRC series incorporates reverse weave design, a compact **single-cable eye** with **aluminum protective shoulders** and high strength, enabling the user to pull through the narrowest of clearances with no hang-ups.

Part No.	Range	UTS lbs.	Weave	Mesh	Eye
WRC-DW-¼-½	¼" - ½"	4,500	Double	24"	10"
WRC-TW-½-1	½" - 1"	9,600	Triple	36"	14"
WRC-TW-1-1½	1" - 1½"	17,100	Triple	42"	16"
WRC-QW-1½-2	1½" - 2"	28,800	Quad	48"	20"

WRC-HD MODELS

Heavy-Duty, 4 HD Sizes from 1/4" to 2"

NEW HD MODEL



The **New Heavy-Duty WRC-HD Series** grip is primarily a **high tension, overhead transmission line-stringing grip**. This HD grip can be used for bare or insulated wires and rope pulling. The WRC-HD has a reverse weave design, a very strong **single-cable eye** with **aluminum protective shoulders**.

Part No.	Range Cable OD / Rope OD	UTS lbs.	Mesh	Eye
WRC-HD-¼-½	0.19"-0.37" / 0.25"-0.65"	8,000	24"	10"
WRC-HD-½-⅞	0.38"-0.875" / 0.50"-0.90"	12,500	36"	12"
WRC-HD-⅞-1⅜	0.875"-1.25" / 0.80"-1.375"	25,750	60"	15"
WRC-HD-1⅜-2	1.25"-1.95" / 1.375"-1.825"	30,600	76"	18"

5:1 UTS TO WL RATIO

Overhead Pulling Grips — Continued

For Cable and Rope Pulling

HDFE MODELS, FLEX-EYE HD

Heavy-Duty for smooth big pulls through pulleys



Part No. HDFE-1/2-7/8



The **HDFE Series Flex-Eye** is a powerful grip for **pulling big conductors** and will travel smoothly through pulleys. It is made of the highest quality, flexible aircraft strand steel, integrated with a new flexible eye. The eye itself is composed of braided strands (rather than being rigid) to give it maximum flexibility in going around angle pulls or through small openings. Strands of the grip are retained at the head by a stainless steel spring, eliminating a rigid compression sleeve.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
HDFE-¼-½	¼"-½"	1,200	3,600	22"	4"
HDFE-½-⅞	½"-⅞"	2,400	7,200	42"	6"
HDFE-⅞-1⅜	⅞"-1⅜"	5,700	17,100	48"	7"
HDFE-1⅜-2	1⅜"-2"	9,600	28,800	50"	7"
HDFE-2-2¾	2"-2¾"	11,500	34,500	52"	7"
HDFE-2¾-3½	2¾"-3½"	13,500	40,500	54"	7"
HDFE-3½-4½	3½"-4¼"	15,300	45,900	56"	7"
HDFE-4½-5	4¼"-5"	17,900	53,700	58"	7"
HDFE-5-5¾	5"-5¾"	17,900	53,700	60"	7"
HDFE-5¾-6½	5¾"-6½"	17,900	53,700	60"	7"

FEMG, FLEX-EYE MULTI GRIPS

For support & pull of different size cables from one flexible eye.



Part No. FEMG-A-DW-24-3

The **Flex-Eye Multi Grips Series** is used for **support and pulling of different size cables from one flexible eye**. This gives complete support for each conductor, where supporting a bundle is not desirable. Used in conjunction where severe vibration may be encountered such as **Mine Shaft**, **Industrial**, or adjacent to **Heavily Traveled Freeways**.

Call for complete details when ordering this time-saving quality product.

Please give sizes and the number of conductors to be pulled.

JL-R SERIES GRIPS

For Secondary Light-Duty Cable Pulls



Part No. XS-JL-100-R

The **JL-R Series** is designed to be used in **secondary light duty cable pulls**. The neoprene cone at the front of the grip helps the grip and cable go around the tightest bends easily and smoothly.

Once installed properly, the cone can also help eliminate possible cable lubricant migration by sealing off the end of the cable during a pull.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
XS-JL-25-R	¼"-½"	600	1,200	6"	3½"
XS-JL-50-R	½"-¾"	1,250	2,500	8"	4"
XS-JL-100-R	¾"-1"	1,400	2,800	10"	4½"
XS-JL-125-R	1"-1½"	2,250	4,500	13"	5½"

Overhead Pulling Grips — Continued

For Cable and Rope Pulling

SEG MODELS, SWIVEL EYE GRIPS

Hardened Steel Rotating Eye



Part No. SEG-0

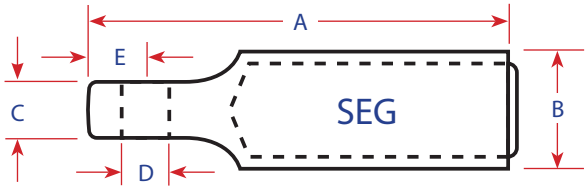
The **SEG Series** is constructed with hardened steel rotating eyes. These eyes are durable, compact, and streamlined and will thread through blocks and sheaves without binding.

NOTE: The rotating eye swivel is **Not a Ball Bearing Swivel** and will not turn while under tension. It will turn to relieve pulling torque when the pulling tension is released. If a continual swivel movement is needed, a ball bearing swivel should be used per following applications:

1. **HD** and **W** series swivels for overhead
2. **HD-S** series swivel when a high tension environment is anticipated, coupled with a need for a sealed swivel: i.e. harsh environmental requirements.

NOT A BALL BEARING SWIVEL:
The rotating swivel eye is not a ball bearing swivel & will not turn while under tension. It will turn to relieve pulling torque when the pulling tension is released. If a continual swivel movement is needed, a ball bearing swivel should be used.





Part No.	Range	WL lbs.	UTS lbs.	Mesh	A	B	C	D	E
SEG-0	¼" - ½"	1,200	2,400	24"	3¼"	⅞"	⅜"	15/32"	17/32"
SEG-1	½" - 1"	3,500	7,000	36"	3½"	1"	½"	17/32"	⅝"
SEG-2	1" - 1½"	9,600	19,200	42"	4⅝"	1⅜"	½"	43/64"	⅞"
SEG-3	1½" - 2"	11,200	22,400	48"	6½"	1⅝"	⅝"	55/64"	1"
SEG-4	2" - 2½"	16,300	32,600	60"	7½"	1⅞"	21/32"	63/64"	1 3/16"
SEG-5	2½" - 3"	16,700	33,400	60"	8"	2"	11/16"	1 1/16"	1¼"
SEG-6	3" - 3½"	16,700	33,400	66"	8"	2"	11/16"	1 1/16"	1¼"
SEG-7	3½" - 4"	16,700	33,400	72"	8"	2"	11/16"	1 1/16"	1¼"
SEG-8	4" - 4½"	23,300	46,600	72"	8½"	2¼"	13/16"	1⅛"	1⅜"
SEG-9	4½" - 5"	23,300	46,600	72"	8½"	2¼"	13/16"	1⅛"	1⅜"
SEG-10	5" - 5½"	23,300	46,600	72"	8½"	2¼"	13/16"	1⅛"	1⅜"

Underground Pulling Grips

Pulling Underground Primary & Secondary Cables

S-DW MODELS

Swivel Grips for Underground Pulling



Part No. S-DW-.62-.75-ML11

The **S-DW Series** is a good option for **pulling underground Primary or Secondary cables**. The mesh is shorter and more flexible than the standard SEG series. These qualities are well suited for the demands of underground cable installation. The S-DW series is constructed of **high grade galvanized cable** that provides the user with a long wearing grip that is easy to load and unload.

NOTE: The rotating eye swivel is **Not a Ball Bearing Swivel** and will not turn while under tension. It will turn to relieve pulling torque when the pulling tension is released. If a continual swivel movement is needed, a ball bearing swivel should be used.

If you need help making your decision, please call our sales personnel at:

Toll-Free 833-646-8480

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh
S-DW-.50-.61-ML11	.50"-.61"	1,900	3,800	Double	11"
S-DW-.62-.75-ML11	.62"-.75"	2,200	4,400	Double	11"
S-DW-.75-.99-ML20	.75"-.99"	2,200	4,400	Double	20"
S-DW-1.00-1.24-ML20	1.00"-1.24"	4,400	8,800	Double	20"
S-DW-1.25-1.49-ML24	1.25"-1.49"	4,400	8,800	Double	24"
S-DW-1.50-1.99-ML25	1.50"-1.99"	5,500	11,000	Double	25"
S-DW-2.00-2.49-ML26	2.00"-2.49"	9,000	18,000	Double	26"
S-DW-2.50-2.99-ML28	2.50"-2.99"	11,000	22,000	Double	28"
S-DW-3.00-3.49-ML30	3.00"-3.49"	13,600	27,200	Double	30"
S-DW-3.50-3.99-ML32	3.50"-3.99"	16,000	32,000	Double	32"
S-DW-4.00-4.49-ML33	4.00"-4.49"	16,000	32,000	Double	33"



Identi-Grip™ — Color Coded Grips

Phase Grip™ - Color-Coded Grips for Phase Identification

IDENTI-GRIP™

Colored Nylon Coded for Easy Identification



Typical Blue Phase Grip

Introducing Identi-Grip™ — Lewis Mfg. has created a brand new line of nylon-covered wire mesh grips known as Identi-Grip. The nylon coating of these grips give them an excellent **gripping power** while providing a very **rugged & abrasion resistance** protection.

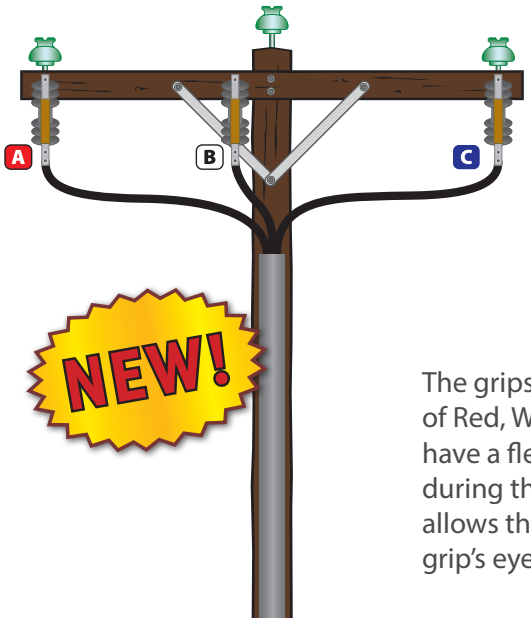
The grip's nylon covering is **color-coded** for **easy identification or size selection** as needed for the different grips in the Identi-Grip line of products. Additionally the nylon coating acts as a tough barrier minimizing wire frays that could cause injury to the user's hand.

These grips have been tested and have shown that they hold tight onto various types of material such as **PVC**, **Conduit**, Wire Rope, and **Electrical Cables**.

PHASE GRIP™

Overhead & Underground, Nylon-Covered Steel Grips

The **Phase Grip** is a member of the new **Identi-Grip** line of wire mesh grip products. Phase Grips are typically used by **Rural Electric Coops** and **Utility Contractors** for overhead and underground pulls where identification of the phase cables while being pulled is required.



Part No.	Description	Cable	WL lbs.	UTS lbs.	Qty & Color of Grips
50-3054	1/0 Phase Grip Kit	1/0	2,250	6,750	1 Red, 1 White, 1 Blue
50-3055	4/0 Phase Grip Kit	4/0	2,975	8,925	1 Red, 1 White, 1 Blue
50-3056	500 MCM Phase Grip Kit	500 MCM	3,700	11,100	1 Red, 1 White, 1 Blue
50-3057	750 MCM Phase Grip Kit	750 MCM	3,700	11,100	1 Red, 1 White, 1 Blue
50-3058	Single 1/0 Phase Grip	1/0	2,250	6,750	1, Specify
50-3059	Single 4/0 Phase Grip	4/0	2,975	8,925	1, Specify
50-3060	Single 500 MCM Phase Grip	500 MCM	3,700	11,100	1, Specify
50-3061	Single 750 MCM Phase Grip	750 MCM	3,700	11,100	1, Specify

The grips are available in a kit format. **Each kit contains 3 grips**, one of each of Red, White & Blue colors. Phase Grips are made of coated steel wires and have a flexible eye that will become flattened during the pull to create a narrow profile that allows the tightest of clearances and alleviates grip's eye distortion.



Each Kit Contains 3 Grips

Phase Grips' nylon coating provides an excellent gripping power and has great abrasion resistance characteristics.



Identi-Grip™ — Phase Grip™

Identi-Grip™ — Color Coded Grips

PitSock™ - Color-Coded Grips for Size Identification

PITSOCK™

Underground Pulls, Nylon-Covered Steel Grips



PitSock Part No. B-TW-32-Red

The **PitSock Grips** are members of the new **Identi-Grip** line of wire mesh grip products. PitSock Grips are typically used by **Electric Utilities** and **Utility Contractors** for underground pulls. Their color-coding allows for easy size-range recognition and visibility.

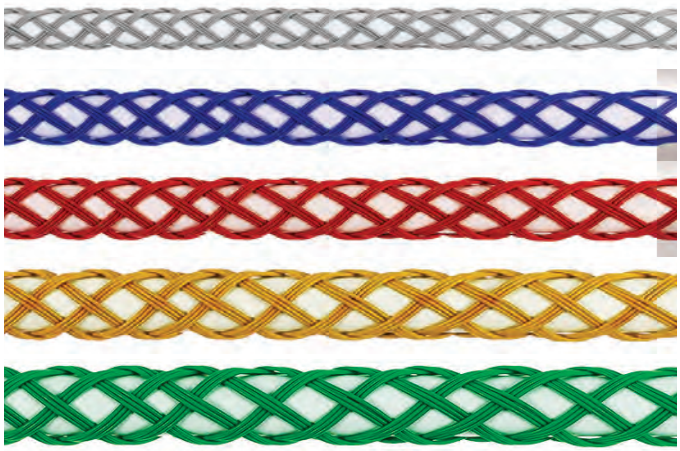
The PitSock Grips are specifically designed for **underground pulling** applications. The nylon coating provides an **excellent gripping power** and has great **abrasion resistance** characteristics.

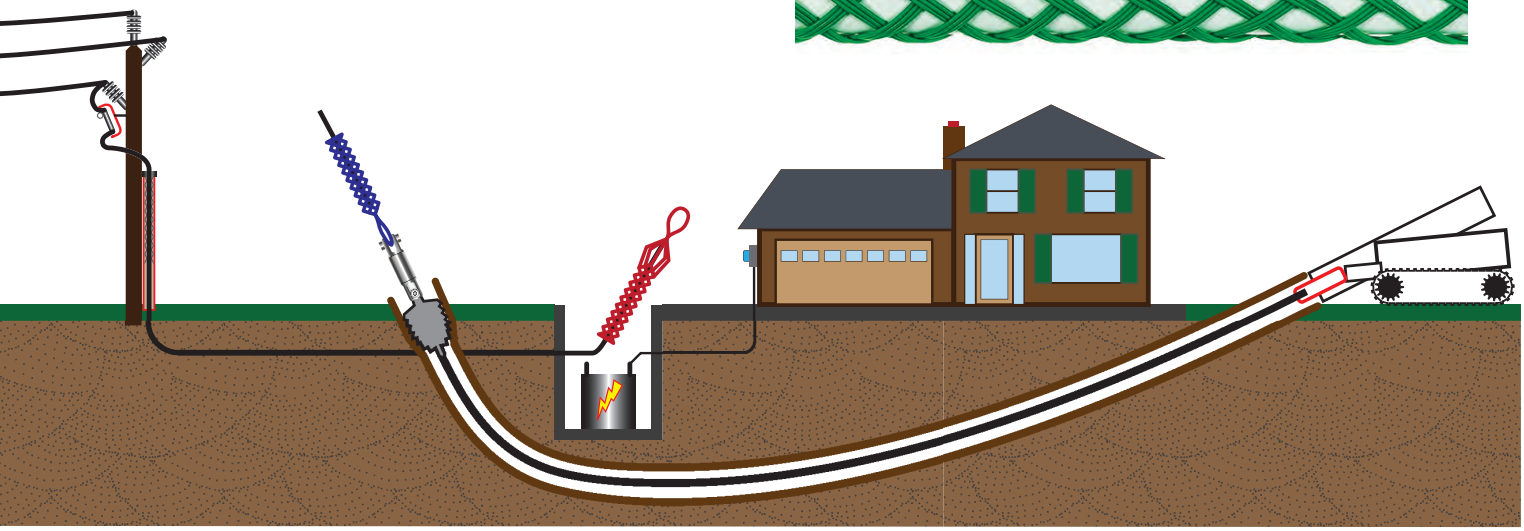
The PitSock grips are available in **5 different sizes**, each color coded for the specific size range.

Part No.	Size Range	WL lbs.	UTS lbs.	Weave	Mesh	Eye	Color
AA-TW-24-White	½" - ¾"	2,975	8,925	Triple	24"	6"	White
A-TW-24-Blue	¾" - 1¼"	3,700	11,100	Triple	24"	3"	Blue
B-TW-32-Red	1¼" - 2"	3,900	11,700	Triple	32"	3¼"	Red
C-TW-38-Yellow	2" - 2¾"	4,750	14,250	Triple	38"	3½"	Yellow
D-TW-38-Green	2¾"-3½"	5,150	15,450	Triple	38"	3¾"	Green

NEW!

PitSock Grips' nylon coating provides an excellent gripping power and has great abrasion resistance characteristics.





Lewis Pulling Collars

Standard and SEG Swivel Eye Style

Models LPC & LPC-SEG

The staggering feature of the Lewis Pulling Collars is the key to reduce the stress on the conductors and maintaining their integrity.



Part No. LPC-S1-3L

LPC MODELS

Standard Pulling Collar

The **Lewis Standard Pulling Collar model LPC** is available with one, two, three or four legs. This pulling collar staggers the pull, thereby eliminating the problems associated with pulling large "bundles" of cables with only a single grip.

Pulling through a sweep becomes less stressful on the conduit system, because the cables do not enter the turn all at once.

This tool is of great importance to customers who are concerned about the integrity of their conduit system and who are pulling more than one cable at a time. Pulling grips are attached to each collar eye with a swing link or swivel.

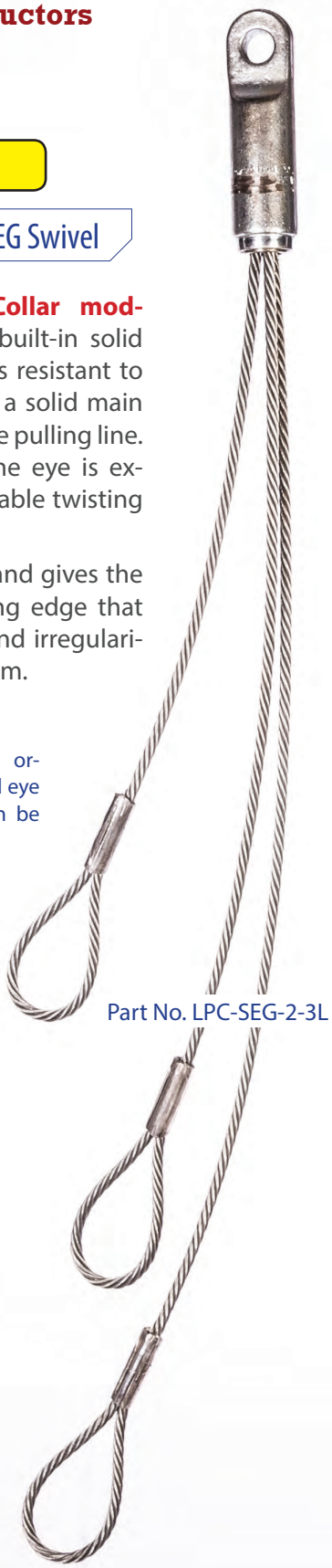
LPC-SEG MODELS

Pulling Collar with SEG Swivel

The **Lewis Pulling Collar model LPC-SEG** feature a built-in solid main pulling eye that is resistant to abrasion, and provides a solid main attachment point for the pulling line. The swivel action of the eye is extremely helpful when cable twisting is a concern.

The swivel is rounded and gives the user a smoother leading edge that will glide over seams and irregularities in the conduit system.

NOTE: Collars can be ordered with built-in jaw and eye swivels or swing links can be purchased separately.



Part No. LPC-SEG-2-3L

*Collar Ordering Part No. Construction:

LPC-S2-3L

*Part No. Series — **No. of Legs

	*Part No. Series	**Number of Available Legs	Cable Dia.	Total UTS lbs.
LPC	LPC-SJL	1 to 4	1/8"	2,000
	LPC-S1	1 to 4	3/16"	5,500
	LPC-S2	1 to 4	1/4"	8,200
	LPC-S3	1 to 4	5/16"	9,800
	LPC-S4	1 to 4	3/8"	14,000
LPC-SEG	LPC-SEG-JL	1 to 4	1/8"	2,000
	LPC-SEG-1	1 to 4	3/16"	5,500
	LPC-SEG-2	1 to 4	1/4"	8,200
	LPC-SEG-3	1 to 4	5/16"	9,800
	LPC-SEG-4	1 to 4	3/8"	14,000

Fiber Optics Grips

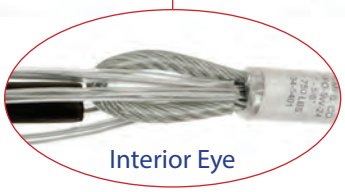
Standard Pulling Grips — Closed and Split Mesh

JL-FO-CM MODELS, CLOSED MESH

For Long Pulls, Interior Eye



Part No. JL-50-FO-CM



Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
JL-25-FO-CM	¼"-⅜"	600	1,200	24"	8"
JL-37-FO-CM	¼"-½"	600	1,200	24"	8"
JL-50-FO-CM	½"-⅝"	750	1,500	24"	8"
JL-62-FO-CM	⅝"-¾"	750	1,500	24"	8"
JL-75-FO-CM	¾"-1"	900	1,800	24"	8"
JL-100-FO-CM	1"-1¼"	900	1,800	24"	8"

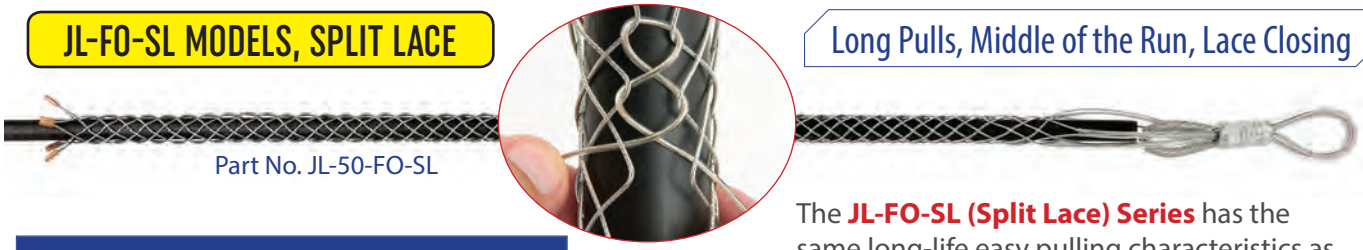
The **JL-FO Series** is especially designed for **long pulls**. The **Closed Mesh (CM)** models feature a continuous single weave design that provides an even pull from the receiving end through the pulling eye.

The **Interior Eye** is attached to a strength member found on some fiber optic cable. When the interior eye is used, the fiber remains neutral and will not detach from the exterior insulation.

The grip is fabricated of uncoated galvanized aircraft strand. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.

JL-FO-SL MODELS, SPLIT LACE

Long Pulls, Middle of the Run, Lace Closing



Part No. JL-50-FO-SL

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
JL-25-FO-SL	¼"-⅜"	600	1,200	24"	8"
JL-37-FO-SL	¼"-½"	600	1,200	24"	8"
JL-50-FO-SL	½"-⅝"	750	1,500	24"	8"
JL-62-FO-SL	⅝"-¾"	750	1,500	24"	8"
JL-75-FO-SL	¾"-1"	900	1,800	24"	8"
JL-100-FO-SL	1"-1¼"	900	1,800	24"	8"

The **JL-FO-SL (Split Lace) Series** has the same long-life easy pulling characteristics as the closed mesh grip but is for use on any phase of suspension or pulling when a conductor end is not available. This grip can also be used for "**middle of the run**" applications. The lacing is made of uncoated steel flexible lacing cable. The grip has an **Interior Eye**.

Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.

JL-FO-SR MODELS, SPLIT ROD

Long Pulls, Middle of the Run, Rod Closing



Part No. JL-100-FO-SR

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
JL-25-FO-SR	¼"-⅜"	600	1,200	24"	8"
JL-37-FO-SR	¼"-½"	600	1,200	24"	8"
JL-50-FO-SR	½"-⅝"	750	1,500	24"	8"
JL-62-FO-SR	⅝"-¾"	750	1,500	24"	8"
JL-75-FO-SR	¾"-1"	900	2,000	24"	8"
JL-100-FO-SR	1"-1¼"	900	2,000	24"	8"

The **JL-FO-SR (Split Rod) Series** is used the same way as a Split Lace grip used for "**middle of the run**" applications. The eyelets are made of uncoated galvanized Hi-Strength steel and the rod is stainless steel for durable service. The grip has an **Interior Eye**.

Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.



Fiber Optics Grips

Standard Pulling & Support Grips

X-FO MODELS

Pulling Grip, Flexible Eye



Part No. X-64-FO-SW-24

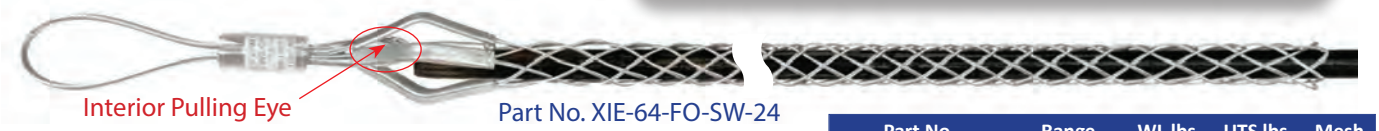
The **X-FO Series** flexible eye connects easily to a swivel or pulling line. The single wire eye is very flexible and will conform to the tightest of clearances. Lewis **Flexible Eye Fiber Optic** grips are used for the **installation of fiber optic cables either underground, overhead, through conduit or through enclosures**. These pulling grips will pull single cables or bundles, are easily installed on the cable, and are reusable. The standard grips are manufactured with high strength galvanized wire. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.

Part No.	Range	WL lbs.	UTS lbs.	Mesh
X-10-FO-SW-10	.10"-.25"	500	1,500	10"
X-25-FO-SW-14	.25"-.37"	500	1,500	14"
X-37-FO-SW-24	.25"-.50"	750	2,200	24"
X-42-FO-SW-24	.42"-.61"	750	2,200	24"
X-53-FO-SW-24	.53"-.74"	750	2,200	24"
X-64-FO-SW-24	.64"-.87"	750	2,200	24"
X-75-FO-SW-24	.75"-1.00"	750	2,200	24"
X-100-FO-SW-24	1.00"-1.25"	750	2,200	24"
X-125-FO-SW-24	1.25"-1.50"	750	2,200	24"

XIE-FO MODELS

NOTE: Use a Lewis **HD-00 Ball Bearing Swivel** when installing fiber with **Standard X-FO & XIE-FO** grips, in order to release tension that would otherwise damage the cable.

Pulling Grip, Interior Pulling Eye



Part No. XIE-64-FO-SW-24

The **XIE-FO Series** grips have the same basic features as the X-FO models. However the XIE offers an **interior pulling eye**. The interior eye is attached to a strength member found on some fiber optic cable. When the interior eye is used, the fiber remains neutral and will not detach from the exterior insulation. The grips are manufactured with high strength galvanized wire. Add "**SS**" to the end of the part number if **stainless steel** mesh is desired.

Part No.	Range	WL lbs.	UTS lbs.	Mesh
XIE-10-FO-SW-10	.10"-.25"	500	1,500	10"
XIE-25-FO-SW-14	.25"-.37"	500	1,500	14"
XIE-37-FO-SW-24	.25"-.50"	750	2,200	24"
XIE-42-FO-SW-24	.42"-.61"	750	2,200	24"
XIE-53-FO-SW-24	.53"-.74"	750	2,200	24"
XIE-64-FO-SW-24	.64"-.87"	750	2,200	24"
XIE-75-FO-SW-24	.75"-1.00"	750	2,200	24"
XIE-100-FO-SW-24	1.00"-1.25"	750	2,200	24"
XIE-125-FO-SW-24	1.25"-1.50"	750	2,200	24"

FO SPLIT SUPPORT GRIPS

Split Lace & Split Rod



SPLIT LACE Part No. FO-50-SL-U



SPLIT ROD Part No. FO-50-SR-U

The **Split Support Grips** are used for final adjustments and retensioning or to support or suspend wire. Flexible pulling eye tends to equalize radial loads. Galvanized steel construction. Split Rod uses Heavy-duty stainless steel rod & eyelets that maintain their shape for repeated threadings.

	Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
SPLIT LACE	FO-25-SL-U	¼"-⅜"	500	1,000	6"	5"
	FO-37-SL-U	¼"-½"	500	1,000	6"	6"
	FO-50-SL-U	½"-⅝"	600	1,250	6"	6"
	FO-62-SL-U	⅝"-¾"	600	1,250	6"	7"
	FO-75-SL-U	¾"-1"	750	1,500	6"	7"
	FO-100-SL-U	1"-1¼"	750	1,500	6"	8"
SPLIT ROD	FO-25-SR-U	¼"-⅜"	500	1,000	6"	5"
	FO-37-SR-U	¼"-½"	500	1,000	6"	6"
	FO-50-SR-U	½"-⅝"	600	1,250	6"	6"
	FO-62-SR-U	⅝"-¾"	600	1,250	6"	7"
	FO-75-SR-U	¾"-1"	750	1,500	6"	7"
	FO-100-SR-U	1"-1¼"	750	1,500	6"	8"

The Split Grips can be ordered with any style head: **U**, **OE**, **DLE** or **HB**.



U Style Head



OE Style Head



DLE Style Head



HB Style Head

Fiber Optics Grips

Suspension Grips — U-Bail, Offset, Dual Lift & Hook Bail

FO-U, U-BAIL

Standard U-Bail Eye

The **Fiber Optics U-Bail grip** is especially suited for **suspending cable or wire vertically**. This grip is made of uncoated, galvanized aircraft strand steel for long life and safety.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
FO-25-U	¼"-⅜"	500	1,000	6"	5"
FO-37-U	¼"-½"	500	1,000	6"	6"
FO-50-U	½"-⅝"	600	1,250	6"	6"
FO-62-U	⅝"-¾"	600	1,250	6"	7"
FO-75-U	¾"-1"	750	1,500	6"	7"
FO-100-U	1"-1¼"	750	1,500	6"	8"



Part No. FO-62-U

FO-OE, SINGLE OFFSET EYE

Similar to U-Bail with an Offset Pull

The **Fiber Optics Offset Eye grip** is identical to the U-Bail grip except that the grip eye is offset for off-center pulls. This grip is made of uncoated, galvanized aircraft strand steel for long life and safety.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
FO-25-OE	¼"-⅜"	500	1,000	6"	5"
FO-37-OE	¼"-½"	500	1,000	6"	6"
FO-50-OE	½"-⅝"	600	1,250	6"	6"
FO-62-OE	⅝"-¾"	600	1,250	6"	7"
FO-75-OE	¾"-1"	750	1,500	6"	7"
FO-100-OE	1"-1¼"	750	1,500	6"	8"



Part No. FO-62-OE

FO-DLE, DUAL LIFT EYE

Like U-Bail with Dual Offset Pull

The **Fiber Optics Dual Lift Eye** provides two offset eyes for extra support stability. This grip is especially well suited for **suspending temporary power line cables**. This grip is made of uncoated, galvanized aircraft strand steel for long life and safety.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
FO-25-DLE	¼"-⅜"	500	1,000	6"	5"
FO-37-DLE	¼"-½"	500	1,000	6"	6"
FO-50-DLE	½"-⅝"	600	1,250	6"	6"
FO-62-DLE	⅝"-¾"	600	1,250	6"	7"
FO-75-DLE	¾"-1"	750	1,500	6"	7"
FO-100-DLE	1"-1¼"	750	1,500	6"	8"



Part No. FO-50-DLE

FO-HB, HOOK BAIL

Like U-Bail with an Offset Pull

The **Fiber Optics Hook Bail grip** provides sturdy support for suspending wire and for **supporting vertical wire runs on poles, in shafts, elevator shafts and processing towers**.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
FO-25-HB	¼"-⅜"	500	1,000	6"	5"
FO-37-HB	¼"-½"	500	1,000	6"	6"
FO-50-HB	½"-⅝"	600	1,250	6"	6"
FO-62-HB	⅝"-¾"	600	1,250	6"	7"
FO-75-HB	¾"-1"	750	1,500	6"	7"
FO-100-HB	1"-1¼"	750	1,500	6"	8"



Part No. FO-75-HB

FO Models U, OE, DLE & HB

X-Series Multi-Purpose Pulling Grips

Overhead, Underground, Vibratory Plows & Directional Drilling Pull Back

The Standard XS, X, and X-HDFE were designed to simplify the process of selecting a pulling grip.

The entire **X Series** is unique for several reasons:

1. X model grips can be used overhead or for underground pulls.
2. X model grips incorporate a single wire bail which, when put under pressure, conforms to even the tightest clearances. The single wire bail also connects easily with either ball bearing swivels or drop forged friction swivels.
3. The reverse weave of all X models insures that the grip and cable will pass smoothly through even the tightest blocks, sheaves, bullwheels, etc.
4. The X and X Heavy-Duty feature metal shoulders beneath the bail. These shoulders allow the grip to be pulled through the most abrasive conduit or other rough environments, and still be used time after time. The shoulders are **color coded** to ensure the correct grip size is selected when making a pull.

X GRIPS, STANDARD MODELS

Plastic-Coated with Quick Color ID



The **X-Series Grips** are color coded for quick identification and organized storage.
These grips are plastic-coated which increases the life of the grip, provides a more effective gripping surface and reduces injuries due to frayed or mangled wire in the pulling grip itself.
This grip is designed with the ball bearing swivel user in mind. The single wire eye allows a swivel to be attached to the grip easily and helps to alleviate any binding that may occur in the throat of the swivel during a pull. The X model grip also offers a backwards weave that:

1. Adds pulling surface to the grip itself.
2. Allows the grip to pass through even the tightest of clearances.

The **X-Series** features metal sleeves near the top of the grip to eliminate wear when pulling through clay conduit, gravel or other abrasive pulling environments. This series is constructed with galvanized wire but can be ordered with stainless steel at additional cost.

Part No.	Range	Color	WL lbs.	UTS lbs.	Mesh	Eye
X-A-SW-18	¾"-1¼"	Lt. Blue	1,000	3,000	18"	5"
X-A-DW-18	¾"-1¼"	Lt. Blue	2,000	6,000	18"	5"
X-A-SW-24	¾"-1¼"	Lt. Blue	1,000	3,000	24"	5"
X-A-DW-24	¾"-1¼"	Lt. Blue	2,000	6,000	24"	5"
X-B-TW-26	1¼"-2"	Red	2,500	7,500	26"	6"
X-B-TW-32	1¼"-2"	Red	3,500	10,500	32"	6"
X-C-TW-32	2"-2¾"	Purple	3,500	10,500	32"	7"
X-C-TW-38	2"-2¾"	Purple	4,500	13,500	38"	7"
X-D-TW-38	2¾"-3½"	Orange	4,500	13,500	38"	7"
X-D-TW-46	2¾"-3½"	Orange	5,500	16,500	46"	7"
X-E-TW-46	3½"-4¼"	Green	5,500	16,500	46"	8"
X-E-TW-52	3½"-4¼"	Green	6,500	19,500	52"	8"
X-F-TW-52	4¼"-4⅞"	Black	6,000	18,000	52"	9"
X-F-TW-58	4¼"-4⅞"	Black	7,000	21,000	58"	9"
X-G-QW-58	4⅞"-5½"	Yellow	7,300	21,900	58"	10"
X-G-QW-64	4⅞"-5½"	Yellow	8,300	24,900	64"	10"
X-H-QW-58	5½"-6"	Brown	7,300	21,900	58"	10"
X-H-QW-64	5½"-6"	Brown	8,300	24,900	64"	10"
X-I-QW-58	6"-6¾"	Turquoise	7,300	21,900	58"	10"
X-I-QW-64	6"-6¾"	Turquoise	8,300	24,900	64"	10"
X-J-QW-58	6¾"-8"	Aluminum	9,100	27,300	58"	10"
X-J-QW-64	6¾"-8"	Aluminum	10,100	30,300	64"	10"

X-Series Multi-Purpose Pulling Grips - Continued

Overhead, Underground, Vibratory Plows & Directional Drilling Pull Back

XS GRIPS, STANDARD MODELS

Coated Galvanized Cable, No Metal Shoulder



Part No. XS-B-TW-26

The **XS Series Grips** are designed for **normal working conditions**.
These grips feature coated galvanized cable, reverse weave, and a single wire bail but do not have metal shoulders.
XS series grips are identified by tags beneath the heavy duty clear tubing.

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
XS-A-SW-18	¾"-1¼"	1,000	3,000	18"	5"
XS-A-DW-18	¾"-1¼"	2,000	6,000	18"	5"
XS-A-SW-24	¾"-1¼"	1,000	3,000	24"	5"
XS-A-DW-24	¾"-1¼"	2,000	6,000	24"	5"
XS-B-TW-26	1¼"-2"	2,500	7,500	26"	6"
XS-B-TW-32	1¼"-2"	3,500	10,500	32"	6"
XS-C-TW-32	2"-2¾"	3,500	10,500	32"	7"
XS-C-TW-38	2"-2¾"	4,500	13,500	38"	7"
XS-D-TW-38	2¾"-3½"	4,500	13,500	38"	7"
XS-D-TW-46	2¾"-3½"	5,500	16,500	46"	7"
XS-E-TW-46	3½"-4¼"	5,500	16,500	46"	8"
XS-E-TW-52	3½"-4¼"	6,500	19,500	52"	8"
XS-F-TW-52	4¼"-4⅞"	6,000	18,000	52"	9"
XS-F-TW-58	4¼"-4⅞"	7,000	21,000	58"	9"
XS-G-QW-58	4⅞"-5½"	7,300	21,900	58"	10"
XS-G-QW-64	4⅞"-5½"	8,300	24,900	64"	10"
XS-H-QW-58	5½"-6"	7,300	21,900	58"	10"
XS-H-QW-64	5½"-6"	8,300	24,900	64"	10"
XS-I-QW-58	6"-6¾"	7,300	21,900	58"	10"
XS-I-QW-64	6"-6¾"	8,300	24,900	64"	10"
XS-J-QW-58	6¾"-8"	9,100	27,300	58"	10"
XS-J-QW-64	6¾"-8"	10,100	30,300	64"	10"

NEED A FRICTION SWIVEL:



When a friction swivel is needed for the X-Series Pulling Grips, please refer to the following tables. To order a swivel built into a grip, add "**W/S**" to the end of the grip part number.

X or XS Model	Swivel Size
A	5/16"
B	⅜"
C	⅜"
D	⅜"
E	⅜"

X or XS Model	Swivel Size
F	⅜"
G	½"
H	½"
I	½"
J	½"

X-HDFE GRIPS, STANDARD HD MODELS

Uncoated Galvanized Wire, HD, Color Coded



Part No. X-HDFE-½-⅞

The **X-HDFE Series Grips** are designed for **large work loads and rugged conditions**.
The heavy-duty X-HDFE models incorporate the use of exceptionally strong mesh, reverse weave, single wire bail and abrasion-resistant metal shoulders.
These Heavy-Duty X models are constructed of uncoated aircraft strand galvanized wire.

Part No.	Range	Color	WL lbs.	UTS lbs.	Mesh	Eye
X-HDFE-¼-½	¼"-½"	Brown	1,200	3,600	22"	6"
X-HDFE-½-⅞	½"-⅞"	Yellow	2,400	7,200	42"	8"
X-HDFE-⅞-1⅜	⅞"-1⅜"	Black	5,700	17,100	48"	9"
X-HDFE-1⅜-2	1⅜"-2"	Green	9,600	28,800	50"	9"
X-HDFE-2-2¾	2"-2¾"	Orange	11,500	34,500	52"	9"
X-HDFE-2¾-3½	2¾"-3½"	Purple	13,500	40,500	54"	9"
X-HDFE-3½-4¼	3½"-4¼"	Red	15,300	45,900	56"	9"
X-HDFE-4¼-5	4¼"-5"	Lt. Blue	17,900	53,700	58"	9"

X-Series Multi-Purpose Pulling Grips - Continued

Overhead, Underground, Vibratory Plows & Directional Drilling Pull Back

X-SDW GRIPS, STANDARD & SHORT MODELS

Coated Galvanized Cable with Metal Shoulder

The **X-SDW Series Standard Grips** feature coated galvanized cable, reverse weave, and a single wire bail and metal shoulders. All models have **double weave** construction.
X-SDW series grips are identified by tags beneath the heavy-duty clear tubing.
These grips are available in **Standard Mesh** lengths as shown in the table and **Short Mesh** lengths with all models having a 24" long mesh.

Standard Length Mesh X-SDW Grips					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
X-SDW-.75-.99-36	.75" - .99"	2,200	4,400	36"	5"
X-SDW-1.00-1.49-36	1.00" - 1.49"	4,400	8,800	36"	6"
X-SDW-1.50-1.99-36	1.50" - 1.99"	5,500	11,000	36"	6.5"
X-SDW-2.00-2.49-36	2.00 - 2.49"	9,000	18,000	36"	6.5"
X-SDW-2.50-2.99-36	2.50"-2.99"	11,000	22,000	36"	7"
X-SDW-3.00-3.49-36	3.00"-3.49"	13,600	27,200	36"	7.5"
X-SDW-3.50-3.99-40	3.50"-3.99"	16,000	32,000	40"	8"

Short Length Mesh X-SDW Grips					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
X-SDW-.62-.75-24	.62" - .75"	1,900	3,800	24"	4"
X-SDW-.75-.99-24	.75" - .99"	2,200	4,400	24"	5"
X-SDW-1.00-1.49-24	1.00" - 1.49"	4,400	8,800	24"	6"
X-SDW-1.50-1.99-24	1.50" - 1.99"	5,500	11,000	24"	6.5"
X-SDW-2.00-2.49-24	2.00 - 2.49"	9,000	18,000	24"	6.5"
X-SDW-2.50-2.99-24	2.50"-2.99"	11,000	22,000	24"	7"
X-SDW-3.00-3.49-24	3.00"-3.49"	13,600	27,200	24"	7.5"
X-SDW-3.50-3.99-24	3.50"-3.99"	16,000	32,000	24"	8"



Part No. X-SDW-1.00-1.49-36

X-Series Multi-Purpose Pulling Grips - Continued

Overhead, Underground Cable, Irrigation Pipe, Wire Rope & Conduit

Light & Medium Duty X & XS Pulling Grips have shorter mesh lengths, smaller size ranges and lower working loads and breaking strengths.

The **Light & Medium Duty X & XS Grips** are very popular with the customer who **installs secondary cable and irrigation pipe and who make lighter pulls overall**.

Grips are provided standard with bare galvanized wire and can be ordered with plastic coated galvanized or stainless steel, if required, please contact us for more information.

X GRIPS, LIGHT & MEDIUM DUTY

Bare Galvanized Wire, Metal Shoulder

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
X-37-SW-8	¼"-½"	500	1,000	8"	4"
X-37-SW-12	¼"-½"	500	1,000	12"	4"
X-37-DW-8	¼"-½"	1000	2,000	8"	4"
X-37-DW-12	¼"-½"	1000	2,000	12"	4"
X-50-SW-10	½"-⅝"	500	1,000	10"	4"
X-50-SW-14	½"-⅝"	500	1,000	14"	4"
X-50-DW-10	½"-⅝"	1,000	2,000	10"	4"
X-50-DW-14	½"-⅝"	1,000	2,000	14"	4"
X-62-SW-12	⅝"-¾"	500	1,000	12"	4"
X-62-SW-16	⅝"-¾"	500	1,000	16"	4"
X-62-DW-12	⅝"-¾"	1,000	2,000	12"	4"
X-62-DW-16	⅝"-¾"	1,000	2,000	16"	4"
X-75-SW-14	¾"-1⅛"	1,000	2,000	14"	5"
X-75-SW-20	¾"-1⅛"	1,000	2,000	20"	5"
X-75-DW-14	¾"-1⅛"	2,000	4,000	14"	5"
X-75-DW-20	¾"-1⅛"	2,000	4,000	20"	5"
X-100-SW-14	¾"-1¼"	1,000	2,000	14"	6"
X-100-SW-20	¾"-1¼"	1,000	2,000	20"	6"
X-100-DW-14	¾"-1¼"	2,000	4,000	14"	6"
X-100-DW-20	¾"-1¼"	2,000	4,000	20"	6"
X-112-SW-14	1⅛"-1⅝"	1,000	2,000	14"	6"
X-112-SW-20	1⅛"-1⅝"	1,000	2,000	20"	6"
X-112-DW-14	1⅛"-1⅝"	2,000	4,000	14"	6"
X-112-DW-20	1⅛"-1⅝"	2,000	4,000	20"	6"
X-162-SW-16	1⅝"-2½"	1,000	2,000	16"	7"
X-162-SW-22	1⅝"-2½"	1,000	2,000	22"	7"
X-162-DW-16	1⅝"-2½"	2,000	4,000	16"	7"
X-162-DW-22	1⅝"-2½"	2,000	4,000	22"	7"
X-250-SW-18	2½"-3½"	1,800	3,600	18"	8½"
X-250-SW-24	2½"-3½"	1,800	3,600	24"	8½"
X-250-DW-18	2½"-3½"	3,000	6,000	18"	8½"
X-250-DW-24	2½"-3½"	3,000	6,000	24"	8½"
X-350-SW-20	3½"-4½"	1,800	3,600	20"	8½"
X-350-SW-24	3½"-4½"	1,800	3,600	24"	8½"
X-350-DW-20	3½"-4½"	3,000	6,000	20"	8½"
X-350-DW-24	3½"-4½"	3,000	6,000	24"	8½"
X-450-SW-22	4½"-5½"	1,800	3,600	22"	10"
X-450-SW-28	4½"-5½"	1,800	3,600	28"	10"
X-450-DW-22	4½"-5½"	3,600	7,200	22"	10"
X-450-DW-28	4½"-5½"	3,600	7,200	28"	10"



Part No. X-62-DW-16



Part No. XS-100-DW-20

XS GRIPS, LIGHT & MEDIUM DUTY

Bare Galvanized Wire, No Shoulder

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
XS-37-SW-8	¼"-½"	500	1,000	8"	4"
XS-37-SW-12	¼"-½"	500	1,000	12"	4"
XS-37-DW-8	¼"-½"	1000	2,000	8"	4"
XS-37-DW-12	¼"-½"	1000	2,000	12"	4"
XS-50-SW-10	½"-⅝"	500	1,000	10"	4"
XS-50-SW-14	½"-⅝"	500	1,000	14"	4"
XS-50-DW-10	½"-⅝"	1,000	2,000	10"	4"
XS-50-DW-14	½"-⅝"	1,000	2,000	14"	4"
XS-62-SW-12	⅝"-¾"	500	1,000	12"	4"
XS-62-SW-16	⅝"-¾"	500	1,000	16"	4"
XS-62-DW-12	⅝"-¾"	1,000	2,000	12"	4"
XS-62-DW-16	⅝"-¾"	1,000	2,000	16"	4"
XS-75-SW-14	¾"-1⅛"	1,000	2,000	14"	5"
XS-75-SW-20	¾"-1⅛"	1,000	2,000	20"	5"
XS-75-DW-14	¾"-1⅛"	2,000	4,000	14"	5"
XS-75-DW-20	¾"-1⅛"	2,000	4,000	20"	5"
XS-100-SW-14	¾"-1¼"	1,000	2,000	14"	6"
XS-100-SW-20	¾"-1¼"	1,000	2,000	20"	6"
XS-100-DW-14	¾"-1¼"	2,000	4,000	14"	6"
XS-100-DW-20	¾"-1¼"	2,000	4,000	20"	6"
XS-112-SW-14	1⅛"-1⅝"	1,000	2,000	14"	6"
XS-112-SW-20	1⅛"-1⅝"	1,000	2,000	20"	6"
XS-112-DW-14	1⅛"-1⅝"	2,000	4,000	14"	6"
XS-112-DW-20	1⅛"-1⅝"	2,000	4,000	20"	6"
XS-162-SW-16	1⅝"-2½"	1,000	2,000	16"	7"
XS-162-SW-22	1⅝"-2½"	1,000	2,000	22"	7"
XS-162-DW-16	1⅝"-2½"	2,000	4,000	16"	7"
XS-162-DW-22	1⅝"-2½"	2,000	4,000	22"	7"
XS-250-SW-18	2½"-3½"	1,800	3,600	18"	8½"
XS-250-SW-24	2½"-3½"	1,800	3,600	24"	8½"
XS-250-DW-18	2½"-3½"	3,000	6,000	18"	8½"
XS-250-DW-24	2½"-3½"	3,000	6,000	24"	8½"
XS-350-SW-20	3½"-4½"	1,800	3,600	20"	8½"
XS-350-SW-24	3½"-4½"	1,800	3,600	24"	8½"
XS-350-DW-20	3½"-4½"	3,000	6,000	20"	8½"
XS-350-DW-24	3½"-4½"	3,000	6,000	24"	8½"
XS-450-SW-22	4½"-5½"	1,800	3,600	22"	10"
XS-450-SW-28	4½"-5½"	1,800	3,600	28"	10"
XS-450-DW-22	4½"-5½"	3,600	7,200	22"	10"
XS-450-DW-28	4½"-5½"	3,600	7,200	28"	10"

X-Series Multi-Purpose Pulling Grips - Continued

ZIP-GRIP™ Overhead, Underground, Vibratory Plows & DD Pull Back

ZIP-GRIP™ with Zip Cord

Z-XS, ZIP-GRIP™

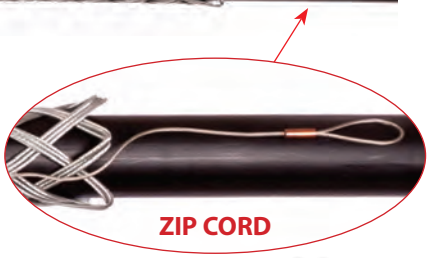
X Series with **ZIP CORD** for easy tape removal

Lewis ZIP-GRIP™, a new addition to X Series multipurpose pulling grips makes removing grip's tape fast and convenient without using a knife that could damage the cable.



Part No. Z-XS-B-TW-26

Lewis ZIP-GRIP's design incorporates a **ZIP CORD** that is a fine steel wire that lies over the grips mesh and the bands. While taping the grip and the bands the zip cord stays beneath the tape. After the pull is done the user can pull the cord and just like a zipper the cord rips and opens the tape layer. The Zip-Grips feature coated galvanized cable, reverse weave, and a single wire bail.



1 PATENT PENDING



Dual band the grip and lay the ZIP CORD over the wire mesh and the bands.

2

NEW!



Tape over the grip, bands and the ZIP CORD. Leave the pull eye of the ZIP CORD exposed.

3



Once done, pull the ZIP CORD's eye toward the eye of the grip to rip the tape layer open.



4



Continue pulling the ZIP CORD till the tape layer opens up completely and can be removed.

Part No.	Range	WL lbs.	UTS lbs.	Weave	Mesh	Eye
Z-XS-A-DW-24	¾"-1¼"	2,000	6,000	Dual	24"	5"
Z-XS-B-TW-26	1¼"-2"	2,500	7,500	Triple	26"	6"
Z-XS-C-TW-32	2"-2¾"	3,500	10,500	Triple	32"	7"
Z-XS-D-TW-38	2¾"-3½"	4,500	13,500	Triple	38"	7"

ZIP-GRIP FEATURES:

- It is a great time saver. No more wasting valuable time trying to remove the tape.
- Eliminates the need for a knife to remove the tape.
- No knife means no damage to the cable in the grip's wire mesh.
- Can also use the eye at the end of the zip grip for mule tape or other messenger type wires.

ZIP-GRIP™ ZIP CORD

ADD A ZIP CORD TO ANY GRIP!

You can get any of the Lewis Grips to perform like a ZIP-GRIP™. Just get the grip with a patent pending **ZIP CORD**.

When ordering add a Z- to the front of the grip's model number.

Rigging Swivel & Tag Line

Eye-Eye Sealed Ball Bearing Swivel - 4,000 lbs. WL

EE-101, EYE TO EYE

Sealed Ball Bearing Swivel for Rigging

EE-101 Sealed Ball Bearing Swivel is specifically designed for rigging applications. This Sealed, **Eye-Eye** ball bearing swivel with a running load of **4,000 lbs.** is specifically designed for rigging applications.

EE-101 Swivel	WL lbs.	UTS lbs.	A	B	C	D	E	F
EE-101-4K	4,000	10,000	8⅛"	2⁹⁄₁₆"	1½"	2⁹⁄₁₆"	1¼"	2"

4,000 LBS. WL

NEW!



Indicates that the device is part of a collection of Lewis Grips and Swivels for all your rigging jobs!

⚠WARNING READ THE FOLLOWING BEFORE USING LEWIS BALL BEARING SWIVELS

1. It is essential to inspect all Lewis swivels before and after each use. If the swivel is loose and/or the bearings feel rough when rotated or are seized and cannot be rotated, the swivel should be removed from service immediately.
2. Always select a swivel larger than the machine capacity. If a Lewis swivel is exposed to a load exceeding the posted work load it should be removed from service immediately, and a larger swivel should thereafter be used.
3. It is important that you read and understand all breaking strength, safety & technical data relating to all Lewis Manufacturing Company products. Please order carefully. Do not exceed published working load on any Lewis swivel.
4. Lubricate all greasable swivels before and after each use.

LEWIS TAG LINES

Load Handling Line for Lifting & Placement Control

Lewis Tag Line is a new product that was developed based on customer request and feedback. The Tag Line is used for guidance and placement of a load that is being lifted and placed with a crane or other lifting equipment. Available in various lengths, specify when ordering.



Part No.	Length	Snap	Web
Tag Line	Specify	1¾" Self Locking, 5,000 lbs. WL	1" Nylon, 7,500 lbs. WL

⚠WARNING READ THIS WARNING & PRODUCT WARNING BEFORE USING TAG LINE

1. **STAY CLEAR WHEN LIFTING OR PLACING A LOAD.**
2. Do not allow personnel or equipment beneath the load any time, this is a **DROP/CRUSH HAZARD**.
3. Do not alter, cut or modify the web sling products in any way.
4. Do not exceed the recommended maximum work loads.
5. Carefully inspect the straps and nylon material before each use for any signs of wear.



Swivels - Standard & Directional Boring

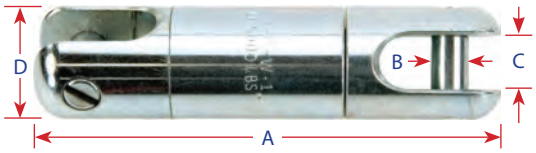
4 Models, Greasable & Sealed Non-Greasable

Patent No. 5,484,220

Ball Bearing Swivels

The **W (Regular Duty)** and **HD (Heavy-Duty) Series Swivels** are specifically designed for **tension stringing** to assure the conductor will remain in the neutral position during stringing of transmission and distribution lines. These swivels are manufactured from **high-grade pre-stressed steel**. Proper placement of thrust and radial bearing allow thrust & shock loads to be absorbed without affecting rotation of swivel. Pins are screwdriver removable.

W REGULAR DUTY



Part No.	WL lbs.	UTS lbs.	A Length	B Pin Dia.	C Jaw	D Dia.
W-1	5,000	15,000	5⅜"	7/16"	⅝"	1 5/16"
W-2	5,400	16,200	6½"	½"	⅞"	1⅛"
W-3	12,000	36,000	7⅝"	⅝"	1"	2"
W-4	15,000	45,000	8¾"	¾"	1¼"	2¼"

HD HEAVY-DUTY



Part No.	WL lbs.	UTS lbs.	A	B	C	D
HD-00	1,500	4,500	4⅛"	5/16"	⅜"	⅞"
HD-0	5,400	16,200	5¼"	7/16"	½"	1⅛"
HD-1	9,000	27,000	6"	½"	⅝"	1 7/16"
HD-2	12,000	36,000	7⅛"	⅝"	⅝"	1⅝"
HD-3	21,000	63,000	8⅝"	¾"	¾"	2"

HD-S SEALED



The **HD-S Sealed Directional Boring Swivels** prevent equipment's rotational torque from interfering with the product being pulled. In a typical boring application, the swivel is attached behind the reamer head and to the pipe or cable being pulled through the bore. **Permanently Sealed** to keep contaminants out, they **Never Require Lubrication**.

Part No.	WL lbs.	UTS lbs.	A	B	C	D
HD-00-S	1,500	4,500	4¼"	5/16"	⅜"	⅞"
HD-0-S	5,400	16,200	5⅜"	7/16"	½"	1⅛"
HD-1-S	9,000	27,000	6⅛"	½"	⅝"	1 7/16"
HD-2-S	12,000	36,000	7⅜"	⅝"	⅝"	1⅝"

HD-S-Z SEALED, GREASE ZERK



The **HD-S-Z Sealed with Grease Zerk Swivel** is designed for **Directional Boring, overhead and underground applications** that require a **greasable swivel**. This is the high quality reliable choice. All the quality you have come to expect from the Lewis Swivel Line coupled with the greasable option.

Please grease the swivel before & after each use.

Part No.	WL lbs.	UTS lbs.	A	B	C	D
HD-0-S-Z	5,400	16,200	5 1/16"	7/16"	½"	1⅛"
HD-1-S-Z	9,000	27,000	6⅜"	½"	⅝"	1 7/16"
HD-2-S-Z	12,000	36,000	7¾"	⅝"	⅝"	1⅝"
HD-3-S-Z	21,000	63,000	9"	¾"	¾"	2"
HD-4-S-Z	30,000	90,000	10¼"	⅞"	⅞"	2⅜"



Lewis swivels can be ordered with screwdriver removable pins or allen wrench removable pins. Standard is screwdriver slotted pins. Lewis Swivels of size 5 and larger are built with Timken and Roller alignment bearings for superior side load capacity, and roller thrust for maximum pulling load & long life. Size 4 and smaller swivels use roller and roller type thrust bearings with ball or non-ball bearing alignment bearings.

⚠WARNING **READ THE FOLLOWING BEFORE USING LEWIS BALL BEARING SWIVELS**

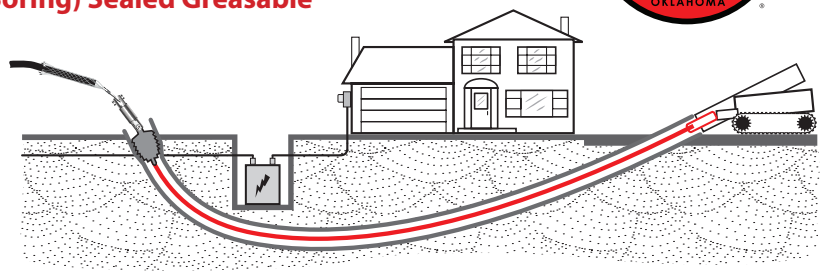
1. It is essential to inspect all Lewis swivels before and after each use. If the swivel is loose and/or the bearings feel rough when rotated or are seized and cannot be rotated, the swivel should be removed from service immediately.
2. Always select a swivel larger than the machine capacity. If a Lewis swivel is exposed to a load exceeding the posted work load it should be removed from service immediately, and a larger swivel should thereafter be used.
3. It is important that you read and understand all breaking strength, safety & technical data relating to all Lewis Manufacturing Company products. Please order carefully. Do not exceed published working load on any Lewis swivel.
4. Lubricate all greasable swivels before and after each use.

Swivels - HDD Directional Boring, High Test

Greasable with Protected Grease Zerk, Heavy-Duty

The Lewis **HD-DB (Heavy-Duty Directional Boring) Sealed Greasable** swivels bolt onto back reamer bits for cable pullback. Check the pull back rating on your machine, send us the information on your back reamer bit, hole specs & manufacturer and we will give you a quote ASAP.

WARNING: Do not exceed the recommended swivel workloads while pulling back.



- Patented 2-stage sealing system with debris expulsion and self-clearing wedge action!
- Triple roller bearing, thrust and alignment system with Timken and Roller bearings for incidental side loads.
- **PROTECTED GREASE ZERK** for simultaneous greasing, purging and cleaning of interior.
- Clevis connection supplied with bentonite resistant pin system. Also accept standard bolt/nut if preferred.

HD-DBFS FLANGE SWIVEL

For Cable Pull Back



Part No. HD-5-DBFS

The Lewis **HD-DBFS Series Sealed Greasable swivels** attach to back reamer bits for **cable pullback**. The swivel features **Heat-Treated Hardened Steel Flange** for superior wear.

Part No.	WL lbs.	UTS lbs.	B Pin Dia.	C Jaw
HD-4-DBFS	20,000	100,000	1"	1"
HD-5-DBFS	30,000	150,000	1"	1"
HD-6-DBFS	50,000	250,000	1⅜"	1½"

HD-DBS ROLLER BEARING SWIVEL

Sealed Thrust, for Directional Boring



Part No. HD-6-DBS

The Lewis **HD-DBS Series Sealed Greasable swivels** attach to back reamer bits and other connections for **cable, pipe, conduit and casing pullback operations**.

Part No.	WL lbs.	UTS lbs.	A Length	B Pin Dia.	C Jaw	D Dia.	E Across Pin
HD-4-DBS	20,000	100,000	15½"	1"	1"	3¼"	4½"
HD-5-DBS	30,000	150,000	17¾"	1"	1"	4"	5⅜"
HD-6-DBS	50,000	250,000	19"	1⅜"	1½"	4½"	6"
HD-7-DBS	60,000	300,000	22¼"	1½"	1½"	5¼"	7"
HD-8-DBS	80,000	400,000	27"	2"	1¾"	6"	7½"



All Lewis directional boring swivels are supplied with an easily removable bentonite resistant pin system.

All Lewis Swivels of size 5 and larger are built with Timken and Roller alignment bearings for superior side load capacity, and roller thrust for maximum pulling load and long life. Size 4 and smaller swivels use roller and roller type thrust bearings with ball or non-ball bearing alignment bearings.

⚠WARNING Read the WARNING statements on previous page before using your Lewis Ball Bearing Swivels.

DO NOT EXCEED the recommended swivel workloads while pulling back.

LKJ-1 LEWIS KNUCKLE JOINT

For Pull Back Operation

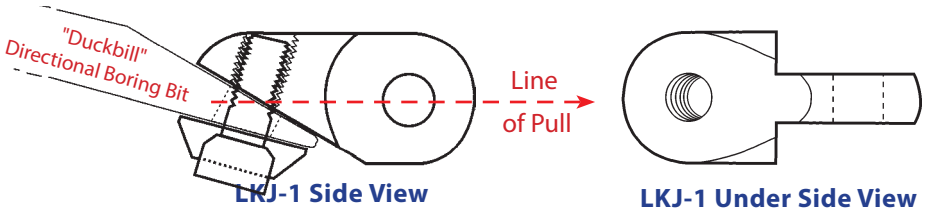
PATENT PENDING



LKJ-1 installed on a "Duckbill" & connected to a HD-1-S-Z Swivel

The **Patent Pending Lewis Knuckle Joint model LKJ-1** provides a way to **adapt a pulling swivel (or any other device) to the popular "Duckbill" style directional bits**.

Prior to the LKJ-1, connecting ball bearing swivel to a duck bill bit caused the swivel to protrude at an angle that caused premature wear and tear on both the swivel and the bit, but



LKJ-1 Side View **LKJ-1 Under Side View**

LKJ-1 Has SOLVED that Problem!

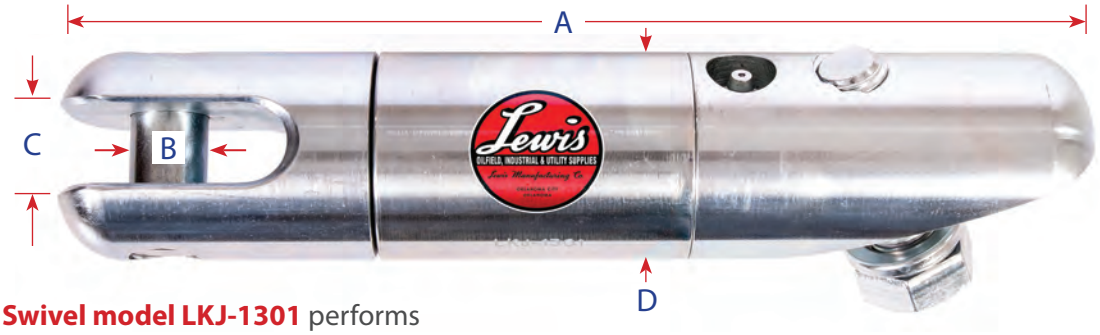
The **LKJ-1** allows the swivel to be pulled back in a straight line. This speeds up the process of pulling back, reducing the amount of drag that previously had to be addressed. It helps eliminate wear and tear on directional boring bits by maximizing the strength of the usable bolt size and minimizing bending of the attachment point hole. The LKJ-1 quickly and easily attaches and detaches with one Allen head bolt. It can be ordered with either a saucer shaped deflector or the standard guard, depending on customer preference. The deflector and the guard help prevent shear loads and prevent costly pull back hangups.

LKJ-1301 KNUCKLE JOINT SWIVEL

For Pull Back Operation

US PATENT 5,484,220

NEW!



The **Lewis Knuckle Joint Swivel model LKJ-1301** performs the same function as the LKJ-1 Knuckle Joint with an added bonus. The knuckle joint includes a built in greasable swivel **HD-3-S-Z** as one unit.

Made from **high-grade pre-stressed steel**. Pin is screwdriver removable.

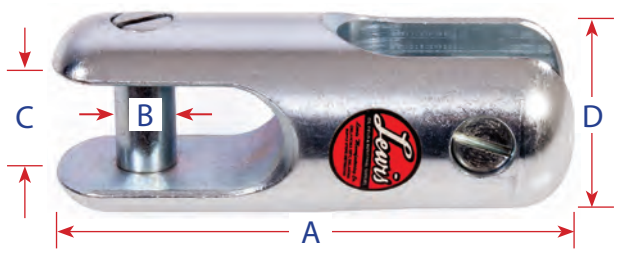
LKJ-1301 Knuckle Joint Swivel						
Part No.	WL lbs.	UTS lbs.	A	B	C	D
LKJ-1301	21,000	63,000	10"	¾"	¾"	2"

CONTENT INDEX

L SERIES LINKS

Used as Connector

The **L Series Link** is a rigid link used as a connector for rope, conductor or wire line. A screwdriver removable pin is provided in each end.



LW Series Link, Regular Duty						
Part No.	WL lbs.	UTS lbs.	A	B	C	D
LW-1	5,000	15,000	3¼"	7⁄16"	5⁄8"	1 11⁄32"
LW-2	5,400	16,200	4¼"	½"	⅞"	1⅝"
LW-3	12,000	36,000	4⅞"	⅝"	1"	2"
LW-4	15,000	45,000	6⅛"	¾"	1¼"	2¼"

LHD Series Link, Heavy-Duty						
Part No.	WL lbs.	UTS lbs.	A	B	C	D
LHD-0	5,400	16,200	3¼"	7⁄16"	½"	1⅛"
LHD-1	9,000	27,000	3¾"	½"	½"	1⅜"
LHD-2	12,000	36,000	4¾"	⅝"	⅝"	1⅝"
LHD-3	21,000	63,000	5¼"	¾"	¾"	2"
LHD-4	30,000	90,000	6¼"	⅞"	⅞"	2⅜"

T SERIES SWIVEL TOGGLES

Used with Swivels for a 90° Breakover

The **T Series Swivel Toggle** is used in conjunction with Lewis ball bearing swivels. Provides a **90° "breakover"** when pulling through angle structures or sharp bends in conduit.



TW Series Swivel Toggle, Regular Duty						
Part No.	WL lbs.	UTS lbs.	A	B	C	D
TW-1	5,000	15,000	2¾"	7⁄16"	5⁄8"	1 11⁄32"
TW-2	5,400	16,200	3⅝"	½"	⅞"	1⅝"
TW-3	12,000	36,000	4¼"	⅝"	1"	2"
TW-4	15,000	45,000	5"	¾"	1¼"	2¼"

THD Series Swivel Toggle, Heavy-Duty						
Part No.	WL lbs.	UTS lbs.	A	B	C	D
THD-0	5,400	16,200	3"	7⁄16"	½"	1⅛"
THD-1	9,000	27,000	3½"	½"	½"	1⅜"
THD-2	12,000	36,000	4¼"	⅝"	⅝"	1⅝"
THD-3	21,000	63,000	5⅛"	¾"	¾"	2"
THD-4	30,000	90,000	6⅛"	⅞"	⅞"	2⅜"

84 1936 - 2020

We can apply our years of experience creating a CUSTOM DESIGNED grip to suit your needs and application. If you have a special request gives us a call to see what we can do for you.

The following Dual Flex Eye, Penta Weave Grip is an example of our **Custom Designs**.

DLE-HDFE MODEL, PENTA WEAVE

Stainless Steel, Penta Weave, Flex Eye 5½" to 6¼"

Stainless Steel, Penta Weave, 22,675 lbs. WL — That is one Heck of a Heavy-Duty Grip!

This custom Stainless Steel **DLE-HDFE** grip in Penta Weave was designed and manufactured for one of the heaviest pulling jobs in the world.

22,675 LBS. WL





Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
DLE-HDFE-550-SS	5½"-6¼"	22,675 lbs.	68,000 lbs.	Penta	84"	12"

Grip Kit Sets

Electrical Contractor & Fiber CATV Cable

JL KIT

For Electrical Contractors



The **JL Kit** is a timesaver for **electrical contractors** because it contains six most commonly used plastic coated grips for speeding electrical wire pulling. Kit comes in a heavy-duty vinyl coated grip case that contains the following grips:



Part No.	Range	WL lbs.	UTS lbs.	Mesh
JL Kit				
JL25	¼"-⅜"	350	1,000	6"
JL37	⅜"-½"	350	1,000	8"
JL50	½"-⅝"	400	1,250	10"
JL62	⅝"-¾"	400	1,250	12"
JL75	¾"-1"	500	1,500	14"
JL100	1"-1¼"	500	1,500	16"



Part No. JL50

Note: Grips are also available separately.

XS JL-R KIT

For Pulling Fiber CATV Cable

Part No. XS-JL-100-R





The **JL-R Series** grips are designed to be used in **secondary light duty cable pulls**. The neoprene cone at the front of the grip helps the grip & cable go around the tightest bends easily and smoothly. When installed properly, the cone can also help eliminate possible cable lubricant migration by sealing off the end of the cable during a pull. Kit comes in a heavy-duty vinyl coated grip case that contains the following:

Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
XS-JL-R Kit					
XS-JL-25-R	¼"-½"	600	1,200	6"	3½"
XS-JL-50-R	½"-¾"	1,250	2,500	8"	4"
XS-JL-100-R	¾"-1"	1,400	2,800	10"	4½"
XS-JL-125-R	1"-1½"	2,250	4,500	13"	5½"



Note: Grips are also available separately.

HEAVY-DUTY CASE

For Grips & Swivels

New Roll-Up Case — The Roll-Up Case provides a secure place to store Lewis grips and swivels. Constructed of heavy-duty plastic coated canvas with hook-loop closures and holders. Grommets on the top allow hanging of the case for easy access to grips. Case is mildew and water resistant for years of use.

NEW!

GRIPS NOT INCLUDED



The following miscellaneous hardware products, used in fabricating rope and belting items, are drop-forged, heat treated & proof load tested.

STEEL SWIVELS

Drop-Forged

Heat treated drop-forged Steel Swivels are forged of high quality **Medium Carbon 1035 Steel** and are graphite lubricated. Stock sizes range from ¼" to ½"; other sizes will be furnished on request.



Eye & Eye Steel Swivel



Jaw & Eye Steel Swivel

SWING LINKS

Drop-Forged

Drop forged steel swing links are fabricated from the same high quality steel as Lewis Steel Swivels. They are used for adapting swivels to Lewis grips and/or winch lines.



Swing Link Open



Swing Link Closed

Part No./Type	Length	Eye Size	Jaw Size	Strap/Hole Size	Metal Thickness
Jaw & Eye	3"	¾"	½"	-	¼"
	3¾"	15/16"	½"	-	5/16"
	4¾"	1⅛"	⅝"	-	⅜"
	6"	1⅜"	⅞"	-	½"
Eye & Eye	3¼"	¾"	-	-	¼"
	4"	15/16"	-	-	5/16"
	4⅞"	1⅛"	-	-	⅜"
	6¼"	1⅜"	-	-	½"
Swing Link	2¼"	7/16"	-	-	5/16"
	3 3/32"	17/32"	-	-	7/16"
	3 11/16"	9/16"	-	-	9/16"
D-102	-	15/16"	-	1"	⅛"
D-103	-	1⅞"	-	2"	⅜"
D-104	-	2⅝"	-	3"	⅜"
S-302	5¾"	1"	-	1"	⅜"

"D" RINGS



Part No. D-103

LOCKING ROPE SNAP



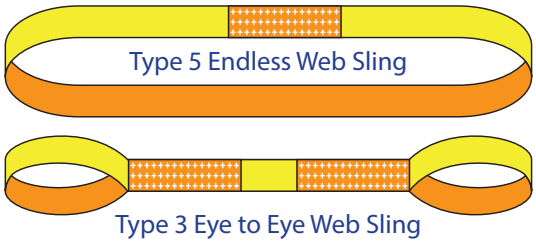
Part No. S-302

LEWIS WEB SLINGS

Nylon, Eye to Eye & Endless, 1" & 2" Widths

We have applied our years of expertise in making the finest fall arrest harnesses and lanyards in the industry, to create a new line of WEB SLINGS.

- Heavy-Duty Nylon Web Sling
- Type 5 Endless & Type 3 Eye to Eye
- 1" and 2" Wide made in One & Two Ply
- Embedded RFID (Radio Frequency ID) Option
- Meet or Exceed Applicable Standards



Part No. Segments: TYPE WIDTH LENGTH PLY RFID

Options: _____-_____-_____-____-_____

Type Options	Description
EE	Eye to Eye
EN	Endless

Width Options	Description
1	1" Wide
2	2" Wide

Options ft	Increments	For Type	for Width
3 to 10	1'	EE	1"
3 to 12	1'	EE	2"
6	-	EN	1"
6 or 12	-	EN	2"

Ply Options	Description
1	1 Ply
2	2 Ply

RFID Options	Description
Blank	None
R	Include

Lewis Sling's Work Load Specifications

Type	Width	Ply	Vertical	Chocker	Basket
EE	1"	1	1,100 lbs.	880 lbs.	2,200 lbs.
EE	1"	2	2,200 lbs.	1,760 lbs.	4,400 lbs.
EE	2"	1	2,200 lbs.	1,760 lbs.	4,400 lbs.
EE	2"	2	4,400 lbs.	3,520 lbs.	8,800 lbs.
EN	1"	1	2,200 lbs.	1,760 lbs.	4,400 lbs.
EN	1"	2	4,400 lbs.	3,520 lbs.	8,800 lbs.
EN	2"	1	4,400 lbs.	3,520 lbs.	8,800 lbs.
EN	2"	2	8,800 lbs.	7,040 lbs.	17,600 lbs.

SELECT CAREFULLY LEWIS SLING PRODUCTS ARE NOT RETURNABLE!

⚠WARNING READ THIS WARNING & PRODUCT WARNING BEFORE USING SLINGS

1. **STAY CLEAR WHEN LIFTING OR PLACING A LOAD.**
2. Do not allow personnel or equipment beneath the load any time, this is a **DROP/CRUSH HAZARD**.
3. Do not alter, cut or modify the web sling products in any way.
4. Do not exceed the recommended maximum work loads.
5. Carefully inspect the straps and nylon material before each use for any signs of wear.



Fall Arrest Harnesses

3 D-Rings, Quick-Release Buckles, Rappelling Style Leg Straps

Lewis Fall Arrest Harnesses are made of light weight but Heavy-Duty High-Visibility Yellow Nylon. Their "rappelling" style leg straps improve both comfort and fit!

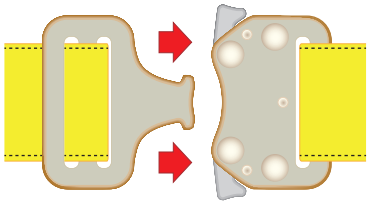
FW-3, 3 D-RINGS

General Use, Quick-Release Buckles

Lewis Manufacturing's **FW-3 Fall Arrest Harness** is a general full body harness and is part of a Personal Fall Arrest System (PFAS). The **FW-3** is for **General Use applications** for Fall Arrest, Work Positioning, Climbing, and Rescue. It features Quick-Release Buckles on chest and leg straps.

The FW-3 has a rear D-ring at waist level that provides a well placed leverage point while working high on a rig. This harness is a true fall arrest harness equipped with a rear D-Ring positioned between the shoulder blades (Marked with "**A**") for attachment of a shock absorption device.

MAX. WORK LOAD 300 LBS.



Featuring 3 Quick-Release Buckles in Chest & Leg Straps

Meets or Exceeds ANSI/ASSE Z359.1-2007
NOT ARC FLASH RESISTANT

MOST POPULAR

Part No.	D-Rings	Sizes	WL lbs.	Material
FW-3	3	XS-XXL	300	Nylon Web



Part No. FW-3

Fall Arrest Harnesses - Continued

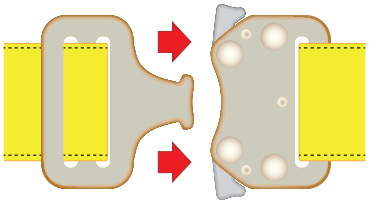
5 D-Rings, Quick-Release Buckles, Rappelling Style Leg Straps

FW-5, 5 D-RINGS

General Use, Quick-Release, True Five Point

Lewis Manufacturing's **FW-5 Fall Arrest Harness** is a general full body harness and is part of a Personal Fall Arrest System (PFAS). The **FW-5** is a **True "Five Point Harness"** that is used for **General Use applications** for Fall Arrest, Work Positioning, Climbing, and Rescue. It features Quick-Release Buckles on chest and leg straps.

MAX. WORK LOAD 300 LBS.



Featuring 3 Quick-Release Buckles in Chest & Leg Straps

Meets or Exceeds ANSI/ASSE Z359.1-2007
NOT ARC FLASH RESISTANT

Part No.	D-Rings	Sizes	WL lbs.	Material
FW-5	5	XS-XXL	300	Nylon Web



Part No. FW-5



The **FW-5 is similar to FW-3** but has has two additional D-Rings located on the left and right sides of the belt. The side rings along with and one rear D-ring on the back of the belt, provide well placed leverage points while working high on a rig or platform. This harness is a true fall arrest harness equipped with a rear D-Ring positioned between the shoulder blades (Marked with "**A**") for attachment of a shock absorption device.



NOTE: All Lewis Fall Arrest Harnesses Can Be Ordered With 11" Tail which provides quicker, easier access to D-rings when connecting a tail rope high on a drilling rig. When placing your order, just add "UT" for "Upper Tail" on the shoulder-level D-ring or "LT" for "Lower Tail" on the waist level D-ring at the back side.

CALCULATING TOTAL FALL DISTANCE – TFD

Per ANSI Requirements



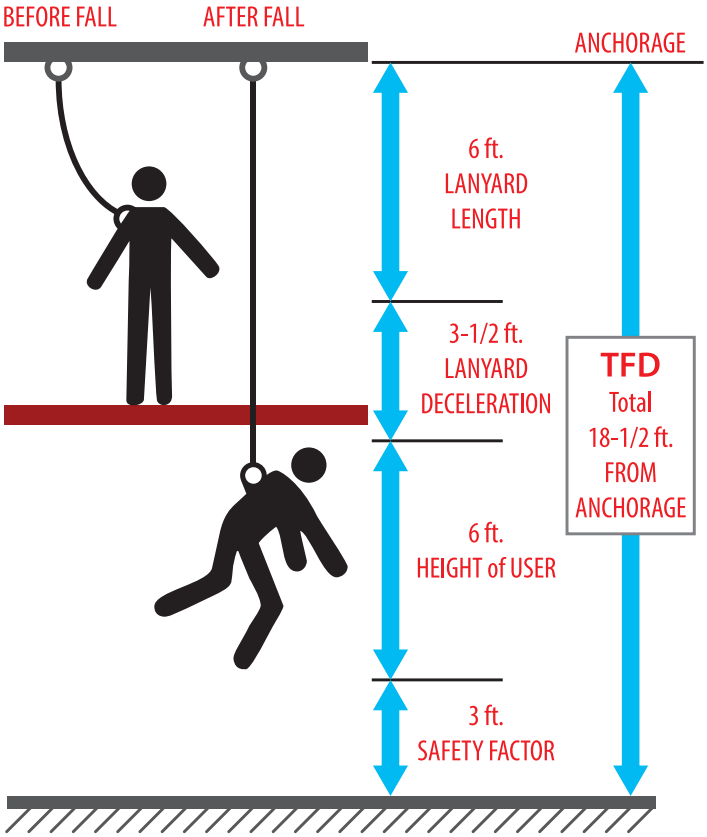
A fall arrest harness should be anchored in a manner that limits free fall to the shortest possible distance of 6 feet or less. The use of Energy Absorbing Personal (EAP) lanyard such as the shock absorbing Lewis **SLOWSTOP™** lanyard is highly recommended to reduce fall arresting forces. However shock absorbers can elongate up to 3½ feet. This elongation distance must be considered when choosing a tie-off point. The following example illustrates the **TFD Calculations**.

TFD = Length of Lanyard and/or Lifeline **+**

Deceleration Distance **+**

Height of User **+**

Safety Factor



Example in the figure at left:
Length of Lanyard = 6'
Lanyard Deceleration Distance = 3½'
Height of User = 6'
Safety Factor = 3'

TFD = 6 + 3.5 + 6 + 3 = **18.5 ft.**

Derrick Light Safety Cables

Reduce Derrick Light Drop-Hazard Potential

DLSC-1 & DLSC-2SS LIGHT SAFETY CABLES

Galvanized & Stainless Steel

Derrick Light Safety Cable is a reliable way to protect against the potential drop hazard of a derrick light.

The **standard** safety cable, **Model DLSC-1**, is made in of Galvanized Steel and has a work load rating of **450 pounds**.



Model DLSC-1 Galvanized Steel Snap Hook



Please Read the **WARNING** on this page and leave the Warning Tag that ships with the product, attached for future reference.

Part No.	Length	WL	Material	Cable Dia.	Closure
DLSC-1	36"	450 lbs.	Galvanized Steel	1/8"	Snap Hook
DLSC-2SS	36"	480 lbs.	Stainless Steel	5/32"	Snap Hook + Safety Screw

The **Heavy-Duty Model DLSC-2SS** is made of Stainless Steel and has a work load rating of **480 pounds**. The Snap Hook on the Model DLSC-2SS is equipped with a Safety Screw.



Model DLSC-2SS Stainless Steel Snap Hook + Safety Screw



⚠WARNING **THIS IS NOT A FALL PROTECTION DEVICE. Do not use as Fall Protection Equipment.**

1. To avoid a drop hazard, DO NOT install Derrick Lights while personnel are below.
2. Inspect safety cables frequently. Remove frayed or corroded cables from service Immediately.
3. Inspect snap swivels frequently. Snaps that have malfunctioning springs, corroded hardware or distorted hardware should be removed and replaced immediately.
4. Any safety cable that has been involved in a derrick light bracket failure should be removed from service and replaced with a new unit.
5. Do not alter any Lewis Manufacturing Product in any way. Lewis Manufacturing does not assume any liability for accidents or injuries caused by a field repaired or altered product.
6. It is important that you read and understand all breaking strength, safety and technical data relating to all Lewis Mfg. products before use. Failure to do so could result in serious injury or death.



NOT A FALL PROTECTION DEVICE



Fall Arrest Harnesses - Continued

3 and 5 D-Rings, Standard Buckle Belts, Rappelling Style Leg Straps

Traditional Lewis Fall Arrest Harnesses incorporate standard buckle belts. These Belts are also made of light weight but Heavy-Duty High-Visibility Yellow Nylon.

Each of the Lewis Manufacturing Fall Arrest Harnesses on this page is a general full body harness and is part of a Personal Fall Arrest System (**PFAS**). All of these harnesses meet or exceed **ANSI/ASSE Z359.1-2007**.

FAH-3Y, 3 D-RINGS — General Harness



FAH-3Y fall arrest harness has 3 D-rings for all drilling rig jobs. The top shoulder level D-ring is for the shock absorption device and the back D-ring at waist level is an anchor point. The front D-ring provides a hook in point for climbing.



Part No.	Sizes	WL lbs.	Material
FAH-3Y	XS-XXL	300	Nylon Web

FAH-5Y, 5 D-RINGS — 5-Point Harness



FAH-5Y is a true "Five Point Harness". All the D-rings required for even the most demanding jobs. In addition to the 3 D-Rings that are on FAH-3Y, it has 2 D-Rings on the left and right sides of its belt.



Part No.	Sizes	WL lbs.	Material
FAH-5Y	XS-XXL	300	Nylon Web

FAH-5Y-MB, 5 D-RINGS — 5-Point w/ Belly Band



FAH-5Y-MB fall arrest harness is a true "Five Point Harness" with a removable belly band. All the D-Rings required for even the most demanding jobs.



Part No.	Sizes	WL lbs.	Material
FAH-5Y-MB	XS-XXL	300	Nylon Web

HCB FAH-3Y WT — 3 D-Rings, Sling Seat & Tail



HCB FAH-3Y WT has a built-in sling seat for ensured safety and comfort for extended periods of time. It has dual D-Rings up front for equalized climbing pressure and for working while suspended.



Part No.	Sizes	WL lbs.	Material
HCB FAH-3Y WT	XS-XXL	300	Nylon Web

All Meet or Exceed ANSI/ASSE Z359.1-2007
NOT ARC FLASH RESISTANT

MAX. WORK LOAD 300 LBS.

NOTE: All Lewis Fall Arrest Harnesses Can Be Ordered With 11" Tail which provides quicker, easier access to D-rings when connecting a tail rope high on a drilling rig. When placing your order, just add "UT" for "Upper Tail" on the shoulder-level D-ring or "LT" for "Lower Tail" on the waist level D-ring at the back side.

⚠WARNING DO NOT ALTER ANY LEWIS MANUFACTURING EQUIPMENT IN ANY WAY.

1. Lewis Manufacturing does not assume any liabilities for accident or injuries resulting from a field repaired or altered belt or lanyard.
2. Prior to each use, the user must inspect all stitching and webbing of the products in question. Any fraying, missing or torn stitches, tears or abrasions of the webbing shall indicate a need for immediate replacement.
3. Do not expose any Lewis Harness, Belt, or Lanyard to any heat source as this could damage the webbing and create a fall hazard.

Derrick Belts

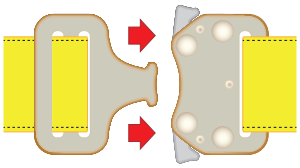
4 D-Ring Boatswain's Riding Belt, Monkey Board Belt

HCB-B, FA HARNESS, 4 D-RINGS



HCB-B is a fall arrest harness **Boatswain's Riding Belt** with 4 D-Rings that is very popular for use on a drilling rig or oil platform. Lewis Derrick Belts are made of light weight but Heavy-Duty High-Visibility Yellow Nylon.

HCB-B is designed with a built-in seat that provides comfort when the belt is used for extended periods of time of. The seat is made of heavy-duty nylon board and is removable so that the HCB-B can be used with or without the built-in seat.



5 Quick-Release Buckles

Part No.	D-Rings	Sizes	WL lbs.	Material
HCB-B	4	XS-XXL	300	Nylon Web

MAX. WORK LOAD 300 LBS.

Meets or Exceeds ANSI/ASSE Z359.1-2007

NOT ARC FLASH RESISTANT



M, MONKEY BOARD BELT

Work Positioning, Must Be Used with a Harness

M is an oilfield **Monkey Board Belt** to be used for work positioning along with a harness. Monkey Board Belt is made of of wide, light weight, heavy-duty high-visibility yellow nylon.



Part No.	Sizes	WL lbs.	Material
M	XS-XXL	300	Nylon Web

⚠WARNING Monkey Board Belt is for WORK POSITIONING ONLY. Must be used along with a harness.

Meets or Exceeds ANSI/ASSE Z359.1-2007

NOT ARC FLASH RESISTANT

SLOWSTOP™ LANYARDS

Shock Absorbing Fall Protection Lanyard

A **SlowStop Lanyard** provides a means of **FALL DECELERATION** for the user. Made of 1" yellow nylon webbing, 2', 4' or 6' lengths.

Part No.	WL lbs.	Initial Length
SLO-2-Y	300	2'
SLO-4-Y	300	4'
SLO-6-Y	300	6'



Part No. SLO-4-Y

RETRACTABLE LANYARDS

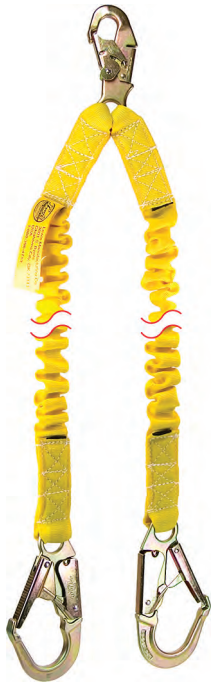
Single & Dual Positioning

A **Retractable Lanyard** provides a means of **WORK POSITIONING** for the user. Both model types are made of 1¼" yellow nylon tube webbings, with heavy-duty retractable insert to draw slack from a lanyard to minimize trip hazard.

Part No.	WL lbs.	Positions	Retractable Length
SPRL-2-Y	300	Single	2'
SPRL-4-Y	300	Single	4'
SPRL-6-Y	300	Single	6'
DPRL-2-Y	300	Double	2'
DPRL-4-Y	300	Double	4'
DPRL-6-Y	300	Double	6'



Part No. SPRL-2-Y



Part No. DPRL-6-Y

LANYARD ANCHOR

Fall Protection Tie-Off Point

The **Lanyard Anchor** provides a **Tie-Off Point** and it is to be used with all fall protection lanyards. It is made of 2" yellow nylon webbing, has a 2" D-ring on one end and 3" D-ring on the other.

Part No.	WL lbs.	Length
LA-2-Y	300	2'
LA-3-Y	300	3'
LA-4-Y	300	4'
LA-6-Y	300	6'



Part No. LA-2-Y

All Lanyards Meet or Exceed ANSI/ASSE Z359.1-2007

NOT ARC FLASH RESISTANT

⚠WARNING **DO NOT ALTER ANY LEWIS MANUFACTURING EQUIPMENT IN ANY WAY.**

1. Lewis Manufacturing does not assume any liabilities for accident or injuries resulting from a field repaired or altered belt or lanyard.
2. Prior to each use, the user must inspect all stitching and webbing of the products in question. Any fraying, missing or torn stitches, tears or abrasions of the webbing shall indicate a need for immediate replacement.
3. Do not expose any Lewis Lanyard to any heat source as this could damage the webbing and create a fall hazard.
4. The SlowStop Lanyard shall not be used as a work positioning device. Prior to each use, inspect the stitches which seal the SlowStop deceleration mechanism. If any of these stitches are torn or missing, immediately remove the SlowStop from service and replace with a new unit prior to performing any work.
5. The Retractable Lanyard, either in the single or dual configuration shall not be used as a fall deceleration or fall arrest device. The user is required to utilize a deceleration lanyard or other type of fall deceleration device in addition to Retractable Lanyard.
6. DO NOT tie off the Lanyard Anchor around sharp or jagged surfaces. Make sure the surface that you are tying off to is clean and free of chemicals, sharp metal edges, welds, burrs or any other potential wear hazard.

Lanyards & Anchors - Continued

Extension Tail and Steel Tail Ropes

EXTENSION TAIL

Snap In & Out Quicker

The **Extension Tail** is for use with a safety belt. It enables the user to **snap in and out more quickly**. It is made of 2" yellow nylon webbing, has a Snap Hook on one end and 3" D-ring on the other.



Part No.	WL lbs.	Length
ET-18-Y	300	18"

Meets or Exceeds ANSI/ASSE Z359.1-2007

TR, STEEL TAIL ROPES

Up to 16', D-Ring & Snap Hook Options

Flexible Steel Tail Ropes made of finest grade plastic coated aircraft cable.



The Lewis **Steel Tail Rope** is designed to provide the user a means of **Work Positioning Only**. The Lewis tail rope is not intended for fall arrest, and / or fall deceleration. The user is required to utilize a deceleration lanyard, (**SLOWSTOP™**) or other type of fall deceleration device in addition to our tail rope (See Photo).

Two model types are available — One model comes with a Snap Hook and 3" D-ring on ends and the other model has Snap Hooks on both ends.

Meet or Exceed ANSI/ASSE Z359.1-2007



Part No. TR-10-D-PC



Part No. TR-10-S-PC



*Part No.	Length	End 1	End 2	WL lbs.	Material
TR-X-D-PC	X = 2' to 16' in 1' increments	D-Ring	Snap Hook	300	Steel Wire Rope
TR-X-S-PC	X = 2' to 16' in 1' increments	Snap Hook	Snap Hook	300	Steel Wire Rope

Available in 2' to 16' lengths in 1' increments.

* Replace the X in the part number with the length value from 2' to 16' lengths in 1' increments. Contact us for lengths above 16'.

⚠WARNING **Always use the shortest tail rope possible and always use a fall deceleration device. Tail ropes and fall deceleration lanyards should be arranged so maximum free fall is 1.8' (0.5 m).**

Never wrap the tail rope or fall deceleration device around any type of structure metallic or otherwise to shorten the length of said device. This creates an abrasion point and fall hazards.

Lewis Canvas Products have earned their reputation & respect of our customers by being TESTED & PROVEN under most severe weather conditions.

ROWDY'S WEATHERTARP™ CANVAS

Superior *HEAT-SEALED Construction

Best Protection Under the:

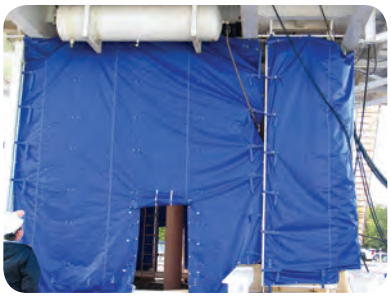
Sun, Rain, Snow, Ice, Wind, & Hail

The **Rowdy's WeatherTarp™** products are manufactured from the **Finest and Toughest Rubberized Nylon** Canvas material. These **Heavy-Duty** products are made under highest quality construction method such as **Heat-Sealed** seams. A sample of our canvas products are listed below and the few following pages:



Custom Measured & Designed Sheds & Equipment Covers

- Equipment Shed, Covers & Barriers
- Oil Rig Housing Covers & Barriers
- Rowdy's DirtBall™ Jobsite Debris Tarp
- Rowdy's Auger Tarp & Rowdy's ROUNDUP™ Auger Tarp
- Heavy-Duty Lewis Bulk-Bag™
- Truck / Trailer Canvas Covers
- Numerous Custom Applications



Weather Housing Covers & Barriers with Heat-Sealed Seams



Very Large, 22 oz. Sand Blasting Area Cover



FAST DELIVERY on Standard & Custom Rig & Truck Covers. Tough & Durable Protection.



Machinery Protective Barrier (Water Park Conveyer Belt)



***HEAT-SEALED:** Heat sealing the seams provides a much stronger bond than sewn seams. Sewing with a needle and thread punctures the material and creates a failure point. Heat Sealing maintains the integrity of the rubberized canvas and provides a longer useful life for the canvas product.

OUR WAREHOUSE IS YOUR WAREHOUSE!

One Less Thing to Worry About.

Service, Repair & Storage — We provide services such as **hot water cleaning** and **repair** on your covers. Then we can store them for you in our warehouse so they are ready to go when you need them.



Our Warehouse Facility in Oklahoma City

Shed & Equipment Canvas Covers & Barriers

Custom Measured & Designed Per Your Specs

SHED & EQUIPMENT COVERS

Custom Design, Fabricate & Service

Protect Your Valuable Equipment from Harsh Environments & Reduce Construction Costs.





Custom Measured & Designed Sheds & Equipment Covers

Large sheds or storage facilities are always needed to house and shield your expensive machinery for storage or for use as a repair shop. **Rowdy's WeatherTarp™** Covers help you to reduce the cost of such buildings and allow you flexibility of use since changing layouts and access to buildings becomes very quick and easy.



Large Industrial Sand Blasting Booth Covers



Heavy-Duty Weather Barriers



Work Area Isolation Barriers & Dividers

Custom Measurement & Design — No matter what size or shape needed for your building or shed, we can make custom covers to your specific form and function requirements.

Oilfield Rig Housing Covers & Weather Barriers

FIELD-PROVEN — Heat of the Dessert to the Cold of Alaska

OILFIELD RIG HOUSING COVERS

Covers, Weather Barriers, and Service

Lewis Rig Housing is custom-designed specifically for your rig substructure, crows nest, outbuilding or equipment for reliable protection from the elements.



Custom Design — We can work from your drawings or visit your wellsite to measure. All our canvas products are constructed right here at our facility in Oklahoma! This means you will always receive the high quality you have become accustomed to when purchasing Lewis Rig Canvas.



Field Tested — You can select either 18 or 22 oz. waterproof canvas. This canvas has been proven oilfield-worthy from the North Slope of Alaska to the oilfields of the southern U.S.A.

Stay Safe & Comfortable — Rig canvas is very important for winter, rainy environments, or when a durable shade system is needed. Canvas offers you the needed protection from the elements to get the job done, and keep your crew comfortable and safe.



Reduce Risks — Canvas can help diminish the risks associated with ice buildup or slippery water covered decks by protecting surfaces and the workers in those exposed areas.

Services — Lewis Canvas products offers service on all rig canvas. We can repair, clean, and store your canvas until you are ready to have it reinstalled.





Rig Housing Covers

Jobsite Debris Tarps

Faster and Easier Clean Up, Save Time and Money

ROWDY'S DIRTBALL™ JOBSITE DEBRIS TARP

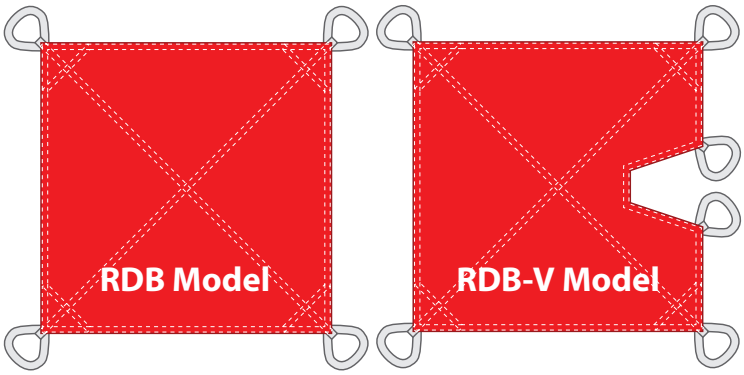
Heavy-Duty, Many Sizes

Keep Your Customer Happy!

The Rowdy's DirtBall is a convenient way of keeping the job site cleaner, saving time, and making customers happier.

The tarp is made of **Heavy-Duty**, rubberized canvas and is equipped with lifting handles. The tarp can be filled with dirt or other worksite debris. The handles, made of tough tubular nylon webbing, can be used to lift the tarp mechanically using a crane or other similar devices for backfilling or taking the debris away.







Rowdy's DirtBall models come in two configurations in a variety of sizes and colors to suit your needs. The V-notch models allow you to get the tarp even closer to your work.



RDB-8x8-22V in Action Installing a Utility Pole

MAXIMUM WORK LOAD 1000 LBS.

Part No.	Size	WL lbs.	Canvas	Description
RDB-6x6-18	6' x 6'	1,000	18 oz.	6' by 6'
RDB-7x7-18	7' x 7'	1,000	18 oz.	7' by 7'
RDB-8x8-18	8' x 8'	1,000	18 oz.	8' by 8'
RDB-6x6-18V	6' x 6'	1,000	18 oz.	6' by 6' with V-Notch Cutout
RDB-7x7-18V	7' x 7'	1,000	18 oz.	7' by 7' with V-Notch Cutout
RDB-8x8-18V	8' x 8'	1,000	18 oz.	8' by 8' with V-Notch Cutout
RDB-6x6-22	6' x 6'	1,000	22 oz.	6' by 6'
RDB-7x7-22	7' x 7'	1,000	22 oz.	7' by 7'
RDB-8x8-22	8' x 8'	1,000	22 oz.	8' by 8'
RDB-6x6-22V	6' x 6'	1,000	22 oz.	6' by 6' with V-Notch Cutout
RDB-7x7-22V	7' x 7'	1,000	22 oz.	7' by 7' with V-Notch Cutout
RDB-8x8-22V	8' x 8'	1,000	22 oz.	8' by 8' with V-Notch Cutout

COLOR OPTIONS:

BLACK BLUE RED ORANGE GRAY

⚠WARNING DROP/CRUSH HAZARD, Never stand under Rowdy's DirtBall™ or Auger Tarp when moving dirt or debris.

DO NOT EXCEED the recommended Maximum Work Load





Custom marking can be provided. Markings can be used for company ID & property marks.

Rowdy's DirtBall™

Jobsite Debris Tarps — Continued

Faster & Easier Clean Up of Pole Installations, Save Time & Money

Rowdy's Auger Tarp

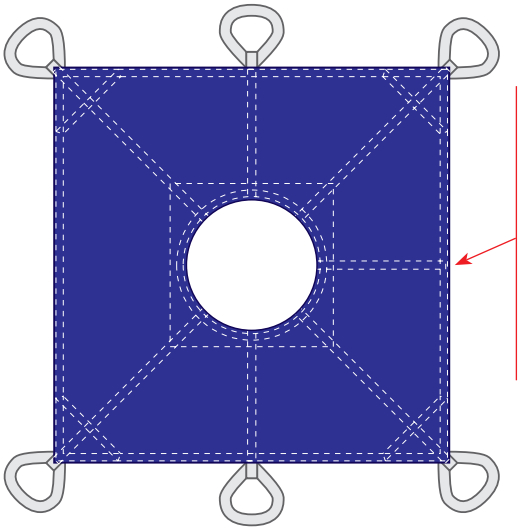
ROWDY'S AUGER TARP | Square Auger Tarp for Pole Installation

Holey DirtBall Rowdy!

The Auger Tarp is similar to Rowdy's DirtBall but has a center opening. One side of the tarp has an overlapping slit that allows the tarp to be installed or removed from around a pole to keep the jobsite cleaner while digging.

The overlapping slit on the side is secured using hook-loop closures and **Heavy-Duty Quick Release** buckles.







Overlapping Slit with Hook-Loop Fastener and Quick Release Buckles

The Auger Tarp is made of **Heavy-Duty**, rubberized canvas and is equipped with 6 lifting handles. The handles and the support straps are made of tough tubular nylon webbing and can be used to lift the tarp for **backfilling** or **debris removal**.

MAXIMUM WORK LOAD 1000 LBS.



View a VIDEO of our Auger Tarp in action on our YouTube Channel:
http://youtu.be/VfJQGPnoBCM

Part No.	Size	WL lbs.	Canvas	Hole Dia.
RDB-A18-6x6-18	6' x 6'	1,000	18 oz.	18"
RDB-A24-6x6-18	6' x 6'	1,000	18 oz.	24"
RDB-A18-6x6-22	6' x 6'	1,000	22 oz.	18"
RDB-A24-6x6-22	6' x 6'	1,000	22 oz.	24"
RDB-A24-7x7-18	7' x 7'	1,000	18 oz.	24"
RDB-A30-7x7-18	7' x 7'	1,000	18 oz.	30"
RDB-A24-7x7-22	7' x 7'	1,000	22 oz.	24"
RDB-A30-7x7-22	7' x 7'	1,000	22 oz.	30"
RDB-A30-8x8-18	8' x 8'	1,000	18 oz.	30"
RDB-A36-8x8-18	8' x 8'	1,000	18 oz.	36"
RDB-A42-8x8-18	8' x 8'	1,000	18 oz.	42"
RDB-A30-8x8-22	8' x 8'	1,000	22 oz.	30"
RDB-A36-8x8-22	8' x 8'	1,000	22 oz.	36"
RDB-A42-8x8-22	8' x 8'	1,000	22 oz.	42"

COLOR OPTIONS:

BLACK | BLUE | RED | ORANGE | GRAY

⚠WARNING DROP/CRUSH HAZARD, Never stand under Rowdy's DirtBall™ or Auger Tarp when moving dirt or debris.

DO NOT EXCEED the recommended Maximum Work Load





Custom marking can be provided. Markings can be used for company ID & property marks.

Jobsite Debris Tarps — Continued

Faster & Easier Clean Up of Pole Installations, Save Time & Money

ROWDY'S ROUNDUP AUGER TARP

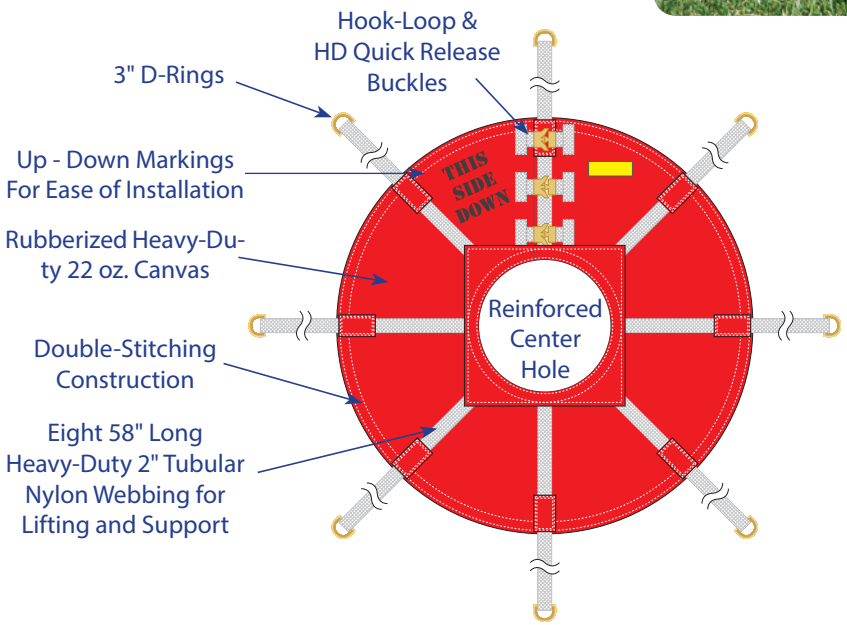
Round Auger Tarp for Pole Installation

Another Hole-in-One Rowdy!

The Roundup Auger Tarp is constructed with the same ruggedness that our Rowdy's DirtBall tarps have become famous for.



The Roundup fits around a pole similar to our other auger tarps however due to its design, it is easier and takes less people to operate. The standard design Roundup Rowdy's Auger Tarp is 9.5' in diameter and has a 36" dia. center hole.



When hole is ready for backfilling simply attach the D-Rings to a boom crane hook and allow dirt to backfill slowly and evenly around pole. This is a huge ergonomic advantage and lessens the number of people required to complete the job. In addition your worksite dirt remains largely contained in & around the pole hole enhancing customer satisfaction.

MAXIMUM WORK LOAD 1000 LBS.

Part No.	Size	WL lbs.	Canvas	Hole Dia.	Strap Length
RDBR-A-36-9.6-22	9.5' Dia.	1,000	22 oz.	36"	58"

For Custom Sizes Please Contact Factory

COLOR OPTIONS:

BLACK BLUE RED ORANGE GRAY

⚠WARNING DROP/CRUSH HAZARD, Never stand under Rowdy's DirtBall™ or Auger Tarp when moving dirt or debris.

DO NOT EXCEED the recommended Maximum Work Load





Custom marking can be provided. Markings can be used for company ID & property marks.

ROWDY'S ROUNDUP Auger Tarp

Jobsite Debris Tarps — Continued

Super-Duty, Faster and Easier Clean Up, Save Time and Money

Super-Duty Spider Tarp™

SPIDER TARP™ RDB-ST **Super-Duty 2,975 lbs.**

The Spider Tarp is a jobsite debris tarp like our other models of tarps. However the Spider tarp is designed for heavier loads than our standard job sebris tarps.
The extra re-inforced multi-strap webbing on the "Down Side" of the tarp give the tarp a much higher **work load of 2,975 lbs.** as compare to 1,000 lbs. work load of our other debris tarps.



Downside of the Spider Tarp showing the Spider Web that gives the tarp its Super-Duty Strength.

Part No.	Size	WL lbs.	Canvas	Description
RDB-ST-6x6-22	6' x 6'	2,970	22 oz.	6' by 6' Spider Tarp
RDB-ST-7x7-22	7' x 7'	2,970	22 oz.	7' by 7' Spider Tarp
RDB-ST-8x8-22	8' x 8'	2,970	22 oz.	8' by 8' Spider Tarp

MEETS AS 3668-1989 STD.

MAX. WORK LOAD 2,975 LBS.

The tarp is made of **Heavy-Duty**, rubberized canvas and is equipped with lifting handles. The tarp can be filled with dirt or other worksite debris. The handles, made of tough tubular nylon webbing, can be used to lift the tarp mechanically using a crane or other similar devices for backfilling or taking the debris away.

COLOR OPTIONS:

BLACK BLUE RED ORANGE GRAY

⚠WARNING DROP/CRUSH HAZARD, Never stand under Rowdy's DirtBall™ or Auger Tarp when moving dirt or debris.

DO NOT EXCEED the recommended Maximum Work Load





Custom marking can be provided. Markings can be used for company ID & property marks.

Hi-Capacity, Heavy-Duty, 3000 lbs.

LEWIS BULK-BAG

Lewis Bulk-Bag™ is ideal for securely **storing / organizing** your equipment & **heavy-duty debris removal**.



(Small Bulk-Bag Shown Above)

Lewis Bulk-Bag™ is ideal for securely storing your Drill Pipe and Casing thread protectors. The bag keeps your valuable gear organized and helps to reduce thread protectors trip hazards. Also it is excellent for debris removal or storage.
NEW — By popular demand we have designed the **Small Bulk-Bag** model that is 32" on each side with a volume of 19 cubic feet. However, it has the same 3000 lbs. Work Load as the larger Bulk-Bag model.



Easily Moved With a Forklift Truck

(Large Bulk-Bag Shown Above)



2" Rim Webbing Reinforcement

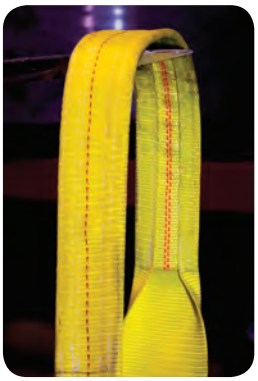
LEWIS BULK-BAG SPECIFICATIONS:

- Heavy-Duty 22 oz. Vinyl-Coated Nylon
- 3000 lbs. Maximum Load Capacity on **both models**
- **Large Bulk-Bag** measures 44" x 44" x 42" high with a volume of 47 cubic feet or 1.74 cubic yards
- **Small Bulk-Bag** measures 32" x 32" x 32" high with a volume of 19 cubic feet
- 24" Long, 4" Wide High-Strength Nylon Webbing for Lifting and Support Straps
- 2" Top Rim High-Strength Nylon Web Reinforcement
- Double-Layered Bottom for Extra Strength
- **NOT FOR USE WITH LIQUIDS**

MAX. WORK LOAD 3,000 LBS.

Part No.	Size	Volume	WL lbs.	Canvas
Bulk-Bag-90-2031	44" x 44" x 42"	47 ft³	3,000	22 oz.
Bulk-Bag-90-2034	32" x 32" x 32"	19 ft³	3,000	22 oz.

24" Long High-Strength 4" Wide Reinforced Lifting Straps



⚠WARNING READ THIS WARNING & PRODUCT WARNING BEFORE USING. USE, INSPECTION & MAINTENANCE OF LEWIS BULK-BAG

1. STAY CLEAR WHEN TRANSPORTING A LOADED BULK BAG — DROP / CRUSH HAZARD.
2. Do not allow personnel or equipment beneath the bulk bag at any time.
3. Do not alter, cut or modify this bulk bag in any way.
4. Do not use the bulk bag for hoisting personnel. This is NOT A PERSONNEL LIFT device.
5. Carefully inspect the straps and nylon material before each use for any signs of wear.
6. Do not place sharp objects in bulk bag.
7. Remove the bulk bag from service immediately if it has any rips, tears or torn seams.
8. All Support / Lifting straps must be on the outside of bag before use.
9. Do not expose the bulk bag to any heat source. This bag is not fire proof.
10. Do not transport liquids, as the bag is not watertight, and not made for this operation.





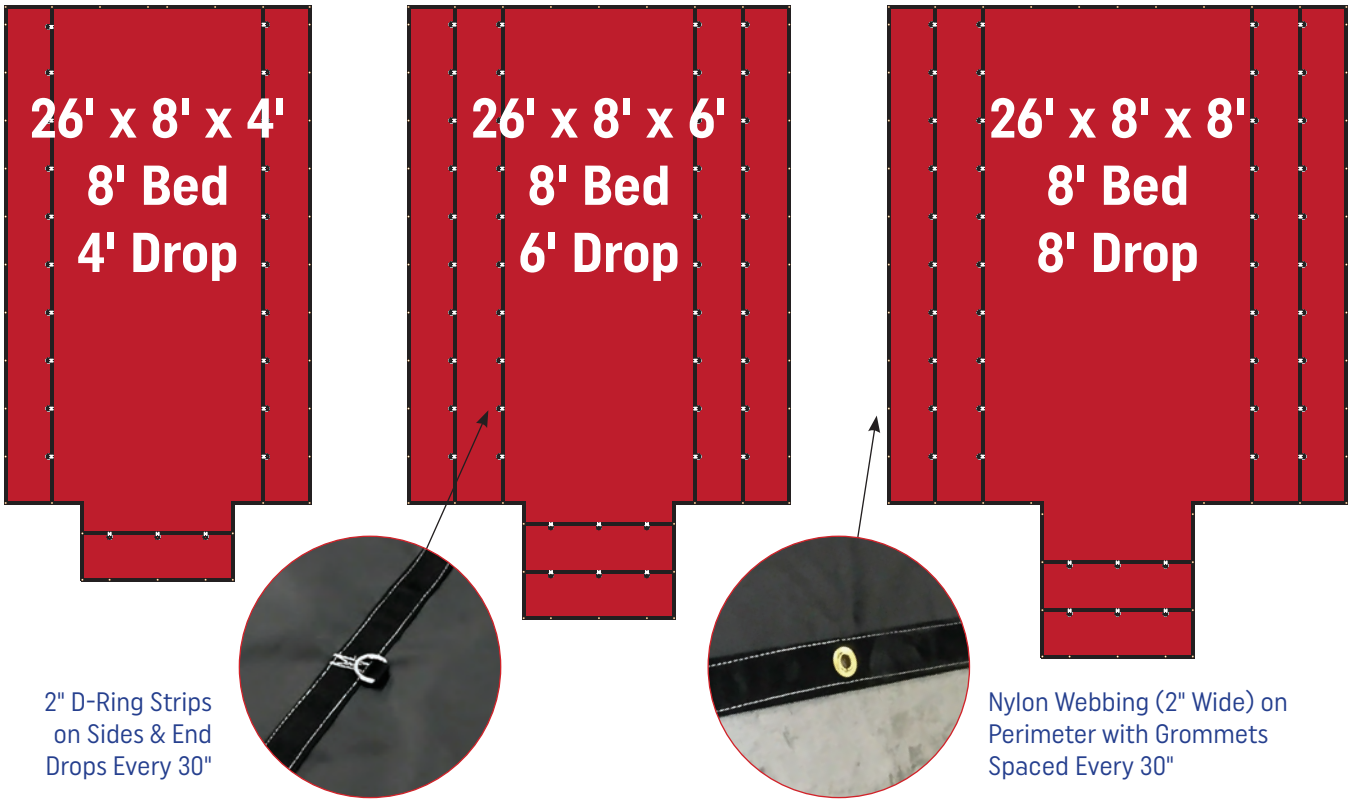
Lewis Bulk-Bag™

Flatbed Truck Canvas Tarps

Road Tested, Hevy-Duty, Rubberized — Curbside Service

FLATBED TRUCK TARPS | Heavy-Duty, Waterproof, 4', 6' & 8' Drops

Lewis Flatbed Tarps are ideal for covering steel, lumber & other similar cargo.



2" D-Ring Strips on Sides & End Drops Every 30"

Nylon Webbing (2" Wide) on Perimeter with Grommets Spaced Every 30"

ROAD ~~Field~~ Tested — To make these covers we have used the same tough, proven canvas material that has been tested for years in the harshest environments from Alaska to the desert conditions of the southern oilfields. They have also been tested under actual road conditions to ensure they meet our customers' needs.



All of the tarp's seams are **HEAT-SEALED** which provides superior durability as compared to sewn seams.

FEATURES / SPECIFICATIONS:

- Heavy-Duty Waterproof Vinyl Coated Nylon
- Available in 14, 18 (Standard), & 22 oz. Thicknesses
- Heavy-Duty 2" Nylon Webbing on Perimeter
- Grommet on all edges spaced 30"
- 2" D-Ring Strips (30" apart) on Drops
- Heat-Sealed Seams Stronger than Sewn Seams
- Custom markings / branding / sizes available

COLOR OPTIONS:

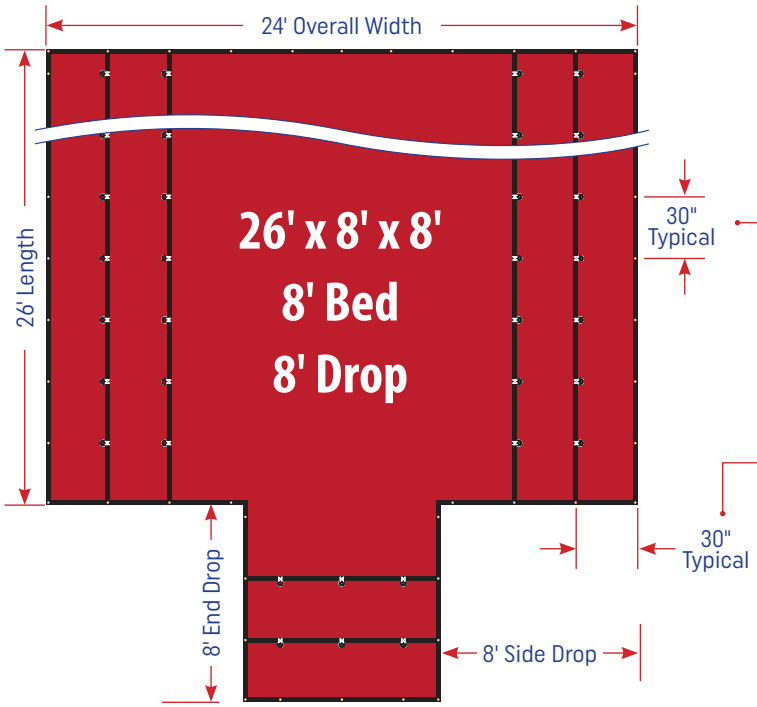
- **Standard** — Black
- **Specify** — Blue, Red, Orange, White, Green & Grey

BLACK | BLUE | RED | ORANGE | WHITE | GREEN | GRAY

Flatbed Truck Canvas Tarps - Continued

Call to Schedule an Appointment or Curbside Service

Details & Size Specs for Flatbed Tarp with 8' Sides & End Drops



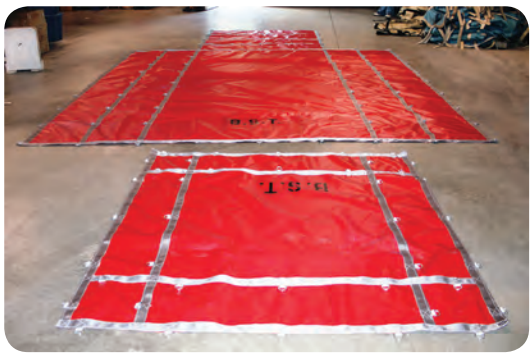
All of the edges are reinforced with 2" Heavy-Duty Nylon Webbing. Grommets are placed on the webbing every 30" for securing the tarp during installation.



D-Ring Strips are spaced 30" from the edge and each other. 8' Drop and 6' Drop Tarps each have 2 strips on their drops. 4' Drop Tarp has only 1 Strip on its drops. D-Rings on each strip are placed 30" apart. Strips are reinforced with 2" Heavy-Duty Nylon Webbing.









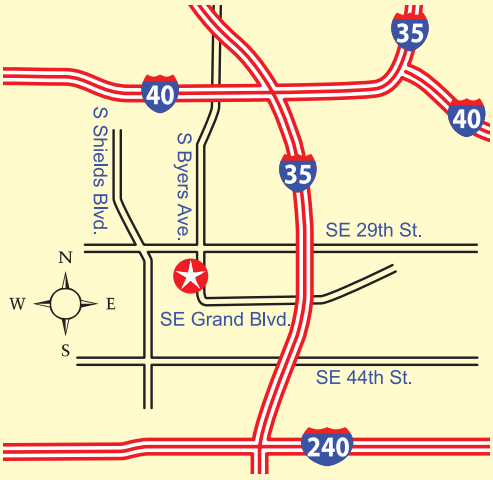
PLEASE CALL

To Schedule an Appointment
Call Lewis Mfg.
Toll-Free at
833-646-8480

Custom Design & Sizes Are Available

CURB SIDE SERVICE — Have your canvas job measured and quoted. You can pull your rig in for curb side service! This ensures that your canvas will fit perfectly the first time.

Oklahoma City, Oklahoma
3601 S. Byers Ave.
Oklahoma City, Oklahoma 73129
Toll-Free 833-646-8480



Custom Truck & Trailer Tarps

Bucket Canvas Covers

Keep Elements out of Utility Trucks' Bucket — Heavy Duty

Utility Truck Bucket Covers

BUCKET CANVAS COVERS

Heavy-Duty, Rubberized, 3 Sizes

Bucket Canvas Covers are specifically designed for utility trucks equipped with cherry picker buckets.

Lewis Bucket Covers keep the debris and elements such as rain and snow out of the bucket while truck is not being used.



The bucket canvas covers are made of heavy-duty 18 oz. Waterproof Rubberized Nylon. Models are available for **1½** and **2** man buckets. The covers are come as standard in black.

Rowdy's WeatherTarp™



NEW!



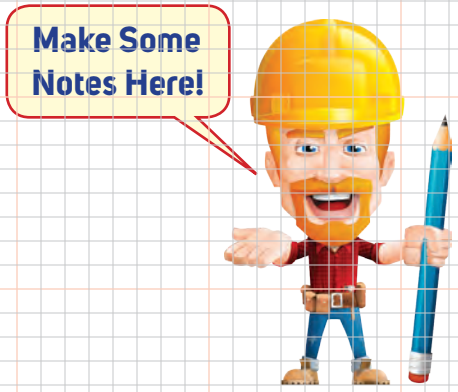
BUCKET COVERS FEATURES:

- The covers are designed to have a curved upper surface that forces the water run-off.
- The covers have embedded plastic rods that prevent the covers to sag and create pockets that could trap water and snow.
- Made of black heavy-duty 18 oz. Waterproof Rubberized Nylon.
- Equipped with nylon strap and stainless steel carabiner to fasten the cover to the boom.
- Custom Markings are available, just ask.

I BELONG TO

Custom Markings such as your company information can be applied for a nominal fee. Please contact us for information.

Part No.	Size	Canvas	Color
90-2040	1 Man Bucket	18 oz.	Black
90-2037	1 ½ Man Bucket	18 oz.	Black
90-2038	2 Man Bucket	18 oz.	Black


Make Some
Notes Here!

Special Application Canvas Covers

Custom-Made KELLY HOSE Bundle Keeper Covers for your Rig

Top Drive Hose Covers

TOP DRIVE HOSE COVERS a.k.a. Kelly Hose Covers

FIELD TESTED & PROVEN

Lewis **Top Drive Hose Covers** (a.k.a. **Kelly Hose** Covers) are designed to be a Heavy-Duty Bundle Keeper for your rig's top drive's electrical cables and hydraulic hoses. In addition to standard sizes, we can custom design and make the covers to your specifications.



Hook-Loop Strips for Strap Retention

FAST DELIVERY



- Custom Lengths from 40' to 80' per Your Specs
- Std 4", 6" & 9" Bundle Diameter or Custom Dia.per Your Specs
- Bundle Keeper for Electrical Cables and Hydraulic Hoses
- Heavy-Duty 18 oz. Vinyl Coated Nylon Canvas



FEATURES / SPECIFICATIONS:

- Custom-made to your Bundle Length & Diameter Specifications
- Made of Tough Heavy-Duty 18 oz. Vinyl Coated Nylon Canvas
- Typical Bundle Diameters of 4", 6" & 9" with Lengths from 40' to 80'
- Nylon Straps with Metal Buckles placed 2 to 3 feet apart per your specs
- Hook-Loop Strip on the ends for safe and easy Strap Retention

COLOR OPTIONS:

BLACK BLUE RED ORANGE WHITE GREEN GRAY

⚠WARNING **Do not alter any Lewis Manufacturing Product in any way. Lewis Manufacturing does not assume any liability for accident or injuries caused by a field repaired or altered product. It is important that you read and understand all breaking strength, safety and technical data relating to all Lewis Manufacturing Company products before use.**

Failure to do so could result in serious injury or even death.

Rotary Table Skirt for Drilling Rigs

Dropped-Tool Barrier that Saves You $$$

ROTARY TABLE SKIRT FOR DRILLING RIGS

HD Waterproof Nylon



What's the $Cost of Shut Down for a Dropped Tool?

Prevent it With a Rotary Table Skirt



Lewis Rotary Table Skirt is designed to be used as a **Dropped-Tool Barrier** so to avoid expensive shut down to retreave a tool. Just place the skirt on the rotary table around a drill pipe after it is stopped and before any repair or maintenance work is performed.



Part No.	Size	Collar	Canvas	Hole Dia.	Color
90-2032	6' Dia.	No	22 oz.	5"	Specify
90-2036	6' Dia.	Yes	22 oz.	5"	Specify
90-2039	5' Dia.	No	18 oz.	5"	Specify



FEATURES / SPECIFICATIONS:

- Tough Heavy-Duty 22 and 18 oz. Waterproof Nylon
- 6' & 5' Dia. with 5" Diameter Center Hole
- Adjustable for a snug fit around the pipe
- Hook-Loop Strips for closure & hole adjustment



Hook-Loop Adjustment Strips for a Snug Fit

COLOR OPTIONS:

BLACK BLUE RED

ORANGE WHITE GREEN GRAY

Rotary Table Skirt

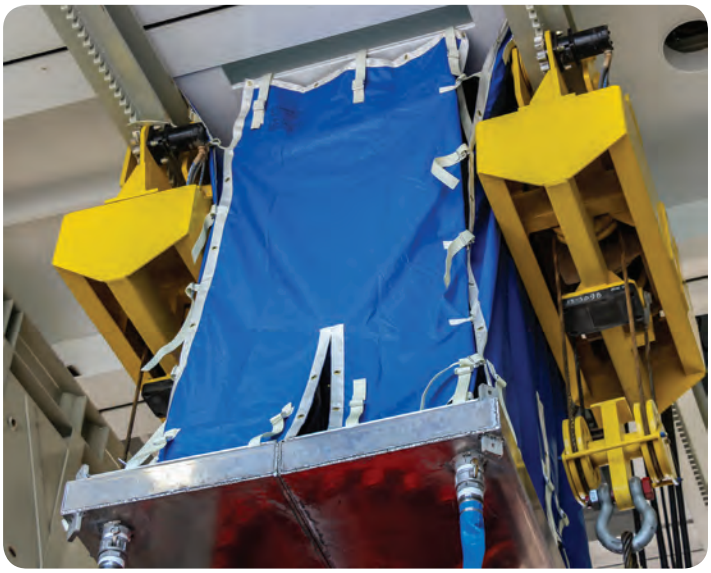
Drip-Pan Canvas & Fire Extinguisher Splash Covers

Help Keeping Your Rig Clean!

DRILLING RIG DRIP-PAN COVERS

Custom Made to Fit Your Rig

Lewis **Drip-Pan Covers** are made with either **18 or 22 oz.** rubberized canvas material. They are designed to help keep the BOP and other equipment under the floor clean.
The drip-pan covers are custom made to fit the rig. Contact us for a quotation.





For further information and to request a quotation please contact factory.

FIRE EXTINGUISHER SPLASH COVERS

Keep It Dry and Clean

Lewis **Fire Extinguisher Covers** are made of clear 18 oz. vinyl material. They are designed to protect the fire extinguishers and its inspection tag from debris, water, and mud when the mounting location is exposed to wash-downs or mud splatters. The cover keeps them dry and clean.

FEATURES:

- Clear 18 oz vinyl material
- Slit down the back side, easy removal
- Top Lifting Loop
- Open Bottom
- Hook-Loop Tightening Strap





Other Custom Canvas Covers

Whatever — Create New or Replace Existing

CUSTOM CANVAS COVERS

Shade, Barrier, Pad, Shed, Enclosure

To create a custom cover or
To replace an existing cover

Turn to Lewis Canvas



Machinery Safety Barriers for Water Park Conveyer Belt



Water Park Shade & Weather Covers



School & Day care or Playground Rain & Shade Covers



Athletic Protective Covers and Pads



Stylish & Functional Yard Furniture Weather Covers



Large Industrial Sand Blasting Booth Cover

Custom Canvas Covers

• LEWIS •
WATERJET
COLD•CUT

CUT WITH WATER UP TO 6" THICK

High Pressure Waterjet "Cold" Cutting Services

We can cut and build to your specifications at our Full Service Waterjet Cutting Shop. We can design and cut metal and non-metal items such as:

- Oilfield Brake Bands
- Industrial Signs & Displays
- Automotive Parts
- Building Artifacts
- AR500 Indoor/Outdoor Shooting Targets
- Miscellaneous Artwork
- General Customer Goods



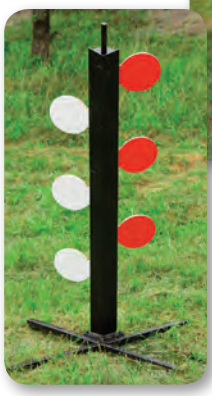


Waterjet Cutter Head

Waterjet Machine

AR-500 Hard Steel Targets



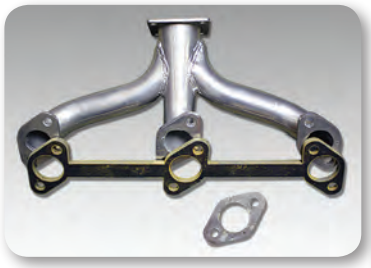




Building Wall-Mount Signs Custom Designed and Custom Cut

We can cut a variety of materials up to 6" thick:

- Stainless Steel
- Hardened Steel
- Aluminum
- Bronze
- Plexiglas
- Brass
- Plastics
- Titanium



Automotive Parts

Parts for various industries





Free-Standing Signs Steel, Bronze, Aluminum Up to 6 inches Thick



COLD CUTTING: The Waterjet Cutting technology is replacing plasma and other heat producing cutters due to its ability to cut the product using a cold stream of extremely high pressure water. This cold cutting process eliminates the heat deformation problems caused by plasma or torch cutting.

To inquire about or to receive a quote please submit your part drawing in electronic AutoCAD format or printed on paper.

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