





Lewis Manufacturing Co.



Welcome to our 2015 Master Catalog. **Since 1936, Lewis Manufacturing Company** has been striving to provide the highest quality American Made products available. In our 79 year history this the first time that we are offering a master catalog that covers our entire line of products for various industries— Wire Mesh Pulling and Suspension Grips and Ball Bearing Swivels, WeatherTarp™ Canvas Products, FW Series Safety Harnesses & Lanyards, RangeMaster Rowdy™ Steel Targets and Waterjet Cold Cutting services.

The catalog contains many new products that are driven by needs of our customers to meet their specific requirements. For example in our Grips and Swivels section, our DLE grips have evolved into the BOA Hose Grips to act as whip socks for high pressure applications. New Stainless Steel Derrick Lights Safety Cable is another example.

In the Canvas Department, in addition to our standard WeatherTarp covers, we now have heavy-duty, 3000 lbs. capacity bulk bags that are great for organizing or transporting your bulk goods. Other new canvas products include Top Drive Hose Covers and Rotary Table Skirts for your drilling rig.



Don't forget to look at our premium steel targets. These are cut with our waterjet cutting machine that leaves warp-free smooth edges

since it is a cold-cutting process. These targets are very popular for competition, police and military training.

Speaking of Waterjet Cold-Cutting, we provide cutting services to create your next metal sign or building ornamental elements. We can practically cut anything up to 6" thick.



Andy "Rowdy" Lewis
President, Lewis Mfg.

📞 Talk to Andy: Questions or Just to Chat call **Toll-Free at 888-398-4719**, Andy would be glad to help you figure out what you need.

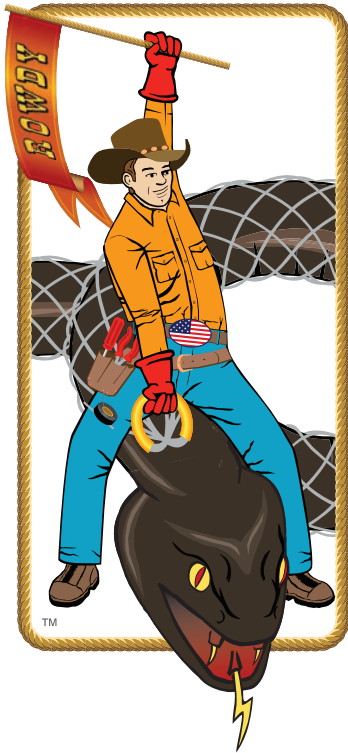
About Lewis Manufacturing



Product Testing

Highest Quality - We Trust but We Verify!

We Make It and We Break It!



We love to make our products and our
Quality Assurance people love to break them.

Our customers depend on our products to perform their work safely and with a 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 Till They Break!

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 **Dillon Dynamometer** to give accurate information on grip use under pulling conditions normally encountered in actual use.

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 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.



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 • TOLL-FREE 888-398-4719

Product Testing — Load Tester

CONTENTS



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.

Table of Contents

Catalog Section / Product, Model	Page
About Lewis Manufacturing	2
Product Testing	3
Proof Load Tester	3
CONTENTS	4
Installation & Care Instructions	10
General Instructions	10
About This Catalog	10
Lewis Grips & Swivels	11
BAND-IT® Banding Instructions	12
BAND-IT® Band Selection	13
Special Purpose Grip Heads	14
SE	14
DLE.	14
TSO	14
U	14
O	14
Lacing Instructions	15
Grips Application Guide	16
Grips Selection Guide	18
Terms & Conditions	19
Standard Pulling Grips.	20
AAA Models	20
AA Models	20
A Models	20
B Models	21
C Models	21
D Models	21
E Models	21
F Models	21
G Models	22
H Models	22
I Models	22
J Models	22
K Models	22



Special Purpose Grip Heads



Lacing Instructions



Banding Instructions



AAA — Standard Grip



B — Standard Grip



D — Standard Grip



G — Standard Grip

CONTENTS



Catalog Section / Product, Model **Page**

Ouchless Lewis Grips™		23
SE Models		23
DLE Models		23
Wire Rope Snake Grips		24
LSG Snake Grips		24
LSGX Snake Grips		24
Suspension Grips		25
LR Models, Conduit Riser Grips		25
LRSL & LRSLR Models, Split Ring Grips		26
LRHB Models, Riser Hook Bail		27
U Models, U-Bail		27
DLE-BOA, DLE-LK-BOA		28
DLE, Dual Lift Eye		30
IH Models, Inline Horizontal Support		30
OE, Offset Eye		30
HB Models, Hook Bail		31
LB Models, Loop Bail		31
LSR & LSL, Split Grips		32
S-1 to S-4 Models		32
FBDM Models, Strain Relief		33
CC Models, Cord Cap		33
Suspension Grips — Tinned Bronze		34
DLE-TB, Dual Lift Eye, TB		34
U-TB, U-Bail, TB		34
OE-TB, Offset Eye, TB		34
HB-TB, Hook Bail, TB		35
LB-TB, Loop Bail, TB		35
Splicing Grips & Bundle Keeper		36
O Models, Splicing Grips		36
BK Models, Bundle Keeper Grips		37
LSG-O Models, Splicing Grips		37



O, BK & LSG-O
Splicing and
Bundle Keeper Grips



SE — Ouchless Grips



DLE — Ouchless Grips



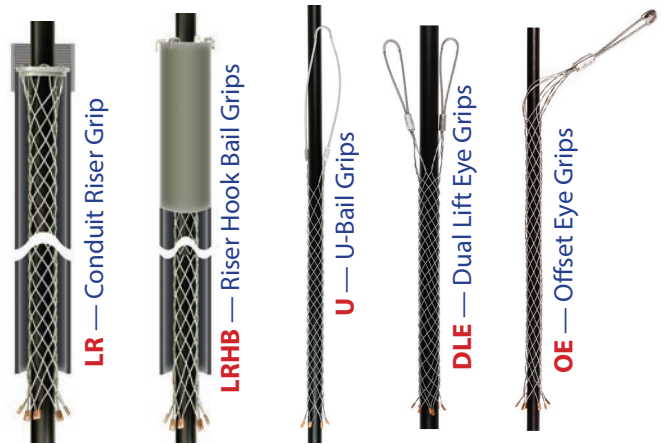
LSG & LSGX — Wire Rope Snake Grips



DLE & DLE-LK BOA
BOA Hose Grips



IH — Inline Horizontal Support



LR — Conduit Riser Grip

LRHB — Riser Hook Bail Grips

U — U-Bail Grips

DLE — Dual Lift Eye Grips

OE — Offset Eye Grips



HB — Hook Bail Grips

FBDM — Strain Relief

S-1 to S-2 — S Series Split Grips

CC — Cord Cap

CONTENTS



Catalog Section / Product, Model	Page
Overhead Pulling Grips	38
OH Models	38
R Models	38
WRC Models	38
HDFE Models, Flex-Eye HD.	39
FEMG, Flex-Eye Multi Grips	39
JL-R Series Grips	39
SEG Models, Swivel Eye Grips.	40
Underground Pulling Grips	41
S-DW Models.	41
Lewis Pulling Collars	42
LPC Models.	42
LPC-SEG Models.	42
Fiber Optics Standard Pulling Grips.	43
JL-FO-CM Models, Closed Mesh	43
JL-FO-SL Models, Split Lace.	43
JL-FO-SR Models, Split Rod	43
Fiber Optics Standard Pulling & Support Grips	44
X-FO Models	44
XIE-FO Models	44
FO Split Support Grips	44
Fiber Optics Special Apps Suspension Grips	45
FO-U, U-Bail	45
FO-DLE, Dual Lift Eye.	45
FO-OE, Single Offset Eye	45
FO-HB, Hook Bail	45
X-Series Multi-Purpose Pulling Grips	46
X Grips, Standard Models	46
XS Grips, Standard Models	47
X-HDFE Grips, Standard HD Models	47
X-SDW Grips, Standard & Short Models.	48
X Grips, Light & Medium Duty	49
XS Grips, Light & Medium Duty.	49
Swivels - Standard & Directional Boring	50
W Regular Duty	50
HD-S Sealed	50
HD-S-Z Sealed, Grease Zerk	50
HD Heavy-Duty	50



CONTENTS



Catalog Section / Product, Model	Page
Swivel - Directional Boring, High Test	51
HD-DBFS Flange Swivel	51
HD-DBS Roller Bearing Swivel	51
Links, Toggles & Knuckle Joint	52
L Series Link	52
T Series Swivel Toggle	52
LKJ-1 Lewis Knuckle Joint	52
Grip Kit Sets	53
JL Kit.	53
XS JL-R Kit	53
Heavy-Duty Case	53
Miscellaneous Hardware	54
Steel Swivels.	54
Swing Links.	54
"D" Rings	54
Locking Rope Snap.	54
Custom Designed Grips for Your Needs	55
DLE-HDFE Model, Penta Weave	55
Fall Arrest Harnesses.	56
FW-3, 3 D-Rings	56
FW-5, 5 D-Rings.	57
Calculating Total Fall Distance — TFD	57
FAH-3Y, 3 D-Rings.	58
FAH-5Y-MB, 5 D-Rings	58
FAH-5Y, 5 D-Rings.	58
HCB FAH-3Y WT	58
Derrick Belts.	59
HCB-B, FA Harness, 4 D-Rings	59
M, Monkey Board Belt	59
Lanyards & Anchors	60
SLOWSTOP™	60
Retractable Lanyards	60
Lanyard Anchor	60
Extension Tail	61
TR, Steel Tail Ropes.	61



HD-DBFS — Directional, Flange



HD-DBS — Directional, High Test



L Link



Swivel Toggle



Knuckle Joint



Kits — Grip Kits



Steel Swivel



Swing Link



Rope Snap



Fall Arrest Harnesses.	56
FW-3, 3 D-Rings	56
FW-5, 5 D-Rings.	57
Calculating Total Fall Distance — TFD	57
FAH-3Y, 3 D-Rings.	58
FAH-5Y-MB, 5 D-Rings	58
FAH-5Y, 5 D-Rings.	58
HCB FAH-3Y WT	58



FW-3 — FA Harness



Derrick Belts.	59
HCB-B, FA Harness, 4 D-Rings	59
M, Monkey Board Belt	59



Monkey Board Belt

Lanyards & Anchors	60
SLOWSTOP™	60
Retractable Lanyards	60
Lanyard Anchor	60
Extension Tail	61
TR, Steel Tail Ropes.	61



Tail Rope



SLOWSTOP



Lanyards

CONTENTS



Catalog Section / Product, Model **Page**

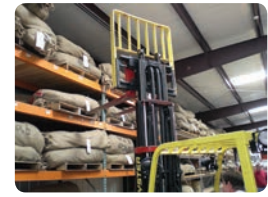


Table of Contents

Lewis Canvas Products	62
Rowdy's WeatherTarp™ Canvas	62
Our Warehouse is Your Warehouse!	62
Shed & Equipment Covers	63
Oilfield Rig Housing Covers	64
Rowdy's DirtBall™ Jobsite Debris Tarp	65
Rowdy's Auger Tarp	66
Rowdy's ROUNDUP Auger Tarp	67
Lewis Bulk-Bag	68
Truck Trailer Canvas	69
Top Drive Hose Covers	70
Rotary Table Skirt for Drilling Rigs	71
Drilling Rig Drip-Pan Covers	72
Fire Extinguisher Splash Covers	72
Custom Canvas Covers	73
Derrick Light Safety Cables	74
DLSC-1 & DLSC-2SS	74
Lewis Web Slings & Tag Line	75
Lewis Sling	75
Lewis Tag Lines	75



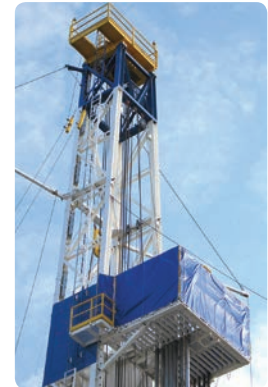
Shed & Equip. Covers



Canvas Warehouse



Rig Housing Covers



Rig Housing Covers



Rowdy's DirtBall™



ROUNDUP Auger Tarp



Rowdy's Auger Tarp



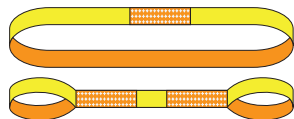
Top Drive Hose Covers



Lewis Bulk-Bag™



Light Safety Cable



Lewis Sling



Tag Line



Rotary Table Skirt



Truck Trailer Canvas

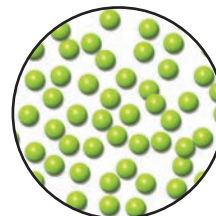
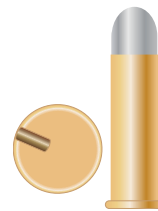
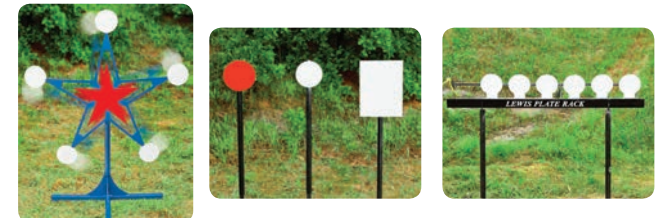
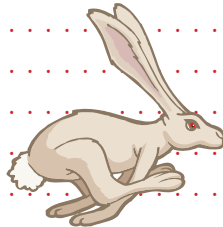
CONTENTS



Catalog Section / Product, Model **Page**



Premium Steel Targets	76
Shooting Safety First	77
Torso Targets	78
Hostage Torso	79
The GONG Target	79
Dueling Tree, Rimfire.	80
Dueling Tree	80
Steel Challenge	81
Large Plate Rack	82
Small Plate Rack	82
Dueling Plate Rack	82
Gravity Plate Rack	83
OKIE Rotating Plate Rack	84
Shooting Star	85
Standard Poppers	86
FF Poppers	86
SR Poppers.	87
Classic Targets	88
Life-Size Game	89
22 Caliber, Rimfire Targets	90
Airsoft & Paintball Steel Targets.	91
Custom Waterjet Cutting & Fabrication	92
Part Numbers Index	93



Airsoft Targets



Waterjet Cutting



Custom Signs



Installation & Care Instructions

General Instructions & Guidelines

General Instructions



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 888-398-4719

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.

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General Instructions



Installation & Care Instructions - Grips & Swivels

Lewis Grips and Swivels Instructions & Guidelines

Lewis Grips & Swivels



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. 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).



8. Once the grip is loaded properly, **Band AND Tape** (use electrical tape) over the tail end of each grip using a **BAND-IT®** brand banding tool. Apply **Second Band AND Tape** 4 to 6 inches apart from the first band (see figure at right). Refer to Banding Instructions for proper banding method.



9. 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.
10. 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.
11. For any questions or comments regarding safe usage of your grips and swivels, or any other Lewis Manufacturing products, please:

Call Toll-Free 888-398-4719

Gen. Warning Grips & Swivels



BAND-IT® Banding Instructions

To tie down ends of Lewis Grips for added security

BAND-IT® Banding Instructions

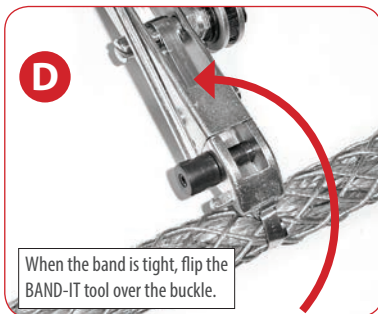
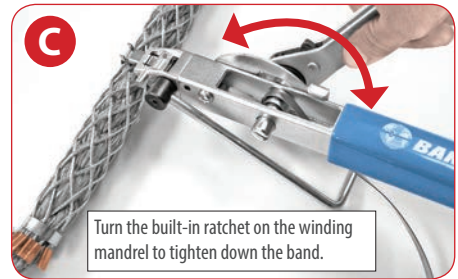
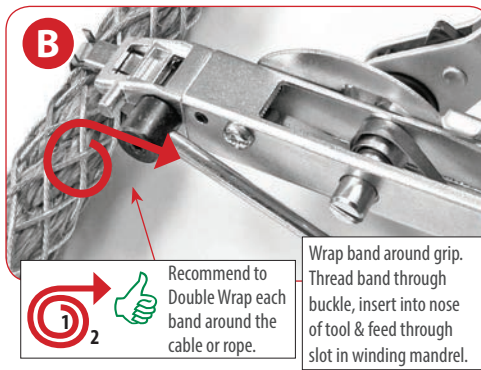
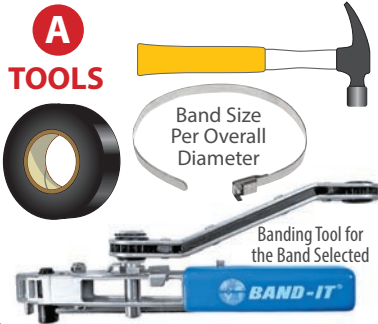
READ THIS BANDING INSTRUCTIONS BEFORE USING ANY LEWIS GRIPS

- 1** Safety is always No. 1. 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. **KEEP BACK**
- 2** Be sure that the right size range grips are being used for the line or rope being pulled. For Example, for 1 3/8" cable, use a 1-1 1/2" range grip.
- 3** Inspect the grip for cable abrasion or broken cables. A pulling or suspension 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** 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.



- 6** Once the grip is loaded properly, **Band AND Tape** the tail end of the grip using a **BAND-IT®** banding tool.

Use a BAND-IT® tool and bands instead of tape alone. Taping is not reliable and can be a safety hazard especially in overhead high tension pulling applications.



Banding Demo Video
<http://youtu.be/cBAilxe3nWs>

- 7** After the job is done remove and inspect the grip for any damages. After a successful inspection, clean & store the grip 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 locations.
- 8** For any questions or comments on the safe usage of your Lewis grips, please **Call Toll-Free 888-398-4719**

Banding Instructions



BAND-IT® Banding Instructions

To tie down ends of Grips for added security

Banding Instructions

BAND-IT® Band Selection

Based on Overall Diameter

Band Part No.	Material	Width	Length	* Single Wrap Dia.	* Single Wrap Dia.	BAND-IT Tool
L-204	Stainless	1/4"	16"	2"	1.5"	J02069
L-208	Stainless	1/4"	26"	6"	2.75"	J02069
L-246	Stainless	1/2"	31"	7.5"	3.5"	C00169
L-271	Stainless	5/8"	56"	15"	7.5"	C00169

Refer to previous page for instructions on using **Model J02069** tool



BAND-IT Tool® J02069



BAND-IT® Tool C00169

Refer to latest BAND-IT Document #P05886 for instruction on using **Model C00169** tool



Operating Instructions **BAND-IT®** C00169 Hand Tool

- Band may be used from both end as the starting or ending point of the band.
- Control end band around object from front and adjust through buckle (NOTE: Do not over tighten. If you need more radial compression than single banding band end of band under buckle).
- Place band in opening of tool nose and proper back. Give the tool as far as possible to avoid over closing the tool nose. Tighten band clamp by turning the handle handle clockwise while holding hand gripper tight against band. NOTE: The spring load of the hand gripper is not intended to secure and prevent band from slipping during normal operation.
- Place finger on BAND-IT Band at handle handle while loosening with tool handle. When you feel BAND-IT Band slip through handle on one end, using thumb, push handle forward as being assisted by the BAND-IT Band around object being clamped. Stop turning handle.
- Roll tool over handle. Backing off with tension handle throughout entire using operation. Failure to back off will damage handle through out entire normal. If normal tool result in breaking of band. There is no loss of tension as band released to rest up in the band.
- Remove tool holding side of band. Roll tool with thumb.
- Hammer down buckle end to hold band disk in place to complete BAND-IT clamp.

BAND-IT-DEX, Inc. A Unit of IDEX Corporation 4198 Dallas Street Denver, CO 80231-3019 USA P: 1-800-224-0710 F: 1-303-454-2653 www.BAND-IT-DEX.com Page 1 of 4 Document # P05886 rev. G © Copyright BAND-IT-DEX, Inc. 2012 All rights reserved.



Special Purpose Grip Heads

In 4 Mesh Materials: Galvanized, Stainless Steel, Tinned Bronze, & Aramid Fibers

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.

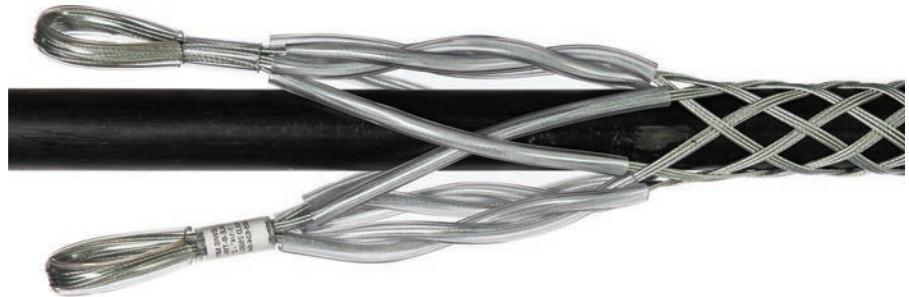
SE

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.



Special Purpose Grip Heads



Lacing Instructions

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

Lacing Instructions

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.

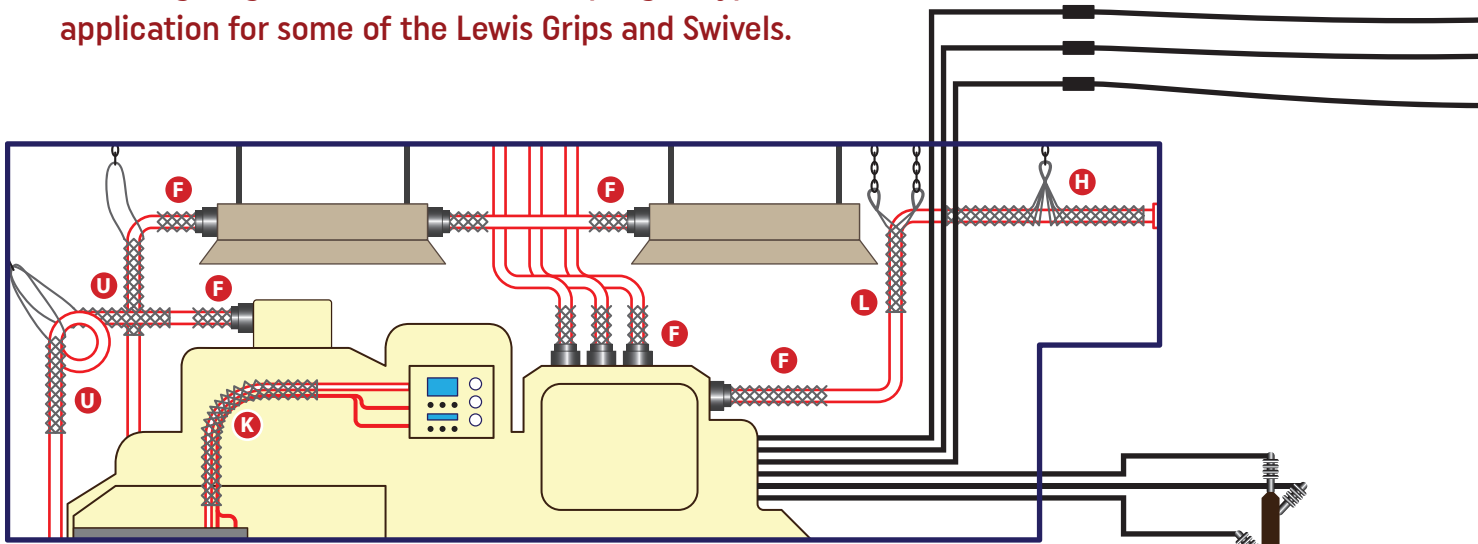
Step 6. Cut the excess lace.

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 in this document.

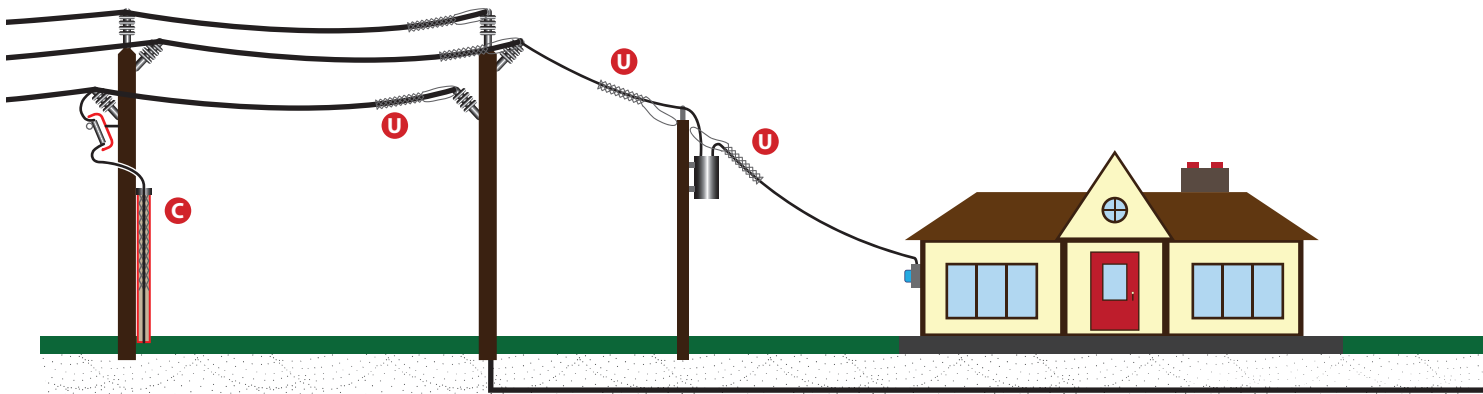
Step 8. After banding, wrap few layers of electric tape over the bands and around the loose tail of the grip to create a smooth, snag-resistant surface.



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

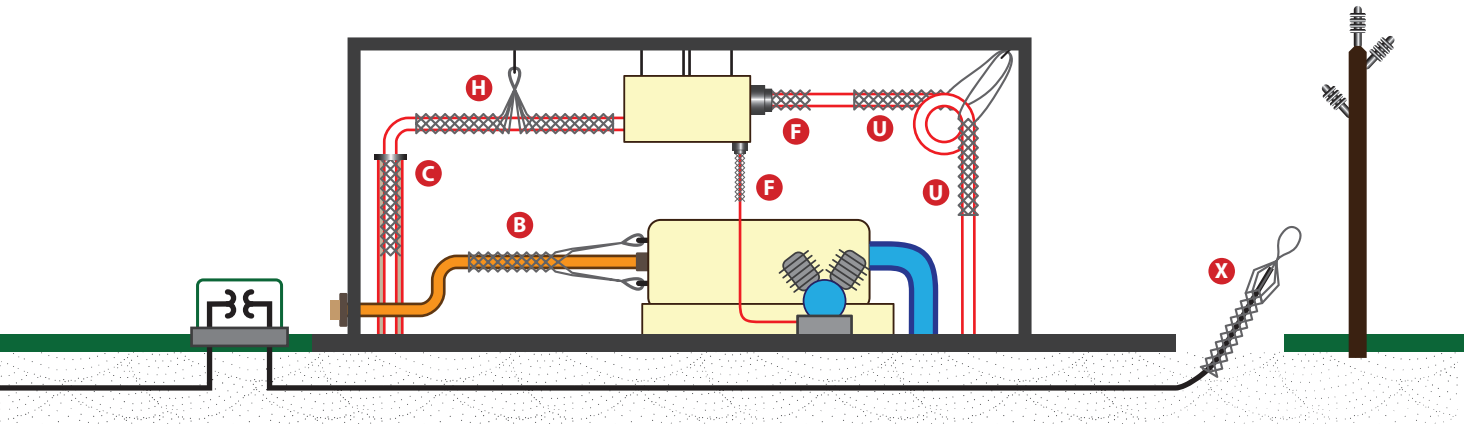
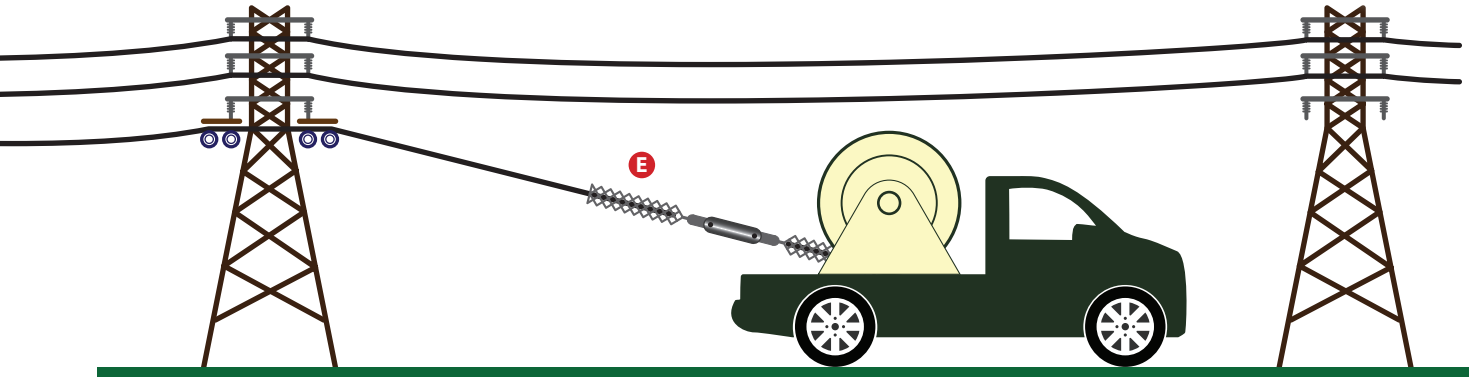


- F** FBDM Grip
- U** U-Bail Grip
- C** Conduit Riser Grip LRHB, LR
- X** X-Series Grip or SEG
- E** Swivel Eye Grip
- D** HD-DBFS Directional Boring Flange Swivel
- S** Sealed Greasable Ball Bearing Swivel
- B** BOA Hose Whipping Sock Grip
- K** BK Bundle Keeper Grip
- H** IH Inline Horizontal Grip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

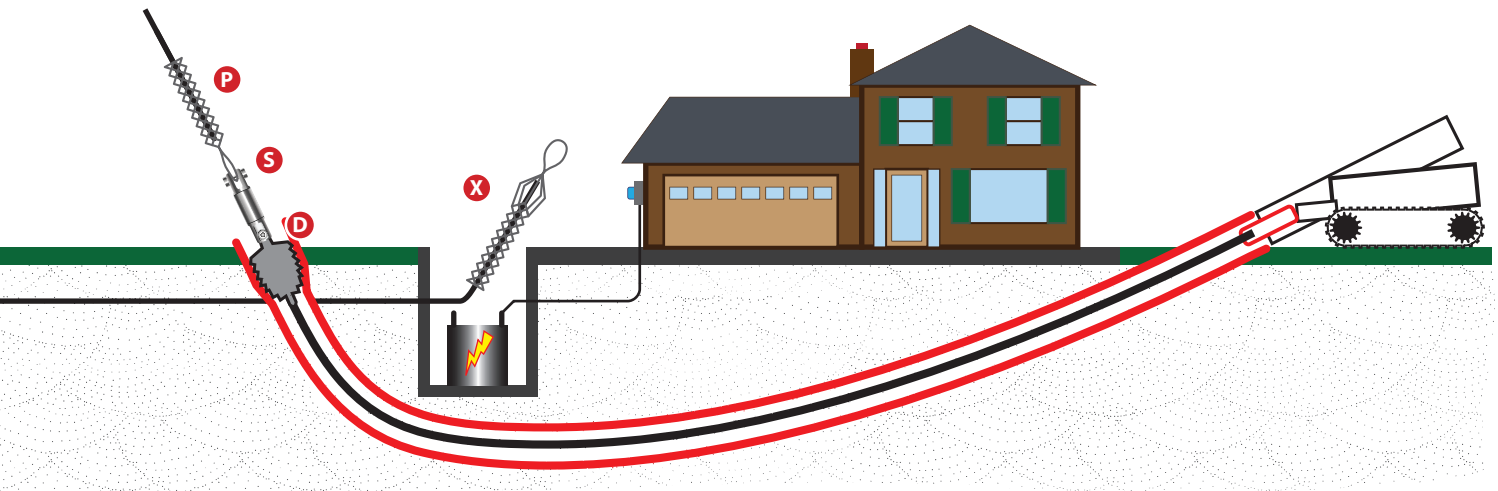


We custom build grips to meet all your needs.

GRIPS APPLICATION GUIDE



PLEASE ORDER CAREFULLY!





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.

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.

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.

How grips are attached to a cable

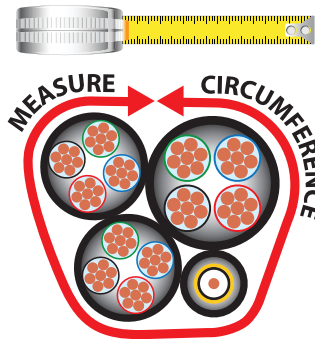
Closed-Mesh Grips — Closed- mesh grips simply slip over the cable where the cable end is accessible.

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.

B- Multi-Cable of Different Sizes Grip Selection:

- Step 1.** Determine the bundle's circumference.
- Step 2.** Look up the Circumference Range on the table at right.
- Step 3.** Find the matching Grip Diameter Range from the table.



Multi-Cable of Different Sizes

Grip Dia. Range in. (mm)	Circumference Range in.
.50-.61 (13-15)	1.57 - 1.94
.62-.74 (16-19)	1.94 - 2.36
.75-.99 (19-25)	2.36 - 3.14
1.00-1.24 (25-31)	3.14 - 3.93
1.25-1.49 (31-38)	3.93 - 4.71
1.50-1.74 (38-44)	4.71 - 5.50
1.75-1.99 (44-51)	5.50 - 6.28
2.00-2.49 (51-63)	6.28 - 7.85
2.50-2.99 (63-76)	7.85 - 9.42
3.00-3.49 (76-89)	9.42 - 11.00
3.50-3.99 (89-101)	11.00 - 12.57
4.00-4.49 (101-114)	12.57 - 14.14
4.50-4.99 (114-127)	14.14 - 15.71

C - 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 **Toll-Free at 888-398-4719**, 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 Toll Free
888-398-4719**



TERMS & CONDITIONS

Rush Orders

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

Please contact us for details.



Mailing Address

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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 AAAA, 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"	1,700 lbs.	3,500 lbs.	Double	18"	5½"
AAA-DW-24	¼"-½"	1,700 lbs.	3,500 lbs.	Double	24"	6"

AA Models

Single, Double or Triple Weave ½" to ¾"



Part No. AA-TW-12

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-12	½"-¾"	2,600 lbs.	5,200 lbs.	Triple	12"	6"
AA-TW-18	½"-¾"	2,600 lbs.	5,200 lbs.	Triple	18"	6"
AA-TW-18	½"-¾"	2,600 lbs.	5,200 lbs.	Triple	24"	6"
AA-TW-24	½"-¾"	2,600 lbs.	5,200 lbs.	Triple	36"	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



B Models

Triple Weave 1¼" to 2"

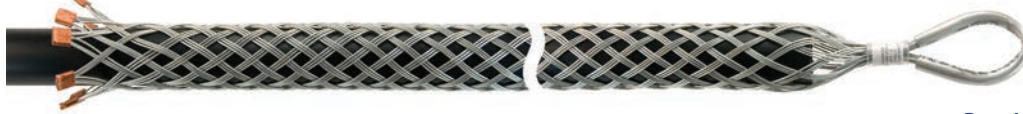


Part No. B-TW-32

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
B-TW-26	1¼"-2"	2,500 lbs.	7,500 lbs.	Triple	26"	¾"
B-TW-32	1¼"-2"	3,500 lbs.	10,500 lbs.	Triple	32"	¾"

C Models

Triple Weave 2" to 2¾"



Part No. C-TW-32

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
C-TW-32	2"-2¾"	3,500 lbs.	10,500 lbs.	Triple	32"	¾"
C-TW-38	2"-2¾"	4,500 lbs.	13,500 lbs.	Triple	38"	¾"

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"	¾"
D-TW-46	2¾"-3½"	5,500 lbs.	16,500 lbs.	Triple	46"	¾"

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

Models G, H, I, J & K



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 4 $\frac{7}{8}$ " to 5 $\frac{1}{2}$ ", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
G-QW-58	4 $\frac{7}{8}$ "-5 $\frac{1}{2}$ "	7,300 lbs.	21,900 lbs.	Quad	58"	6"
G-QW-64	4 $\frac{7}{8}$ "-5 $\frac{1}{2}$ "	8,300 lbs.	24,900 lbs.	Quad	64"	6"

H Models Quad Weave 5 $\frac{1}{2}$ " to 6", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
H-QW-58	5 $\frac{1}{2}$ "-6"	7,300 lbs.	21,900 lbs.	Quad	58"	6"
H-QW-64	5 $\frac{1}{2}$ "-6"	8,300 lbs.	24,900 lbs.	Quad	64"	6"

I Models Quad Weave 6" to 6 $\frac{3}{4}$ ", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
I-QW-58	6"-6 $\frac{3}{4}$ "	7,300 lbs.	21,900 lbs.	Quad	58"	6"
I-QW-64	6"-6 $\frac{3}{4}$ "	8,300 lbs.	24,900 lbs.	Quad	64"	6"

J Models Quad Weave 6 $\frac{3}{4}$ " to 8", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
J-QW-58	6 $\frac{3}{4}$ "-8"	9,100 lbs.	27,300 lbs.	Quad	58"	6"
J-QW-64	6 $\frac{3}{4}$ "-8"	10,100 lbs.	30,300 lbs.	Quad	64"	6"

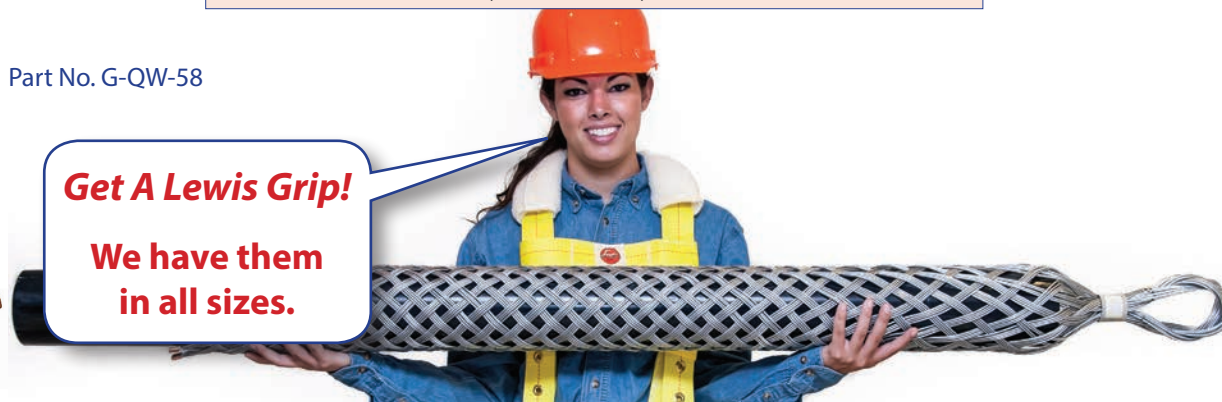
K Models Quad Weave 8" to 9 $\frac{1}{2}$ ", with Flex Eye

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh	Eye
K-QW-64	8"-9 $\frac{1}{2}$ "	10,100 lbs.	27,300 lbs.	Quad	64"	6"
K-QW-72	8"-9 $\frac{1}{2}$ "	10,100 lbs.	30,300 lbs.	Quad	72"	6"

Part No. G-QW-58

Get A Lewis Grip!

**We have them
in all sizes.**





Ouchless Lewis Grips™

Tough Plastic-Coated Aramid Fibers

No Wire Cuts or Contusions!



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 the latest addition to our broad offering of pulling & suspension grips that are very popular 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
- ★ No Wire Cuts and Contusions

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.

SE Models

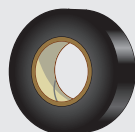
Single Eye Ouchless Grip

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"

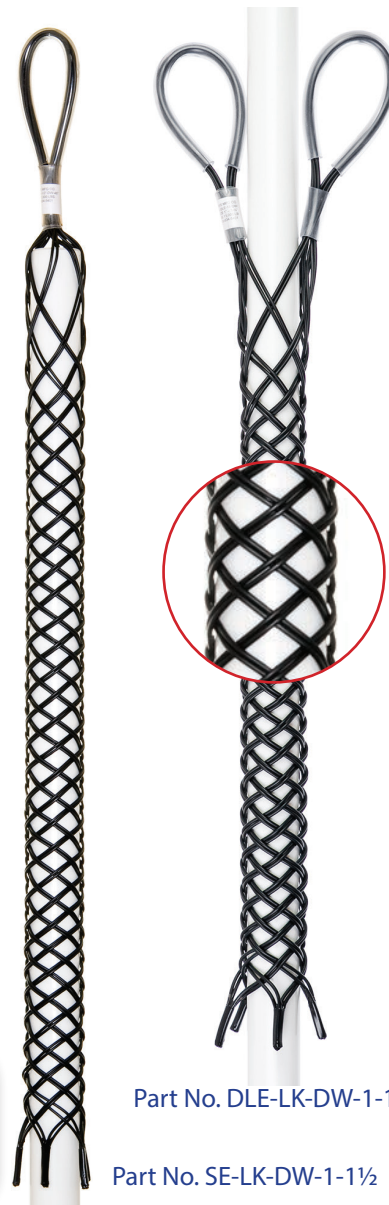
DLE Models

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"



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.



Part No. DLE-LK-DW-1-1½

Part No. SE-LK-DW-1-1½

MODELS SE-LK & DLE-LK



Wire Rope Snake Grips

Save Time Stringing Up, Changing and Unstringing



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

LSG Snake Grips

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

Save time stringing up, changing and unstringing because the snake requires no special tools. 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.

Regular LSG 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 LSG 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 models are not the same on each side.**

LSGX Snake Grips

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

This swivel tube assembly has a very 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.

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

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

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

MODELS LSG & LSGX



READ THIS GUIDELINE BEFORE USING LSG SNAKE

GUIDELINES FOR INSTALLATION & USE OF LEWIS LSG SNAKE ROPE & CABLE CONNECTOR GRIPS

- 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**
- Be sure that the right size range grips are being used for the line or rope being pulled. For Example, for 1 3/8" drilling line, use the LSG 1-1 1/2" snake. When pulling a larger line with a smaller line (larger replacing the smaller), make sure the smaller line has the correct size grip and that the new larger diameter line has the correct size grip as well. LSG snakes are available with any required size range on either side.
- Make sure the cable is clean and free of grease and oil in the area that will be loaded into the LSG snake. A high grade degreaser and heavy duty disposable towels are recommended for this purpose.
- 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 plastic boot area below the pulling eye of the grip - see figure at left). Also examine both grips for cable abrasion or broken cables. An LSG snake showing any signs of cable fraying, broken cables or distorted hardware should be immediately discarded and replaced. Inspect the LSG Snake Grip prior to each use.
- Once the snake is loaded properly, **Band AND Tape** (use electrical tape) over the tail end of each grip using a **BAND-IT®** brand banding tool. Apply **Second** Band AND Tape 4 to 6 inches apart from the first (see figure at left).
- After each use remove the snake 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.
- For any questions or comments regarding safe usage of your LSG Snake, please **Call Toll-Free 1-888-398-4719**





Suspension Grips

Conduit Riser Grips for Cable Suspension in Conduits

LR Models, Conduit Riser Grips

Cable Suspension in Conduits 1¼" to 6"


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 2½ 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.



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

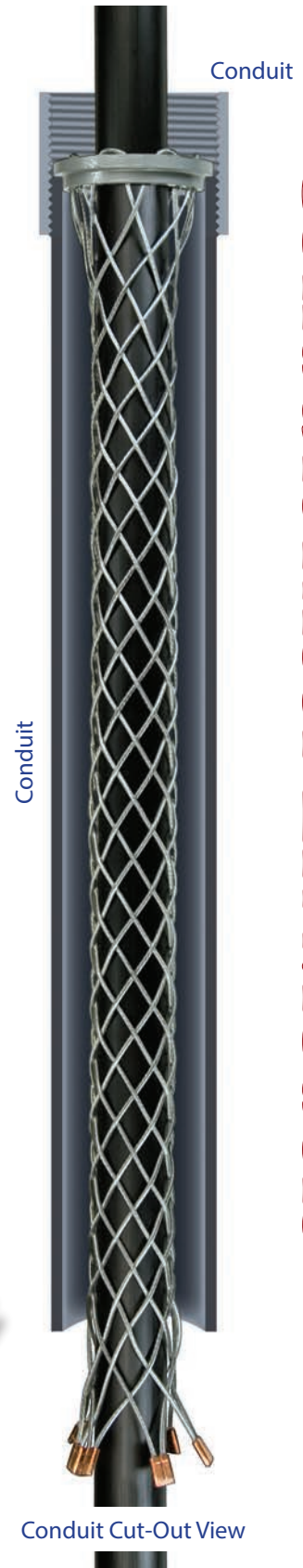


Please Order Carefully!

Many Lewis Grips Are Non-Returnable!

We will be happy to assist you with your grip selection needs.

Call Toll Free 888-398-4719



Conduit Riser LR Models



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.



Part No. LRSL-2-1.25



LACE CLOSING



ROD CLOSING

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. ▶	LRSL-2-.75	LRSL-2-1.0	LRSL-2-1.25	LRSL-2-1.5	LRSL-2-1.75								
	ΦW. Load ▶	450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.								
2½"			LRSL-2½-.75	LRSL-2½-1.0	LRSL-2½-1.25	LRSL-2½-1.5	LRSL-2½-1.75	LRSL-2½-2.0						
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.						
3"			LRSL-3-.75	LRSL-3-1.0	LRSL-3-1.25	LRSL-3-1.5	LRSL-3-1.75	LRSL-3-2.0	LRSL-3-2.5					
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.	1,275 lbs.					
3½"			LRSL-3½-.75	LRSL-3½-1.0	LRSL-3½-1.25	LRSL-3½-1.5	LRSL-3½-1.75	LRSL-3½-2.0	LRSL-3½-2.5	LRSL-3½-3.0				
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.	1,275 lbs.	1,275 lbs.				
4"			LRSL-4-.75	LRSL-4-1.0	LRSL-4-1.25	LRSL-4-1.5	LRSL-4-1.75	LRSL-4-2.0	LRSL-4-2.5	LRSL-4-3.0	LRSL-4-3.5			
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.	1,275 lbs.	1,275 lbs.	1,350 lbs.			
4½"			LRSL-4½-.75	LRSL-4½-1.0	LRSL-4½-1.25	LRSL-4½-1.5	LRSL-4½-1.75	LRSL-4½-2.0	LRSL-4½-2.5	LRSL-4½-3.0	LRSL-4½-3.5	LRSL-4½-4.0		
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.	1,275 lbs.	1,275 lbs.	1,350 lbs.	1,500 lbs.		
5"			LRSL-5-.75	LRSL-5-1.0	LRSL-5-1.25	LRSL-5-1.5	LRSL-5-1.75	LRSL-5-2.0	LRSL-5-2.5	LRSL-5-3.0	LRSL-5-3.5	LRSL-5-4.0	LRSL-5-4.5	
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.	1,275 lbs.	1,275 lbs.	1,350 lbs.	1,500 lbs.	1,687 lbs.	
6"			LRSL-6-.75	LRSL-6-1.0	LRSL-6-1.25	LRSL-6-1.5	LRSL-6-1.75	LRSL-6-2.0	LRSL-6-2.5	LRSL-6-3.0	LRSL-6-3.5	LRSL-6-4.0	LRSL-6-4.5	LRSL-6-5.0
			450 lbs.	562 lbs.	675 lbs.	825 lbs.	975 lbs.	1,125 lbs.	1,275 lbs.	1,275 lbs.	1,350 lbs.	1,500 lbs.	1,687 lbs.	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.

Split Ring Grips LRSL & LRSR



Suspension Grips — Continued

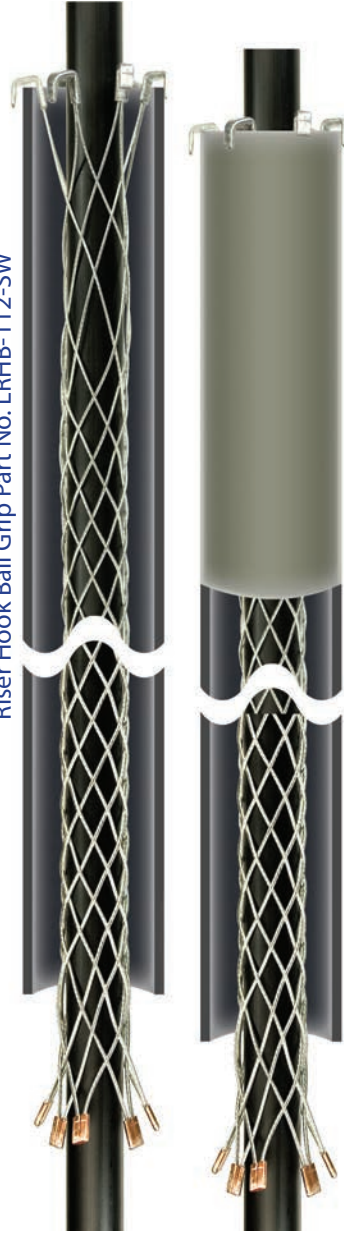
Special Applications

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 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" - 1⅝"	500	1,000	SW	14"
LRHB-162-SW	1⅝" - 2½"	700	1,400	SW	16"
LRHB-250-SW	2½" - 3½"	700	1,400	SW </td <td>18"</td>	18"
LRHB-350-SW	3½" - 4½"	900	1,800	SW	20"
LRHB-450-SW	4½" - 5½"	900	1,800	SW	22"

Riser Hook Bail Grip Part No. LRHB-112-SW



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" - 1⅝"	1,000	2,000	14"	10"
U-162-SWB-PGE	1⅝" - 2½"	1,000	2,000	16"	16"
U-250-SWB-PGE	2½" - 3½"	1,800	3,600	14"	9"

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" - 1⅝"	1,000	2,000	14"	10"
U-162-SWB-SW	1⅝" - 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" - 1⅝"	2,000	4,000	14"	10"
U-162-SWB-DW	1⅝" - 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"

U-Bail Grip Part No. U-112-SWB-SW

U-Bail Grip Part No. U-112-SWB-DW



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.



HOSE GRIPS

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.



DLE Type BOA in GALVANIZED STEEL

For High-Pressure Hose Carrying:

- ▶ OIL
- ▶ WATER
- ▶ AIR
- ▶ HYDRAULICS
- ▶ SLURRY

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.

Sketch Pad

Or just doodle!



Make Some
Notes Here!





Suspension Grips — Continued

Special Applications

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" - ¾"	500	1,000
IH-62-SW	¾" - 1"	500	1,000
IH-75-SW	¾" - 1½"	1,000	2,000
IH-100-SW	¾" - 1¼"	1,000	2,000
IH-112-SW	1½" - 1¾"	1,000	2,000
IH-162-SW	1½" - 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



DLE, Dual Lift Eye

The **Dual Lift Eye** 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 - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
DLE-25-SW	¼" - ¾"	500	1,000	6"	4"
DLE-37-SW	¾" - ½"	500	1,000	7"	4"
DLE-50-SW	½" - ¾"	500	1,000	8"	4½"
DLE-62-SW	¾" - ¾"	500	1,000	10"	5"
DLE-75-SW	¾" - 1½"	1,000	2,000	12"	5"
DLE-100-SW	¾" - 1¼"	1,000	2,000	14"	5½"
DLE-112-SW	1½" - 1¾"	1,000	2,000	14"	6"
DLE-162-SW	1½" - 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" - ¾"	1,000	2,000	8"	4½"
DLE-62-DW	¾" - ¾"	1,000	2,000	10"	5"
DLE-75-DW	¾" - 1½"	2,000	4,000	12"	5"
DLE-100-DW	¾" - 1¼"	2,000	4,000	14"	5½"
DLE-112-DW	1½" - 1¾"	2,000	4,000	14"	6"
DLE-162-DW	1½" - 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"



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 - SINGLE WEAVE					
Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
OE-25-SW	¼" - ¾"	500	1,000	6"	4"
OE-37-SW	¾" - ½"	500	1,000	7"	4"
OE-50-SW	½" - ¾"	500	1,000	8"	4½"
OE-62-SW	¾" - ¾"	500	1,000	10"	5"
OE-75-SW	¾" - 1½"	1,000	2,000	12"	5"
OE-100-SW	¾" - 1¼"	1,000	2,000	14"	5½"
OE-112-SW	1½" - 1¾"	1,000	2,000	14"	6"
OE-162-SW	1½" - 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" - ¾"	1,000	2,000	8"	4½"
OE-62-DW	¾" - ¾"	1,000	2,000	10"	5"
OE-75-DW	¾" - 1½"	2,000	4,000	12"	5"
OE-100-DW	¾" - 1¼"	2,000	4,000	14"	5½"
OE-112-DW	1½" - 1¾"	2,000	4,000	14"	6"
OE-162-DW	1½" - 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"

MODELS IH, DLE & OE



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" - 1"	1,000	2,000	12"	5"
HB-100-SW	¾" - 1¼"	1,000	2,000	14"	6"
HB-112-SW	1" - 1⅝"	1,000	2,000	14"	7"
HB-162-SW	1⅝" - 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" - 1"	2,000	4,000	12"	5"
HB-100-DW	¾" - 1¼"	2,000	4,000	14"	6"
HB-112-DW	1" - 1⅝"	2,000	4,000	14"	7"
HB-162-DW	1⅝" - 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"

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" - 1"	1,000	2,000	14"	18"
LB-100-SW	¾" - 1¼"	1,000	2,000	14"	18"
LB-112-SW	1" - 1⅝"	1,000	2,000	14"	18"
LB-162-SW	1⅝" - 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" - 1"	2,000	4,000	14"	18"
LB-100-DW	¾" - 1¼"	2,000	4,000	14"	18"
LB-112-DW	1" - 1⅝"	2,000	4,000	14"	18"
LB-162-DW	1⅝" - 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"



Models HB & LB

Loop Bail Grip Part No. LB-100-SW



Suspension Grips — Continued

Split Grips, Lace & Rod Closing

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

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	Lace Closing

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

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



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"

Models LSR, LSL & S



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.

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	¾	.125 - .187
FBDM-4	¾	.187 - .312
FBDM-5	¾	.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



Models FBDM & CC

CC Models, Cord Cap

For Male & Female Electrical Cord Plugs



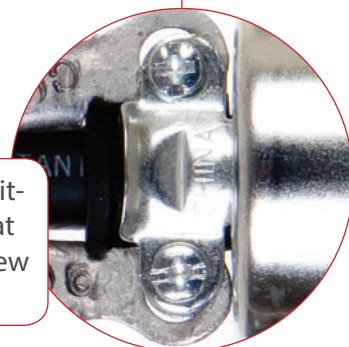
Part No. CC-62

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	4"
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

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" - ¾"	325	650	5"	5½"
U-37-SW-TB	¾" - 1½"	325	650	6"	5½"
U-50-SW-TB	½" - ¾"	375	750	8"	6"
U-62-SW-TB	¾" - ¾"	375	750	10"	7"
U-75-SW-TB	¾" - 1½"	650	1,300	12"	8"
U-100-SW-TB	¾" - 1¼"	650	1,300	14"	9"
U-112-SW-TB	1½" - 1½"	675	1,350	14"	10"
U-162-SW-TB	1½" - 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	¾" - ½"	650	1,300	6"	5½"
U-50-DW-TB	½" - ¾"	750	1,500	8"	6"
U-62-DW-TB	¾" - ¾"	750	1,500	10"	7"
U-75-DW-TB	¾" - 1½"	1,300	2,600	12"	8"
U-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	9"
U-112-DW-TB	1½" - 1½"	1,350	2,700	14"	10"
U-162-DW-TB	1½" - 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"

TB Models U, DLE & OE

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" - ¾"	325	650	5"	5½"
DLE-37-SW-TB	¾" - 1½"	325	650	6"	5½"
DLE-50-SW-TB	½" - ¾"	375	750	8"	6"
DLE-62-SW-TB	¾" - ¾"	375	750	10"	7"
DLE-75-SW-TB	¾" - 1½"	650	1,300	12"	8"
DLE-100-SW-TB	¾" - 1¼"	650	1,300	14"	9"
DLE-112-SW-TB	1½" - 1½"	675	1,350	14"	10"
DLE-162-SW-TB	1½" - 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	¾" - ½"	650	1,300	6"	5½"
DLE-50-DW-TB	½" - ¾"	750	1,500	8"	6"
DLE-62-DW-TB	¾" - ¾"	750	1,500	10"	7"
DLE-75-DW-TB	¾" - 1½"	1,300	2,600	12"	8"
DLE-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	9"
DLE-112-DW-TB	1½" - 1½"	1,350	2,700	14"	10"
DLE-162-DW-TB	1½" - 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" - ¾"	325	650	6"	4"
OE-37-SW-TB	¾" - 1½"	325	650	7"	4"
OE-50-SW-TB	½" - ¾"	375	750	8"	4½"
OE-62-SW-TB	¾" - ¾"	375	750	10"	5"
OE-75-SW-TB	¾" - 1½"	650	1,300	12"	5"
OE-100-SW-TB	¾" - 1¼"	650	1,300	14"	5½"
OE-112-SW-TB	1½" - 1½"	675	1,350	14"	6"
OE-162-SW-TB	1½" - 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	¾" - ½"	650	1,300	6"	4½"
OE-50-DW-TB	½" - ¾"	750	1,500	8"	4½"
OE-62-DW-TB	¾" - ¾"	750	1,500	10"	5"
OE-75-DW-TB	¾" - 1½"	1,300	2,600	12"	5"
OE-100-DW-TB	¾" - 1¼"	1,300	2,600	14"	5½"
OE-112-DW-TB	1½" - 1½"	1,350	2,700	14"	6"
OE-162-DW-TB	1½" - 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"



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" - ¾"	325	650	6"	4"
HB-37-SW-TB	⅜" - ½"	325	650	6"	4½"
HB-50-SW-TB	½" - ¾"	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" - 1⅝"	675	1,350	14"	7"
HB-162-SW-TB	1⅝" - 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" - ¾"	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" - 1⅝"	1,350	2,700	14"	7"
HB-162-DW-TB	1⅝" - 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"



TB MODELS HB & LB

Loop Bail Grip Part No. LB-100-SW-TB

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" - ¾"	325	650	10"	18"
LB-37-SW-TB	⅜" - ½"	325	650	10"	18"
LB-50-SW-TB	½" - ¾"	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" - 1⅝"	675	1,350	14"	18"
LB-162-SW-TB	1⅝" - 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" - ¾"	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" - 1⅝"	1,350	2,700	14"	18"
LB-162-DW-TB	1⅝" - 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"

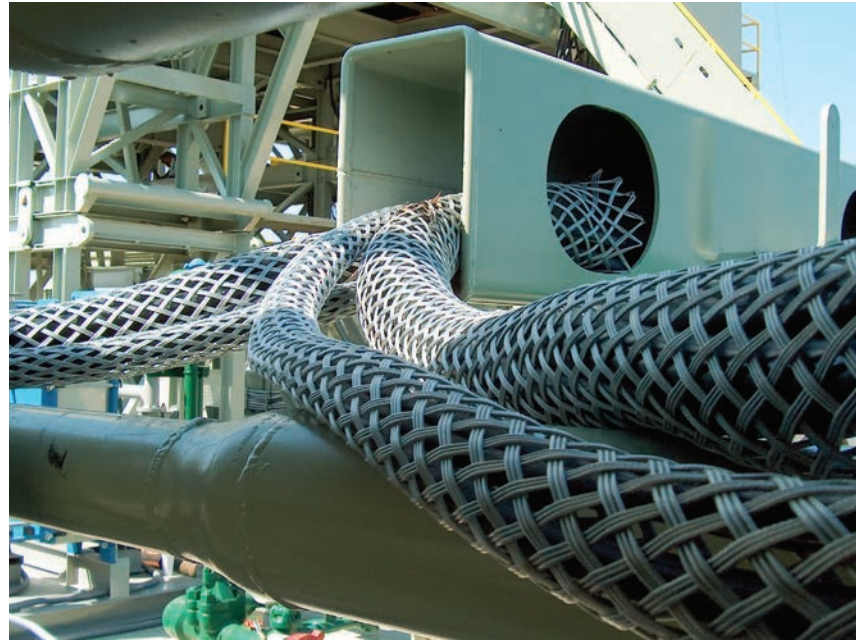


Splicing Grips & Bundle Keeper

For Splicing, Cable & Line Management / Protection

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**.



0 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"	1,700 lbs.	3,500 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" - 4¾"	6,000 lbs.	18,000 lbs.	Triple	52"
F-O-TW-58	4¼" - 4¾"	7,000 lbs.	21,000 lbs.	Triple	58"
G-O-QW-58	4¾" - 5½"	7,300 lbs.	21,900 lbs.	Quad	58"
G-O-QW-64	4¾" - 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"

Model O, Splicing & Bundling



Splicing Grips & Bundle Keeper — Continued

For Splicing, Cable & Line Management / Protection

BK Models, Bundle Keeper Grips

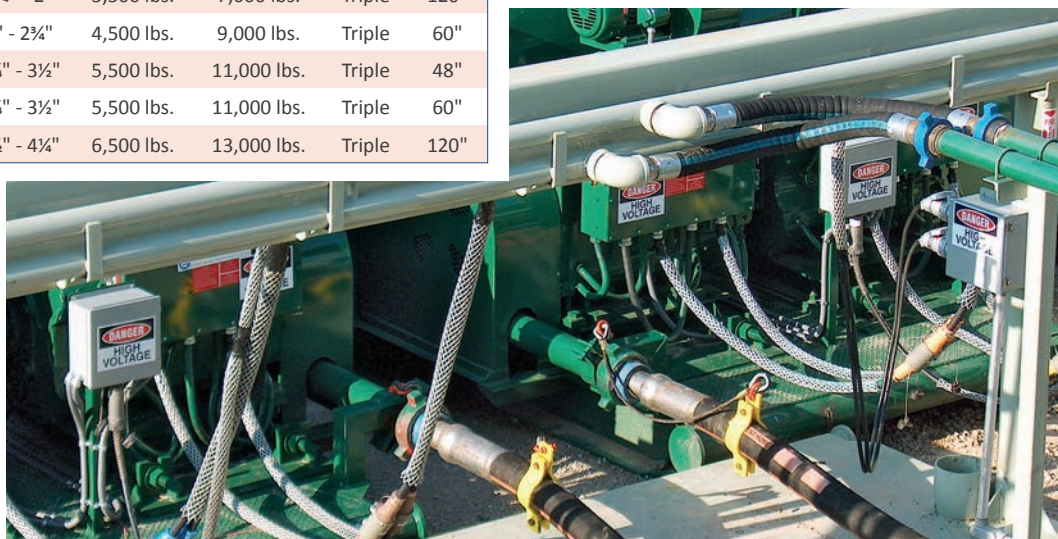
The **Model BK-O Series** is used for bundling, organizing and protection. The Bundle Keeper grips can also be used on **hydraulic & pneumatic lines** that may need an extra measure of protection & organization.

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.

Part No.	Range	Work Load	UTS lbs.	Weave	Mesh
BK-A-O-TW-48	¾" - 1¼"	2,500 lbs.	5,000 lbs.	Triple	48"
BK-B-O-TW-120	1¼" - 2"	3,500 lbs.	7,000 lbs.	Triple	120"
BK-C-O-TW-60	2" - 2¾"	4,500 lbs.	9,000 lbs.	Triple	60"
BK-D-O-TW-48	2¾" - 3½"	5,500 lbs.	11,000 lbs.	Triple	48"
BK-D-O-TW-60	2¾" - 3½"	5,500 lbs.	11,000 lbs.	Triple	60"
BK-E-O-TW-120	3½" - 4¼"	6,500 lbs.	13,000 lbs.	Triple	120"



Models BK & LSG-O

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 / 1-24	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"

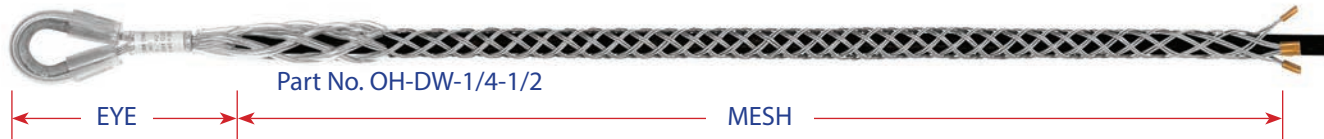


Overhead Pulling Grips

For Cable and Rope Pulling

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-½-¾	½"-¾" 3/0 - .336 MCM	3,200	9,600	Triple	42"	4"
OH-TW-¾-1¼	¾"-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-½-¾	½"-¾"	3,200	9,600	Triple	36"	4"
R-TW-¾-1¼	¾"-1¼"	4,100	12,300	Triple	42"	4"

WRC Models

4 Standard 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 both Wire and Rope pulling. The WRC series incorporates 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	WL lbs.	UTS lbs.	Weave	Mesh	Eye
WRC-DW-¼-½	¼"-½"	1,500	4,500	Double	24"	10"
WRC-TW-½-1	½"-1"	3,200	9,600	Triple	36"	14"
WRC-TW-1-1½	1"-1½"	5,700	17,100	Triple	42"	16"
WRC-QW-1½-2	1½"-2"	9,600	28,800	Quad	48"	20"

MODELS OH, R & WRC



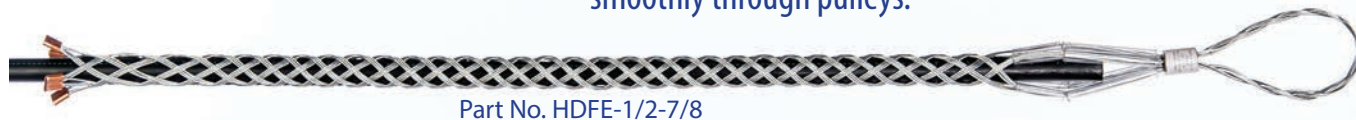


Overhead Pulling Grips — Continued

For Cable and Rope Pulling

HDFE Models, Flex-Eye HD

Powerful, Heavy-Duty for pulling big Conductors smoothly 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-½-¾	½"-¾"	2,400	7,200	42"	6"
HDFE-¾-1¾	¾"-1¾"	5,700	17,100	48"	7"
HDFE-1¾-2	1¾"-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"-4½"	15,300	45,900	56"	7"
HDFE-4½-5	4½"-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 and pulling of different size cables from one flexible eye.

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.



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

JL-R Series Grips

For Secondary Light-Duty Cable Pulls

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. XS-JL-100-R

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"

MODELS HDDE, FEMG & JL-R



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.

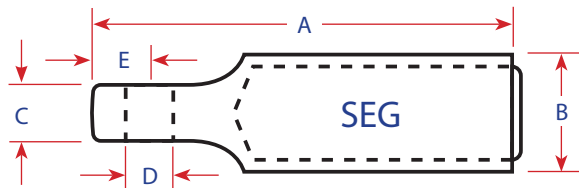
NOTE: The rotating eye swivel is **Not a Ball Bearing Swivel** and will not turn while under tension. It will turn to relieve pulling torque when the pulling tension is released. If a continual swivel movement is needed, a ball bearing swivel should be used per following applications:

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"	1⅝"	1⅜"
SEG-1	½" - 1"	3,500	7,000	36"	3½"	1"	½"	1⅞"	⅝"
SEG-2	1" - 1½"	9,600	19,200	42"	4⅝"	1⅜"	½"	4⅜"	⅞"
SEG-3	1½" - 2"	11,200	22,400	48"	6½"	1⅝"	⅝"	5⅝"	1"
SEG-4	2" - 2½"	16,300	32,600	60"	7½"	1⅝"	2⅜"	6⅜"	1⅜"
SEG-5	2½" - 3"	16,700	33,400	60"	8"	2"	1⅞"	1⅞"	1¼"
SEG-6	3" - 3½"	16,700	33,400	66"	8"	2"	1⅞"	1⅞"	1¼"
SEG-7	3½" - 4"	16,700	33,400	72"	8"	2"	1⅞"	1⅞"	1¼"
SEG-8	4" - 4½"	23,300	46,600	72"	8½"	2¼"	1⅞"	1⅞"	1⅜"
SEG-9	4½" - 5"	23,300	46,600	72"	8½"	2¼"	1⅞"	1⅞"	1⅜"
SEG-10	5" - 5½"	23,300	46,600	72"	8½"	2¼"	1⅞"	1⅞"	1⅜"

Model SEG



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 888-398-4719

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"

Model S-DW





Lewis Pulling Collars

Standard and SEG Swivel Eye Style

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

Models LPC & LPC-SEG

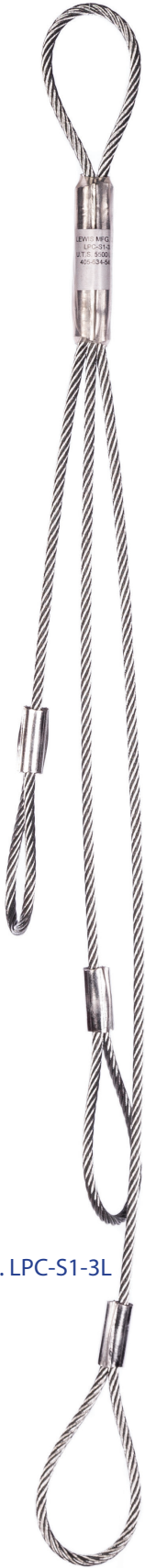
LPC Models

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.



Part No. LPC-S1-3L

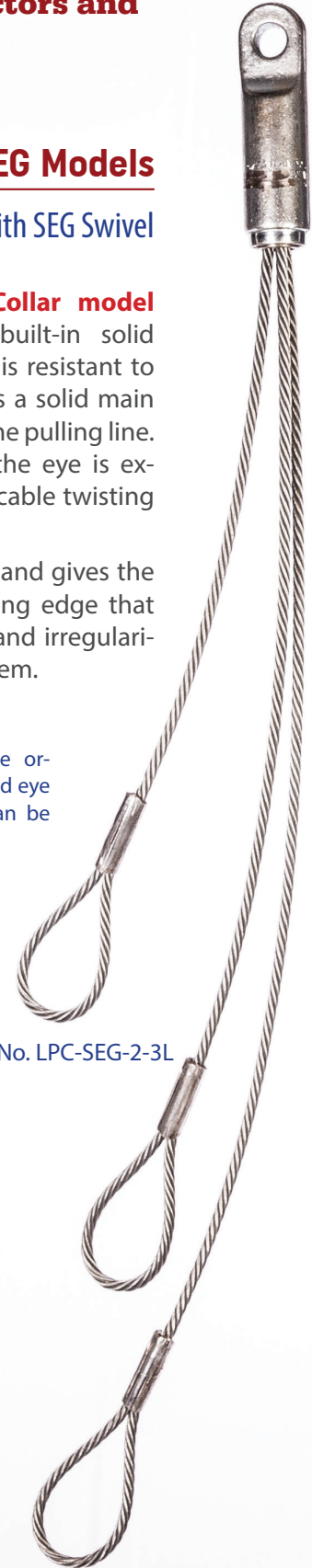
LPC-SEG Models

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	Total UTS lbs.
LPC	LPC-S1L	1 to 4	2,000
	LPC-S1	1 to 4	5,500
	LPC-S2	1 to 4	8,200
	LPC-S3	1 to 4	9,800
	LPC-S4	1 to 4	14,000
LPC-SEG	LPC-SEG-JL	1 to 4	2,000
	LPC-SEG-1	1 to 4	5,500
	LPC-SEG-2	1 to 4	8,200
	LPC-SEG-3	1 to 4	9,800
	LPC-SEG-4	1 to 4	14,000

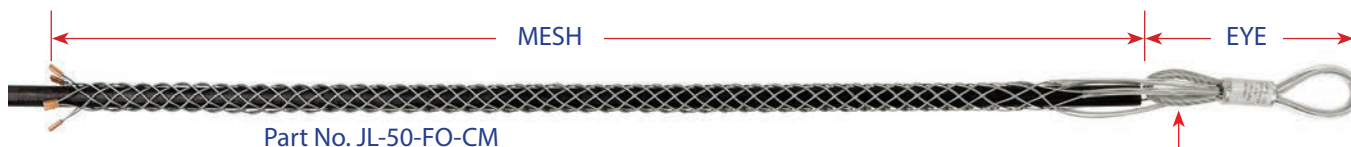


Fiber Optics Standard Pulling Grips

Closed Mesh, Split Mesh Lace and Rod Closing

JL-FO-CM Models, Closed Mesh

For Long Pulls, Interior Eye



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

For Long Pulls, Middle of the Run, Lace Closing



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

For Long Pulls, Middle of the Run, Rod Closing



Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
JL-25-FO-SR	¼"-¾"	600	1,200	24"	8"
JL-37-FO-SR	¼"-½"	600	1,200	24"	8"
JL-50-FO-SR	½"-¾"	750	1,500	24"	8"
JL-62-FO-SR	¾"-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.

JL-FO Models CM, SL & SR



Fiber Optics Standard Pulling & Support Grips

Flexible Eye, Split Lace & Split Rod

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

Pulling Grip, Interior Pulling Eye



Interior Pulling Eye

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

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.



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

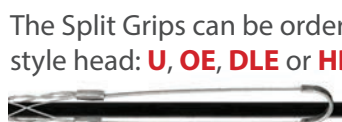
SPLIT ROD

Part No. FO-50-SR-U

The **Split Support Grips** are used for final adjustments and re-tensioning 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.

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

	Part No.	Range	WL lbs.	UTS lbs.	Mesh	Eye
SPLIT LACE	FO-25-SL-U	¼"-¾"	500	1,000	6"	5"
	FO-37-SL-U	¼"-½"	500	1,000	6"	6"
	FO-50-SL-U	½"-¾"	600	1,250	6"	6"
	FO-62-SL-U	¾"-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"-¾"	500	1,000	6"	5"
	FO-37-SR-U	¼"-½"	500	1,000	6"	6"
	FO-50-SR-U	½"-¾"	600	1,250	6"	6"
	FO-62-SR-U	¾"-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"



U Style Head



OE Style Head



DLE Style Head



HB Style Head

FO Models X, XIE, SL & SR



Fiber Optics Special Apps Suspension Grips

U-Bail, Offset Eye, Dual Lift Eye & Hook Bail



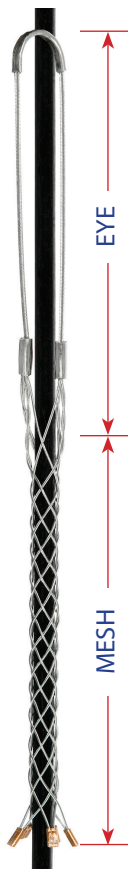
FO-U, U-Bail

For Vertical Suspension of Fiber Optics Cable or Wire

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"-¾"	500	1,000	6"	5"
FO-37-U	¼"-½"	500	1,000	6"	6"
FO-50-U	½"-¾"	600	1,250	6"	6"
FO-62-U	¾"-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

For Vertical Suspension similar to U-Bail but 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"-¾"	500	1,000	6"	5"
FO-37-OE	¼"-½"	500	1,000	6"	6"
FO-50-OE	½"-¾"	600	1,250	6"	6"
FO-62-OE	¾"-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



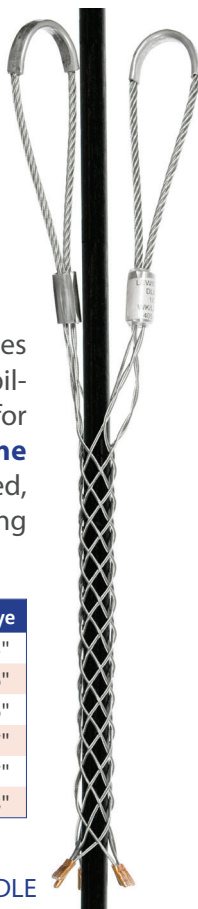
FO-DLE, Dual Lift Eye

For Vertical Suspension like U-Bail but 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"-¾"	500	1,000	6"	5"
FO-37-DLE	¼"-½"	500	1,000	6"	6"
FO-50-DLE	½"-¾"	600	1,250	6"	6"
FO-62-DLE	¾"-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

For Vertical Suspension similar to U-Bail but 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"-¾"	500	1,000	6"	5"
FO-37-HB	¼"-½"	500	1,000	6"	6"
FO-50-HB	½"-¾"	600	1,250	6"	6"
FO-62-HB	¾"-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-Series Model X

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	1,500	3,500	18"	5"
X-A-SW-24	¾"-1¼"	Lt. Blue	1,700	3,400	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	2,500	7,500	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"-4¾"	Black	6,000	18,000	52"	9"
X-F-TW-58	4¼"-4¾"	Black	7,000	21,000	58"	9"
X-G-QW-58	4¾"-5½"	Yellow	15,000	30,000	58"	10"
X-G-QW-64	4¾"-5½"	Yellow	15,000	30,000	64"	10"
X-H-QW-58	5½"-6"	Brown	15,000	30,000	58"	10"
X-H-QW-64	5½"-6"	Brown	15,000	30,000	64"	10"
X-I-QW-58	6"-6¾"	Turquoise	15,000	30,000	58"	10"
X-I-QW-64	6"-6¾"	Turquoise	15,000	30,000	64"	10"
X-J-QW-58	6¾"-8"	Aluminum	16,500	33,000	58"	10"
X-J-QW-64	6¾"-8"	Aluminum	16,500	33,000	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



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"	1,500	3,500	18"	5"
XS-A-SW-24	¾"-1¼"	1,700	3,400	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"	2,500	7,500	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"-4¾"	6,000	18,000	52"	9"
XS-F-TW-58	4¼"-4¾"	7,000	21,000	58"	9"
XS-G-QW-58	4¾"-5½"	15,000	30,000	58"	10"
XS-G-QW-64	4¾"-5½"	15,000	30,000	64"	10"
XS-H-QW-58	5½"-6"	15,000	30,000	58"	10"
XS-H-QW-64	5½"-6"	15,000	30,000	64"	10"
XS-I-QW-58	6"-6¾"	15,000	30,000	58"	10"
XS-I-QW-64	6"-6¾"	15,000	30,000	64"	10"
XS-J-QW-58	6¾"-8"	16,500	33,000	58"	10"
XS-J-QW-64	6¾"-8"	16,500	33,000	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	X or XS Model	Swivel Size
A	5/16"	F	3/8"
B	3/8"	G	1/2"
C	3/8"	H	1/2"
D	3/8"	I	1/2"
E	3/8"	J	1/2"

X-HDFE Grips, Standard HD Models

Uncoated Aircraft Galvanized Wire,
Heavy-Duty, Color Coded



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-½-¾	½"-¾"	Yellow	2,400	7,200	42"	8"
X-HDFE-¾-1¼	¾"-1¼"	Black	5,700	17,100	48"	9"
X-HDFE-1¼-2	1¼"-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 Models Standard & HD

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 </td <td>24"</td> <td>6.5"</td>	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-SDW Standard & Short

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"-¾"	500	1,000	10"	4"
X-50-SW-14	½"-¾"	500	1,000	14"	4"
X-50-DW-10	½"-¾"	1,000	2,000	10"	4"
X-50-DW-14	½"-¾"	1,000	2,000	14"	4"
X-62-SW-12	¾"-1"	500	1,000	12"	4"
X-62-SW-16	¾"-1"	500	1,000	16"	4"
X-62-DW-12	¾"-1"	1,000	2,000	12"	4"
X-62-DW-16	¾"-1"	1,000	2,000	16"	4"
X-75-SW-14	¾"-1½"	1,000	2,000	14"	5"
X-75-SW-20	¾"-1½"	1,000	2,000	20"	5"
X-75-DW-14	¾"-1½"	2,000	4,000	14"	5"
X-75-DW-20	¾"-1½"	2,000	4,000	20"	5"
X-100-SW-14	¾"-1½"	1,000	2,000	14"	6"
X-100-SW-20	¾"-1½"	1,000	2,000	20"	6"
X-100-DW-14	¾"-1½"	2,000	4,000	14"	6"
X-100-DW-20	¾"-1½"	2,000	4,000	20"	6"
X-112-SW-14	1"-1½"	1,000	2,000	14"	6"
X-112-SW-20	1"-1½"	1,000	2,000	20"	6"
X-112-DW-14	1"-1½"	2,000	4,000	14"	6"
X-112-DW-20	1"-1½"	2,000	4,000	20"	6"
X-162-SW-16	1"-2½"	1,000	2,000	16"	7"
X-162-SW-22	1"-2½"	1,000	2,000	22"	7"
X-162-DW-16	1"-2½"	2,000	4,000	16"	7"
X-162-DW-22	1"-2½"	2,000	4,000	22"	7"
X-250-SW-18	2"-3½"	1,800	3,600	18"	8½"
X-250-SW-24	2"-3½"	1,800	3,600	24"	8½"
X-250-DW-18	2"-3½"	3,000	6,000	18"	8½"
X-250-DW-24	2"-3½"	3,000	6,000	24"	8½"
X-350-SW-20	3"-4½"	1,800	3,600	20"	8½"
X-350-SW-24	3"-4½"	1,800	3,600	24"	8½"
X-350-DW-20	3"-4½"	3,000	6,000	20"	8½"
X-350-DW-24	3"-4½"	3,000	6,000	24"	8½"
X-450-SW-22	4"-5½"	1,800	3,600	22"	10"
X-450-SW-28	4"-5½"	1,800	3,600	28"	10"
X-450-DW-22	4"-5½"	3,600	7,200	22"	10"
X-450-DW-28	4"-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"-¾"	500	1,000	10"	4"
XS-50-SW-14	½"-¾"	500	1,000	14"	4"
XS-50-DW-10	½"-¾"	1,000	2,000	10"	4"
XS-50-DW-14	½"-¾"	1,000	2,000	14"	4"
XS-62-SW-12	¾"-1"	500	1,000	12"	4"
XS-62-SW-16	¾"-1"	500	1,000	16"	4"
XS-62-DW-12	¾"-1"	1,000	2,000	12"	4"
XS-62-DW-16	¾"-1"	1,000	2,000	16"	4"
XS-75-SW-14	¾"-1½"	1,000	2,000	14"	5"
XS-75-SW-20	¾"-1½"	1,000	2,000	20"	5"
XS-75-DW-14	¾"-1½"	2,000	4,000	14"	5"
XS-75-DW-20	¾"-1½"	2,000	4,000	20"	5"
XS-100-SW-14	¾"-1½"	1,000	2,000	14"	6"
XS-100-SW-20	¾"-1½"	1,000	2,000	20"	6"
XS-100-DW-14	¾"-1½"	2,000	4,000	14"	6"
XS-100-DW-20	¾"-1½"	2,000	4,000	20"	6"
XS-112-SW-14	1"-1½"	1,000	2,000	14"	6"
XS-112-SW-20	1"-1½"	1,000	2,000	20"	6"
XS-112-DW-14	1"-1½"	2,000	4,000	14"	6"
XS-112-DW-20	1"-1½"	2,000	4,000	20"	6"
XS-162-SW-16	1"-2½"	1,000	2,000	16"	7"
XS-162-SW-22	1"-2½"	1,000	2,000	22"	7"
XS-162-DW-16	1"-2½"	2,000	4,000	16"	7"
XS-162-DW-22	1"-2½"	2,000	4,000	22"	7"
XS-250-SW-18	2"-3½"	1,800	3,600	18"	8½"
XS-250-SW-24	2"-3½"	1,800	3,600	24"	8½"
XS-250-DW-18	2"-3½"	3,000	6,000	18"	8½"
XS-250-DW-24	2"-3½"	3,000	6,000	24"	8½"
XS-350-SW-20	3"-4½"	1,800	3,600	20"	8½"
XS-350-SW-24	3"-4½"	1,800	3,600	24"	8½"
XS-350-DW-20	3"-4½"	3,000	6,000	20"	8½"
XS-350-DW-24	3"-4½"	3,000	6,000	24"	8½"
XS-450-SW-22	4"-5½"	1,800	3,600	22"	10"
XS-450-SW-28	4"-5½"	1,800	3,600	28"	10"
XS-450-DW-22	4"-5½"	3,600	7,200	22"	10"
XS-450-DW-28	4"-5½"	3,600	7,200	28"	10"

X-Series Models L & M Duty



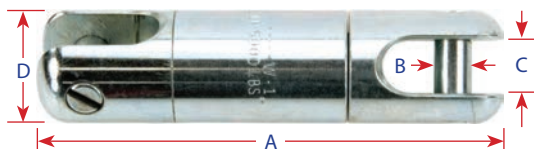
Swivels - Standard & Directional Boring

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	5 3/8"	7/16"	5/8"	1 1/8"
W-2	5,400	16,200	6 1/2"	1/2"	7/8"	1 1/8"
W-3	12,000	36,000	7 3/8"	3/8"	1"	2"
W-4	15,000	45,000	8 3/4"	3/4"	1 1/4"	2 1/4"

HD Heavy-Duty



Part No.	WL lbs.	UTS lbs.	A	B	C	D
HD-00	1,500	4,500	4 1/8"	5/16"	3/8"	7/8"
HD-0	5,400	16,200	5 1/4"	7/16"	1/2"	1 1/8"
HD-1	9,000	27,000	6"	1/2"	5/8"	1 7/16"
HD-2	12,000	36,000	7 1/8"	3/8"	5/8"	1 3/8"
HD-3	21,000	63,000	8 3/8"	3/4"	3/4"	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	4 1/4"	5/16"	3/8"	7/8"
HD-0-S	5,400	16,200	5 3/8"	7/16"	1/2"	1 1/8"
HD-1-S	9,000	27,000	6 1/8"	1/2"	5/8"	1 7/16"
HD-2-S	12,000	36,000	7 3/8"	3/8"	5/8"	1 3/8"

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"	1/2"	1 1/8"
HD-1-S-Z	9,000	27,000	6 3/8"	1/2"	5/8"	1 7/16"
HD-2-S-Z	12,000	36,000	7 3/4"	5/8"	5/8"	1 3/8"
HD-3-S-Z	21,000	63,000	9"	3/4"	3/4"	2"
HD-4-S-Z	30,000	90,000	10 1/4"	7/8"	7/8"	2 3/8"



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 W, HD, HD-S & HD-S-Z

Swivel - Directional Boring, High Test

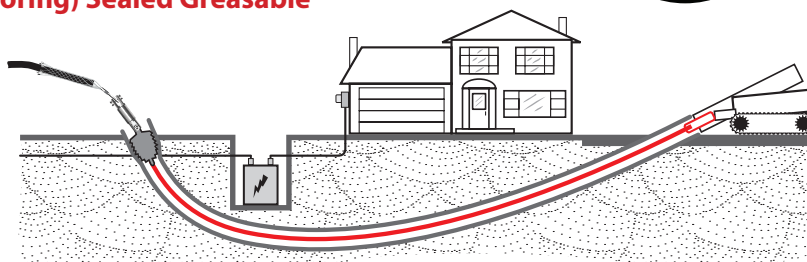
Greasable with Protected Grease Zerk, Heavy-Duty



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.

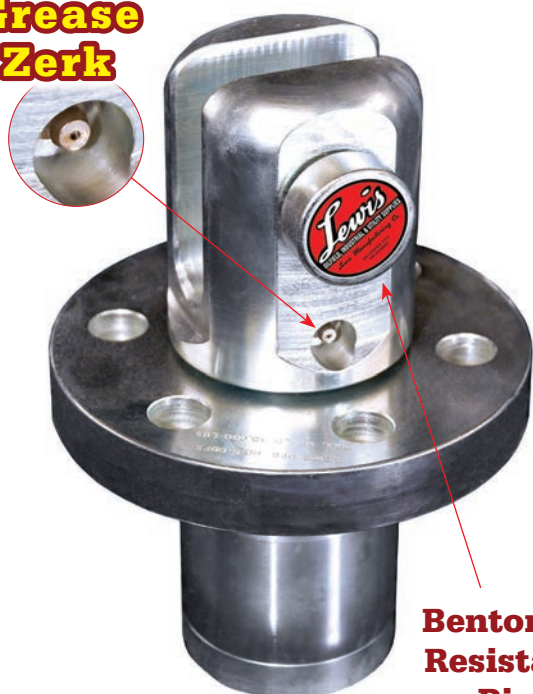


- ✪ Patented 2-stage sealing system with debris expulsion and self-clearing wedge action!
- ✪ Triple roller bearing, thrust and alignment system with Timken and Roller bearings for incidental side loads.
- ✪ **PROTECTED GREASE ZERK** for simultaneous greasing, purging and cleaning of interior.
- ✪ Clevis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

HD-DBFS Flange Swivel

For Cable Pull Back

Grease Zerk



Part No. HD-5-DBFS

Bentonite Resistant Pin



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	1 3/8"	1 1/2"

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	15 1/2"	1"	1"	3 1/4"	4 1/2"
HD-5-DBS	30,000	150,000	17 3/4"	1"	1"	4"	5 3/8"
HD-6-DBS	50,000	250,000	19"	1 3/8"	1 1/2"	4 1/2"	6"
HD-7-DBS	60,000	300,000	22 1/4"	1 1/2"	1 1/2"	5 1/4"	7"
HD-8-DBS	80,000	400,000	27"	2"	1 3/4"	6"	7 1/2"



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.

SWIVELS HD-DBS & HD-DBFS



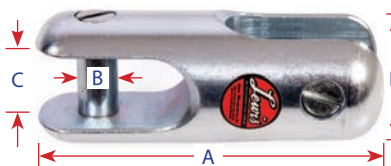
Links, Toggles & Knuckle Joint

Connectors, Breakovers and Duckbill Swivel Joint

L Series Link

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	3 3/4"	7/16"	5/8"	1 1/32"
LW-2	5,400	16,200	4 1/4"	1/2"	7/8"	1 3/8"
LW-3	12,000	36,000	4 7/8"	5/8"	1"	2"
LW-4	15,000	45,000	6 1/8"	3/4"	1 1/4"	2 1/4"

LHD Series Link, Heavy-Duty						
Part No.	WL lbs.	UTS lbs.	A	B	C	D
LHD-0	5,400	16,200	3 3/4"	7/16"	1/2"	1 1/8"
LHD-1	9,000	27,000	3 3/4"	1/2"	1/2"	1 3/8"
LHD-2	12,000	36,000	4 3/4"	5/8"	5/8"	1 3/8"
LHD-3	21,000	63,000	5 1/4"	3/4"	3/4"	2"
LHD-4	30,000	90,000	6 1/4"	7/8"	7/8"	2 3/8"

T Series Swivel Toggle

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	2 3/4"	7/16"	5/8"	1 1/32"
TW-2	5,400	16,200	3 3/8"	1/2"	7/8"	1 3/8"
TW-3	12,000	36,000	4 1/4"	5/8"	1"	2"
TW-4	15,000	45,000	5"	3/4"	1 1/4"	2 1/4"

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"	1/2"	1 1/8"
THD-1	9,000	27,000	3 1/2"	1/2"	1/2"	1 3/8"
THD-2	12,000	36,000	4 1/4"	5/8"	5/8"	1 3/8"
THD-3	21,000	63,000	5 1/8"	3/4"	3/4"	2"
THD-4	30,000	90,000	6 1/8"	7/8"	7/8"	2 3/8"

LKJ-1 Lewis Knuckle Joint

For Pull Back Operation

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

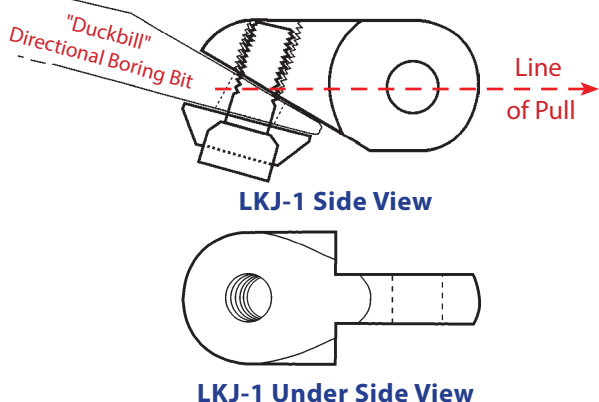
Prior to the LKJ-1, connecting ball bearing swivel to a duck bill bit caused the swivel to protrude at an angle that caused premature wear and tear on both the swivel and the bit, but

LKJ-1 Has SOLVED that Problem!



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

Link rotates to allow for correct angle when pulling back.



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.

PATENT PENDING

Swivels LW, LHD, TW, THD & LKJ-1



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"-¾"	350	1,000	6"
JL37	¾"-1½"	350	1,000	8"
JL50	½"-¾"	400	1,250	10"
JL62	¾"-¾"	400	1,250	12"
JL75	¾"-1"	500	1,500	14"
JL100	1"-1¼"	500	1,500	16"

Note: Grips are also available separately.



Part No. JL50

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

Case provides a secure place to store Lewis grips and swivels. Constructed of heavy-duty plastic coated canvas with zipper closures. Plastic-lined pockets snap shut for swivels. Case is mildew and water resistant for years of use.



GRIPS NOT INCLUDED

Grip Kits JL & XS JL-R



Miscellaneous Hardware

Used for Fabricating Rope and Belting Items

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.



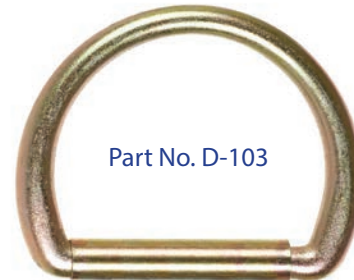
Swing Link Open



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"	1 1/8"	5/8"	-	3/8"
	6"	1 3/8"	7/8"	-	½"
Eye & Eye	3¾"	¾"	-	-	¼"
	4"	15/16"	-	-	5/16"
	4 7/8"	1 1/8"	-	-	3/8"
	6 ¼"	1 3/8"	-	-	½"
Swing Link	2 ¼"	7/16"	-	-	5/16"
	3 3/32"	17/32"	-	-	7/16"
	3 1/16"	9/16"	-	-	9/16"
D-102	-	15/16"	-	1"	1/8"
D-103	-	1 1/8"	-	2"	3/8"
D-104	-	2 5/8"	-	3"	3/8"
S-302	5 3/4"	1"	-	1"	3/8"

"D" Rings



Part No. D-103

Locking Rope Snap



Part No. S-302

Misc. Hardware



Custom Designed Grips for Your Needs

How about a PENTA Weave with 22,675 lb. Work Load?



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 design.

DLE-HDFE Model, Penta Weave

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

Stainless Steel, Penta Weave, & with 22,675 lb. Work Load.

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.



Custom Designed Grips

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"



Fall Arrest Harnesses

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

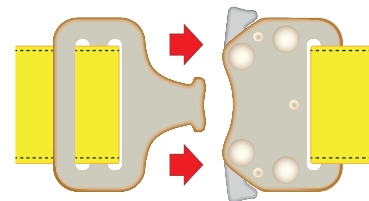
Lewis Fall Arrest Harnesses are made of light weight but Heavy-Duty High-Visibility Yellow Nylon. Their "rappelling" style leg straps improve both comfort and fit!

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.



Featuring Quick-Release Buckles in Chest & 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.



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

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

Max. Work Load 300 lbs.



Part No. FW-3

Fall Arrest Harness 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.

Meets or Exceeds ANSI/ASSE Z359.1-2007

NOT ARC FLASH RESISTANT

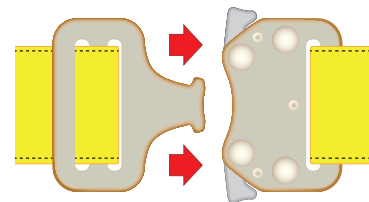


The **FW-5 is similar to FW-3** but has two additional D-Rings located on the left and right sides of the belt. The side rings along with one rear D-ring on the back of the belt, provide well placed leverage points while

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.

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

Max. Work Load 300 lbs.



Featuring Quick-Release Buckles in Chest & Leg Straps



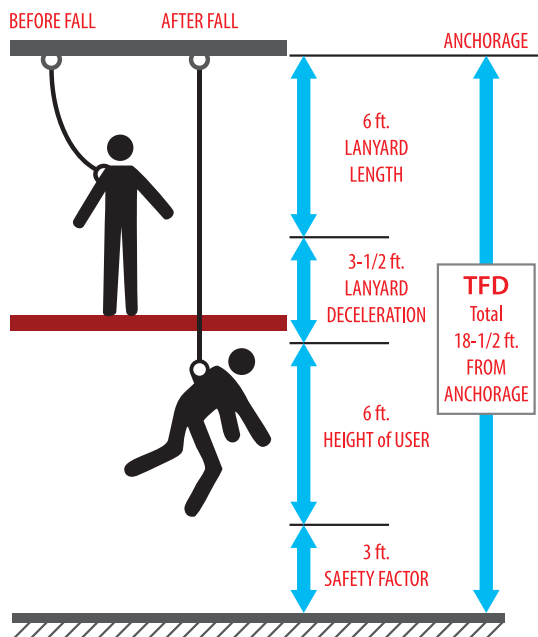
NOTE: All Lewis Fall Arrest Harnesses Can Be Ordered With **11" Tail** which provides quicker, easier access to D-rings when connecting a tail rope high on a drilling rig. When placing your order, just add "UT" for "Upper Tail" on the shoulder-level D-ring or "LT" for "Lower Tail" on the waist level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



$$\text{TFD} = \text{Length of Lanyard and/or Lifeline} + \text{Deceleration Distance} + \text{Height of User} + \text{Safety Factor}$$

Example in the figure at left:

Length of Lanyard = 6'

Lanyard Deceleration Distance = 3½'

Height of User = 6'

Safety Factor = 3'

$$\text{TFD} = 6 + 3.5 + 6 + 3 = \mathbf{18.5 \text{ ft.}}$$

Fall Arrest Harness FW-5



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**.

Other Fall Arrest Harnesses

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 Boatwain's Riding Belt, Monkey Board Belt

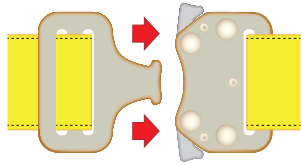
HCB-B, FA Harness, 4 D-Rings



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.



3 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



USE WITH OR WITHOUT THE SEAT BOARD

Derrick Belts

M, Monkey Board Belt

Work Positioning, Must Be Used with a Harness



M is an oilfield **Monkey Board Belt** to be for work positioning along with a harness. Monkey Board Belt is made 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



Lanyards & Anchors

SLOWSTOP™ Deceleration, Retractable Lanyard, Anchor

SLOWSTOP™ 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

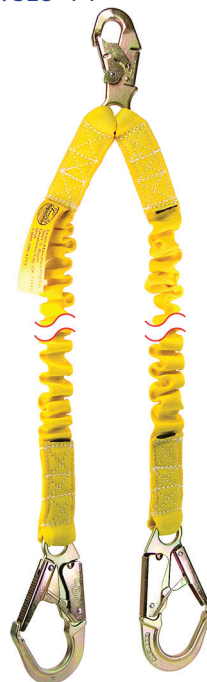


A **Retractable Lanyard** provides a means of **WORK POSITIONING** for the user. Both model types are made of 1¼" yellow nylon tube webbings, with heavy-duty retractable insert to draw slack from a lanyard to minimize trip hazard.

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.

- Lewis Manufacturing does not assume any liabilities for accident or injuries resulting from a field repaired or altered belt or lanyard.
- 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.
- Do not expose any Lewis Lanyard to any heat source as this could damage the webbing and create a fall hazard.
- 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.
- 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.
- 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



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



SLOWSTOP™ Fall Decelerator

Steel Tail Rope



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.

Extension Tail & Tail Ropes

Lewis Canvas Products

Rowdy's Got You Covered!™



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:

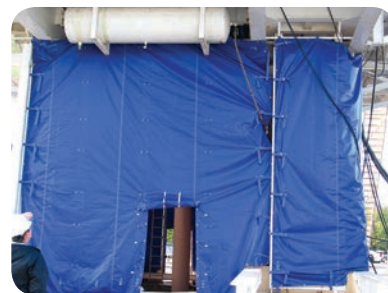
Sun, Rain, Snow, Ice, Wind, & Hail

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 Conveyor 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

Lewis Canvas Products





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.

Shed & Equipment Covers



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

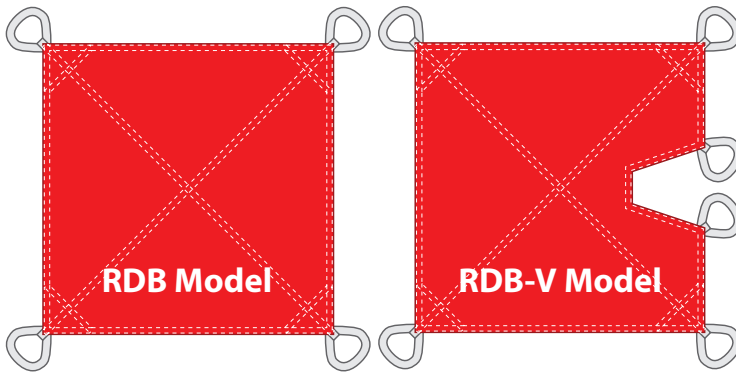
Rowdy's DirtBall™ Jobsite Debris Tarps

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:



⚠ 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



⚠ DANGER FALLING OBJECTS



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

ROWDY'S DIRTBALL™



Jobsite Debris Tarp — Continued

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

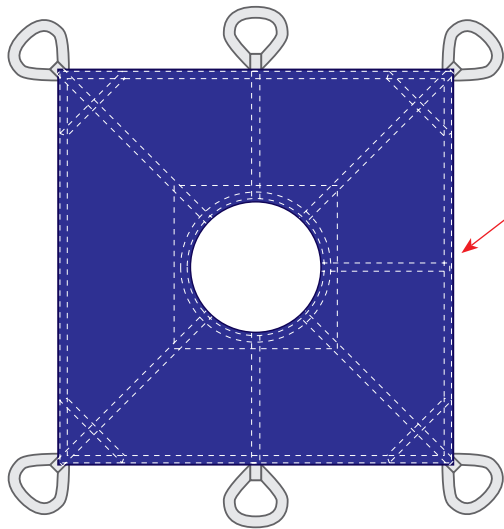
Rowdy's Auger Tarp

Jobsite Debris Tarp

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**.

Rowdy's Auger Tarp

Maximum Work Load 1000 lbs.



WATCH VIDEO

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:

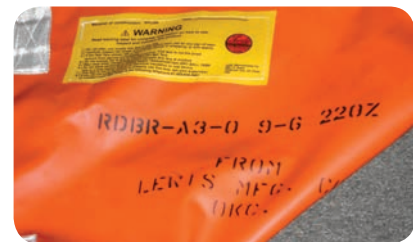


WARNING DROP/CRUSH HAZARD, Never stand under Rowdy's DirtBall™ or Auger Tarp when moving dirt or debris.

DO NOT EXCEED the recommended Maximum Work Load



DANGER FALLING OBJECTS



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

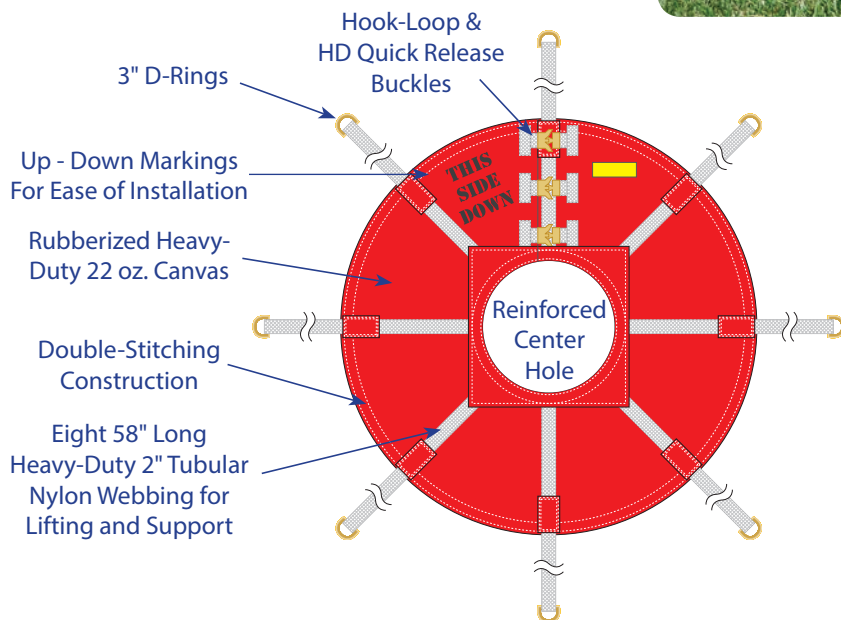
Rowdy's ROUNDUP Auger Tarp

Jobsite Debris Tarp

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:



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



DANGER FALLING OBJECTS



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

ROWDY'S ROUNDUP AUGER TARP



LEWIS BULK-BAG™

Hi-Capacity, Heavy-Duty, 3000 lbs. Load Capacity

Hi-Capacity, Heavy-Duty, 3000 lbs.

Lewis Bulk-Bag

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



2" Rim Webbing Reinforcement

Easily Moved With a Forklift Truck



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

Providing 47 cubic feet of storage to keep your valuable gear organized and help reducing loose parts & gear trip hazards. Also it is excellent for debris removal or storage.

LEWIS BULK-BAG SPECIFICATIONS:

- ✦ Heavy-Duty 22 oz. Vinyl-Coated Nylon
- ✦ 3000 lbs. Maximum Load Capacity
- ✦ Bag measures 44" x 44" x 42" high with a volume of 47 cubic feet or 1.74 cubic yards
- ✦ 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**

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

Maximum Work Load 3000 lbs.

⚠ WARNING

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

1. **STAY CLEAR WHEN TRANSPORTING A LOADED BULK BAG.**
2. Do not allow personnel or equipment beneath the bulk bag at any time, this is a **DROP/CRUSH HAZARD**.
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 or tears or if it has 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.



DANGER
FALLING OBJECTS



WARNING
NOT A PERSONNEL LIFT

LEWIS BULK-BAG™



Custom Designed Truck Trailer Canvas

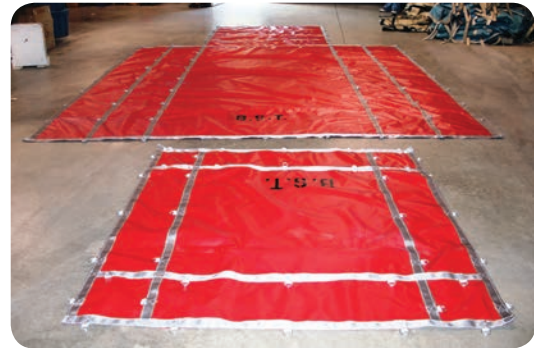
Road Tested, Hevy-Duty, Rubberized — Curbside Service

Truck Trailer Canvas

Custom Made For Specific Cargo or to Your Specs.

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. You can select 14, 18 or 22 oz. waterproof canvas. Custom markings are available, specify when ordering.



Curbside Service, Two Locations — Have your canvas job measured and quoted. You can pull your rig in for curbside service! This ensures that your canvas will fit perfectly the first time. Select the type of hardware you want on your canvas for a true custom tarp. The two locations are also handy when repairs are needed in a minimum amount of time.



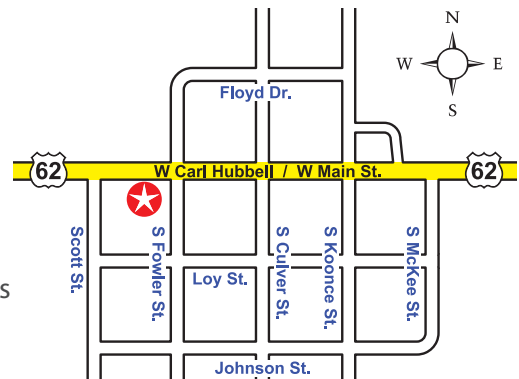
Please Call

To Schedule an Appointment

**Call Toll Free
888-398-4719**

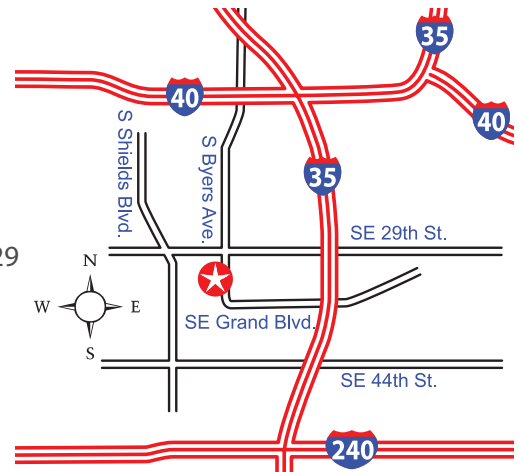
Meeker, Oklahoma

705 West Carl Hubbell Blvd.
Meeker, Oklahoma 74855
Main Order Location for Canvas
Tel: 405-279-3514



Oklahoma City, Oklahoma

3601 S. Byers Ave.
Oklahoma City, Oklahoma 73129
Tel: 405-634-5401
Toll Free: 888-398-4719



Truck Trailer Custom Canvas



Rig Top Drive Hose Covers

Custom-Made KELLY HOSE Bundle Keeper Covers for your Rig

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.

FAST DELIVERY



Hook-Loop Strips for Strap Retention



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:



⚠ 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.

TOP DRIVE HOSE COVERS





Rotary Table Skirt for Drilling Rigs

Dropped-Tool Barrier that Saves You \$

Rotary Table Skirt for Drilling Rigs

Heavy-Duty, Waterproof Nylon



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



Prevent it With a Rotary Table Skirt



Dropping a tool or an object down the hole of a drilling rig leads to an expensive shut down to retrieve the tool.

Lewis Rotary Table Skirt is designed to be used as a **Dropped-Tool Barrier**. 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
90-2033	6' Dia.	Yes	22 oz.	5"	Specify

FEATURES / SPECIFICATIONS:

- ★ Tough Heavy-Duty 22 oz. Waterproof Nylon
- ★ 6' Overall 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

Available Colors:



ROTARY TABLE SKIRT



Drip-Pan Canvas & Fire Extinguisher Splash Covers

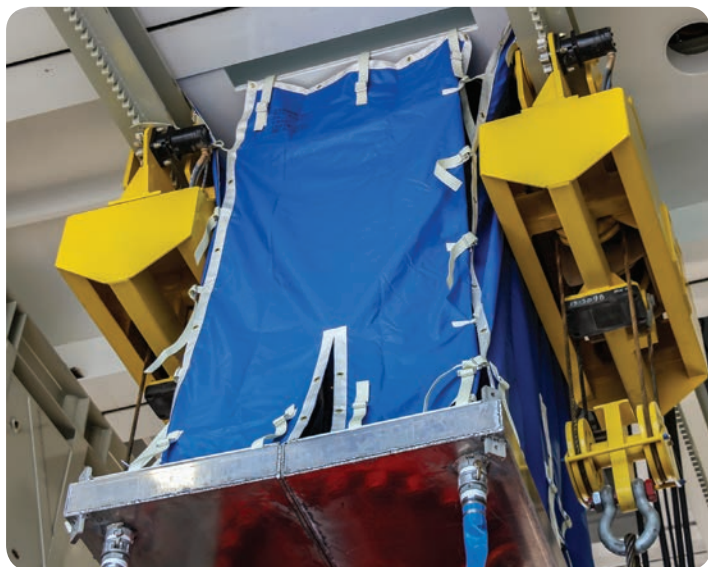
Help Keeping Your Rig Clean!

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 for easy removal.
- ★ Top Lifting Loop
- ★ Open Bottom
- ★ Hook-Loop Tightening Strap



Drip-Pan & Fire Extinguisher Cover



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



Derrick Light Safety Cables

Reduce Derrick Light Drop-Hazard Potential

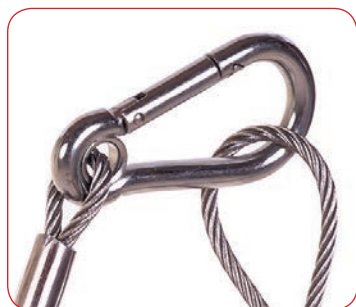
DLSC-1 & DLSC-2SS

Now in Galvanized & Stainless Steel

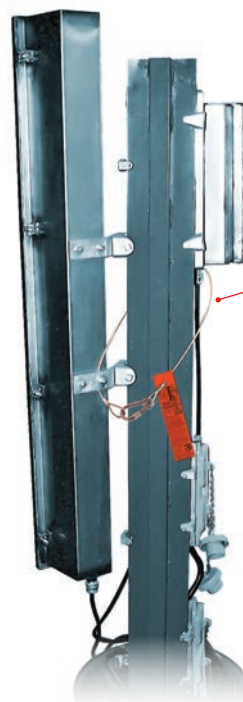
Derrick Light Safety Cable is a reliable way to protect against the potential drop hazard of a derrick light.



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



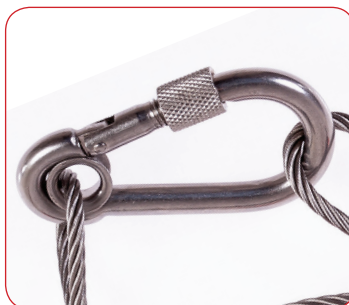
DLSC-1

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

Warning Tag

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 new **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



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

- To avoid a drop hazard, DO NOT install Derrick Lights while personnel are below.
- Inspect safety cables frequently. Remove frayed or corroded cables from service Immediately.
- Inspect snap swivels frequently. Snaps that have malfunctioning springs, corroded hardware or distorted hardware should be removed and replaced immediately.
- Any safety cable that has been involved in a derrick light bracket failure should be removed from service and replaced with a new unit.
- 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.
- 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



DANGER FALLING OBJECTS

Derrick Light Safety Cables



LEWIS WEB SLINGS & TAG LINE

Nylon Web Slings For Heavy-Duty Lifting, Tag Lines for Load Handling

Lewis Slings & Tag Lines

Lewis Sling

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"

RFID Options	Description
Blank	None
R	Include

Ply Options	Description
1	1 Ply
2	2 Ply

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
SLING & TAG LINE PRODUCTS
ARE NOT RETURNABLE!**

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. 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	1 3/4" Self Locking, 5,000 lbs. WL	1" Nylon, 7,500 lbs. WL



READ THIS WARNING & PRODUCT WARNING BEFORE USING.

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.



Premium Steel Targets

AR500 & Mild Steel Targets for Training, Competition & Sport



A Unique Approach to Making Steel Targets!

Lewis Manufacturing has been producing high quality American made products for the Oil and Utility Industries **Since 1936**.

One of the major products manufactured by Lewis Friction is large steel oilrig brake bands cut and fabricated using the **Waterjet Cold Cutting** method that creates strong and warp-free steel brake bands.



In 2008 a few key personnel at Lewis Manufacturing, whom have been life-long shooting enthusiasts, realized the potential for applying the company's years of expertise and know-how in working with steel to creating targets for the sport of shooting. So...

RangeMaster Rowdy™ Steel Targets Was Born!

Key Features Of RangeMaster Rowdy™ Steel Targets



Waterjet Cold Cutting Causes No Warping or Softening of the Steel & Leaves Smooth Edge.



Knock-Down Stands are Standard on Many of Models to Provide Easy Transport & Storage.



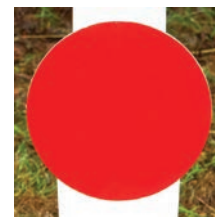
AR500 for Heavy-Duty Large Volume Shooting. Mild Steel for Impact Absorption.



Reactive Targets' Flappers for Audible and Visual Impact Feedback & Effective Bullet Trapper.



Bullet Splitter is a Standard Safety Feature on many of our Target Stands.



Easy Maintenance & can be Re-Painted On-site Quickly for Impact Recognition.



AR500 Steel & Mild Steel

Shooting Safety First

Let's All Go Home Safe & Happy!



SAFETY FIRST!

Have Fun & Then Go Home!

By RANGEMASTER Rowdy™



Premium Steel Targets

⚠️ WARNING

READ THIS WARNING & PRODUCT WARNING BEFORE USING.

1. Always Maintain shooter's **Minimum Safe Distance** of:

30 Feet For Handguns



← Minimum 30 Feet →



50 Yards For Rimfire Rifles



← Minimum 50 Yards →



150 Yards For Centerfire Rifles



← Minimum 150 Yards →



Shooter shall not get closer than these distances to any Lewis Targets.
All others should stay behind the line of fire.

2. Always wear approved safety glasses & ear protection when shooting or observing shooting at any Lewis Target.
3. Never fire a gun under the influence of alcohol or drugs.
4. To reduce the likelihood of (a) bullet ricochet, DO NOT USE jacketed ammunition.
5. All shooters must be trained & qualified in the proper and safe use of firearms.
6. Minors shooting at targets must do so under proper and qualified adult supervision.
7. Always inspect the targets before & after use for proper and safe operation. Do not use a target if any damage or improper operation is found.

⚠️ CAUTION

Hardened Steel (such as AR500 Steel) Plates CAN NOT Accept Rounds Faster Than 3000 fps Ammo.

Please Select Your Ammo Carefully or You Will Damage the Targets.



VIDEOS

Watch Action Videos of Many of the Targets on Our YouTube Channel
<https://www.youtube.com/user/LewisMfg>





Torso Steel Targets

AR500 Hard Steel, Mild Steel, with & without Flappers

Torso Targets

Per USPSA Specifications

One of our best selling targets for overall Training and Practice.

Our popular **Torso Targets** are available with or without the "A" zone flappers that are good for visual & audible feedback. If provided, the flapper is hinged at the top and is designed to swing back on impact.

Model 4021 is a **3/4 Torso** model (includes zones A & C) and does not have any flappers. This target is made of 3/8" AR500 steel.

Model 4037 has **4 Flappers** (2 zone "A" and two 5" round below) and is made of 3/8" AR500 steel.



Model 4037, with 4 Flappers



Watch the Target's Action Video on **YouTube**

RangeMaster Rowdy™ Torso Targets					Recommended		
Part No.	Material	Flapper	Size	Weight	Gun	Ammo	Magnum
4008	5/16" Mild Steel	0	5' 6"	83 lbs.			
4045	3/8" AR500	0	5' 6"	92 lbs.			
4009	5/16" Mild Steel	2	5' 6"	89 lbs.			
4046	3/8" AR500	2	5' 6"	98 lbs.			
4019	1/2" AR500	2	5' 6"	114 lbs.			
4037	3/8" AR500	4	5' 6"	125 lbs.			
4021	3/8" AR500	0	5' 3"	71 lbs.			



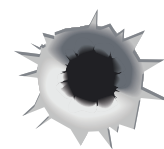
Model 4021, Note the knock-down Stand



Bullet-Splitter Stands

All torso targets come standard with removable square tubing stand that knocks-down for easy storage and transport. The stands have bullet splitter feature on front for years of use.

The targets can be easily re-painted onsite for easy shot pattern identification.



USPSA Torso Steel Targets



Hostage Torso & The GONG Targets

For Competition & Training



Hostage Torso

3/4 Torso, 3/8" AR500 Hard Steel

Popular for competition & Tactical Training

Hostage Torso target is made with 3/8" thick AR500 steel. It is a **3/4 Torso** with a second head that swings from one side to other upon being hit. This target employs heavy-duty construction and hinges for long life and excellent performance.



Swinging Head with its Heavy-Duty Construction



MINIMUM 30 FEET

The hostage target comes standard with knock-down stand and be easily re-painted for easy shot pattern identification.

RangeMaster Rowdy™ Hostage Torso				Recommended		
Part No.	Material	Size	Weight	Gun	Ammo	Magnum
4025	3/8" AR500	5' 3"	76 lbs.			

The GONG Target

20" Diameter, 3/8" AR500 Hard Steel

Great for Long Range Rifle Shots

The 20" diameter **Gong Steel Target** itself is made of 3/8" thick AR500 steel. The target stand employs heavy-duty construction for long life and excellent performance.

The Gong target comes standard with removable square tubing stand featuring bullet splitter on side risers.

The target can be easily re-painted for shot pattern identification.



MINIMUM 150 YARDS

RangeMaster Rowdy™ The GONG				Recommended		
Part No.	Material	Size	Weight	Gun	Ammo	Magnum
4079	20" Diameter, 3/8" AR500	41" T 31" W	103 lbs.			

CAUTION

Hardened Steel (such as AR500 Steel) Plates CAN NOT Accept Rounds Faster Than 3000 fps Ammo.

Please Select Your Ammo Carefully or You Will Damage the Targets.



HOSTAGE TORSO & THE GONG



Dueling Tree / Shooting Tree

Dueling fun for 2 or more shooters

Dueling Tree AR500 Hard Steel & Mild Steel

Fast, Fun & Crazy!

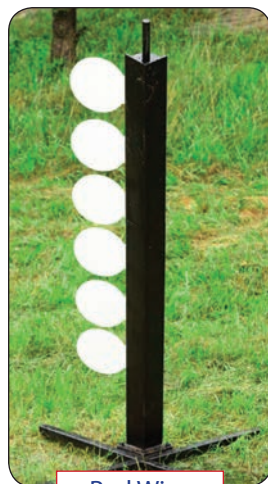
The **Dueling Tree** (a.k.a. **Shooting Tree**) offers two or more shooters the ability to compete against each other to see who is the fastest by moving one's targets to the other side while the opponent is doing the same. **First shooter with no targets left is the WINNER!**

Dueling / Shooting Tree

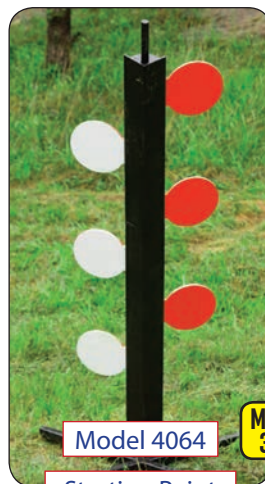
DRAW!

Dueling Tree models with **8" targets** are designed for handgun use.

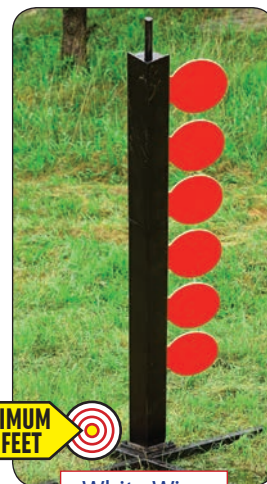
***ARMORED** — Model 4065 is armored with AR500 steel in front of its stand. This model is suitable for any handgun other than Magnums.



Red Wins



Model 4064 Starting Point



White Wins

MINIMUM 30 FEET

RangeMaster Rowdy™ Dueling Tree Targets					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4064	5/16" AR500	Six 8"	5' 6"	124 lbs.			
4065	5/16" AR500 *ARMORED	Six 8"	5' 6"	209 lbs.			



Dueling Tree, Rimfire

Mild Steel for Rimfire Rifle & Handgun

We also offer the **Dueling Tree Targets** for **Rimfire** Rifles and Handguns.

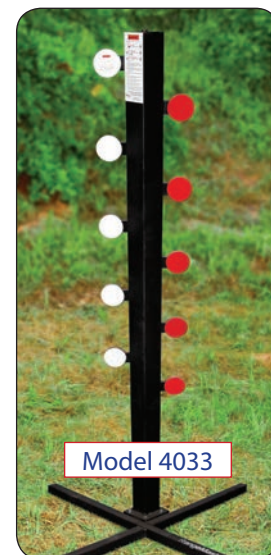
The target plates on rimfire targets are 3" in diameter and are made of mild steel. These targets are available in **Six Plate** and **Ten Plate** models.

MIN. 30 FT
MIN. 50 YD



Model 4023

RangeMaster Rowdy™ Dueling Rimfire					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4023	5/16" Mild Steel	Six 3"	3' 0"	43 lbs.			
4033	5/16" Mild Steel	Ten 3"	5' 8"	81 lbs.			



Model 4033



Steel Challenge Targets

Eight different sets — Popular for competition



Steel Challenge

3/8" AR500 Hard Steel Targets

Popular for competition

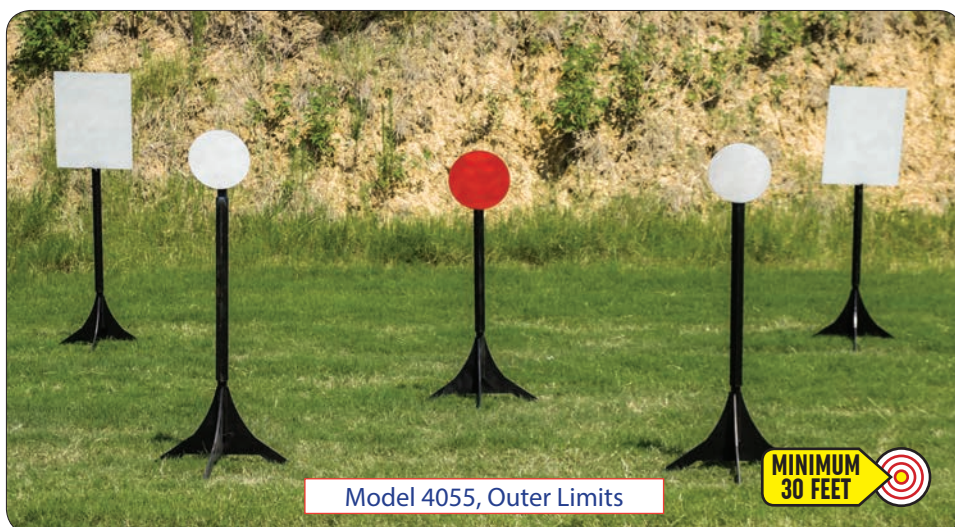
There are eight different **Steel Challenge** target sets. Each set has 5 targets. Based on the model designation of each set, the 5 target combinations are chosen from the following basic 3 target types:

- ★ **Round 10" Diameter**
- ★ **Round 12" Diameter**
- ★ **Rectangle 18" x 24"**

Each specific set has at least one **Red** target. Each Steel Challenge target set is identified by a unique names as shown in the table below.

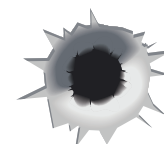
All of the Challenge targets are made with 3/8" AR500 Hard Steel and come standard with removable square tubing stand that knocks-down for easy storage and transport.

The stands have bullet splitter feature on front. The targets can be easily re-painted for easy shot pattern identification.



Model 4055, Outer Limits

RangeMaster Rowdy™ Steel Challenge Targets									Recommended		
Part No.	Model Name	Material	10" White	12" White	12" Red	18" x 24" White	Stands Included	lbs. Total Weight	Gun	Ammo	Magnum
4058	Show Down	3/8" AR500	2	-	1	2	Yes	364			
4056	Pendulum	3/8" AR500	2	2	1	-	Yes	312			
4053	Accelerator	3/8" AR500	1	1	1	2	Yes	368			
4055	Outer Limits	3/8" AR500	-	2	1	2	Yes	372			
4060	Speed Option	3/8" AR500	-	3	1	1	Yes	364			
4059	Smoke & Hope	3/8" AR500	-	-	1	4	Yes	424			
4054	Five to Go	3/8" AR500	4	-	1	-	Yes	304			
4057	Roundabout	3/8" AR500	-	4	1	-	Yes	320			
4050	10" Target	3/8" AR500	1	-	-	-	No	28			
4051	12" Target	3/8" AR500	-	Option	Option	-	No	33			
4050	18" x 24" Target	3/8" AR500	-	-	-	1	No	58			



STEEL CHALLENGE

Plate Racks

VIDEO ONLINE LINK



Large (Handgun) and Small (Rimfire Rifle) Plates

Large Plate Rack 8" Plates, Handgun, Rope-Pull Remote Reset

Essential part of many target ranges.

Standard **Large Plate Rack** Steel Targets are for fast shooting. Knock over all six targets and then easily **reset** them from your shooting distance with a **pull of a rope**. No need to walk over to the target.

Large Plate Rack has six 8" target plates made of 5/16" mild steel or AR500 Steel and is designed for **Handgun**. The target's stands have **bullet splitter** feature and the front of the racks slant downward for safety.



RangeMaster Rowdy™ Large Plate Rack					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4068	5/16" AR500	Six 8"	72" W x 52" T	185 lbs.			
4011	5/16" Mild Steel	Six 8"	72" W x 52" T	185 lbs.			



Small Plate Rack 3" Plates, Rimfire, Rope-Pull Remote Reset

Small Plate Rack Steel Target is designed for **Rimfire** rifle or handgun action. The plates can be easily **reset** from your shooting distance with a **pull of a rope**.

Small Plate Rack has six 3" target plates made of 5/16" mild steel. The target's stands have **bullet splitter** feature and the front of the racks slanted downward.

Small Plate Rack					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4022	5/16" Mild Steel	Six 3"	3' T	92 lbs.			



Dueling Plate Rack 3" Plates, Rimfire, Dueling Fun, Remote Reset



Dueling Plate Rack is for two shooters dueling each other using **Rimfire** rifle or handgun. The plates can be **reset** with a **pull rope**.

Dueling Plate Rack has fourteen 3" target plates made of 5/16" mild steel.



Dueling Plate Rack					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4036	5/16" Mild Steel	Fourteen 3"	7' W x 41" T	225 lbs.			



Plate Rack / Dueling Plate





Gravity Plate Rack

Rifle Training & Practice

Gravity Plate Rack AR500, Rifle Training & Practice

Popular Long Range Targets

Gravity Plate Rack uses six inverted **1/2" AR500** plates that simply hang below the rack main support beam. This is ideal for rifle shooters who don't want to walk down range and reset the paddles.

You have the option of choosing **six 4" or 6"** plates (Other size options are available for custom built, please contact us for information).

All Plate Rack targets are mounted on heavyduty angle iron rack with square tubing stand with bullet splitter design on front for years of use.

The targets can be easily re-painted for easy shot pattern identification.



MINIMUM 150 YARDS



Gravity Plate Rack

Gravity Plate Rack					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4063	1/2" AR500	Six 6"	4' 6" T	205 lbs.			
4062	1/2" AR500	Six 4"	4' 6" T	187 lbs.			



CAUTION

Hardened Steel (such as AR500 Steel) Plates CAN NOT Accept Rounds Faster Than 3000 fps Ammo.

Please Select Your Ammo Carefully or You Will Damage the Targets.





OKIE Rotating Plate Rack

Popular for Police Training and Practice

OKIE Rotating Plate Rack

Rotating 8" Plate Rack

Can You Hit a Moving Target?



Each of the 8" dia. target plates on the **OKIE Target** is held in place by spring tension so when a plate is struck it will fall off the target. The weight of the fallen plate will offset the weight distribution of the remaining plates and this will cause the OKIE to rotate so after the first plate is shot the other plates are moving.

There are 8 plates and each one is 8" round, made of 5/16" thick AR-500 Hard Steel or Mild Steel. The OKIE targets are designed for **handgun** use.

The stand is heavy-duty square tubing with bullet splitter design on front for years of use. The OKIE and its Stand can be separated from each other. The stand uses welded construction and is fixed but comes apart in 2 pieces.

The OKIE target can be easily re-painted for easy shot pattern identification.



Model 4039



Heavy-Duty Sealed Bearings for Long Life



OKIE Rotating Plate Rack

OKIE Rotating Plate Rack					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4039	5/16" AR500	Eight 8"	4' 6" T	225 lbs.			
4027	5/16" Mild Steel	Eight 8"	4' 6" T	225 lbs.			





Shooting Star

Popular for Police Training and Practice

Shooting Star

8" Plates on a Rotating Star



Can You Hit a Moving Target?



The **Shooting Star** has 5 target plates each held to one of its five points by spring tension. When the first plate is struck and it falls off the target, the weight of the fallen plate will offset the weight distribution of the remaining plates and this will cause the Shooting Star to rotate. So after the first plate is shot the other plates are moving.

Each plate is 8" round and it is made of 5/16" thick Mild Steel. The Shooting Star target is designed for **handgun** use.

The stand is heavy-duty square tubing with bullet splitter design on front for years of use. The Shooting Star and its Stand can be separated from each other. The stand uses welded construction and is fixed but comes apart in 2 pieces.

The Shooting Star can be easily re-painted for easy shot pattern identification.

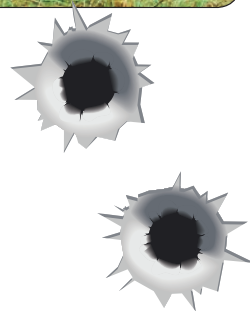


Model 4012

MINIMUM 30 FEET



Heavy-Duty Sealed Bearings for Long Life



RangeMaster Rowdy™ Shooting Star					Recommended		
Part No.	Material	Plates	Size	Weight	Gun	Ammo	Magnum
4012	5/16" Mild Steel	Five 8"	73" T	212 lbs.			



Shooting Star



Popper Targets

Designed per USPSA Specifications for Competition

Standard Poppers Fall Back When Struck, Adjustable, Need Reset

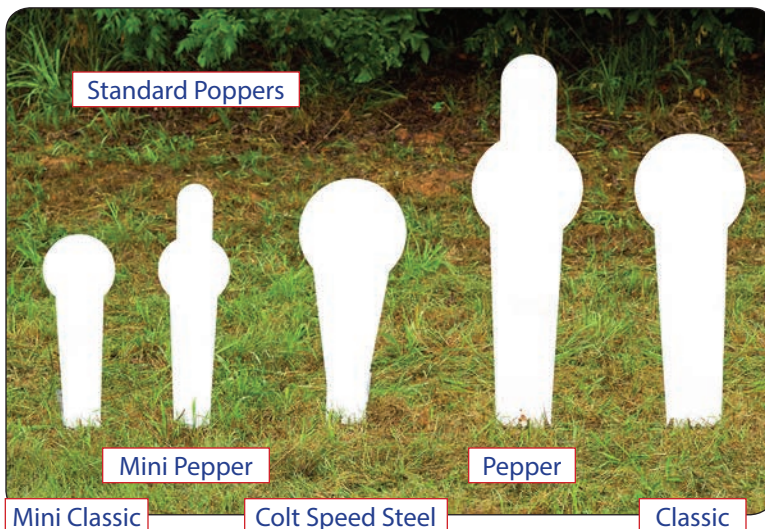
Fun & Easy to Use and Transport

All **Standard Popper Targets** are designed per size specifications of USPSA standards.

The Standard Popper targets are designed to **fall back** when they are hit. They are equipped with adjustments to compensate for un-leveled ground and/or impact from smaller caliber guns. The Standard Poppers are for use with **handguns**.

All Standard Popper models have a large base with a hole for staking to the ground. They fold flat for easy transport.

The Popper targets can be easily re-painted for easy shot pattern identification.



Standard (Back Falling) USPSA Poppers					Recommended		
Part No.	Model	Material	Height / Target	Weight	Gun	Ammo	Magnum
4001	Mini Classic	5/16" Mild Steel	22.5" / 8" dia.	20 lbs.			
4002	Mini Pepper	5/16" Mild Steel	28" / 8" dia.	22 lbs.			
4005	Colt Speed Steel	5/16" Mild Steel	28" / 12" dia.	20 lbs.			
4003	Pepper	5/16" Mild Steel	42" / 12" dia.	52 lbs.			
4004	Classic	5/16" Mild Steel	33" / 12" dia.	42 lbs.			



FF Poppers Forward Falling When Struck, Need Reset

All Forward Falling **FF Popper Targets** are designed per size specifications of USPSA standards.

The FF Popper targets are similar to standard poppers except they are designed to **fall forward** when they are hit. The FF Poppers are for use with **handguns**.

All FF Popper models have a large base with a hole for staking to the ground. They fold flat for easy transport.

FF (Forward Falling) USPSA Poppers					Recommended		
Part No.	Model	Material	Height / Target	Weight	Gun	Ammo	Magnum
4001F	FF Mini Classic	5/16" Mild Steel	22.5" / 8" dia.	20 lbs.			
4002F	FF Mini Pepper	5/16" Mild Steel	28" / 8" dia.	22 lbs.			
4005F	FF Colt Speed Steel	5/16" Mild Steel	28" / 12" dia.	20 lbs.			
4003F	FF Pepper	5/16" Mild Steel	42" / 12" dia.	52 lbs.			
4004F	FF Classic	5/16" Mild Steel	33" / 12" dia.	42 lbs.			



Std. & Forward Fall. Poppers



Popper Targets — Continued

Self-Reset SR Poppers for Heavy-Duty AR500 For Rifle Shooting

SR Poppers

Self-Reset Poppers, AR500, Rifle

The **Self-Reset Popper targets** are mounted on a fixed triangular base using a heavy-duty hinge that allows the target to swing and reset itself after being hit.

The base's construction is fixed but the pepper-shaped popper targets can be separated from the base easily for transportation.

The Self-Reset Poppers Targets are made of **1/2" AR500** steel for heavy-duty action using **Rifle Shots** at a long range. The targets have a great audible feedback when shot.

These targets can be easily re-painted for easy shot pattern identification.



Self-Reset Popper Targets					Recommended		
Part No.	Model	Material	Height / Target	Weight	Gun	Ammo	Magnum
4034	SR Mini Pepper	1/2" AR500	28" / 8" dia.	69 lbs.			
4035	SR Pepper	1/2" AR500	43" / 12" dia.	125 lbs.			



Make sure to check out our YouTube Channel to see videos of most of our Targets in action.

If you are looking at digital copy of this catalog, Just click on the "VIDEOS" photos or the YouTube logo to watch videos on your device.



Self-Reset Popper Poppers



Classic Targets

USPSA Specifications

Classic Targets

Per USPSA Specifications

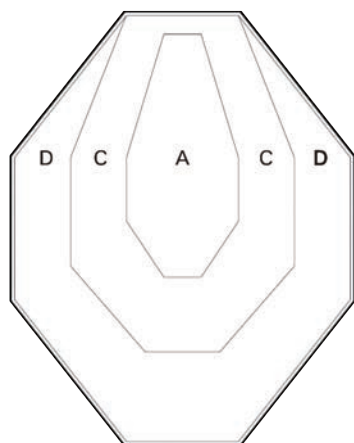
Competition Training and Practice

Our **Classic Targets** are made with hard AR500 or mild steel. They are available with or without the "A" zone flappers that are good for visual & audible feedback. If provided, the flapper is hinged at the top and is designed to swing back on impact.

The targets can **OPTIONALLY** (price adder) be ordered scribed with the zones A, C, and D markings per USPSA specifications.



Model 4007



Optional Zone Markings



MINIMUM
30 FEET



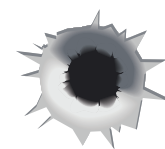
All classic targets come standard with removable square tubing stand that knocks-down for easy storage and transport. The stands have bullet splitter feature on front for years of use.

The targets can be easily re-painted onsite for easy shot pattern identification.

RangeMaster Rowdy™ Classic Targets						Recommended		
Part No.	Material	Flapper	Overall	Target	Weight	Gun	Ammo	Magnum
4007	5/16" Mild Steel	Zone A	5' 6"	22.5" x 17.75"	81 lbs.			
4067	3/8" AR500	Zone A	5' 6"	22.5" x 17.75"	90 lbs.			
4006	5/16" Mild Steel	-	5' 6"	22.5" x 17.75"	80 lbs.			
4066	3/8" AR500	-	5' 6"	22.5" x 17.75"	86 lbs.			



Watch the Target's
Action Video on
YouTube



Life-Size Game Targets

Buffalos, Coyotes and Boars — Oh Mine!



Life-Size Game

AR500 Life-Size, Optional Color

Popular with Hunters

The **Life-Size Game** targets are designed to provide an accurate animal silhouette from any distance.

Most models come with a hinged flapper representing the proper kill zone that provides an audible and visual feedback when struck.

Buffalo and buck targets, come with **removable** low profile stands that can be optionally welded on permanently (specify when placing your order).



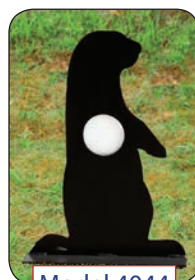
Knock-Down Removable Stand

The targets can be easily re-painted for easy shot pattern identification.



Model 4040 Color Options

Life-Size Game Target Photos are not to scale.



Model 4044



Model 4041 Black Color



Model 4030 White Color



Model 4043 Black Color

Life-Size Game Targets								Recommended		
Part No.	Description	Material	Flapper	Body Color	Base	Dimensions	Weight	Gun	Ammo	Magnum
4040	Life-Size Buck	3/8" AR500	Yes	White Std. Black Optn	Knock-Down	4' 8" T x 3' 8" W	149 lbs.			
4043	Life-Size Buffalo	3/8" AR500	Yes	White Std. Black Optn	Knock-Down	4' 4" T x 3' 8" W	142 lbs.			
4029	Life-Size Coyote	1/2" AR500	No	White Std. Black Optn	Knock-Down	35" T x 44" W	100 lbs.			
4041	Life-Size Coyote	1/2" AR500	Yes	White Std. Black Optn	Knock-Down	35" T x 44" W	103 lbs.			
4030	Life-Size Wild Pig	1/2" AR500	No	White Std. Black Optn	Welded	30" T x 47" W	200 lbs.			
4042	Life-Size Wild Pig	1/2" AR500	Yes	White Std. Black Optn	Welded	30" T x 47" W	203 lbs.			
PDOG	Life-Size Prairie Dog	3/8" AR500	No	White Std. Black Optn	Welded	12" T x 8" W	15 lbs.			
4044	Life-Size Prairie Dog	3/8" AR500	Yes	White Std. Black Optn	Welded	12" T x 8" W	18 lbs.			



Hardened Steel (such as AR500 Steel) Plates CAN NOT Accept Rounds Faster Than 3000 fps Ammo.

Please Select Your Ammo Carefully or You Will Damage the Targets.

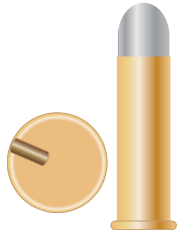


Life-Size Game Steel Targets



22 Caliber, Rimfire Targets

A Sampling of Standard and Custom Targets for 22 Rimfire Ammo

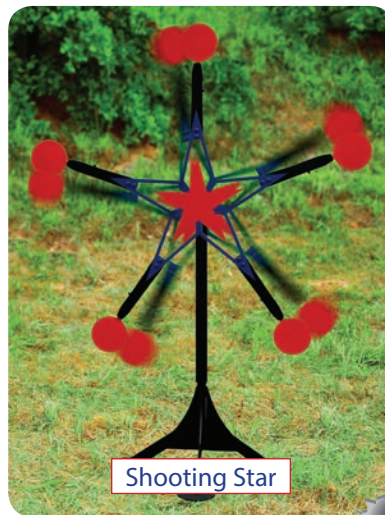


The following is a sampling of our steel targets made specifically for 22 Caliber Rimfire guns.

Some of these are our standard targets, Dueling Tree, Dueling Rack and Plate Rack, and others are custom made to our customers' specification.

Contact us for more information.

22 Caliber Rimfire Targets



Airsoft & Paintball Steel Targets

Long Lasting, Durable, Easy to Paint



Durable Airsoft & Paintball Steel Targets in shape of our standard targets scaled in a smaller size suitable for target practice.



APTorso

APGong

APPopper

APMPepper

APPepper

APPDog

Paint Splats Not Included!

Airsoft & Paintball Steel Targets				Recommended
Part No.	Model	Material	Height / Width	Gun
APTorso	Airsoft/Paintball Torso	18 Gauge Steel	6.5" / 4"	
APGong	Airsoft/Paintball Mini Gong	18 Gauge Steel	4.5" / 4"	
APPopper	Airsoft/Paintball Popper	18 Gauge Steel	7.5" / 3.5"	
APMPepper	Airsoft/Paintball Mini Pepper	18 Gauge Steel	9.75" / 3.5"	
APPepper	Airsoft/Paintball Pepper	18 Gauge Steel	12.25" / 3.5"	
APPDog	Airsoft/Paintball Prairie Dog	18 Gauge Steel	9.25" / 6"	

⚠ WARNING

READ THIS WARNING & PRODUCT WARNINGS BEFORE USING.

1. Make sure to wear proper face protection & ballistic eye wear ANSI Z87.1 when using an Airsoft or paintball gun.
2. Do not use Lewis Airsoft/Paintball Targets for any weapons other than proper airsoft or paintball guns & ammo.



Airsoft & Paintball Targets

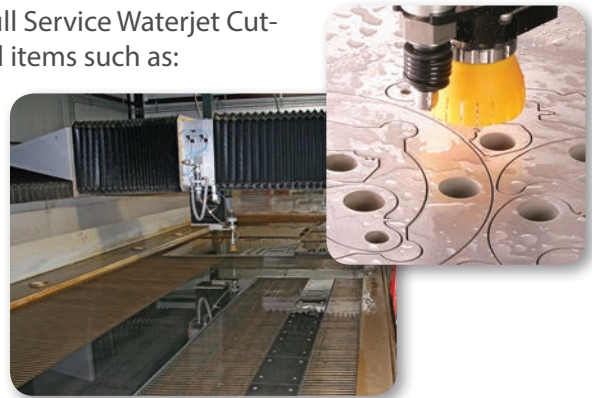
• LEWIS •
WATERJET
COLD-CUT™

CUT WITH WATER UP TO 6" THICK

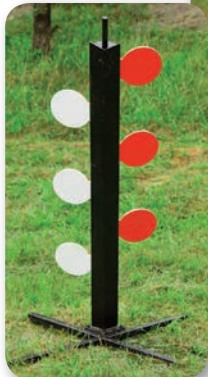
High Pressure Waterjet "Cold" Cutting Services

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:

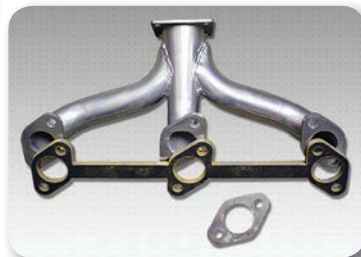
- ★ Oilfield Brake Bands
- ★ Industrial Signs & Displays
- ★ Automotive Parts
- ★ Building Artifacts
- ★ AR500 Indoor/Outdoor Shooting Targets
- ★ Miscellaneous Artwork
- ★ General Customer Goods



AR-500 Hard
Steel Targets



Building Wall-Mount Signs Custom
Designed and Custom Cut



Automotive Parts

Parts for various industries



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

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



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.



Part Numbers Index

PDF Version is Interactive — Click on the Part or Page Number

Part No	Page	Part No	Page	Part No	Page	Part No	Page
90-2032	71	4063	83	CC-75	33	DLE-450-DW.	30
90-2033	71	4064	80	CC-100	33	DLE-450-DW-TB.	34
4001	86	4065	80	C-O-TW-32.	36	DLE-450-SW	30
4001F	86	4066	88	C-O-TW-38.	36	DLE-450-SW-TB	34
4002	86	4067	88	C-TW-32	21	DLE-BOA-1.0-1.5	28
4002F	86	4068	82	C-TW-38	21	DLE-BOA-1.5-2.5	28
4003	86	4079	79	D-102	54	DLE-BOA-2.5-3.5	28
4003F	86	AAA-DW-18	20	D-103	54	DLE-BOA-3.5-4.5	28
4004	86	AAA-DW-24	20	D-104	54	DLE-BOA-4.5-5.5	28
4004F	86	AAA-O-DW-24.	36	DLE-25-SW	30	DLE-HDFE-550-SS	55
4005	86	AAA-SW-18	20	DLE-25-SW-TB.	34	DLE-LK-BOA-1.0-1.5.	28
4005F	86	AAA-SW-24	20	DLE-37-DW-TB	34	DLE-LK-BOA-1.5-2.5.	28
4006	88	AA-DW-18	20	DLE-37-SW	30	DLE-LK-BOA-2.5-3.5.	28
4007	88	AA-DW-24	20	DLE-37-SW-TB.	34	DLE-LK-BOA-3.5-4.5.	28
4008	78	AA-O-DW-24	36	DLE-50-DW	30	DLE-LK-BOA-4.5-5.5.	28
4009	78	AA-O-TW-36.	36	DLE-50-DW-TB	34	DLE-LK-DW-1-1½	23
4011	82	AA-SW-18	20	DLE-50-SW	30	DLE-LK-DW-2-2½	23
4012	85	AA-SW-24	20	DLE-50-SW-TB.	34	DLE-LK-DW-3-4	23
4019	78	AA-TW-12	20	DLE-62-DW	30	DLE-LK-DW-4-5	23
4021	78	AA-TW-18	20	DLE-62-DW-TB	34	DLE-LK-DW-1½-2	23
4022	82	AA-TW-18	20	DLE-62-SW	30	DLE-LK-DW-1¼-1½	23
4023	80	AA-TW-24	20	DLE-62-SW-TB.	34	DLE-LK-DW-2½-3	23
4025	79	Accelerator	81	DLE-75-DW	30	DLE-LK-SW-¾-¾	23
4027	84	A-DW-18.	20	DLE-75-DW-TB	34	DLE-LK-SW-1-1½	23
4029	89	A-DW-24.	20	DLE-75-SW	30	DLE-LK-SW-¾-1	23
4030	89	A-O-DW-24	36	DLE-75-SW-TB.	34	DLE-LK-SW-1½-2	23
4033	80	A-O-TW-24	36	DLE-100-DW.	30	DLE-LK-SW-1¼-1½.	23
4034	87	APGong	91	DLE-100-DW-TB.	34	DLSC-1	74
4035	87	APMpepper	91	DLE-100-SW	30	DLSC-2SS	74
4036	82	APPDog	91	DLE-100-SW-TB	34	D-O-TW-38	36
4037	78	APPepper	91	DLE-112-DW.	30	D-O-TW-46	36
4039	84	APPopper	91	DLE-112-DW-TB.	34	DPRL-2-Y.	60
4040	89	APTorso	91	DLE-112-SW	30	DPRL-4-Y.	60
4041	89	A-SW-18	20	DLE-112-SW-TB	34	DPRL-6-Y.	60
4042	89	A-SW-24	20	DLE-162-DW.	30	D-TW-38	21
4043	89	A-TW-18	20	DLE-162-DW-TB.	34	D-TW-46	21
4044	89	A-TW-24	20	DLE-162-SW	30	EE	75
4045	78	BK-A-O-TW-48.	37	DLE-162-SW-TB	34	EN	75
4046	78	BK-B-O-TW-120	37	DLE-175-SW-TB	34	E-O-TW-46.	36
4050	81	BK-C-O-TW-60.	37	DLE-200-DW-TB.	34	E-O-TW-52.	36
4050	81	BK-D-O-TW-48	37	DLE-200-SW-TB	34	ET-18-Y.	61
4051	81	BK-D-O-TW-60	37	DLE-250-DW.	30	E-TW-46	21
4053	81	BK-E-O-TW-120	37	DLE-250-DW-TB.	34	E-TW-52	21
4054	81	B-O-TW-26	36	DLE-250-SW	30	Eye & Eye	54
4055	81	B-O-TW-32	36	DLE-250-SW-TB	34	FAH-3Y.	58
4056	81	B-TW-26	21	DLE-300-DW-TB.	34	FAH-5Y.	58
4057	81	B-TW-32	21	DLE-300-SW-TB	34	FAH-5Y-MB	58
4058	81	Bulk-Bag-90-2031.	68	DLE-350-DW.	30	FBDM-1	33
4059	81	C00169	13	DLE-350-DW-TB.	34	FBDM-2	33
4060	81	CC-50	33	DLE-350-SW	30	FBDM-3	33
4062	83	CC-62	33	DLE-350-SW-TB	34	FBDM-4	33



Part Numbers Index

PDF Version is Interactive — Click on the Part or Page Number

Part No. INDEX PAGE 2

Part No	Page	Part No	Page	Part No	Page	Part No	Page
FBDM-5	33	FO-50-HB	45	HB-100-DW-TB	35	HD-8-DBS	51
FBDM-6	33	FO-50-OE	45	HB-100-SW	31	HDFE-½-¾	39
FBDM-7	33	FO-50-SL-U	44	HB-100-SW-TB	35	HDFE-¼-½	39
FBDM-8	33	FO-50-SR-U	44	HB-112-DW	31	HDFE-2-2¾	39
FBDM-9	33	FO-50-U	45	HB-112-DW-TB	35	HDFE-5-5¾	39
FBDM-10	33	FO-62-DLE	45	HB-112-SW	31	HDFE-¾-1½	39
FBDM-11	33	FO-62-HB	45	HB-112-SW-TB	35	HDFE-1¾-2	39
FBDM-12	33	FO-62-OE	45	HB-162-DW	31	HDFE-2¾-3½	39
FBDM-13	33	FO-62-SL-U	44	HB-162-DW-TB	35	HDFE-3½-4½	39
FBDM-14	33	FO-62-SR-U	44	HB-162-SW	31	HDFE-4½-5	39
FBDM-15	33	FO-62-U	45	HB-162-SW-TB	35	HDFE-5¾-6½	39
FBDM-16	33	FO-75-DLE	45	HB-175-SW-TB	35	H-O-QW-58	36
FBDM-17	33	FO-75-HB	45	HB-200-DW-TB	35	H-O-QW-64	36
FBDM-18	33	FO-75-OE	45	HB-200-SW-TB	35	H-QW-58	22
FBDM-19	33	FO-75-SL-U	44	HB-250-DW	31	H-QW-64	22
FBDM-20	33	FO-75-SR-U	44	HB-250-DW-TB	35	IH-50-SW	30
FBDM-21	33	FO-75-U	45	HB-250-SW	31	IH-62-SW	30
FBDM-22	33	FO-100-DLE	45	HB-250-SW-TB	35	IH-75-SW	30
FBDM-23	33	FO-100-HB	45	HB-300-DW-TB	35	IH-100-SW	30
FBDM-24	33	FO-100-OE	45	HB-300-SW-TB	35	IH-112-SW	30
FBDM-25	33	FO-100-SL-U	44	HB-350-DW	31	IH-162-SW	30
FBDM-26	33	FO-100-SR-U	44	HB-350-DW-TB	35	IH-250-SW	30
FBDM-27	33	FO-100-U	45	HB-350-SW	31	IH-350-SW	30
FBDM-28	33	F-O-TW-52	36	HB-350-SW-TB	35	IH-450-SW	30
FBDM-29	33	F-O-TW-58	36	HB-450-DW	31	I-O-QW-58	36
FBDM-30	33	F-TW-52	21	HB-450-DW-TB	35	I-O-QW-64	36
FBDM-31	33	F-TW-58	21	HB-450-SW	31	I-QW-58	22
FBDM-32	33	FW-3	56	HB-450-SW-TB	35	I-QW-64	22
FBDM-33	33	FW-5	57	HCB-B	59	J02069	13
FBDM-34	33	G-O-QW-58	36	HCB FAH-3Y WT	58	Jaw & Eye	54
FBDM-35	33	G-O-QW-64	36	HD-00	50	JL25	53
FBDM-36	33	G-QW-58	22	HD-0	50	JL-25-FO-CM	43
FBDM-37	33	G-QW-64	22	HD-00-S	50	JL-25-FO-SL	43
FBDM-38	33	HB-25-SW	31	HD-0-S	50	JL-25-FO-SR	43
FBDM-39	33	HB-25-SW-TB	35	HD-0-S-Z	50	JL37	53
FBDM-40	33	HB-37-DW-TB	35	HD-1	50	JL-37-FO-CM	43
FBDM-41	33	HB-37-SW	31	HD-1-S	50	JL-37-FO-SL	43
Five to Go	81	HB-37-SW-TB	35	HD-1-S-Z	50	JL-37-FO-SR	43
FO-25-DLE	45	HB-50-DW	31	HD-2	50	JL50	53
FO-25-HB	45	HB-50-DW-TB	35	HD-2-S	50	JL-50-FO-CM	43
FO-25-OE	45	HB-50-SW	31	HD-2-S-Z	50	JL-50-FO-SL	43
FO-25-SL-U	44	HB-50-SW-TB	35	HD-3	50	JL-50-FO-SR	43
FO-25-SR-U	44	HB-62-DW	31	HD-3-S-Z	50	JL62	53
FO-25-U	45	HB-62-DW-TB	35	HD-4-DBFS	51	JL-62-FO-CM	43
FO-37-DLE	45	HB-62-SW	31	HD-4-DBS	51	JL-62-FO-SL	43
FO-37-HB	45	HB-62-SW-TB	35	HD-4-S-Z	50	JL-62-FO-SR	43
FO-37-OE	45	HB-75-DW	31	HD-5-DBFS	51	JL75	53
FO-37-SL-U	44	HB-75-DW-TB	35	HD-5-DBS	51	JL-75-FO-CM	43
FO-37-SR-U	44	HB-75-SW	31	HD-6-DBFS	51	JL-75-FO-SL	43
FO-37-U	45	HB-75-SW-TB	35	HD-6-DBS	51	JL-75-FO-SR	43
FO-50-DLE	45	HB-100-DW	31	HD-7-DBS	51	JL100	53



Part Numbers Index

PDF Version is Interactive — Click on the Part or Page Number

Part No	Page	Part No	Page	Part No	Page	Part No	Page
JL-100-FO-CM	43	LB-250-DW-TB	35	LR 2½ - 1.12	25	LRSL-5-.75	26
JL-100-FO-SL	43	LB-250-SW.	31	LR 2½ - 1.62	25	LRSL-6-1.0	26
JL-100-FO-SR	43	LB-250-SW-TB.	35	LR 2½ - .75.	25	LRSL-6-1.5	26
JL Kit	53	LB-300-DW-TB	35	LR 3½ - 1.12	25	LRSL-6-1.25	26
J-O-QW-58.	36	LB-300-SW-TB.	35	LR 3½ - 1.62	25	LRSL-6-1.75	26
J-O-QW-64.	36	LB-350-DW	31	LR 3½ - 2.50	25	LRSL-6-2.0	26
J-QW-58	22	LB-350-DW-TB	35	LR 3½ - .75.	25	LRSL-6-2.5	26
J-QW-64	22	LB-350-SW.	31	LR 4½ - 1.12	25	LRSL-6-3.0	26
K-QW-64	22	LB-350-SW-TB.	35	LR 4½ - 1.62	25	LRSL-6-3.5	26
K-QW-72	22	LB-450-DW	31	LR 4½ - 2.50	25	LRSL-6-4.0	26
L-204.	13	LB-450-DW-TB	35	LR 4½ - .75.	25	LRSL-6-4.5	26
L-208.	13	LB-450-SW.	31	LRHB-50-SW.	27	LRSL-6-5.0	26
L-246.	13	LB-450-SW-TB.	35	LRHB-62-SW.	27	LRSL-6-.75	26
L-271.	13	LHD-0	52	LRHB-75-SW.	27	LRSL-2½-1.0	26
LA-2-Y	60	LHD-1	52	LRHB-100-SW	27	LRSL-2½-1.5	26
LA-3-Y	60	LHD-2	52	LRHB-112-SW	27	LRSL-2½-1.25	26
LA-4-Y	60	LHD-3	52	LRHB-162-SW	27	LRSL-2½-1.75	26
LA-6-Y	60	LHD-4	52	LRHB-250-SW	27	LRSL-2½-2.0	26
LB-25-SW	31	LPC-S1	42	LRHB-350-SW	27	LRSL-2½-.75	26
LB-25-SW-TB	35	LPC-S2	42	LRHB-450-SW	27	LRSL-3½-1.0	26
LB-37-DW-TB	35	LPC-S3	42	LRSL-2-1.0	26	LRSL-3½-1.5	26
LB-37-SW	31	LPC-S4	42	LRSL-2-1.5	26	LRSL-3½-1.25	26
LB-37-SW-TB	35	LPC-SEG	42	LRSL-2-1.25	26	LRSL-3½-1.75	26
LB-50-DW	31	LPC-SEG-1	42	LRSL-2-1.75	26	LRSL-3½-2.0	26
LB-50-DW-TB	35	LPC-SEG-2	42	LRSL-2-.75	26	LRSL-3½-2.5	26
LB-50-SW	31	LPC-SEG-3	42	LRSL-3-1.0	26	LRSL-3½-3.0	26
LB-50-SW-TB	35	LPC-SEG-4	42	LRSL-3-1.5	26	LRSL-3½-.75	26
LB-62-DW	31	LPC-SEG-JL.	42	LRSL-3-1.25	26	LRSL-4½-1.0	26
LB-62-DW-TB	35	LPC-SJL.	42	LRSL-3-1.75	26	LRSL-4½-1.5	26
LB-62-SW	31	LR 2 - 1.12	25	LRSL-3-2.0	26	LRSL-4½-1.25	26
LB-62-SW-TB	35	LR 2 - .75.	25	LRSL-3-2.5	26	LRSL-4½-1.75	26
LB-75-DW	31	LR 3 - 1.12	25	LRSL-3-.75	26	LRSL-4½-2.0	26
LB-75-DW-TB	35	LR 3 - 1.62	25	LRSL-4-1.0	26	LRSL-4½-2.5	26
LB-75-SW	31	LR 3 - .75.	25	LRSL-4-1.5	26	LRSL-4½-3.0	26
LB-75-SW-TB	35	LR 4 - 1.12	25	LRSL-4-1.25	26	LRSL-4½-3.5	26
LB-100-DW	31	LR 4 - 1.62	25	LRSL-4-1.75	26	LRSL-4½-4.0	26
LB-100-DW-TB	35	LR 4 - 2.50	25	LRSL-4-2.0	26	LRSL-4½-.75	26
LB-100-SW.	31	LR 4 - .75.	25	LRSL-4-2.5	26	LSG 1-2	24
LB-100-SW-TB.	35	LR 5 - 1.12	25	LRSL-4-3.0	26	LSG ½-1	24
LB-112-DW	31	LR 5 - 1.62	25	LRSL-4-3.5	26	LSG ½-2	24
LB-112-DW-TB	35	LR 5 - 2.50	25	LRSL-4-.75	26	LSG ½-1½	24
LB-112-SW.	31	LR 5 - 3.50	25	LRSL-5-1.0	26	LSG ¼-½	24
LB-112-SW-TB.	35	LR 5 - .75.	25	LRSL-5-1.5	26	LSG ¼-1½	24
LB-162-DW	31	LR 6 - 1.12	25	LRSL-5-1.25	26	LSG 1-1½.	24
LB-162-DW-TB	35	LR 6 - 1.62	25	LRSL-5-1.75	26	LSG 2-2¾.	24
LB-162-SW.	31	LR 6 - 2.50	25	LRSL-5-2.0	26	LSG 1½-2.	24
LB-162-SW-TB.	35	LR 6 - 3.50	25	LRSL-5-2.5	26	LSG 1½-2½.	24
LB-175-SW-TB.	35	LR 6 - 4.50	25	LRSL-5-3.0	26	LSG 2¾-3½.	24
LB-200-DW-TB	35	LR 6 - .75.	25	LRSL-5-3.5	26	LSG 3½-4¼.	24
LB-200-SW-TB.	35	LR 1½ - .75.	25	LRSL-5-4.0	26	LSG 0-½ / 1-24	37
LB-250-DW	31	LR 1¼ - .75.	25	LRSL-5-4.5	26	LSG 0-½ / 1-36	37

PART NO. INDEX PAGES 3



Part Numbers Index

PDF Version is Interactive — Click on the Part or Page Number

PART NO. INDEX PAGE 4

Part No	Page	Part No	Page	Part No	Page	Part No	Page
LSG-O-¼ / ½-24	37	OE-175-SW-TB	34	R-DW-¼-½	38	SPLIT ROD	44
LSG-O-1 / 1½-36	37	OE-200-DW-TB	34	Roundabout	81	SPRL-2-Y	60
LSG-O-1 / 1½-48	37	OE-200-SW-TB	34	R-TW-½-¾	38	SPRL-4-Y	60
LSGX 1-2	24	OE-250-DW	30	R-TW-¾-1¼	38	SPRL-6-Y	60
LSGX ½-1	24	OE-250-DW-TB	34	S-1-DW	32	Swing Link	54
LSGX ½-2	24	OE-250-SW	30	S-1-SW	32	Tag Line	75
LSGX ½-1½	24	OE-250-SW-TB	34	S-2-DW	32	THD-0	52
LSGX ¼-½	24	OE-300-DW-TB	34	S-2-SW	32	THD-1	52
LSGX ¼-1½	24	OE-300-SW-TB	34	S-3-DW	32	THD-2	52
LSGX 1-1½	24	OE-350-DW	30	S-3-SW	32	THD-3	52
LSGX 2-2½	24	OE-350-DW-TB	34	S-4-DW	32	THD-4	52
LSGX 1½-2	24	OE-350-SW	30	S-4-SW	32	TR-X-D-PC	61
LSGX 1½-2½	24	OE-350-SW-TB	34	S-302	54	TR-X-S-PC	61
LSGX 2¾-3½	24	OE-450-DW	30	S-DW-1.00-1.24-ML20	41	TW-1	52
LSGX 3½-4¼	24	OE-450-DW-TB	34	S-DW-1.25-1.49-ML24	41	TW-2	52
LSL	32	OE-450-SW	30	S-DW-1.50-1.99-ML25	41	TW-3	52
LSR	32	OE-450-SW-TB	34	S-DW-2.00-2.49-ML26	41	TW-4	52
LW-1	52	OH-5W-1¼-1¾	38	S-DW-2.50-2.99-ML28	41	U-25-SWB-PGE	27
LW-2	52	OH-DW-¼-½	38	S-DW-3.00-3.49-ML30	41	U-25-SW-TB	34
LW-3	52	OH-TW-½-¾	38	S-DW-3.50-3.99-ML32	41	U-37-DW-TB	34
LW-4	52	OH-TW-¾-1¼	38	S-DW-4.00-4.49-ML33	41	U-37-SWB-PGE	27
M	59	Outer Limits	81	S-DW-50-.61-ML11	41	U-37-SW-TB	34
OE-25-SW	30	PDOG	89	S-DW-.62-.75-ML11	41	U-50-DW-TB	34
OE-25-SW-TB	34	Pendulum	81	S-DW-.75-.99-ML20	41	U-50-SWB-DW	27
OE-37-DW-TB	34	RDB-6x6-18	65	SEG-0	40	U-50-SWB-PGE	27
OE-37-SW	30	RDB-6x6-18V	65	SEG-1	40	U-50-SWB-SW	27
OE-37-SW-TB	34	RDB-6x6-22	65	SEG-2	40	U-50-SW-TB	34
OE-50-DW	30	RDB-6x6-22V	65	SEG-3	40	U-62-DW-TB	34
OE-50-DW-TB	34	RDB-7x7-18	65	SEG-4	40	U-62-SWB-DW	27
OE-50-SW	30	RDB-7x7-18V	65	SEG-5	40	U-62-SWB-PGE	27
OE-50-SW-TB	34	RDB-7x7-22	65	SEG-6	40	U-62-SWB-SW	27
OE-62-DW	30	RDB-7x7-22V	65	SEG-7	40	U-62-SW-TB	34
OE-62-DW-TB	34	RDB-8x8-18	65	SEG-8	40	U-75-DW-TB	34
OE-62-SW	30	RDB-8x8-18V	65	SEG-9	40	U-75-SWB-DW	27
OE-62-SW-TB	34	RDB-8x8-22	65	SEG-10	40	U-75-SWB-PGE	27
OE-75-DW	30	RDB-8x8-22V	65	SE-LK-DW-1-1½	23	U-75-SWB-SW	27
OE-75-DW-TB	34	RDB-A18-6x6-18	66	SE-LK-DW-2-3	23	U-75-SW-TB	34
OE-75-SW	30	RDB-A18-6x6-22	66	SE-LK-DW-2-2½	23	U-100-DW-TB	34
OE-75-SW-TB	34	RDB-A24-6x6-18	66	SE-LK-DW-3-4	23	U-100-SWB-DW	27
OE-100-DW	30	RDB-A24-6x6-22	66	SE-LK-DW-4-4½	23	U-100-SWB-PGE	27
OE-100-DW-TB	34	RDB-A24-7x7-18	66	SE-LK-DW-1½-2	23	U-100-SWB-SW	27
OE-100-SW	30	RDB-A24-7x7-22	66	SE-LK-SW-¼-¾	23	U-100-SW-TB	34
OE-100-SW-TB	34	RDB-A30-7x7-18	66	SE-LK-SW-1-1½	23	U-112-DW-TB	34
OE-112-DW	30	RDB-A30-7x7-22	66	SE-LK-SW-¾-1	23	U-112-SWB-DW	27
OE-112-DW-TB	34	RDB-A30-8x8-18	66	SE-LK-SW-1½-2	23	U-112-SWB-PGE	27
OE-112-SW	30	RDB-A30-8x8-22	66	Show Down	81	U-112-SWB-SW	27
OE-112-SW-TB	34	RDB-A36-8x8-18	66	SLO-2-Y	60	U-112-SW-TB	34
OE-162-DW	30	RDB-A36-8x8-22	66	SLO-4-Y	60	U-162-DW-TB	34
OE-162-DW-TB	34	RDB-A42-8x8-18	66	SLO-6-Y	60	U-162-SWB-DW	27
OE-162-SW	30	RDB-A42-8x8-22	66	Smoke & Hope	81	U-162-SWB-PGE	27
OE-162-SW-TB	34	RDBR-A-36-9.6-22	67	Speed Option	81	U-162-SWB-SW	27



Part Numbers Index

PDF Version is Interactive — Click on the Part or Page Number

Part No	Page	Part No	Page	Part No	Page	Part No	Page
U-162-SW-TB	34	X-100-DW-20	49	XIE-10-FO-SW-10	44	XS-450-SW-22	49
U-175-SW-TB	34	X-100-FO-SW-24	44	XIE-25-FO-SW-14	44	XS-450-SW-28	49
U-200-DW-TB	34	X-100-SW-14	49	XIE-37-FO-SW-24	44	XS-A-DW-18	47
U-200-SW-TB	34	X-100-SW-20	49	XIE-42-FO-SW-24	44	XS-A-DW-24	47
U-250-DW-TB	34	X-112-DW-14	49	XIE-53-FO-SW-24	44	XS-A-SW-18	47
U-250-SWB-DW	27	X-112-DW-20	49	XIE-64-FO-SW-24	44	XS-A-SW-24	47
U-250-SWB-PGE	27	X-112-SW-14	49	XIE-75-FO-SW-24	44	XS-B-TW-26	47
U-250-SWB-SW	27	X-112-SW-20	49	XIE-100-FO-SW-24	44	XS-B-TW-32	47
U-250-SW-TB	34	X-125-FO-SW-24	44	XIE-125-FO-SW-24	44	XS-C-TW-32	47
U-300-DW-TB	34	X-162-DW-16	49	X-I-QW-58	46	XS-C-TW-38	47
U-300-SW-TB	34	X-162-DW-22	49	X-I-QW-64	46	XS-D-TW-38	47
U-350-DW-TB	34	X-162-SW-16	49	X-J-QW-58	46	XS-D-TW-46	47
U-350-SWB-DW	27	X-162-SW-22	49	X-J-QW-64	46	X-SDW-1.00-1.49-24	48
U-350-SWB-SW	27	X-250-DW-18	49	XS-37-DW-8	49	X-SDW-1.00-1.49-36	48
U-350-SW-TB	34	X-250-DW-24	49	XS-37-DW-12	49	X-SDW-1.50-1.99-24	48
U-450-DW-TB	34	X-250-SW-18	49	XS-37-SW-8	49	X-SDW-1.50-1.99-36	48
U-450-SWB-DW	27	X-250-SW-24	49	XS-37-SW-12	49	X-SDW-2.00-2.49-24	48
U-450-SWB-SW	27	X-350-DW-20	49	XS-50-DW-10	49	X-SDW-2.00-2.49-36	48
U-450-SW-TB	34	X-350-DW-24	49	XS-50-DW-14	49	X-SDW-2.50-2.99-24	48
W-1	50	X-350-SW-20	49	XS-50-SW-10	49	X-SDW-2.50-2.99-36	48
W-2	50	X-350-SW-24	49	XS-50-SW-14	49	X-SDW-3.00-3.49-24	48
W-3	50	X-450-DW-22	49	XS-62-DW-12	49	X-SDW-3.00-3.49-36	48
W-4	50	X-450-DW-28	49	XS-62-DW-16	49	X-SDW-3.50-3.99-24	48
WRC-DW-¼-½	38	X-450-SW-22	49	XS-62-SW-12	49	X-SDW-3.50-3.99-40	48
WRC-QW-1½-2	38	X-450-SW-28	49	XS-62-SW-16	49	X-SDW-.62-.75-24	48
WRC-TW-½-1	38	X-A-DW-18	46	XS-75-DW-14	49	X-SDW-.75-.99-24	48
WRC-TW-1-1½	38	X-A-DW-24	46	XS-75-DW-20	49	X-SDW-.75-.99-36	48
X-10-FO-SW-10	44	X-A-SW-18	46	XS-75-SW-14	49	XS-E-TW-46	47
X-25-FO-SW-14	44	X-A-SW-24	46	XS-75-SW-20	49	XS-E-TW-52	47
X-37-DW-8	49	X-B-TW-26	46	XS-100-DW-14	49	XS-F-TW-52	47
X-37-DW-12	49	X-B-TW-32	46	XS-100-DW-20	49	XS-F-TW-58	47
X-37-FO-SW-24	44	X-C-TW-32	46	XS-100-SW-14	49	XS-G-QW-58	47
X-37-SW-8	49	X-C-TW-38	46	XS-100-SW-20	49	XS-G-QW-64	47
X-37-SW-12	49	X-D-TW-38	46	XS-112-DW-14	49	XS-H-QW-58	47
X-42-FO-SW-24	44	X-D-TW-46	46	XS-112-DW-20	49	XS-H-QW-64	47
X-50-DW-10	49	X-E-TW-46	46	XS-112-SW-14	49	XS-I-QW-58	47
X-50-DW-14	49	X-E-TW-52	46	XS-112-SW-20	49	XS-I-QW-64	47
X-50-SW-10	49	X-F-TW-52	46	XS-162-DW-16	49	XS-JL-25-R	39
X-50-SW-14	49	X-F-TW-58	46	XS-162-DW-22	49	XS-JL-50-R	39
X-53-FO-SW-24	44	X-G-QW-58	46	XS-162-SW-16	49	XS-JL-100-R	39
X-62-DW-12	49	X-G-QW-64	46	XS-162-SW-22	49	XS-JL-125-R	39
X-62-DW-16	49	X-HDFE-½-¾	47	XS-250-DW-18	49	XS-JL-R Kit	53
X-62-SW-12	49	X-HDFE-¼-½	47	XS-250-DW-24	49	XS-J-QW-58	47
X-62-SW-16	49	X-HDFE-2-2¾	47	XS-250-SW-18	49	XS-J-QW-64	47
X-64-FO-SW-24	44	X-HDFE-¾-1¾	47	XS-250-SW-24	49		
X-75-DW-14	49	X-HDFE-1¾-2	47	XS-350-DW-20	49		
X-75-DW-20	49	X-HDFE-2¾-3½	47	XS-350-DW-24	49		
X-75-FO-SW-24	44	X-HDFE-3½-4¼	47	XS-350-SW-20	49		
X-75-SW-14	49	X-HDFE-4¼-5	47	XS-350-SW-24	49		
X-75-SW-20	49	X-H-QW-58	46	XS-450-DW-22	49		
X-100-DW-14	49	X-H-QW-64	46	XS-450-DW-28	49		

PART NO. INDEX PAGES



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