

# U.S. RIGGING SUPPLY



## 2019 Full Line Catalog



Featuring These Brands + More

 **ProClimb**<sup>®</sup>  
PROFESSIONAL GRADE CLIMBING GEAR

 **SWAGE·RIGHT**

 **DURABRITE**



**U.S. RIGGING**  
**SUPPLY**

*Powered by service. Driven by quality.*



# PELICAN SYNTHETIC ROPE SOLUTIONS

## Delivering uncompromised quality and efficiency from our workplace to yours.

Pelican Rope is an ISO 9001:2015 certified manufacturer of high performance specialty rope products, rope lanyards, slings and custom rope assemblies.

For over 40 years, our devotion to innovation, quality & customer service has yielded a diverse UL Certified product line designed to not only exceed the standards established by the Cordage Institute, U.S. Military or NFPA but more importantly, the expectations of our loyal customers in the commercial, industrial, arborist, fire and rescue, law enforcement, manufacturing and marine industries. Dependability is our hallmark; exceptional value our everyday standard.





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**IN THIS PHOTO:** Arborist Ryan Gardner of CutRite Forestry at work in the Grand Canyon using our Proclimb® Better Grab Arborist Flipline (found on page 25). Photo Courtesy of Steven Muller.



U.S. Rigging Supply is a manufacturer & master distributor located in Santa Ana, CA. For over 40 years, we've grown through our focus on innovation, quality, dependability, and unmatched customer service.

We offer our own line of great products including:

-  **ProClimb®**: Professional Grade Climbing Gear
-  **SwageRight®**: Wire Rope Fittings and Hardware
-  **Stainless Steel Hardware®**: Quality Stainless Steel Hardware

We also are a master distributor of many leading brands including:

- YOKE**: Lifting Products
- KONG**: Climbing and Rescue Gear
- Omega Pacific**: A U.S. Carabiner Manufacturer
- Chafe Master™**: Synthetic Rope Chafe Gear
- Gripple**: Wire Joining & Tensioning Systems

## Standards & Affiliations

U.S. Rigging Supply is a certified Orion Registrar ISO 9001:2008 standard company.



**NFPA®** is a world leading authority in requirements for fire safety equipment.



**UL®** is the leading independent product safety certification laboratory in the USA.



Manufacturer's declaration that the product meets European applicable certifications for health & safety requirements.



**The Cordage Institute** is a distinguished rope cordage standards association.



**Associated Wire Rope Fabricators** is a reputable wire rope and rigging manufacturing and technical standards organization.



The **Defense Logistics Agency** is a U.S. government approval for Qualified Suppliers List of Manufacturers.



The **International Climbing and Mountaineering Federation** is a major international mountaineering and climbing standards organization.



The **Tree Care Industry Association** is a leading arborist and tree care organization



The **American National Standards Institute** is the primary organization for fostering the development of safety technology standards in the United States.



The **Canadian Standards Association** deals with standards development and their application through product certification, management systems registration, and information products.



# FALL PROTECTION & CLIMBING

## The ProClimb® Difference

### 100% Testing!

Climb with confidence! ProClimb builds gear you can trust. We believe one good test is better than a thousand expert opinions, that's why we test our products to ensure reliability of every ProClimb product. Every piece of ProClimb climbing gear is tested (not just sampled), 100% factory proof tested! In addition, we use independent laboratories, such as UL, to certify our products. We also break test samples from every single production lot upon receipt.

### Experience You Can Count On

With over 40 years of experience serving professional climbers, you can count on our experienced and knowledgeable team.

### Exceptional Value

We know people who climb for a living need value they can trust. Every one of our ProClimb products provides industry-leading quality, testing, experience, and cost. You might find gear for less, but you won't find better value than ProClimb.



### Look For This Emblem!

Want to evaluate our products yourself? You can find our logo next to each of our products and learn more about the specifications of our equipment to see what suits you best.



**WARNING:** Climbing is dangerous, and you should always climb within your ability, after carefully judging the safety of the route. Failure for you to follow these conditions may result in injury or death. CLIMBING IS AN INHERENTLY DANGEROUS ACTIVITY that may result in serious injury or death.

The equipment in this section has been designed and manufactured for use by experienced professionals only. Serious injury or death may result from the improper use of this equipment. DO NOT ATTEMPT TO USE THIS EQUIPMENT WITHOUT PROPER TRAINING. Use, inspect, and repair only in accordance with manufacturer's instructions. Failure to follow these instructions could result in serious injury or death.

## Term Definitions

**Fall Protection** - The backup system planned for a worker who could lose his or her balance at height, in order to control or eliminate injury potential.

**Minimum Breaking Strength (MBS)** - The minimum amount of force required to break this object. Often referred to as tensile strength or breaking strength. Not to be confused with "Working Load Limit" or "Yield Strength".

**kN (Kilonewton) Rating** - A kilonewton (kN) is roughly the equivalent of 225 lbs, which is a force of gravity rating, not static weight or mass. All climbing equipment has a certain rating of force it can withstand, and that rating is typically referred to as a kN rating. If you have carabiners or snaphooks without a kN rating DO NOT use them for climbing as they are most likely unintended for human support / fall protection.

**Fall Arrest** - The act of stopping a free-fall.

**Free Fall** - The act of falling before a personal fall arrest system begins to arrest the fall.

**Clearance** - To determine the required fall clearance add the appropriate factors together, this will give you the safe required distance (RD) below the working surface for work which is to be carried out where there is any risk of falling.

**Calculation** - Free fall distance energy absorber deceleration distance clearance to obstruction during fall arrest

**Span** - The distance between intermediates for a horizontal lifeline system.

**Standards (CE, OSHA, ANSI, CSA, NFPA)** - Mandatory requirements or recommendations to follow as determined by governments and organizations: Conformité Européenne (CE), Occupational Safety & Health Administration (OSHA), American National Standards Institute (ANSI), Canadian Standards Association (CSA), National Fire Protection Association (NFPA).





**USR-12-CTLD**

Equal D Steel Carabiner

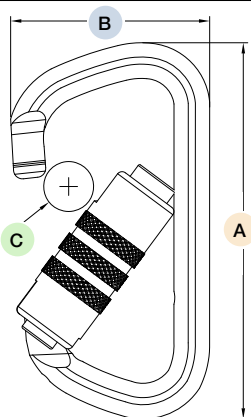
- Twist Lock Gate
- High Tensile Steel
- Zinc Plated
- Keylock

GATE 16 kN 13 kN

MBS 45 kN 16 kN

WEIGHT 7.6 oz

available in black (USR-12-CTLD-BK)



ProClimb



A	B	ØC
104 mm	56 mm	14 mm

ANSI Z359.12-2009

**USR-12-CTLM**

Modified D Steel Carabiner

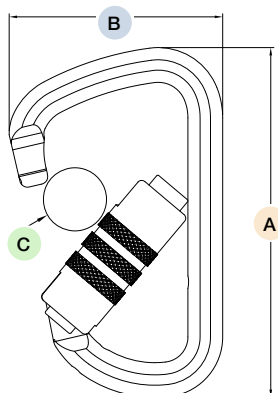
- Twist Lock Gate
- High Tensile Steel
- Zinc Plated
- Keylock

GATE 16 kN 12 kN

MBS 50 kN 16 kN

WEIGHT 9.0 oz

available in black (USR-12-CTLM-BK)



ProClimb



A	B	ØC
110 mm	68 mm	20 mm

ANSI Z359.12-2009

**USR-12-CTL**

Klettersteig Steel Carabiner

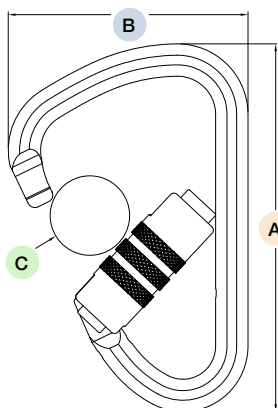
- Twist Lock Gate
- High Tensile Steel
- Zinc Plated
- Keylock

GATE 16 kN 12 kN

MBS 45 kN 16 kN

WEIGHT 9.9 oz

captive pin optional (USR-12-CTL-PIN)



ProClimb

A	B	ØC
124 mm	79 mm	27 mm

ANSI Z359.12-2009

**USR-14-C3T**

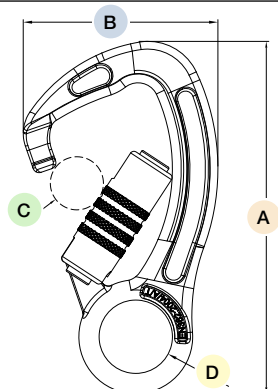
Forged Steel Carabiner

- Triple Lock Gate
- High Tensile Steel
- Zinc Plated
- Keylock

GATE 5,000 lbs

MBS 45 kN

WEIGHT 11.0 oz



ProClimb

A	B	ØC	ØD
139 mm	77 mm	20 mm	29 mm

ANSI Z359.12-2009



**USR-71-C09A**

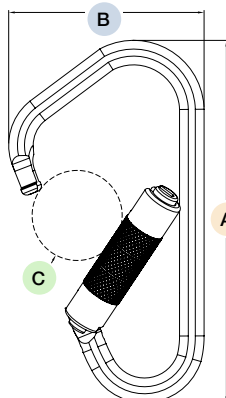
Steel Ladder Hook w/ Captive Pin

- Twist Lock Gate
- High Tensile Steel
- Zinc Plated
- Keylock

GATE 16 kN

MBS  $\blacktriangleleft$  40 kN

WEIGHT 15.7 oz



ProClimb

A	B	ØC
177 mm	94 mm	48 mm

ANSI Z359.12-2009



Featuring Keylock

**USR-71-C09B**

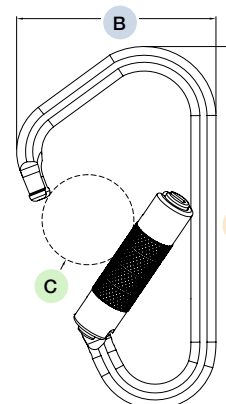
Steel Ladder Hook w/ Captive Pin

- Triple Lock Gate
- High Tensile Steel
- Zinc Plated
- Keylock

GATE 16 kN

MBS  $\blacktriangleleft$  40 kN

WEIGHT 15.8 oz



ProClimb

A	B	ØC
177 mm	94 mm	48 mm

ANSI Z359.12-2009



Featuring Keylock

**USR-04-C09A**

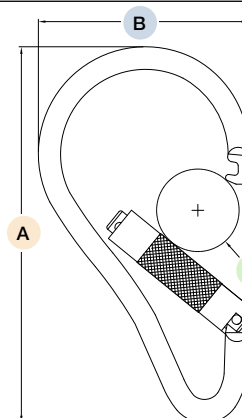
Steel Scaffold Hook w/ Captive Pin

- Twist Lock Gate
- High Tensile Steel
- Zinc Plated

GATE 16 kN

MBS  $\blacktriangleleft$  35 kN

WEIGHT 28.6 oz



ProClimb

A	B	ØC
236 mm	132 mm	52 mm

ANSI Z359.12-2009



Featuring Keylock

**USR-04-C09B**

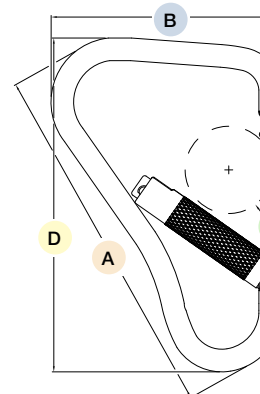
Forged Scaffold Ladder Hook w/ Captive Pin

- Twist Lock Gate
- High Tensile Steel
- Zinc Plated

GATE 16 kN

MBS  $\blacktriangleleft$  50 kN

WEIGHT 27.8 oz



ProClimb

A	B	ØC	D
222.1 mm	142.5 mm	54 mm	206.5 mm

ANSI Z359.12-2009



Featuring Keylock

available in black (USR-04-C09B-BK)

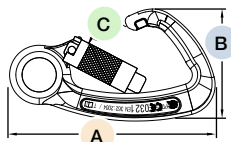


**USR-14-C9Y**

ProClimb

## Fixed Eye Steel Carabiner

- Twist Lock Gate
- Alloy Steel
- Zinc Plated



A	B	ØC
134 mm	75 mm	20 mm

ANSI Z359.12-2009



GATE 16 kN  
MBS  $\leftrightarrow$  23 kN  
WEIGHT 10.7 oz

**KNG-411-TZ**

Kong Italy

## XL Steel Carabiner

- Twist Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
114 mm	76.5 mm	25 mm

ANSI Z359.12-2009



MBS  $\leftrightarrow$  50 kN  $\updownarrow$  20 kN  
WEIGHT 8.5 oz

**KNG-411-OZ**

Kong Italy

## XL Steel Carabiner

- Triple Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
114 mm	76.5 mm	26 mm

ANSI Z359.12-2009



MBS  $\leftrightarrow$  50 kN  $\updownarrow$  20 kN  
WEIGHT 8.5 oz

**KNG-412-TZ**

Kong Italy

## Ovalone Carabiner

- Twist Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
110 mm	62.6 mm	21 mm

ANSI Z359.12-2009



GATE 16 kN  
MBS  $\leftrightarrow$  40 kN  
WEIGHT 7.8 oz

**KNG-412-OZ**

Kong Italy

## Ovalone Carabiner

- Triple Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
110 mm	62.6 mm	19 mm

ANSI Z359.12-2009



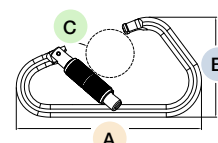
MBS  $\leftrightarrow$  40 kN  $\updownarrow$  20 kN  
WEIGHT 7.8 oz

**USR-71-CTS**

ProClimb

## Steel Ladder Hook w/ Captive Pin

- Screw Lock Gate
- High Tensile Steel
- Zinc Plated Finish
- Keylock



A	B	ØC
177 mm	94 mm	48 mm

NFPA 1983-G



MBS  $\leftrightarrow$  40 kN  
WEIGHT 13.7 oz

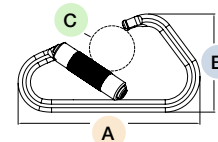
available in black (USR-71-CTSB)

**USR-71N-C09A**

ProClimb

## Steel Ladder Hook w/ Captive Pin

- Twist Lock Gate
- High Tensile Steel
- Zinc Plated Finish
- Keylock



A	B	ØC
177 mm	94 mm	48 mm

NFPA 1983-G &amp; ANSI Z359.12-2009



GATE 16 kN  
MBS  $\leftrightarrow$  40 kN  
WEIGHT 15.7 oz

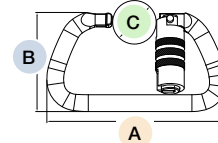
available in black (USR-71N-C09AB)

**USR-98-C09A**

ProClimb

## Large D Steel Carabiner

- Twist Lock Gate
- High Tensile Steel
- Zinc Plated Finish
- Keylock



A	B	ØC
128 mm	71 mm	30 mm

NFPA 1983-G &amp; ANSI Z359.12-2009



GATE 16 kN  $\hookrightarrow$  16 kN  
MBS  $\leftrightarrow$  60 kN  $\updownarrow$  16 kN  
WEIGHT 11.3 oz

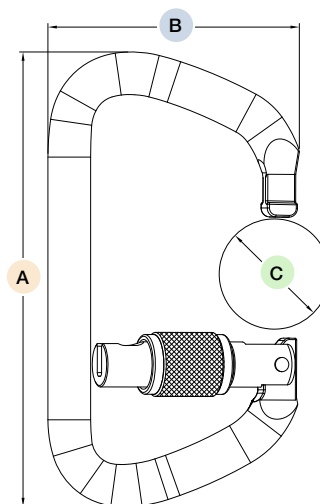
available in black (USR-98-C09AB)

**USR-98-C09S**

Large D Steel Carabiner

- Screw Lock Gate
- High Tensile Steel
- Zinc Plated Finish
- Keylock

GATE 16 kN  
 MBS 60 kN 16 kN  
 WEIGHT 9.7 oz



ProClimb



A	B	ØC
128 mm	71 mm	31 mm

NFPA 1983-G



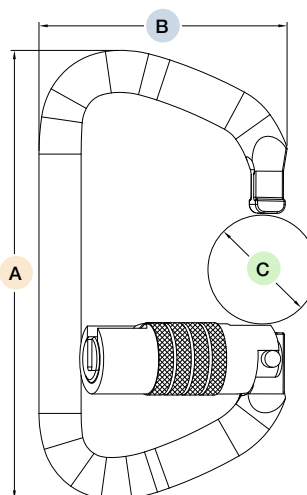
available in black (USR-98-C09SB)

**USR-98-C09T**

Large D Steel Carabiner

- Triple Lock Gate
- High Tensile Steel
- Zinc Plated Finish
- Keylock

GATE 16 kN 16 kN  
 MBS 60 kN 16 kN  
 WEIGHT 11.3 oz



ProClimb



A	B	ØC
128 mm	71 mm	31 mm

NFPA 1983-G &amp; ANSI Z359.12-2009



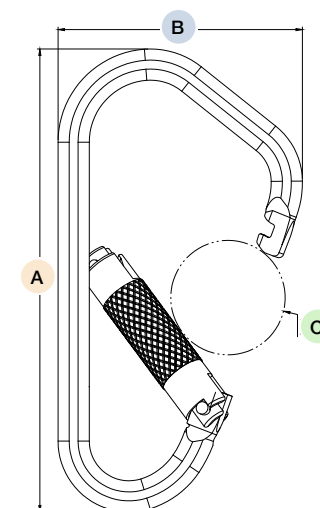
available in black (USR-98-C09TB)

**USR-71-CTL**

Fire Fighter Hook w/ Captive Pin

- Twist Lock Gate
- High Tensile Steel
- Zinc Plated Finish

MBS 40 kN  
 WEIGHT 14.4 oz

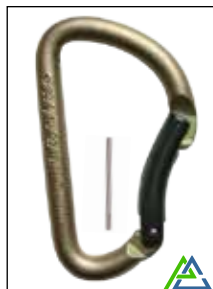


ProClimb

A	B	ØC
177 mm	94 mm	44 mm

CE EN362

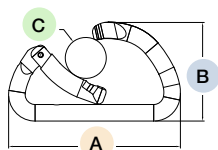


**USR-67**

ProClimb

Mod. D Carabiner w/ Captive Pin

- Bent Gate
- High Tensile Steel
- Zinc Plated Finish
- Keylock



A	B	ØC
104 mm	60 mm	24.5 mm

GATE 12 kN

MBS 30 kN 10 kN

WEIGHT 4.5 oz

**KNG-511-L3**

Kong Italy

XL Inox Rescue Steel Carabiner

- Screw Lock Gate
- Stainless Steel
- Keylock



L	W	Gate Ø
114 mm	76.5 mm	26 mm

MBS 35 kN 11 kN

WEIGHT 8.8 oz

**KNG-412-L1**

Kong Italy

Ovalone Carbon Steel Carabiner

- Screw Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
110 mm	62.6 mm	21 mm

GATE 12 kN

MBS 40 kN 15 kN

WEIGHT 7.2 oz

**KNG-511-SN**

Kong Italy

XL Inox Steel Carabiner

- Triple Lock Gate
- Stainless Steel
- Keylock



L	W	Gate Ø
114 mm	76.5 mm	26 mm

MBS 35 kN 11 kN

WEIGHT 8.8 oz

**KNG-411-L1**

Kong Italy

XL Carbon Steel Carabiner

- Screw Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
114 mm	76.5 mm	26.5 mm

GATE 20 kN

MBS 50 kN 13 kN

WEIGHT 8.5 oz

**KNG-567-10**

Kong Italy

Cross Bar Carabiner

- Straight Gate
- Stainless Steel
- Keylock



L	W	Gate Ø
99 mm	56 mm	18 mm

GATE 8 kN

MBS 24 kN 7 kN

WEIGHT 4.5 oz

**KNG-462-C1**

Kong Italy

Classic Oval Steel Carabiner

- Screw Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
106.5 mm	54 mm	16 mm

GATE 7 kN

MBS 24 kN 10 kN

WEIGHT 5.0 oz

**KNG-411-SN**

Kong Italy

XL Carbon Steel Carabiner

- Triple Lock Gate
- Carbon Steel
- Keylock



L	W	Gate Ø
114 mm	76.5 mm	27 mm

MBS 50 kN 13 kN

WEIGHT 8.5 oz



**USR-19-A3T9**

i-Beam Carabiner

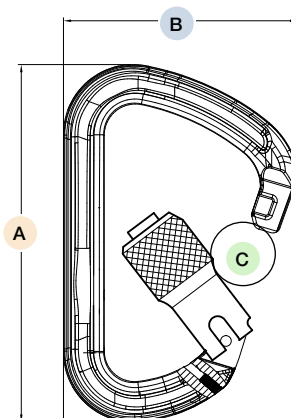
**NEW**

ProClimb

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock

GATE  $\updownarrow$  16 kN  $\infty$  8 kNMBS  $\leftarrow$  27 kN  $\updownarrow$  16 kN

WEIGHT 4.1 oz



A	B	ØC
117 mm	77 mm	18 mm



optional pin kit available

NFPA 1983 &amp; ANSI Z359.12

**USR-19-AT9**

i-Beam Carabiner

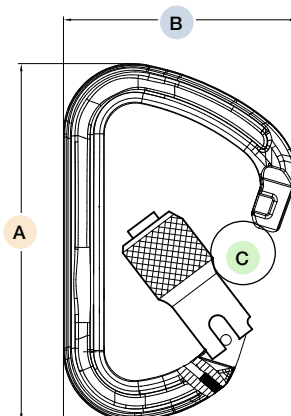
**NEW**

ProClimb

- Twist Lock Gate
- Aluminum Alloy
- Anodized
- Keylock

GATE  $\updownarrow$  16 kN  $\infty$  8 kNMBS  $\leftarrow$  27 kN  $\updownarrow$  16 kN

WEIGHT 4.1 oz



A	B	ØC
117 mm	77 mm	18 mm



optional pin kit available

NFPA 1983 &amp; ANSI Z359.12

**USR-12-ATL**

HMS Aluminum Carabiner

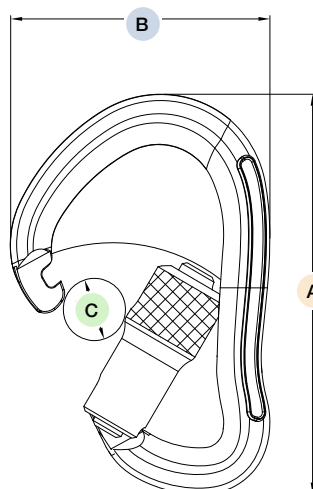
ProClimb

- Twist Lock Gate
- Aluminum Alloy
- Anodized

GATE 16 kN

MBS  $\leftarrow$  23 kN

WEIGHT 4.8 oz



A	B	ØC
122 mm	79.1 mm	19 mm

ANSI Z359.12-2009



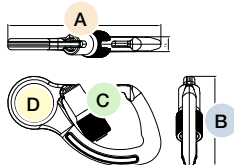


**USR-14-ATL9**

ProClimb

Forged Aluminum Carabiner w/ Fixed Eye

- Twist Lock Gate
- Aluminum Alloy
- Anodized



A	B	ØC	ØD
144.2 mm	76.8 mm	19 mm	30 mm

ANSI Z359.12-2009



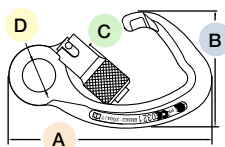
GATE 16 kN  
MBS 25 kN  
WEIGHT 5.6 oz

**USR-14-A9Y**

ProClimb

Aluminum Carabiner w/ Fixed Eye

- Twist Lock Gate
- Aluminum Alloy
- Anodized



A	B	ØC	ØD
141 mm	81 mm	25 mm	23 mm

ANSI Z359.12-2009



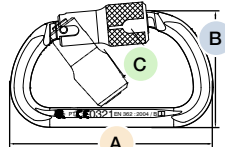
GATE 16 kN  
MBS 23 kN  
WEIGHT 4.6 oz

**USR-12D-ATLY**

ProClimb

Aluminum Alloy Carabiner

- Twist Lock Gate
- Aluminum Alloy
- Anodized



A	B	ØC
124 mm	76 mm	20 mm

ANSI Z359.12-2009



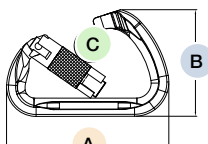
GATE 16 kN  
MBS 23 kN  
WEIGHT 4.6 oz

**USR-117-ATL**

ProClimb

Modified D Aluminum Carabiner

- Twist Lock Gate
- Aluminum Alloy
- Anodized
- Keylock



A	B	ØC
112 mm	72 mm	22 mm

NFPA 1983-T



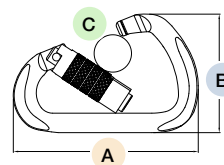
MBS 28 kN 8 kN  
WEIGHT 3.0 oz

**USR-19-A3T**

ProClimb

i-Beam Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock



A	B	ØC
117 mm	77 mm	23 mm

NFPA 1983



GATE 8 kN  
MBS 27 kN 9 kN  
WEIGHT 3.4 oz

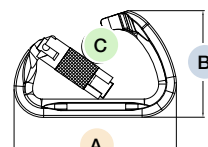
optional pin kit available

**USR-19-ATL**

ProClimb

i-Beam Carabiner

- Twist Lock Gate
- Aluminum Alloy
- Anodized
- Keylock



A	B	ØC
117 mm	77 mm	23 mm

NFPA 1983



GATE 8 kN  
MBS 27 kN 9 kN  
WEIGHT 3.6 oz

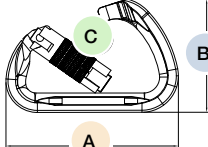
optional pin kit available

**USR-107-A3TU**

ProClimb

Aluminum Big D Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock



A	B	ØC
112 mm	72 mm	22 mm



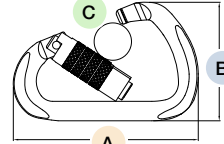
MBS 8 kN 8 kN  
WEIGHT 3.0 oz

**USR-128-A3TU**

ProClimb

Copper Head Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock



A	B	ØC
114 mm	73 mm	23 mm



MBS 24 kN 8 kN  
WEIGHT 3.4 oz

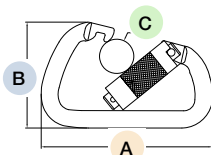


**USR-14-ATL**

ProClimb

Modified D Rescue Carabiner

- Twist Lock Gate
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  25 kN

WEIGHT 3.0 oz

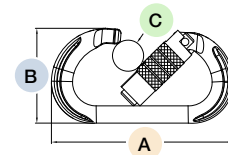
A	B	ØC
110 mm	67.6 mm	21 mm

**USR-127-A3TU**

ProClimb

True Oval Aluminum Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock

MBS  $\leftrightarrow$  5,000 lbs  $\leftrightarrow$  7 kN

WEIGHT 2.9 oz

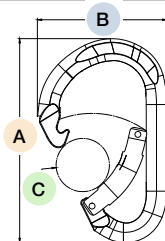
A	B	ØC
111 mm	60.5 mm	19 mm

**USR-121-ABUU**

ProClimb

HMS Aluminum Carabiner

- Bent Gate
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  20 kN

WEIGHT 3.0 oz

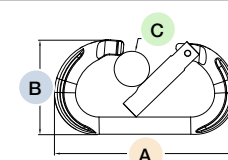
A	B	ØC
118.7 mm	75.4 mm	31 mm

**USR-127-AU**

ProClimb

True Oval Aluminum Carabiner

- Straight Gate
- Aluminum Alloy
- Anodized
- Keylock

GATE  $\hookrightarrow$  7 kNMBS  $\leftrightarrow$  5,000 lbs  $\leftrightarrow$  7 kN

WEIGHT 2.4 oz

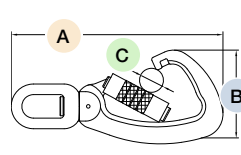
A	B	ØC
111 mm	60.5 mm	22 mm

**USR-221-A3TU**

ProClimb

Aluminum Swivel Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock

MBS  $\leftrightarrow$  25 kN

WEIGHT 6.0 oz

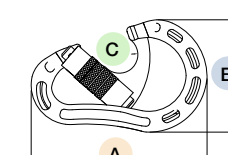
A	B	ØC
180 mm	76 mm	20 mm

**USR-125-A3TU**

ProClimb

Forged HMS Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock

MBS  $\leftrightarrow$  22 kN\*  $\leftrightarrow$  9 kN

WEIGHT 3.1 oz

A	B	ØC
118 mm	78 mm	26 mm



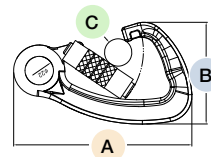
\*22 kN is equivalent to 5,000 lbs

**USR-140-A3TU**

ProClimb

Aluminum Carabiner w/ Fixed Eye

- Triple Lock Gate
- Aluminum Alloy
- Anodized
- Keylock

MBS  $\leftrightarrow$  28 kN

WEIGHT 3.9 oz

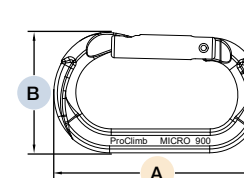
A	B	ØC	ØD
140 mm	79 mm	22 mm	22 mm

**USR-109P**

ProClimb

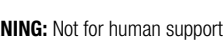
Micro 900 Carabiner

- Straight Gate
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  4 kN

WEIGHT 0.4 oz

A	B	Gate Ø
57.1 mm	33.3 mm	12 mm

available in blue (USR-109BL) and lime (USR-109LG) **WARNING:** Not for human support.



**KAA-60-08**

ProClimb

## Tool Accessory Carabiner

- Straight Gate
- Aluminum Alloy
- Anodized



L	W	Gate Ø
60.7 mm	31.2 mm	13.5 mm

WEIGHT 0.3 oz

mixed color assortment chosen at random

⚠ **WARNING:** Not for human support.**KNG-751**

Kong Italy

## Mini D Carabiner

- Straight Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
80 mm	44 mm	15 mm

MBS ⬅ 6 kN

WEIGHT 1.1 oz

⚠ **WARNING:** Not for human support.**KNG-266**

Kong Italy

## Paddle Carabiner

- Bent Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
116 mm	75 mm	32 mm

GATE ⤵ 7 kN

MBS ⬅ 22 kN ⬆ 8 kN

WEIGHT 2.8 oz

**KNG-712-SN**

Kong Italy

## Ovalone Aluminum Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
110 mm	62.6 mm	21 mm

MBS ⬅ 26 kN ⬆ 9 kN

WEIGHT 2.8 oz

**KNG-901**

Kong Italy

## Paddle Carabiner

- Wire Bent Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
116 mm	75 mm	32 mm

GATE ⤵ 7 kN

MBS ⬅ 22 kN ⬆ 8 kN

WEIGHT 2.5 oz

**KNG-730-A1**

Kong Italy

## Oval Classic Carabiner

- Screw Lock Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
105 mm	54 mm	16 mm

GATE ⤵ 7 kN

MBS ⬅ 22 kN ⬆ 7 kN

WEIGHT 2.3 oz

**KNG-710**

Kong Italy

## Oval Aluminum Carabiner

- Straight Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
105 mm	54 mm	16 mm

GATE ⤵ 7 kN

MBS ⬅ 22 kN ⬆ 7 kN

WEIGHT 2.1 oz

**KNG-713**

Kong Italy

## Guide Carabiner

- Straight Gate
- Aluminum Alloy
- Keylock



L	W	Gate Ø
110 mm	62.5 mm	22 mm

GATE ⤵ 10 kN

MBS ⬅ 30 kN ⬆ 10 kN

WEIGHT 2.3 oz



**KNG-733-A1**

Kong Italy

## Guide Carabiner

- Screw Lock Gate
- Aluminum Alloy
- Keylock



GATE 10 kN  
 MBS 30 kN 10 kN  
 WEIGHT 2.5 oz

L	W	Gate Ø
110 mm	62.6 mm	19 mm

**KNG-786-A1**

Kong Italy

## HMS Pear Carabiner

- Screw Lock Gate
- Aluminum Alloy
- Keylock



GATE 6 kN  
 MBS 22 kN 8 kN  
 WEIGHT 3.1 oz

L	W	Gate Ø
116 mm	78 mm	25 mm

**KNG-778-A1**

Kong Italy

## Ferrata Carabiner

- Screw Lock Gate
- Aluminum Alloy
- Keylock



GATE 12 kN  
 MBS 30 kN 10 kN  
 WEIGHT 3.2 oz

L	W	Gate Ø
117.5 mm	80 mm	27 mm

**KNG-786-SN**

Kong Italy

## HMS Pear Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Keylock



MBS 22 kN 8 kN  
 WEIGHT 3.4 oz

L	W	Gate Ø
116 mm	78 mm	23 mm

**KNG-778-G1**

Kong Italy

## Ferrata Express Carabiner

- Slide Lock Gate
- Aluminum Alloy
- Keylock



GATE 12 kN  
 MBS 30 kN 10 kN  
 WEIGHT 3.2 oz

L	W	Gate Ø
117.5 mm	80 mm	27 mm

**KNG-911-A1**

Kong Italy

## XL Aluminum Rescue Carabiner

- Screw Lock Gate
- Aluminum Alloy
- Keylock



GATE 9 kN  
 MBS 30 kN 9 kN  
 WEIGHT 3.2 oz

L	W	Gate Ø
114 mm	76.5 mm	27 mm

**KNG-778-SN**

Kong Italy

## Ferrata Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Keylock



MBS 30 kN 8 kN  
 WEIGHT 3.4 oz

L	W	Gate Ø
117.5 mm	80 mm	26 mm

**KNG-911-SN**

Kong Italy

## XL Aluminum Rescue Carabiner

- Triple Lock Gate
- Aluminum Alloy
- Keylock



MBS 30 kN 9 kN  
 WEIGHT 3.4 oz

L	W	Gate Ø
114 mm	76.5 mm	26 mm





**KNG-810-1**

Fast-Rubber Rope Fastener

Kong Italy

- Rubber
- Universal Size

COLOR Black

WEIGHT 0.1 oz



For connectors / carabiners with a body diameter of 8 to 11 mm.

**KNG-813**

Fast-Nylon Rope Fastener

Kong Italy

- Nylon
- Universal Size

COLOR Yellow



For connectors / carabiners with a body diameter of 8 to 11 mm.

**KNG-810**

Fast-Inox Stainless Steel Retainer Clip

Kong Italy

- Stainless Steel
- Reusable

SKU	Size
KNG-810-08	8 mm
KNG-810-12	12 mm



Mobile rope fastener made of stainless steel to be inserted on the carabiner body.

**USR-01-CF09B**

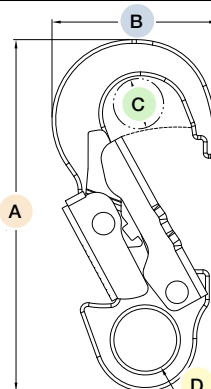
Steel Snaphook

- Double Action Gate
- High Tensile Steel
- Zinc Plated

GATE 16 kN

MBS  $\blacktriangleleft$  23 kN

WEIGHT 10.3 oz



ProClimb

A	B	ØC	ØD
140 mm	66 mm	20 mm	25 mm

ANSI Z359.12-2009

**USR-01-CF07**

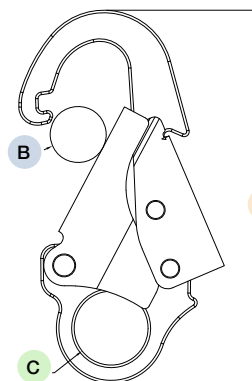
Steel Snaphook w/ Fixed Eye

- Double Action Gate
- High Tensile Steel
- Zinc Plated

GATE 16 kN

MBS  $\blacktriangleleft$  45 kN

WEIGHT 12.2 oz



ProClimb

A	ØB	ØC
145 mm	22 mm	29 mm

ANSI Z359.12-2009

**USR-01-CF09**

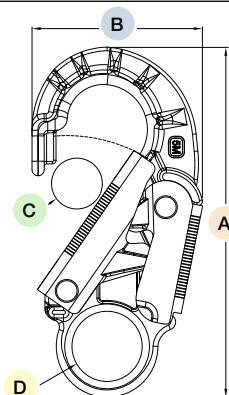
Forged Steel Snaphook w/ Fixed Eye

- Double Action Gate
- High Tensile Steel
- Zinc Plated

GATE 16 kN

MBS  $\blacktriangleleft$  23 kN

WEIGHT 12.6 oz



ProClimb

A	B	ØC	ØD
145 mm	75 mm	22 mm	29 mm

ANSI Z359.12-2009

**USR-02-CS07**

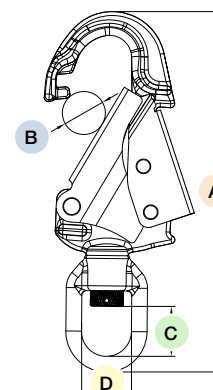
Forged Steel Swivel Snaphook

- Double Action Gate
- High Tensile Steel
- Zinc Plated

GATE 16 kN

MBS  $\blacktriangleleft$  50 kN

WEIGHT 17.8 oz



ProClimb

A	ØB	C	D
183 mm	22 mm	27 mm	25 mm

ANSI Z359.12-2009





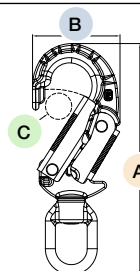
**USR-02-CS09B**

ProClimb

Forged Steel Swivel Snaphook

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC
185.4 mm	73 mm	21 mm



ANSI Z359.12-2009



GATE 16 kN  
MBS ↔ 23 kN  
WEIGHT 16.9 oz

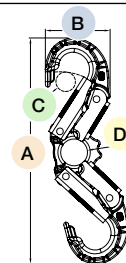
**USR-16-CDL**

ProClimb

Forged Steel Spreader Snaphook

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC	ØD
245 mm	73 mm	21 mm	29.8 mm



ANSI Z359.12-2009



GATE 16 kN  
MBS ↔ 23 kN  
WEIGHT 25.6 oz

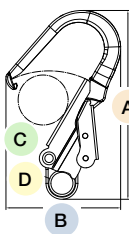
**USR-BRH-C09B**

ProClimb

Forged Steel Rebar Hook w/ Fixed Eye

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC	ØD
219 mm	133 mm	58 mm	25.6 mm



ANSI Z359.12-2009



GATE 16 kN  
MBS ↔ 40 kN  
WEIGHT 21.0 oz

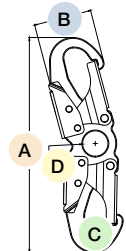
**USR-16S-CDL**

ProClimb

Steel Spreader Snaphook - Economy

- Double Action Gate
- High Tensile Steel
- Zinc Plated
- Thin Profile

A	B	ØC	ØD
246 mm	66 mm	22 mm	29 mm



ANSI Z359.12-2009



GATE 16 kN  
MBS ↔ 23 kN  
WEIGHT 23.6 oz

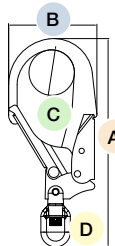
**USR-BRH-SC09**

ProClimb

Steel Swivel Ladder Hook

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC	ØD
294 mm	124 mm	60 mm	25.5 mm



ANSI Z359.12-2009



GATE 16 kN  
MBS ↔ 45 kN  
WEIGHT 31.0 oz

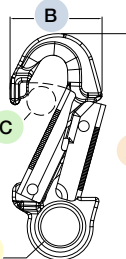
**USR-01-CFE**

ProClimb

Steel Spreader Snaphook w/ Fixed Eye

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC	ØD
141 mm	57.6 mm	18 mm	25 mm



NSN 5340-01-157-6088



MBS ↔ 23 kN  
WEIGHT 10.4 oz

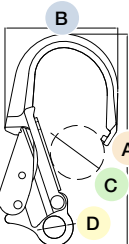
**USR-BRH-C09**

ProClimb

Forged Steel Rebar Hook w/ Fixed Eye

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC	ØD
236 mm	125 mm	60 mm	25 mm



ANSI Z359.12-2009



GATE 16 kN  
MBS ↔ 50 kN  
WEIGHT 27.3 oz

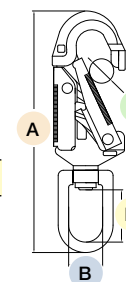
**USR-02-CSE**

ProClimb

Forged Steel Swivel Snaphook

- Double Action Gate
- High Tensile Steel
- Zinc Plated

A	B	ØC	D
184 mm	25.8 mm	19 mm	37 mm



MBS ↔ 23 kN  
WEIGHT 13.6 oz

**USR-59-AY**

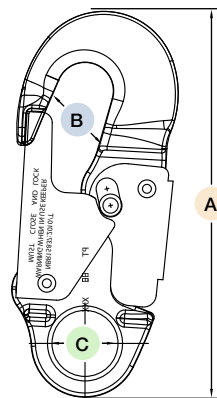
Forged Aluminum Snaphook

- Double Action Gate
- Aluminum Alloy
- Anodized

GATE 16 kN

MBS  $\leftrightarrow$  23 kN

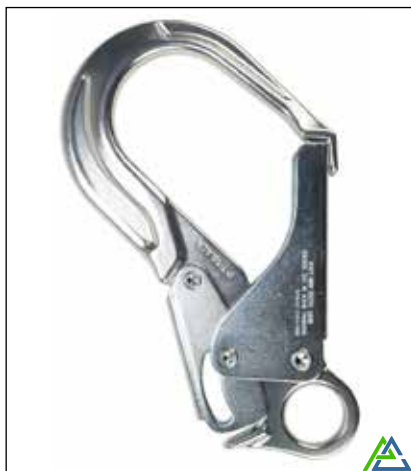
WEIGHT 8.9 oz



ProClimb

A	ØB	ØC
152 mm	20.1 mm	26 mm

ANSI Z359.12-2009

**USR-BRHA-9Y**

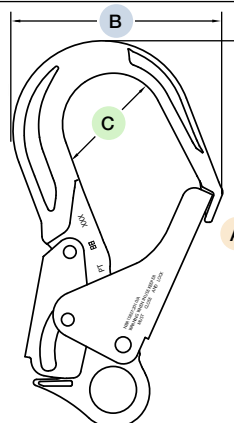
Aluminum Rebar Hook w/ Fixed Eye

- Double Action Gate
- Aluminum Alloy
- Anodized

GATE 16 kN

MBS  $\leftrightarrow$  23 kN

WEIGHT 24.7 oz



ProClimb

A	B	ØC
248 mm	135 mm	60 mm

ANSI Z359.12-2009

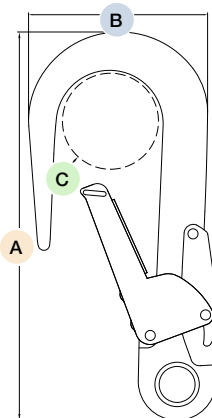
**USR-LDR-A**

Aluminum Ladder Hook w/ Fixed Eye

- Double Action Gate
- Aluminum

MBS  $\leftrightarrow$  25 kN

WEIGHT 16.8 oz



ProClimb

A	B	ØC
238 mm	115 mm	60 mm

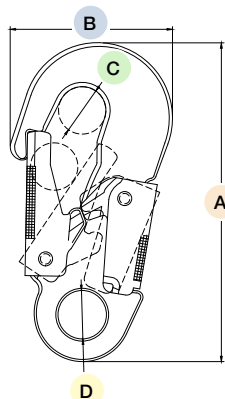
**USR-40-A**

Red Baron Snaphook w/ Fixed Eye

- Double Action Gate
- Aluminum Alloy
- Anodized
- Thin Profile

MBS  $\leftrightarrow$  27 kN

WEIGHT 5.0 oz



ProClimb

A	B	ØC	ØD
149 mm	75 mm	22 mm	22.5 mm



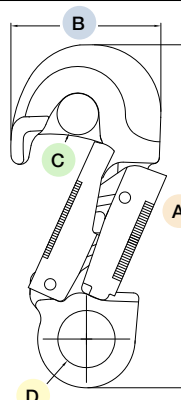
**USR-50-AB**

Forged Aluminum Snaphook w/ Fixed Eye

- Double Action Gate
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  27 kN

WEIGHT 5.7 oz



ProClimb



A	B	ØC	ØD
157 mm	69 mm	19 mm	26 mm

available in black (USR-50-ABK) &amp; red (USR-50-AR)

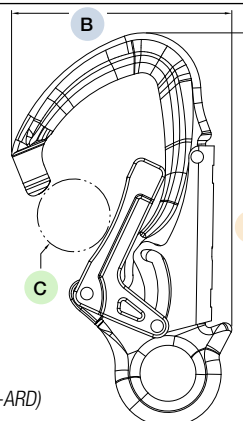
**USR-143-ABU**

Aluminum Safety Snaphook w/ Fixed Eye

- Triple Action Gate
- Aluminum Alloy
- Anodized

GATE  $\hookrightarrow$  12 kNMBS  $\leftrightarrow$  30 kN  $\updownarrow$  10 kN

WEIGHT 4.7 oz



ProClimb

A	B	ØC
140 mm	71 mm	23.5 mm

available in black (USR-143-ABK) &amp; red (USR-143-ARD)

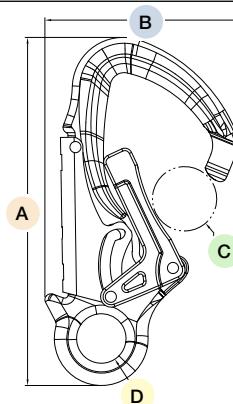
**USR-145-ARU**

Forged Aluminum Snaphook w/ Fixed Eye

- Double Action Gate
- Aluminum Alloy
- Anodized
- Keylock

MBS  $\leftrightarrow$  40 kN

WEIGHT 4.4 oz



ProClimb



A	B	ØC	ØD
141 mm	79 mm	25 mm	20 mm

available in black (USR-145-ABKU)

**KNG-715-BLK**

Tango Wide Opening Safety Snaphook w/ Fixed Eye

- Double Action Gate
- Aluminum Alloy
- Anodized
- Keylock

Kong Italy

GATE  $\hookrightarrow$  15 kNMBS  $\leftrightarrow$  33 kN  $\updownarrow$  10 kN

WEIGHT 4.6 oz

L	W	Gate Ø
136 mm	70 mm	26 mm



**USR-835-AU**

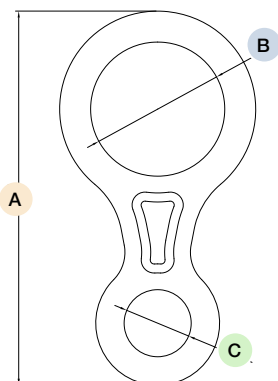
## Aluminum Figure 8 Descender

- Aluminum Alloy
- Anodized

ROPE SIZE Ø 9 mm to Ø 12 mm

MBS 35 kN

WEIGHT 4.3 oz



ProClimb



A	ØB	ØC
145 mm	52 mm	26 mm

**KNG-805-03B**

## Aluminum Classic Figure 8 Descender

- Aluminum Alloy

ROPE SIZE Ø 9 mm to Ø 12 mm

WEIGHT 3.9 oz

L  
140 mm

Kong Italy



NIT 271-1  
NIT 271-2

**USR-840-AU**

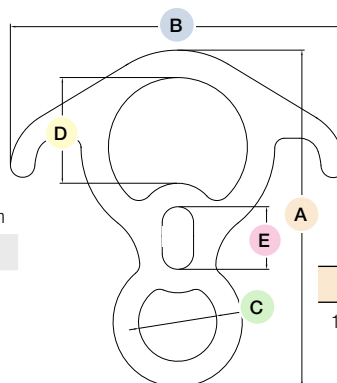
## Big 8 Aluminum Descender w/ Ears

- Aluminum Alloy
- Anodized

ROPE SIZE Ø 9 mm to Ø 16 mm

MBS 40 kN

WEIGHT 9.1 oz



ProClimb

A	B	ØC	D	E
170 mm	171 mm	40 mm	54 mm	32 mm

**USR-850-S**

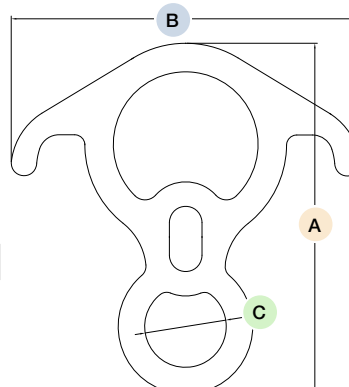
## Big 8 Stainless Steel Descender w/ Ears

- Stainless Steel

ROPE SIZE Ø 11 mm to Ø 16 mm

MBS 50 kN

WEIGHT 26.0 oz



ProClimb

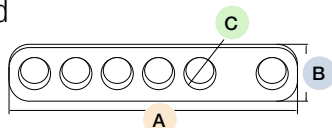
A	B	ØC
170 mm	171 mm	40 mm

**USR-TP**

ProClimb

## Aluminum Termination Plate

- Aluminum Alloy
- Anodized



3-STRAND SIZE	Ø 16 mm to Ø 19 mm
KERNMANTLE SIZE	Ø 13 mm to Ø 16 mm
UTS	22 kN   5,000 lbs
WEIGHT	8.8 oz

**KNG-874-03**

Kong Italy

## Trender Aluminum Double Ascender

- Aluminum Alloy
- Stainless Steel



ROPE SIZE	Ø 8 mm to Ø 13 mm
WEIGHT	19.4 oz

L
220.4 mm

**KNG-896**

Kong Italy

## Lift Ascender

- Aluminum Alloy
- Right & Left-Handed Options



ROPE SIZE	Ø 8 mm to Ø 13 mm
WEIGHT	7.9 oz

L
139 mm

available in red for right hand (KNG-896-D)  
or in blue for left hand (KNG-896-S)

**KNG-802**

Kong Italy

## Back-Up Fall Arrester w/ Carabiner

- Aluminum Alloy
- Stainless Steel



ROPE SIZE	Ø 10 mm to Ø 12 mm
WEIGHT	7.2 oz

L
99.5 mm

**KNG-888**

Kong Italy

## Duck Multiuse Belay Device

- Aluminum Alloy



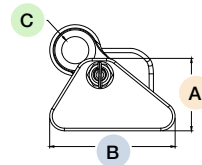
L
63 mm

**USR-MRG-200**

ProClimb

## Aluminum Mini Rope Grab

- Fixed Bolt & Nut
- Aluminum Alloy
- Hard Anodized
- Removable Cam



ROPE SIZE	Ø 11 mm to Ø 16 mm
WEIGHT	11.0 oz

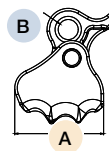
A	B	ØC
42.5 mm	73.6 mm	15.9 mm

**USR-MRG-300**

ProClimb

## Better Grab Rope Grab

- Stainless Steel Core
- Non-Removable Aluminum Alloy Cam
- Ergonomic, Rubberized Cover
- Large Thumb Rest for Precise Control



ROPE SIZE	Ø 1/2" to Ø 5/8"
WEIGHT	8.3 oz

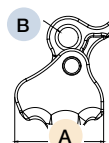
A	ØB
71 mm	16 mm

**USR-MRG-333**

ProClimb

## Better Grab Removable Rope Grab

- Stainless Steel Core
- Removable Aluminum Alloy Cam
- Ergonomic, Rubberized Cover
- Large Thumb Rest for Precise Control



ROPE SIZE	Ø 7/16" to Ø 5/8"
WEIGHT	8.7 oz

A	ØB
71 mm	16 mm



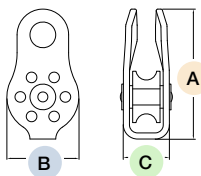


**USR-PFB-AU**

ProClimb

## Fixed Side Mini Pulley

- Single Sheave
- Fixed Side
- Aluminum Alloy
- Anodized

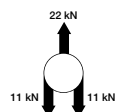


ROPE SIZE Up to Ø 13 mm

MBS 5,000 lbs

WEIGHT 3.0 oz

A	B	C
80.5 mm	44 mm	28.6 mm

**KNG-839**

ProClimb

## Alby Aluminum Treeclimbing Pulley

- Single Sheave
- Swing Side
- Taper Bush Lock
- Aluminum Alloy

ROPE SIZE Up to Ø 26 mm

LOAD 50 kN

EFFICIENCY 93%

WEIGHT 40.6 oz

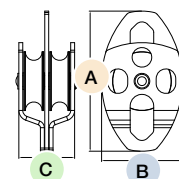
L
236.5 mm

**USR-PTW-AU**

ProClimb

## Aluminum Swing Side Pulley

- Twin Sheave
- Swing Side
- Aluminum Alloy
- Anodized

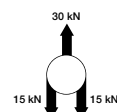


ROPE SIZE Up to Ø 16 mm

MBS 30 kN

WEIGHT 14.9 oz

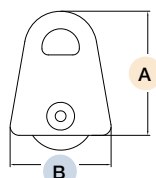
A	B	C
143 mm	82 mm	57 mm

**USR-PMS-AU**

ProClimb

## Aluminum Swing Pulley

- Single Sheave
- Swing Side
- Aluminum Alloy
- Anodized

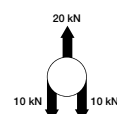


ROPE SIZE Up to Ø 11 mm

MBS 20 kN

WEIGHT 4.3 oz

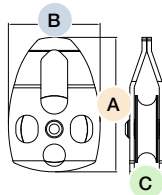
A	B
72 mm	58 mm

**USR-PSW-AU**

ProClimb

## Extra Roll Aluminum Pulley

- Single Sheave
- Extra Roll
- Aluminum Alloy
- Anodized

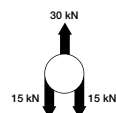


ROPE SIZE Up to Ø 16 mm

MBS 30 kN

WEIGHT 8.7 oz

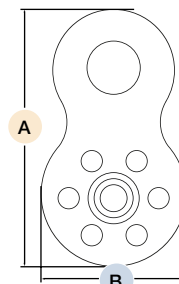
A	B	C
121 mm	82 mm	30.5 mm

**USR-P16**

ProClimb

## Micro Pulley

- Single Sheave
- Swing Side
- Aluminum Alloy
- Anodized

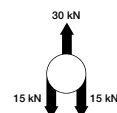


ROPE SIZE Up to Ø 13 mm

MBS 30 kN

WEIGHT 5.8 oz

A	B
3 in	1.5 in



**KNG-700-200**

Kong Italy

## Frog Cable

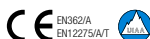
- Auto-Closure Gate
- Aluminum Alloy



L	W	Gate Ø
89 mm	51 mm	12.7 mm

MBS  $\leftrightarrow$  26 kN

WEIGHT 1.8 oz

**KNG-761-120B**

Kong Italy

## Frog Express

- Auto-Closure Gate
- Aluminum Alloy

MBS  $\leftrightarrow$  22 kN

WEIGHT 2.5 oz

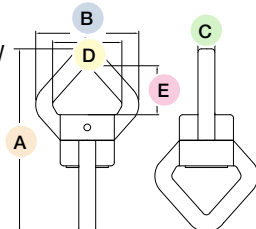
Sling L	Frog L	Frog W	Gate Ø
120 mm	86 mm	51 mm	12.7 mm

**USR-DSL-AN**

ProClimb

## Rescue Swivel

- Ball Bearing
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  40 kN

WEIGHT 5.6 oz

A	B	C	D	E
108 mm	61 mm	10 mm	35 mm	28 mm

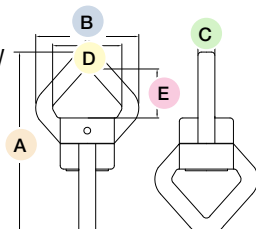
NFPA 1983-G

**USR-DSL-A**

ProClimb

## Aluminum Swing Side Pulley

- Twin Sheave
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  40 kN

WEIGHT 5.6 oz

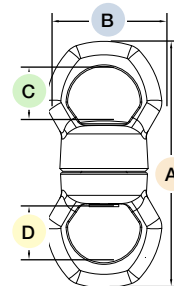
A	B	C	D	E
108 mm	55 mm	10 mm	35 mm	28 mm

**USR-DSR**

ProClimb

## Forged Aluminum Eye-To-Eye Swivel

- Ball Bearing
- Aluminum Alloy
- Anodized

MBS  $\leftrightarrow$  5,000 lba

WEIGHT 3.2 oz

A	B	C	D
83.5 mm	39.2 mm	19 mm	18 mm

**USR-28-S**

ProClimb

## Stainless Steel Rigging Ring

- Forged Stainless Steel

Outside Ø	Inside Ø
52 mm	28 mm

MBS 24 kN

WEIGHT 3.7 oz

**USR-46-S**

ProClimb

## Stainless Steel Rigging Ring

- Forged Stainless Steel

Outside Ø	Inside Ø
70 mm	46 mm

MBS 24 kN

WEIGHT 5.4 oz

**DBF-2004-1**

ProClimb

## Forged Steel Rigging Ring

- Forged Alloy Steel
- Zinc Plated

Outside Ø	Inside Ø
102 mm	76 mm

ULTIMATE LOAD 150 kN

WEIGHT 10.0 oz

**USR-FB-STDR**

Standard Stainless Steel Fiddle Block Set

**Includes:**

- 50 ft. of 1/2" Ø Double Braid Rope

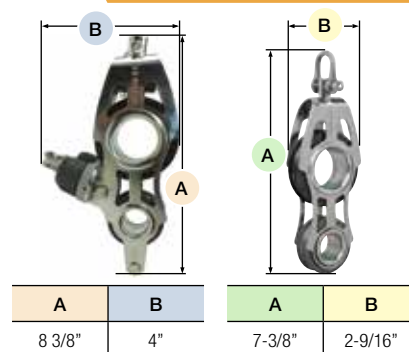
SHEAVE Ø 2-5/8"

SHACKLE 3/16"

WLL 1,000 lbs

TOTAL WEIGHT 25.0 oz

available without rope (USR-FB-STD)

**ProClimb****USR-FB-DLXR**

Deluxe Aluminum Uni-Body Fiddle Block Set

**Includes:**

- 50 ft. of 1/2" Ø Double Braid Rope
- 4:1 Mechanical Advantage

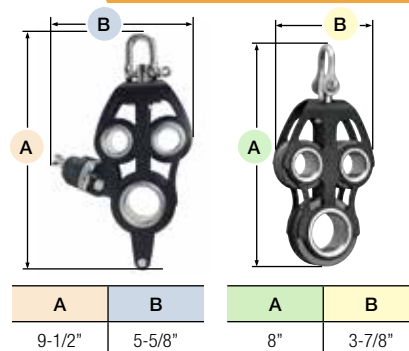
SHEAVE Ø 2-5/8"

SHACKLE 5/16"

WLL 1,000 lbs

TOTAL WEIGHT 35.0 oz

available without rope (USR-FB-DLX)

**ProClimb****KNG-289**

Trimmer Adjustable Work Positioning Lanyard

- Lightest Work-Positioning Lanyard on the Market
- Smooth Adjustment Under Load

ROPE SIZE Ø 11 mm

SKU	L	Weight
KNG-289-2	2 mm	13.2 oz
KNG-289-3	3 mm	16.1 oz
KNG-289-4	4 mm	18.9 oz

**Kong Italy**

CE EN358

**LYB-08Y-42**

Chainsaw Lanyard

- 1/4" Kermantle Construction
- 10" Loop
- Brass Swivel Snap

**ProClimb**

Rope Length	Overall Length
39"	42"





## Wire Core Flip Line

ProClimb

Our high visibility flip line is constructed with a Pelican Rope® 16 strand, bright neon orange polyester rope over a flexible, heavy-duty 1/4" diameter 7x19 galvanized aircraft cable (GAC).

CONSTRUCTION 16 Strand

COVER Polyester

CORE Wire

SKU	Ø
FL-A16	1/2"
FL-A20	5/8"
FL-A24	3/4"

- Available in 6', 8', 10', 12', 15' and 18'
- Includes ANSI Certified Z359.12-2009 Swivel-Eye or Fixed-Eye Snap Hook
- Optional Urethane Coating

ANSI Z133



**WARNING:** Do not use near electrical lines.



## All-In-One Flip Line Kit

ProClimb

**Complete with all the necessary components, this heavy-duty and economical Flip Line Kit Includes:**

CONSTRUCTION 16 Strand

COVER Polyester

CORE Wire

SKU	Ø
FLK-A16	1/2"
FLK-A20	5/8"

- Flip line in lengths of 6', 8', 10', or 12'
- Aluminum Mini Rope Grab - USR-200-MRG (on page 21)
- Copper Head Carabiner - USR-128-A3TU (on page 11)

ANSI Z133



**WARNING:** Do not use near electrical lines.



## Better Grab™ Flip Line Kit

ProClimb

### The New Standard in Arborist Flip Lines

This set includes all components of our standard All-In-One Flip Line Kit but featuring our brand new Better Grab Rope Grab - USR-300-MRG (on page 21).

CONSTRUCTION 16 Strand

COVER Polyester

CORE Wire

SKU	Ø
FLK3-A16	1/2"
FLK3-A20	5/8"

#### The Better Grab Rope Grab has a(n):

- Stainless steel core
- Ergonomic rubberized cover
- Anodized aluminum cam
- Large thumb rest for precise control

ANSI Z133



**WARNING:** Do not use near electrical lines.

# THE Tree-Guy™

The Tree Installer's Choice

## What Makes The Tree-Guy so unique?



Less labor! The Tree-Guy installs in less than **1/2 the time** of other systems.



Environmentally friendly! Not only is the The Tree-Guy far more efficient, its overall quality is gentle on trees.



No special tools required! Although we offer a heavy-duty anchoring tool, IPS steel pipe can be used to drive our unique anchor to the ground.



Custom design! We can also design a Tree-Guy system to your exact needs & specifications & still save you money!



### Tree Support Systems

#### TG-1



##### Includes:

- Arrow Anchor
- Limit Springs
- Tensioner
- Tree Collar
- 13' Long White Vinyl Coated Cable

#### TG-2



##### Includes:

- Arrow Anchor
- Tensioner
- Tree Collar
- 13' Long White Vinyl Coated Cable

#### TG-3



##### Includes:

- Arrow Anchor
- 12' Long Tree-Tie Webbing

#### TG-4B-G



CAM-LOCK ADJUSTER

##### Includes:

- Arrow Anchor
- Cam-Lock Adjuster
- 13' Long Tree-Tie Webbing

### The Arrow Tree Anchor

#### TG-ANCHOR



The Patented Arrow Anchor. Black toughen nylon. Great holding power and easy to set. Arrow anchor only.

WEIGHT < 2 oz

### Tree-Tie Webbing



This non-stretch polypropylene webbing repels water; making it mildew resistant and a cost effective solution to other materials. Tree-Guy™ Tree-Tie is environmentally friendly.

WEBBING WIDTH	3/4"
TENSILE STRENGTH	900 lbs
COLOR	Olive

available in white

SKU	LENGTH
TA-WEB-150G	150 ft
TA-WEB-250G	250 ft
TA-WEB-500G	500 ft
TA-WEB-1500G	1,500 ft







# SAFER, STRONGER AND DEPENDABLE CARABINERS

Nearly 30 years ago, Omega Pacific started out as “The Carabiner People” and we’re committed as ever to building the best ‘biners with the greatest value possible. Omega Pacific pioneered innovations that make our carabiners safer, stronger and more dependable.

Since our carabiners are made in the US, our anodizing and other production processes meet stringent environmental and worker safety standards, something that’s important to all of us, but frequently not the case for goods from overseas.



## [ JAKE 3-STAGE QUIK-LOK ]

The Jake eliminated this problem through a superior design. It always centers your belay/rappel device so that in double-rope rappels, neither strand of rope is pinched on the spine, ensuring a smooth and predictable rap’. The Jake is also equipped with a truly unique side-swing gate which provides you with greater gate clearance and ease of use.

SKU: OPHMSQ3



## [ G-FIRST NFPA QUIK-LOK & SCREW-LOK ]

Built as the new workhorse for Fire, Industrial, Rescue, Safety and Tactical industries, the G-FIRST is the world’s lightest carabiner to earn the full-strength, “General” rating from the National Fire Protection Association! Rated to 40kN, this ‘biner weighs only 4.6 oz - almost 10% lighter than other G-Rated aluminum ‘biners and less than half the weight of steel carabiners.

SKUs: OPGF55QNFA | OPGF55LNFA



## [ MODIFIED D 7/16” STEEL QUIK-LOK & SCREW-LOK ]

One of our finest designs and most successful products, the Modified D is a great handling carabiner for general use. Heat treated and plated to increase corrosion resistance, this ‘biner is a must for every rescue kit. Be sure to check out our captive-eye version which is great as a component to slings, harnesses and kits when you don’t want the carabiner to become detached.

SKUs: OP76S35Q | OP76S35L



## [ STANDARD D BRIGHT ]

You’re looking at one of the strongest aluminum carabiners in the world. At 31kN, it’s wicked-strong and represents the most durable design in basic, functional climbing carabiners. Through ISO Cold Forging, we put material exactly where it will render the strongest design possible for a carabiner of its size and materials.

SKU: OPD6



## [ 1/2 MOD D QUIK-LOK BRIGHT NFPA ]

One of our most popular carabiners, the Modified D is built from aircraft quality aluminum alloy. Internal locking threads eliminate rope wear.

When your needs call for a “Light Use” demand, the Omega line of aluminum carabiners is ready for action. Each of our industrial aluminum carabiners is UL Classified to meet or exceed NFPA 1983.01 standards.

SKU: OP12A36QNFA



## [ 3-STAGE NFPA MID-SIZE QUIK HOOK ]

This ‘biner is made from 1/2” steel barstock. It is a smaller ladder hook that allows easier handling and less weight. We’ve zinc chromate plated it to increase corrosion resistance. Its side swing gate provides an increased gate opening for greater clearance.

Best of all, it is UL Classified G and meets or exceeds NFPA 1983.01 standards.

SKU: OP12S98Q3NFPA



# WIRE ROPE & FITTINGS

## Why **SWAGE-RIGHT®**

### High-Quality Products

Swage-Right's MIL-SPEC wire rope fittings and swage sleeves are made in the USA to stringent military specifications. All our products are built from high-quality copper, stainless steel, or aluminum alloy constructions. Our tools are made here in the USA and in Japan where each tool is crafted with precision.

### Expertise in Wire Rope Assemblies

We have used Swage-Right fittings and tools in our own assembly shop for over 40 years. Trust us, we know wire rope; our experienced team can help you with even your toughest wire rope assembly problem.

### Exceptional Value

We know you need wire rope and wire rope fittings you can rely on. Swage-Right is your solution for wire rope assemblies at a great value. Our commitment to you is how we've grown into one of the largest suppliers of wire rope fittings and tools in the USA.



### Look For This Logo!



Want to evaluate our products yourself? You can find our logo next to each of our products and learn more about the specifications of our equipment to see what suits you best.



**WARNING:** Please examine your wire rope for damaged or deteriorating wire. Despite being exceptionally strong, wire rope may become damaged or break with improper use, making it unsafe. In order to avoid this, **NEVER EXCEED THE WORKING LOAD LIMIT (WLL)**, match components properly, keep out from under raised loads, avoid shock loads and inspect wire cable at regular intervals.

The swaging of compression fittings directly over plastic coated wire rope will result in severely reduced holding power and is not recommended particularly in applications where human safety, lifting or full wire strength is involved. We recommend removing a sufficient length of the plastic jacket and swaging the proper size fitting directly over the bare wire rope.

## Term Definitions

**Working Load Limit (WLL)** - The Working Load Limit is the maximum load / force allowed. Consideration must always be given to extreme high or low temperatures, chemical solutions, vapors, prolonged immersion in salt water or any other form of unusual condition. The WLL should NEVER be exceeded.

**Proof Test Load (Proof Load)** - The term "Proof Test" assigns a quality control test applied to the product for the exclusive function of exposing flaws in material or build. The Proof Test Load (normally 2x the WLL) is the load which the cable underwent & sustained without malformation when new and under laboratory test conditions. The Proof Test Load does not mean that the WLL should ever be exceeded.

**Breaking Strength** - Breaking Strength is the average force at which the product, in the condition it would leave the factory, has been found by to break when constantly increasing force is applied in direct line to the product at a steady rate of speed on a standard pull testing machine. *Remember:* Published Breaking Strengths were acquired under controlled laboratory conditions. Always refer to the Working Load Limit as a criterion for service or design purposes. Do not use the Breaking Strength for this purpose.

**Design Factor** - Also known as Safety Factor, it is the ratio of the Breaking Strength to the Working Load Limit. Usually computed by dividing the Breaking Strength by the WLL and generally expressed as a ratio (ex: 5:1).

**Shock Load** - A load occurring from rapid change of movement, such as impacting, jerking or swinging of a static load. Sudden release of tension is another form of shock loading. Shock loads are usually notably greater than static loads. Any shock loading must be considered when selecting the item for use in a system. Avoid shock loads as they may exceed the Working Load Limit.

**Mil-Spec, MS** - A military standard for wire and sleeves.

**NAS** - National Aerospace Standard.



## THE THREE MOST COMMON WIRE ROPE CONSTRUCTIONS ARE:




**1 x 19**

Very stiff, non-flexible cable usually manufactured in stainless steel or galvanized (GAC).




**7 x 7**

Moderate flexibility; usually manufactured in stainless steel or galvanized (GAC), available to military specification and also available with vinyl coating.




**7 x 19**

Very flexible, commonly referred to as "Aircraft Cable", available to Military Specifications. Usually manufactured in stainless steel or galvanized (GAC). Available with vinyl and nylon coatings.

### **1 x 19** **SwageRight** 316 Stainless Steel Wire Rope

SKU	Wire Ø	WLL*	Break Strength
W-10-002	1/16"	100 lbs	500 lbs
W-10-003	3/32"	240 lbs	1,200 lbs
W-10-004	1/8"	356 lbs	1,780 lbs
W-10-006	3/16"	800 lbs	4,000 lbs
W-10-008	1/4"	1,380 lbs	6,900 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

### **7 x 7** **SwageRight** Galvanized Steel Wire Rope

SKU	Wire Ø	WLL*	Break Strength
W-22-001	3/64"	54 lbs	270 lbs
W-22-002	1/16"	96 lbs	480 lbs
W-22-003	3/32"	184 lbs	920 lbs
W-22-004	1/8"	340 lbs	1,700 lbs
W-22-005	5/32"	520 lbs	2,600 lbs
W-22-006	3/16"	740 lbs	3,700 lbs
W-22-008	1/4"	1,220 lbs	6,100 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

### **1 x 19** **SwageRight** 304 Stainless Steel Wire Rope

SKU	Wire Ø	WLL*	Break Strength
W-11-002	1/16"	100 lbs	500 lbs
W-11-003	3/32"	240 lbs	1,200 lbs
W-11-004	1/8"	420 lbs	2,100 lbs
W-11-005	5/32"	660 lbs	3,300 lbs
W-11-006	3/16"	940 lbs	4,700 lbs
W-11-008	1/4"	1,640 lbs	8,200 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

### **7 x 7** **SwageRight** Vinyl Coated Stainless Steel Wire Rope

SKU	Wire Ø	Jacket OD	WLL*	Break Strength	Coat
W-30-512	3/64"	1/16"	54 lbs	270 lbs	Clear
W-30-523	1/16"	3/32"	96 lbs	480 lbs	Clear
W-30-534	3/32"	1/8"	184 lbs	920 lbs	Clear
W-30-545	1/8"	5/32"	340 lbs	1,700 lbs	Clear
W-30-024	1/16"	1/8"	96 lbs	480 lbs	White
W-30-047	1/8"	7/32"	340 lbs	1,700 lbs	White
W-30-060	3/16"	5/16"	740 lbs	3,700 lbs	White

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

### **7 x 7** **SwageRight** 304 Stainless Steel Wire Rope

SKU	Wire Ø	WLL*	Break Strength
W-13-001	3/64"	54 lbs	270 lbs
W-13-002	1/16"	96 lbs	480 lbs
W-13-003	3/32"	184 lbs	920 lbs
W-13-004	1/8"	340 lbs	1,700 lbs
W-13-005	5/32"	480 lbs	2,400 lbs
W-13-006	3/16"	740 lbs	3,700 lbs
W-13-008	1/4"	1,280 lbs	6,400 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

## Custom Cable Ends To Your Specifications

U.S. Rigging has successfully manufactured wire rope assemblies for countless applications for more than 40 years. Our shop is equipped to handle the simple or the complex, from 1/32" to 1/2" wire rope. Our testing and quality control has been surveyed and approved by the U.S. Department of Defense, aerospace contractors and commercial OEMs throughout the United States. Let one of our wire rope specialist find the right assembly for you by calling today.

**7 x 7****SwageRight****Vinyl Coated Galvanized Steel Wire Rope**

SKU	Wire Ø	Jacket OD	WLL*	Break Strength	Coat
W-32-512	3/64"	1/16"	54 lbs	270 lbs	Clear
W-32-523	1/16"	3/32"	96 lbs	480 lbs	Clear
W-32-524	1/16"	1/8"	96 lbs	480 lbs	Clear
W-32-534	3/32"	1/8"	184 lbs	920 lbs	Clear
W-32-334	3/32"	1/8"	184 lbs	920 lbs	Black
W-32-346	1/8"	3/16"	340 lbs	1,700 lbs	Black
W-32-546	1/8"	3/16"	340 lbs	1,700 lbs	Clear
W-32-046	1/8"	3/16"	340 lbs	1,700 lbs	White

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 19****SwageRight****304 Stainless Steel Wire Rope**

SKU	Wire Ø	WLL*	Break Strength
W-12-002	1/16"	96 lbs	480 lbs
W-12-003	3/32"	184 lbs	920 lbs
W-12-004	1/8"	352 lbs	1,760 lbs
W-12-005	5/32"	480 lbs	2,400 lbs
W-12-006	3/16"	740 lbs	3,700 lbs
W-12-008	1/4"	1,280 lbs	6,400 lbs
W-12-010	5/16"	1,800 lbs	9,000 lbs
W-12-012	3/8"	2,400 lbs	12,000 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 19****SwageRight****Galvanized Steel Wire Rope**

SKU	Wire Ø	WLL*	Break Strength
W-21-003	3/32"	200 lbs	1,000 lbs
W-21-004	1/8"	400 lbs	2,000 lbs
W-21-005	5/32"	560 lbs	2,800 lbs
W-21-006	3/16"	840 lbs	4,200 lbs
W-21-008	1/4"	1,400 lbs	7,000 lbs
W-21-010	5/16"	1,960 lbs	9,800 lbs
W-21-012	3/8"	2,880 lbs	14,400 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 19****SwageRight****Nylon Coated Galvanized Steel Wire Rope**

SKU	Wire Ø	Jacket OD	WLL*	Break Strength	Coat
W-31-246	1/8"	3/16"	400 lbs	2,000 lbs	Clear
W-31-446	1/8"	3/16"	400 lbs	2,000 lbs	Black
W-31-268	3/16"	1/4"	840 lbs	4,200 lbs	Clear
W-31-468	3/16"	1/4"	840 lbs	4,200 lbs	Black

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 7****MIL-SPEC****SwageRight****Stainless Steel Wire Rope (MIL-DTL 83420)**

SKU	Wire Ø	WLL*	Break Strength
W-13-101MS	3/64"	54 lbs	270 lbs
W-13-102MS	1/16"	96 lbs	480 lbs
W-13-103MS	3/32"	184 lbs	920 lbs
W-13-104MS	1/8"	340 lbs	1,700 lbs
W-13-105MS	5/32"	520 lbs	2,600 lbs
W-13-106MS	3/16"	740 lbs	3,700 lbs
W-13-108MS	1/4"	1,220 lbs	6,100 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 19****MIL-SPEC****SwageRight****Stainless Steel Wire Rope (MIL-DTL 83420)**

SKU	Wire Ø	WLL*	Break Strength
W-12-102MS	1/16"	96 lbs	480 lbs
W-12-103MS	3/32"	184 lbs	920 lbs
W-12-104MS	1/8"	352 lbs	1,760 lbs
W-12-105MS	5/32"	480 lbs	2,400 lbs
W-12-106MS	3/16"	740 lbs	3,700 lbs
W-12-108MS	1/4"	1,280 lbs	6,400 lbs
W-12-110MS	5/16"	1,800 lbs	9,000 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 19****MIL-SPEC****SwageRight****Galvanized Steel Wire Rope (MIL-DTL 83420)**

SKU	Wire Ø	WLL*	Break Strength
W-21-104MS	1/8"	400 lbs	2,000 lbs
W-21-105MS	5/32"	560 lbs	2,800 lbs
W-21-106MS	3/16"	840 lbs	4,200 lbs
W-21-108MS	1/4"	1,400 lbs	7,000 lbs
W-21-010MS	5/16"	1,960 lbs	9,800 lbs

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.

**7 x 19****MIL-SPEC****SwageRight****Nylon Coated Galvanized Steel Wire Rope (MIL-DTL 83420)**

SKU	Wire Ø	Jacket OD	WLL*	Break Strength	Coat
W-31-123MS	1/16"	3/32"	96 lbs	480 lbs	Clear
W-31-134MS	3/32"	1/8"	200 lbs	1,000 lbs	Clear
W-31-146MS	1/8"	3/16"	400 lbs	2,000 lbs	Clear
W-31-168MS	3/16"	1/4"	840 lbs	4,200 lbs	Clear
W-31-10810MS	1/4"	5/16"	1,400 lbs	7,000 lbs	Clear
W-31-446MS	1/8"	3/16"	400 lbs	2,000 lbs	Black
W-31-468MS	3/16"	1/4"	840 lbs	4,200 lbs	Black

\*WLL is approximately 20% of average break strength which allows a 5:1 design factor.





**S-10**

## Plain Copper Duplex Sleeves



SwageRight



SKU	Wire Ø	L	W	H	Mil-Spec
S-10-000	1/32"	0.248"	0.086"	0.129"	MS-51844-40
S-10-001	3/64"	0.375"	0.134"	0.201"	MS-51844-41
S-10-002	1/16"	0.375"	0.170"	0.251"	MS-51844-42
S-10-003	3/32"	0.425"	0.224"	0.369"	MS-51844-43
S-10-004	1/8"	0.550"	0.324"	0.492"	MS-51844-44
S-10-005	5/32"	0.625"	0.365"	0.592"	MS-51844-45
S-10-006	3/16"	1.000"	0.449"	0.671"	MS-51844-46
S-10-007	7/32"	0.875"	0.461"	0.713"	MS-51844-47
S-10-008	1/4"	1.138"	0.515"	0.810"	MS-51844-48
S-10-010	5/16"	1.125"	0.665"	1.010"	MS-51844-49
S-10-012	3/8"	1.250"	0.727"	1.110"	MS-51844-50
S-10-014	7/16"	1.750"	0.850"	1.300"	MS-51844-51
S-10-016	1/2"	1.900"	0.965"	1.480"	MS-51844-52

SwageRight™ duplex copper swage sleeves are manufactured in the U.S.A. to U.S. military standard MS-51844.

When properly machine swaged, SwageRight™ duplex copper sleeves hold 100% of the wire rope rated strength (90% for hand-swaged).

**S-11**

## Zinc Plated Copper Duplex Sleeves



SwageRight



SKU	Wire Ø	L	W	H	Mil-Spec
S-11-000	1/32"	0.248"	0.086"	0.129"	MS-51844-20
S-11-001	3/64"	0.375"	0.134"	0.201"	MS-51844-21
S-11-002	1/16"	0.375"	0.170"	0.251"	MS-51844-22
S-11-003	3/32"	0.425"	0.224"	0.369"	MS-51844-23
S-11-004	1/8"	0.550"	0.324"	0.392"	MS-51844-24
S-11-005	5/32"	0.625"	0.365"	0.592"	MS-51844-25
S-11-006	3/16"	1.000"	0.449"	0.671"	MS-51844-26
S-11-007	7/32"	0.875"	0.461"	0.713"	MS-51844-27
S-11-008	1/4"	1.138"	0.515"	0.810"	MS-51844-28
S-11-010	5/16"	1.125"	0.665"	1.010"	MS-51844-29
S-11-012	3/8"	1.250"	0.727"	1.110"	MS-51844-30
S-11-014	7/16"	1.750"	0.850"	1.300"	MS-51844-31
S-11-016	1/2"	1.900"	0.965"	1.480"	MS-51844-32

**S-13**

## Tin Plated Copper Duplex Sleeves



SwageRight



SKU	Wire Ø	L	W	H	Mil-Spec
S-13-000	1/32"	0.248"	0.086"	0.129"	MS-51844-80
S-13-001	3/64"	0.375"	0.134"	0.201"	MS-51844-81
S-13-002	1/16"	0.375"	0.170"	0.251"	MS-51844-82
S-13-003	3/32"	0.425"	0.224"	0.369"	MS-51844-83
S-13-004	1/8"	0.550"	0.324"	0.492"	MS-51844-84
S-13-005	5/32"	0.625"	0.365"	0.592"	MS-51844-85
S-13-006	3/16"	1.000"	0.449"	0.671"	MS-51844-86
S-13-007	7/32"	0.875"	0.461"	0.713"	MS-51844-87
S-13-008	1/4"	1.138"	0.515"	0.810"	MS-51844-88
S-13-010	5/16"	1.125"	0.665"	1.010"	MS-51844-89
S-13-012	3/8"	1.250"	0.727"	1.110"	MS-51844-90
S-13-014	7/16"	1.750"	0.850"	1.300"	MS-51844-91
S-13-016	1/2"	1.900"	0.965"	1.480"	MS-51844-92



**S-40**

## Aluminum Duplex Sleeves

**SwageRight**

**WARNING:** The use of aluminum duplex and stop sleeves with stainless steel wire is **NOT** recommended as this will cause electrolysis and corrosion.

SKU	Wire Ø	L	W	H
S-40-001	3/64"	0.375"	0.133"	0.198"
S-40-002	1/16"	0.375"	0.172"	0.250"
S-40-003	3/32"	0.500"	0.281"	0.406"
S-40-103TW	3/32"	0.500"	0.227"	0.373"
S-40-004	1/8"	0.625"	0.344"	0.500"
S-40-104TW	1/8"	0.625"	0.342"	0.500"
S-40-005	5/32"	0.688"	0.375"	0.562"
S-40-006	3/16"	1.000"	0.440"	0.665"
S-40-007	7/32"	1.060"	0.500"	0.750"
S-40-008	1/4"	1.125"	0.536"	0.812"
S-40-010	5/16"	1.250"	0.687"	1.032"
S-40-012	3/8"	1.438"	0.750"	1.156"
S-40-016	1/2"	2.000"	1.060"	1.625"

SwageRight™ duplex copper swage sleeves are manufactured in the U.S.A. to U.S. military standard MS-51844.

When properly machine swaged, SwageRight™ duplex copper sleeves hold 100% of the wire rope rated strength (90% for hand-swaged).

**S-50**

## Aluminum Fiber Rope Duplex Sleeves

**SwageRight**

**WARNING:** The use of aluminum duplex and stop sleeves with stainless steel wire is **NOT** recommended as this will cause electrolysis and corrosion.

SKU	Wire Ø	L	W	H
S-50-004	1/8"	0.500"	0.248"	0.383"
S-50-006	3/16"	0.470"	0.692"	0.560"
S-50-008	1/4"	0.920"	1.000"	0.650"
S-50-012	3/8"	1.570"	1.125"	0.828"

**S-30**

## Stainless Steel Swage Sleeves

**MIL-SPEC****SwageRight**

SKU	Wire Ø	L	W	H	Mil-Spec
S-30-000	1/32"	0.255"	0.092"	0.135"	MS-51844-60
S-30-001	3/64"	0.375"	0.133"	0.201"	MS-51844-61
S-30-002	1/16"	0.375"	0.137"	0.229"	MS-51844-62
S-30-003	3/32"	0.375"	0.184"	0.298"	MS-51844-63
S-30-004	1/8"	0.375"	0.233"	0.380"	MS-51844-64
S-30-005	5/32"	0.720"	0.322"	0.500"	MS-51844-65
S-30-006	3/16"	0.875"	0.352"	0.564"	MS-51844-66
S-30-007	7/32"	0.880"	0.430"	0.667"	MS-51844-67
S-30-008	1/4"	1.130"	0.454"	0.716"	MS-51844-68



**S-62****Zinc Plated Copper Stop Sleeves****SwageRight**

SKU	Wire Ø	L	W
S-62-000	1/32"	0.200"	0.129"
S-62-001	3/64"	0.252"	0.170"
S-62-002	1/16"	0.218"	0.203"
S-62-003	3/32"	0.328"	0.328"
S-62-004	1/8"	0.328"	0.328"
S-62-005	5/32"	0.328"	0.422"
S-62-006	3/16"	0.328"	0.422"
S-62-007	7/32"	0.703"	0.656"
S-62-008	1/4"	0.703"	0.656"
S-62-010	5/16"	0.703"	0.656"

SwageRight™ stop sleeves are a quick and economical way to enclose the ends of a wire rope.

When properly swaged, stop sleeves are capable of holding 1/3 to 1/2 of the rated strength of the wire rope (application load testing is always recommended).

**S-60****Plain Copper Stop Sleeves****SwageRight**

SKU	Wire Ø	L	W
S-60-000	1/32"	0.200"	0.129"
S-60-001	3/64"	0.252"	0.170"
S-60-002	1/16"	0.218"	0.203"
S-60-003	3/32"	0.328"	0.328"
S-60-004	1/8"	0.328"	0.328"
S-60-005	5/32"	0.328"	0.422"
S-60-006	3/16"	0.328"	0.422"
S-60-007	7/32"	0.703"	0.656"
S-60-008	1/4"	0.703"	0.656"
S-60-010	5/16"	0.703"	0.656"

**S-61****Aluminum Stop Sleeves****SwageRight**

SKU	Wire Ø	L	W
S-61-002	1/16"	0.156"	0.250"
S-61-003	3/32"	0.313"	0.344"
S-61-004	1/8"	0.313"	0.344"
S-61-005	5/32"	0.344"	0.438"
S-61-006	3/16"	0.344"	0.438"
S-61-008	1/4"	0.688"	0.688"
S-61-010	5/16"	0.703"	0.656"
S-61-012	3/8"	0.703"	0.660"

**WARNING:** The use of duplex and stop sleeves with stainless steel wire is NOT recommended as this will cause electrolysis and corrosion.





**F-30**

## Zinc Plated Stake Eyes

SwageRight

SKU	Wire Ø	Eye ID	L	W
F-30-204-Z	1/16"	0.125"	1.215"	0.420"
F-30-206-Z	1/16"	0.194"	1.220"	0.460"
F-30-208-Z	1/16"	0.260"	1.200"	0.460"
F-30-308-Z	3/32"	0.250"	1.700"	0.500"
F-30-312-Z	3/32"	0.375"	1.700"	0.750"
F-30-408-Z	1/8"	0.250"	2.200"	0.570"
F-30-410-Z	1/8"	0.316"	2.220"	0.580"
F-30-412-Z	1/8"	0.375"	2.240"	0.850"

**F-32**

## Stainless Steel Stake Eyes

SwageRight

SKU	Wire Ø	Eye ID	L	W
F-32-106-S	3/64"	0.190"	0.860"	0.322"
F-32-206-S	1/16"	0.194"	1.220"	0.460"
F-32-208-S	1/16"	-	1.220"	0.460"
F-32-408-S	1/16"	0.250"	1.700"	0.500"

**M-10-0**

## Plain Shank Balls

**MIL-SPEC**

SwageRight

SKU	Wire Ø	Mil-Spec
M-10-001	3/64"	NAS-949
M-10-002	1/16"	NAS-949
M-10-004	1/8"	NAS-949
M-10-005	5/32"	NAS-949
M-10-006	3/16"	NAS-949
M-10-008	1/4"	NAS-949

**M-10-2**

## Single Shank Swage Balls

**MIL-SPEC**

SwageRight

SKU	Wire Ø	Mil-Spec
M-10-202	1/16"	MS-20664-C2
M-10-203	3/32"	MS-20664-C3
M-10-204	1/8"	MS-20664-C4
M-10-206	3/16"	MS-20664-C6
M-10-207	7/32"	MS-20664-C7
M-10-208	1/4"	MS-20664-C8
M-10-210	5/16"	MS-20661-C10





## M-10-1

SwageRight

### Double Shank Balls

SKU	Wire Ø	Mil-Spec
M-10-102	1/16"	MS-20663-C2
M-10-103	3/32"	MS-20663-C3
M-10-104	1/8"	MS-20663-C4
M-10-106	3/16"	MS-20663-C6
M-10-107	7/32"	MS-20663-C7



## M-7

SwageRight

### Stainless Steel Aircraft Swage Forks

SKU	Wire Ø	Eye ID	L*	Mil-Spec
M-7-02	1/16"	.190"	1.572"	MS-20667-2
M-7-03	3/32"	.190"	1.945"	MS-20667-3
M-7-04	1/8"	.190"	2.352"	MS-20667-4
M-7-06	3/16"	.313"	3.071"	MS-20667-6
M-7-08	1/4"	.375"	3.806"	MS-20667-8



\*Length = Center to End

MIL-DTL-781



## M-5

SwageRight

### Aircraft Swage Eyes

SKU	Wire Ø	Eye ID	L*	Mil-Spec
M-5-02	1/16"	0.19"	1.631"	MS-20668-2
M-5-03	3/32"	0.19"	2.043"	MS-20668-3
M-5-04	1/8"	0.19"	2.337"	MS-20668-4
M-5-05	5/32"	0.25"	2.684"	MS-20668-5
M-5-06	3/16"	0.313"	3.019"	MS-20668-6
M-5-08	1/4"	0.375"	3.763"	MS-20668-8



SWAGE-RIGHT

## M-15

SwageRight

### Stainless Steel Strap Forks

SKU	Wire Ø	Eye ID	L*
M-15-2	1/16"	0.188"	1.063"
M-15-3	3/32"	0.188"	1.500"
M-15-4	1/8"	0.188"	1.625"
M-15-6	3/16"	0.313"	2.188"



\*Length = Center to End

MIL-DTL-781



\*Length = Center to End



SWAGE-RIGHT

## Y-10

SwageRight

### Stainless Steel Marine Swage Eyes

SKU	Wire Ø	Eye ID	L*
Y-10-003	3/32"	1/4"	1.758"
Y-10-004	1/8"	1/4"	2.088"
Y-10-005	5/32"	5/16"	2.355"
Y-10-006	3/16"	3/8"	2.750"
Y-10-008	1/4"	1/2"	3.625"
Y-10-010	5/16"	1/2"	4.485"



SWAGE-RIGHT

## M-20

SwageRight

### Stainless Steel Strap Eyes

SKU	Wire Ø	Eye ID	L*
M-20-2	1/16"	0.188"	1.063"
M-20-3	3/32"	0.188"	1.500"
M-20-4	1/8"	0.188"	1.625"
M-20-6	3/16"	0.313"	2.188"



\*Length = Center to End

\*Length = Center to End



**P-22-ST9**

Light-Duty 3-Cavity Hand Swager w/ Cutter

SwageRight

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws
- Clean Cuts to Wire Rope

OVAL SLEEVES 1/32" • 3/64" • 1/16"

MAX CUT 1/32"

WEIGHT 1 lb

L

10 in

**P-25-015**

Light-Duty Single Cavity Hand Swager

SwageRight

WIRE SIZE 3/64"

WEIGHT 1 lb

L

8 in



available for 1/16" wire size (P-25-02)

**P-22-234H**

3-Cavity Hand Swager

SwageRight

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws

OVAL SLEEVES 1/16" • 3/32" • 1/8"

WEIGHT 2-1/3 lbs

L

14 in

**P-22-234HC**

3-Cavity Hand Swager w/ Cutter

SwageRight

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws

OVAL SLEEVES 1/16" • 3/32" • 1/8"

MAX CUT 1/8"

WEIGHT 2-1/2 lbs

L

14 in







## P-22-510H

SwageRight

### 3-Cavity Hand Swager

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws

L

30 in

OVAL SLEEVES 5/32" • 1/4" • 5/16"

WEIGHT 9-1/3 lbs



## P-21-205H

SwageRight

### 5-Cavity Hand Swager

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws

L

24 in

OVAL SLEEVES 1/16" • 3/32" • 1/8" • 5/32" • 3/16"

MAX CUT 7/32"

WEIGHT 6-3/4 lbs



## P-22-510HC

SwageRight

### 3-Cavity Hand Swager w/ Cutter

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws
- Clean Cuts to Wire Rope

L

30 in

OVAL SLEEVES 5/32" • 1/4" • 5/16"

MAX CUT 5/16"

WEIGHT 10 lbs



## P-21-205HC

SwageRight

### 5-Cavity Hand Swager w/ Cutter

- Designed for Copper & Aluminum Oval / Stop Sleeves
- Forged Alloy Steel Jaws
- Clean Cuts to Wire Rope

L

24 in

OVAL SLEEVES 1/16" • 3/32" • 1/8" • 5/32" • 3/16"

MAX CUT 7/32"

WEIGHT 6-3/4 lbs



## P-22-346

SwageRight

### 3-Cavity Hand Swager

- High-Quality
- 4140 Carbon Steel Hardware

OVAL SLEEVES 3/32" • 1/8" • 3/16"



## P-23-0

SwageRight

### 4-Cavity Hand Swager

- Designed for Copper & Aluminum Oval Sleeves
- Outstanding, Small Hand-Held Tool

L

12 in

OVAL SLEEVES 1/32" • 3/64 • 1/16" • 3/32"



## P-21-005

SwageRight

### 6-Cavity Hand Swager

- Designed for Copper & Aluminum Oval Sleeves
- High Carbon Construction
- Easily Adjusted in the Field

L

18 in

WIRE SIZE 3/64" • 1/16" • 3/32" • 1/8" • 5/32" • 3/16"

WEIGHT 5 lbs



## P-21-105J

SwageRight

### 5-Cavity Bench Swager



- Ideal for Large Volume Works

L

17.7 in

OVAL SLEEVES 1/16" - 3/16"

WEIGHT 11.4 lbs




**SWAGE-RIGHT**

### Heavy-Duty Single Cavity Hand Swager

**SwageRight**

- Splicing of Cables Made Sure and Easy
- Tight, Clean Compression Every Time
- Easy Adjustment



*P-23-8H & P-23-12  
models shown*

SKU	Sleeve Size			L	Made In
	Oval	SS Oval	Stop		
P-23-7	7/32"	1/4"	-	28"	USA
P-23-8	1/4"	-	1/4", 5/16", 3/8"	28"	USA
P-23-8H	1/4"	-	-	28"	Japan
P-23-10	5/16"	-	-	28"	USA
P-23-12	3/8"	-	13/32"	36"	Japan


**SWAGE-RIGHT**

### Stainless Steel Sleeve Hand Swagers

**SwageRight**

- Splicing of Cables Made Sure and Easy
- Tight, Clean Compression Every Time
- Easy Adjustment
- Gauge Included

SKU	Sleeve Size			L
	Oval	SS Oval	Stop	
P-23-1	3/64"	3/64", 1/16"	3/64"	20"
P-23-2	1/16"	3/32"	1/16"	20"
P-23-3	3/32"	1/8"	3/32", 1/8"	20"
P-23-5	5/32"	3/16"	-	20"
P-23-6	3/16"	7/32"	-	20"



### Synthetic & Wire Rope Meters

**NEW**

- Heavy-Duty Stainless Steel Construction



Wire Rope Counter

**WR-METER**
**ROPE CAPACITY** Up to 7/16"


Synthetic Rope Counter

**FR-METER**
**ROPE CAPACITY** 1/4" to 3/4" Diameter




## P-20-C7

Small Diameter Cable Cutter

Felco

- Unique Triangular Jaws
- Never Leaves Frayed Cuts
- Hardened Steel Blades

**CAPACITY** Up to 1/4" wire rope Ø

**WEIGHT** 9.5 oz

L

7-1/2 in



## P-24-7

Small Diameter Wire Cutter

SwageRight

- Forged Aluminum Handles
- Lightweight for Overhead Work
- Provides Clean and Sharp Cuts

**CAPACITY** Up to 1/4" wire rope Ø

**WEIGHT** 1.0 lb

L

7-1/2 in



## P-27-06

Small Diameter Wire Cutter

SwageRight

- Lightweight for Easy Cutting
- Grips Offer Firm, Comfortable Feel
- Economical

**CAPACITY** Up to 3/16" wire rope Ø

**WEIGHT** 8.8 oz

L

8 in



## P-20-C9

Large Diameter Cable Cutter

Felco

- Unique Triangular Jaws
- Cuts Rope Smoothly
- Hardened Steel Blades
- Aluminum Alloy Handles

**CAPACITY** Up to 1/4" steel cable Ø

**WEIGHT** 1.5 lbs

L

13 in





**P-20-C12**

Felco

## Large Diameter Cable Cutter

- Unique Triangular Jaws
- Cuts Rope Smoothly
- Hardened Steel Blades
- Aluminum Alloy Handles

CAPACITY Up to 3/8" Ø

WEIGHT 3.0 lbs

L
19 in

**P-20-C16**

Felco

## Large Diameter Cable Cutter

- Unique Triangular Jaws
- Cuts Rope Smoothly
- Hardened Steel Blades
- Aluminum Alloy Handles

CAPACITY Up to 5/8" Ø

WEIGHT 5.0 lbs

L
23 in

**P-24-9**

SwageRight

## Large Diameter Wire Rope Cutter

- Forged Aluminum Handles
- Lightweight for Overhead Work
- Provides Clean and Sharp Cuts

CAPACITY Up to 11/32" wire rope Ø

WEIGHT 1.0 lb

L
23 in

**P-24-12**

SwageRight

## Large Diameter Wire Rope Cutter

- Forged Aluminum Handles
- Lightweight for Overhead Work
- Provides Clean and Sharp Cuts

CAPACITY Up to 1/2" wire rope Ø

WEIGHT 3.8 lbs

L
20 in

**P-24-16**

SwageRight

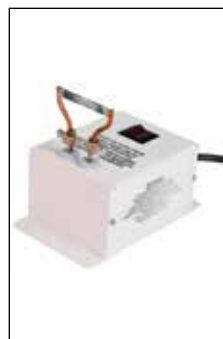
## Large Diameter Wire Rope Cutter

- Forged Aluminum Handles
- Light and Strong

CAPACITY Up to 5/8" wire rope Ø

WEIGHT 5.8 lbs

L
650 mm

**ROPE\*CUTTR**

## Electric Synthetic Rope Cutter / Hot Knife

- Cuts & Heat Seals at the Same Time
- Lighted ON/OFF Rocker Switch
- 2-5/16" Blade Included

120 volts - 48 watts

Heats up to 1200° Fahrenheit

2.3 lbs

L	W	H
6-1/2 in	4 in	5-3/4 in





## NEED IT IN BLACK?

**Gripple's ready-to-use suspension kits** now come with the option of a black finish to further enhance the aesthetic appeal of the range.

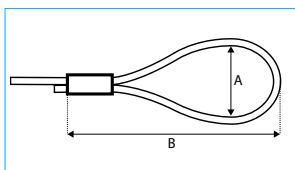
Call Today for a free quote!

The **Gripple®** range of support and hangers for electrical applications has been developed to provide a fast and versatile solution for suspending all types of electrical containment.

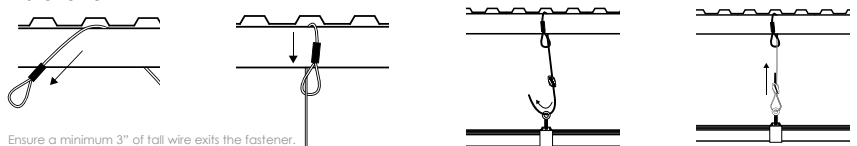
**Gripple products** are designed to save time & labor and reduce costs by making the installation quicker and easier. Supplied in ready-to-use kits, the products in this range are lightweight, require no on-site cutting, and reduce the time spent working at heights, offering enormous health and safety benefits for your project.

## Loop

- Installs by non-evasive, simple choke knot
- Can be choked around a beam, strut or roof trusses
- Available up to 715 lbs SWL, with 5:1 safety factor
- Ready-to-use kit with Gripple fastener and cable
- Available in lengths of 5 ft - 30 ft as standard
- Also available in Stainless Steel



### Installation



Ensure a minimum 3" of tail wire exits the fastener.



Size	A	B
0 - 25 lbs	1 3/16"	2 3/8"
25 - 100 lbs	1 3/16"	2 3/8"
100 - 200 lbs	1 3/16"	2 3/8"
200 - 495 lbs	1 3/4"	3 1/4"
495 - 715 lbs	1 3/4"	3 1/4"

## Available with these Hangers



Standard Hanger



Express Hanger



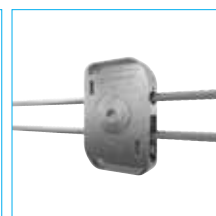
Side Release



Angel



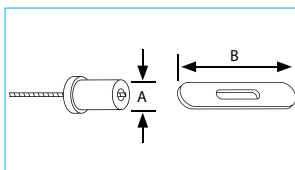
C-Clip



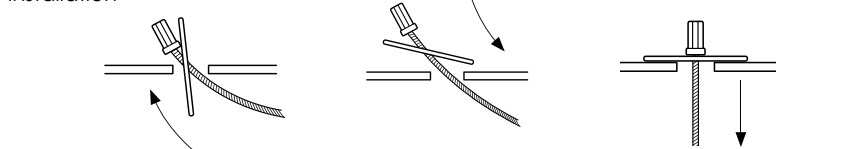
Cable Strut Kit

## Toggle

- Inserts into hole diameters of pre-drilled structures
- Available to fit 1/4", 5/16" and 3/8" hole sizes
- Available up to 200 lbs SWL, with 5:1 safety factor
- Ready-to-use kit with Gripple fastener and cable
- Available in lengths of 5 ft - 30 ft as standard
- Also available in Stainless Steel



### Installation



Size	AØ	B
0 - 25 lbs	5/32"	1 9/16"
25 - 100 lbs	1/4"	1 9/16"
100 - 200 lbs	1/4"	2"

# DURABRITE HARDWARE

## Outshines The Rest

### Durable

DuraBrite stainless hardware is made from high-quality 304 or marine-grade 316 stainless steels that provide exceptional corrosion resistance built to withstand the harshest environments. Our steel products are also zinc-plated or galvanized for corrosion protection.

### Field-Proven

The roots of our DuraBrite products go back over 40 years of field-proven products serving in tough marine and industrial use. We've got salt water in our veins, we started in the marine market over 40 years ago and have grown our reputation for long-lasting products.

### Exceptional Value

Not only do we build durable, field-proven hardware, we also know the value of a dollar. DuraBrite hardware delivers quality and durability while providing unbeatable industry-leading value.

### Look For This Logo!



Want to evaluate our products yourself? You can find our logo next to each of our products and learn more about the specifications of our equipment to see what suits you best.

### Did You Know?

Not all stainless steel is equal. Although it doesn't stain as easily as other iron-based metals, that doesn't mean it is 100% stain-proof. Stainless steel's corrosion resistance differs by grade. So just like regular steel, stainless steel can become effected by different factors that in time can cause it to rust. Regardless of grade, however, it can endure a lot more abuse than standard steel before showing signs of abrasion.



**WARNING:** Do not use the products in this section for overhead lifting, support of human weight, or athletic or layground equipment, or other situations where personal safety or valuable property could be endangered. Misuse can result in serious injury or death.

## Term Definitions

**Working Load Limit (WLL)** - The Working Load Limit is the maximum load / force allowed. Consideration must always be given to extreme high or low temperatures, chemical solutions, vapors, prolonged immersion in salt water or any other form of unusual condition. The WLL should NEVER be exceeded.

**Proof Test Load (Proof Load)** - The term "Proof Test" assigns a quality control test applied to the product for the exclusive function of exposing flaws in material or build. The Proof Test Load (normally 2x the WLL) is the load which the cable underwent & sustained without malformation when new and under laboratory test conditions. The Proof Test Load does not mean that the WLL should ever be exceeded.

**Breaking Strength** - Breaking Strength is the average force at which the product, in the condition it would leave the factory, has been found by to break when constantly increasing force is applied in direct line to the product at a steady rate of speed on a standard pull testing machine. *Remember:* Published Breaking Strengths were acquired under controlled laboratory conditions. Always refer to the Working Load Limit as a criterion for service or design purposes. Do not use the Breaking Strength for this purpose.

**Design Factor** - Also known as Safety Factor, it is the ratio of the Breaking Strength to the Working Load Limit. Usually computed by dividing the Breaking Strength by the WLL and generally expressed as a ratio (ex: 5:1).

**Shock Load** - A load occurring from rapid change of movement, such as impacting, jerking or swinging of a static load. Sudden release of tension is another form of shock loading. Shock loads are usually notably greater than static loads. Any shock loading must be considered when selecting the item for use in a system. Avoid shock loads as they may exceed the Working Load Limit.

**Mil-Spec, MS** - A military standard for wire and sleeves.

**AN Standard** - Airforce-Navy Aeronautical Standard.







Count on U.S. Rigging when you need durable wire rope clips.

Occasionally called u-bolt clamps or u-bolt clips, wire rope clips are used to clasp the loose end of a length of wire rope once it has been looped back to form an eye. Wire rope normally needs two to three wire rope clips to fasten the ends accordingly to the length of the rope.

Our wire rope clips are made from drop forged galvanized steel or stainless steel to ensure long lasting strength, durability and dependability.



## K-34

## 316 Stainless Steel Wire Rope Clips

DuraBrite

SKU	Wire Ø	Required Quantity*
K-34-03	1/16" - 3/32"	2
K-34-04	1/8"	2
K-34-05	5/32"	2
K-34-06	3/16"	3
K-34-08	1/4"	3
K-34-10	5/16"	3
K-34-12	3/8"	3

\*quantity required to properly fasten wire rope



## F-16

## Malleable Galvanized Steel Wire Rope Clips

DuraBrite

SKU	Wire Ø	Required Quantity*
F-16-002	1/16"	3
F-16-004	1/8"	3
F-16-006	3/16"	3
F-16-008	1/4"	3
F-16-010	5/16"	3
F-16-012	3/8"	3
F-16-016	1/2"	4

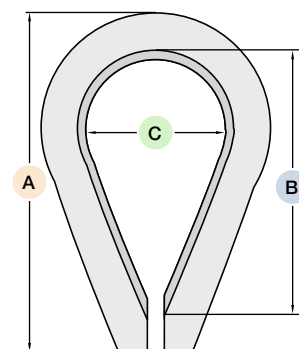
\*quantity required to properly fasten wire rope



### 304 Stainless Steel Wire Rope Thimble

SKU	Wire Ø	A	B	C
F-15-502-04	1/16"	0.81"	0.71"	0.30"
F-15-504-04	3/32" - 1/8"	0.96"	0.83"	0.39"
F-15-505-04	5/32"	1.09"	0.98"	0.53"
F-15-506-04	3/16"	1.20"	1.02"	0.51"
F-15-508-04	1/4"	1.46"	1.28"	0.61"

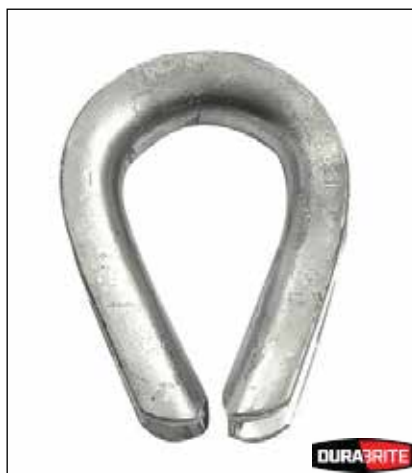
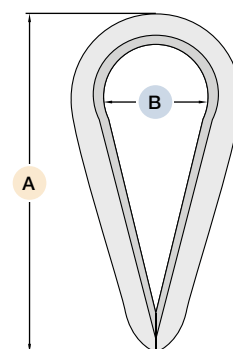
DuraBrite



### 304 Stainless Steel AN-100C Type Wire Rope Thimble

SKU	Wire Ø	A	B
F-15-002	3/64" - 1/16"	0.70"	0.35"
F-15-004	3/32" - 1/8"	0.70"	0.35"
F-15-005	5/32"	0.79"	0.40"
F-15-006	3/16"	1.00"	0.50"
F-15-008	7/32" - 1/4"	1.41"	0.70"
F-15-010	5/16"	1.08"	0.90"
F-15-012	3/8"	2.00"	1.00"

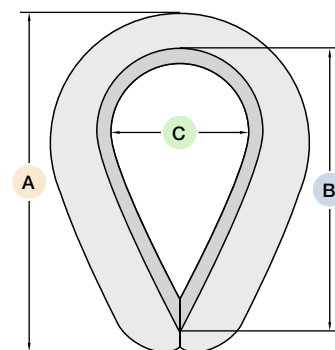
DuraBrite



### Hot Dipped Heavy-Duty Galvanized Steel Wire Rope Thimble

SKU	Wire Ø	A	B	C
F-15-404	1/8"	1.25"	2.31"	1.63"
F-15-406	3/16"	1.50"	1.19"	0.75"
F-15-408	1/4"	2.25"	1.31"	0.75"
F-15-408Z	1/4"	2.06"	1.63"	0.88"
F-15-410	5/16"	2.50"	1.88"	1.06"
F-15-412	3/8"	2.75"	1.88"	1.25"
F-15-416	1/2"	3.50"	2.50"	1.38"
F-15-420	5/8"	4.25"	4.00"	1.75"
F-15-424	3/4"	5.00"	3.50"	2.00"
F-15-432	1"	6.00"	4.00"	2.50"

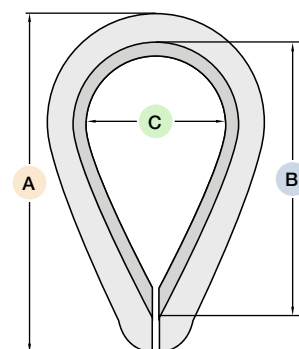
DuraBrite

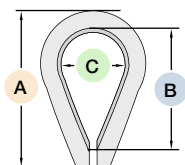
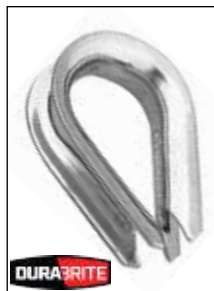


### Heavy-Duty 316 Stainless Steel Wire Rope Thimble

SKU	Wire Ø	A	B	C
F-15-103	3/32" - 1/16"	0.91"	0.66"	0.38"
F-15-104	1/8"	0.50"	0.69"	0.38"
F-15-105	5/32"	1.09"	0.78"	0.44"
F-15-106	3/16"	1.25"	0.81"	0.50"
F-15-108	1/4"	1.59"	1.06"	0.59"
F-15-110	5/16"	2.00"	1.50"	0.88"
F-15-112	3/8"	2.28"	1.59"	0.94"
F-15-116	1/2"	2.75"	2.13"	1.13"
F-15-120	5/8"	3.53"	3.53"	1.56"
F-15-124	3/4"	4.53"	3.31"	2.00"

DuraBrite



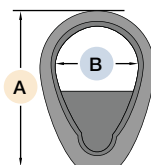


### 316 Stainless Steel

#### Wire Rope Thimble

**DuraBrite**

SKU	Wire Ø	A	B	C
F-15-502	1/16"	0.81"	0.71"	0.30"
F-15-504	3/32" - 1/8"	0.96"	0.83"	0.39"
F-15-505	5/32"	1.09"	0.98"	0.53"
F-15-506	3/16"	1.20"	1.02"	0.51"
F-15-508	1/4"	1.46"	1.28"	0.61"

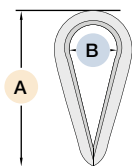


### Gusset HD 316 Stainless Steel Thimble

#### for Wire or Fiber Rope

**DuraBrite**

SKU	Wire Ø	A	B
F-15-4510	5/16"	1.42"	0.57"
F-15-4512	3/8"	1.85"	0.74"
F-15-4514	7/16"	2.09"	1.06"
F-15-4516	1/2"	2.38"	1.09"
F-15-4520	5/8"	2.83"	1.34"

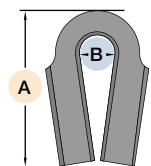


### Zinc Plated Steel AN-100 Type

#### Wire Rope Thimble

**DuraBrite**

SKU	Wire Ø	A	B
F-15-202	3/64" - 1/16"	0.70"	0.35"
F-15-204	3/32" - 1/8"	0.70"	0.35"
F-15-205	5/32"	0.79"	0.40"
F-15-206	3/16"	1.00"	0.50"
F-15-208	7/32" - 1/4"	1.41"	0.70"
F-15-210	5/16"	1.08"	0.90"

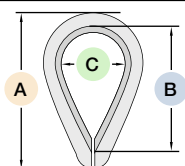


### Tube HD 316 Stainless Steel Thimble

#### for Wire or Fiber Rope

**DuraBrite**

SKU	Rope Ø	A	B
F-15-5014	3-8" - 7/16"	3.54"	0.83"
F-15-5016	1/2"	3.94"	0.91"
F-15-5024	5/8" - 3/4"	4.65"	1.06"
F-15-5032	7/8" - 1"	5.79"	1.42"

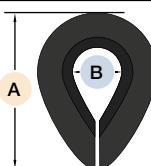


### Zinc Plated Steel FF-T-276 B Type II

#### Wire Rope Thimble

**DuraBrite**

SKU	Wire Ø	A	B	C
F-15-304	1/8"	1.88"	1.19"	0.75"
F-15-306	3/16"	2.00"	1.19"	0.75"
F-15-308	1/4"	1.88"	1.19"	0.75"
F-15-310	5/16"	2.06"	1.31"	0.75"
F-15-312	3/8"	2.31"	1.75"	1.00"
F-15-316	1/2"	2.31"	1.88"	1.17"
F-15-320	5/8"	3.48"	2.34"	1.40"

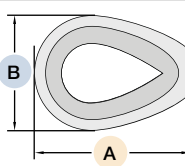


### Nylon Tear Drop

#### Fiber Rope Thimble

**DuraBrite**

SKU	Rope Ø	A	B
THIM-16-NY	7/16" - 1/2"	2.44"	1.87"

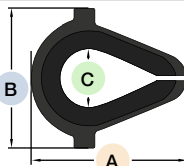


### Super HD 316 Stainless Steel Thimble

#### for Wire or Fiber Rope

**DuraBrite**

SKU	Wire Ø	A	B
F-15-4410	5/16"	2.28"	0.96"
F-15-4412	3/8"	2.66"	1.11"
F-15-4414	7/16"	3.35"	1.44"
F-15-4416	1/2"	4.31"	1.84"
F-15-4420	5/8"	4.88"	2.36"
F-15-4424	3/4"	5.04"	2.36"
F-15-4432	1"	5.75"	2.91"



### Nylon Fiber Rope Thimble

#### w/ Ears

**DuraBrite**

SKU	Rope Ø	A	B	C
THIM-16-NYE	7/16" - 1/2"	3.00"	2.69"	2.35"





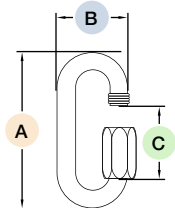


## LS-QL

DuraBrite

### 316 Stainless Steel Quick Links

SKU	Size	A	B	C*	WLL**
LS-QL-04	1/8"	1-7/16"	11/16"	3/16"	485 lbs
LS-QL-06	3/16"	1-15/16"	15/16"	1/4"	990 lbs
LS-QL-08	1/4"	2-1/4"	1-1/16"	5/16"	1,430 lbs
LS-QL-10	5/16"	2-15/16"	1-5/16"	3/8"	2,420 lbs
LS-QL-12	3/8"	3-1/2"	1-9/16"	1/2"	3,960 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

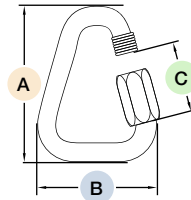


## KNG-602

Kong Italy

### Heavy-Duty Stainless Steel Delta Links

SKU	Size	A	B	C*
KNG-602-08	8 mm	72 mm	56 mm	8 mm
KNG-602-10	10 mm	86 mm	66 mm	10 mm



\*C measurement when open.

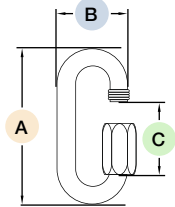


## KNG-600

Kong Italy

### Stainless Steel Quick Links

SKU	Size	A	B	C*
KNG-600-05	5 mm	50 mm	26 mm	7 mm
KNG-600-06	6 mm	58 mm	29 mm	8 mm
KNG-600-08	8 mm	74 mm	39 mm	10 mm
KNG-600-10	10 mm	89 mm	47 mm	11 mm
KNG-600-12	12 mm	105 mm	52 mm	14 mm



\*C measurement when open.

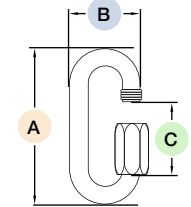


## LC-QL

DuraBrite

### Zinc Plated Quick Links

SKU	Size	A	B	C*	WLL**
LC-QL-06Z	3/16"	1-15/16"	1-5/16"	1/4"	610 lbs
LC-QL-08Z	1/4"	2-1/4"	1-1/16"	5/16"	880 lbs
LC-QL-10Z	5/16"	2-15/16"	1-5/16"	3/8"	1,540 lbs
LC-QL-12Z	3/8"	3-1/2"	1-9/16"	1/2"	2,420 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

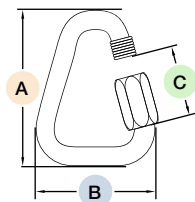


## LS-DL

DuraBrite

### 304 Stainless Steel Delta Links

SKU	Size	A	B	C*	WLL**
LS-DL-06	3/16"	1-7/8"	1-9/16"	1/4"	710 lbs
LS-DL-08	1/4"	2-3/16"	1-7/8"	5/16"	990 lbs
LS-DL-10	5/16"	2-7/8"	2-3/16"	3/8"	1,690 lbs
LS-DL-12	3/8"	3-7/16"	2-5/8"	1/2"	2,750 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

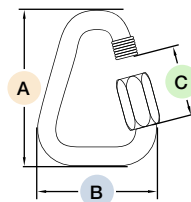


## LC-DL

DuraBrite

### Zinc Plated Delta Links

SKU	Size	A	B	C*	WLL**
LC-DL-06Z	3/16"	1-7/8"	1-9/16"	1/4"	330 lbs
LC-DL-08Z	1/4"	2-3/16"	1-7/8"	5/16"	550 lbs
LC-DL-10Z	5/16"	2-7/8"	2-3/16"	3/8"	1,190 lbs
LC-DL-12Z	3/8"	3-7/16"	2-5/8"	1/2"	1,980 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.



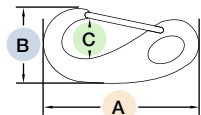


## K-18

DuraBrite

### 316 Stainless Steel Spring Gate Snap

SKU	A	B	C*	WLL**
K-18-S	1-15/16"	1"	5/16"	90 lbs
K-18-M	2-11/16"	1-1/4"	1/2"	220 lbs
K-18-L	3-13/16"	1-7/8"	13/16"	390 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

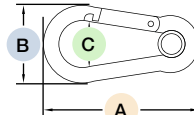


## K-50

DuraBrite

### 316 SS Carbine Snap w/ Eyelet

SKU	Size	A	B	C*	WLL**
K-50-06	3/16"	2"	1-1/16"	1/4"	90 lbs
K-50-08	1/4"	2-3/8"	1-3/16"	5/16"	120 lbs
K-50-10	5/16"	3-1/8"	1-9/16"	3/8"	220 lbs
K-50-12	3/8"	3-15/16"	2"	1/2"	320 lbs
K-50-16	1/2"	5-1/2"	2-1/2"	13/16"	400 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

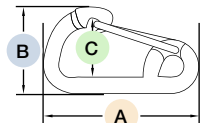


## K-26

DuraBrite

### 316 Stainless Steel Snap

SKU	A	B	C*	WLL**
K-26-08	2-3/8"	1-3/8"	1/2"	330 lbs
K-26-10	3-1/8"	1-13/16"	11/16"	770 lbs
K-26-12	3-15/16"	2-3/16"	15/16"	990 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

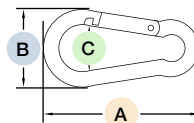


## LC-54

DuraBrite

### Zinc Plated Steel Carbine Snap

SKU	Size	A	B	C*	WLL**
LC-54-06-Z	3/16"	2"	1-1/16"	1/4"	70 lbs
LC-54-08-Z	1/4"	2-3/8"	1-3/16"	5/16"	100 lbs
LC-54-10-Z	5/16"	3-1/8"	1-9/16"	3/8"	200 lbs
LC-54-12-Z	3/8"	3-15/16"	2"	1/2"	300 lbs
LC-54-16-Z	1/2"	5-1/2"	2-1/2"	13/16"	320 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

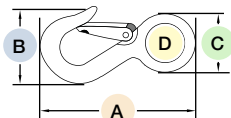


## K-28

DuraBrite

### 316 Stainless Steel Safety Snap

SKU	A	B	C	ØD
K-28-24	4"	1-11/16"	1-5/16"	3/4"
K-28-36	4-5/8"	2-1/16"	1-13/16"	1-1/8"

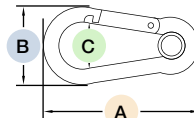


## LC-53

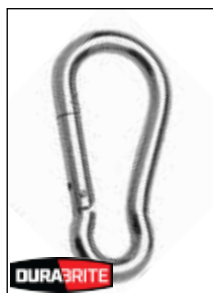
DuraBrite

### Zinc Plated Steel Carbine Snap w/ Eyelet

SKU	Size	A	B	C*	WLL**
LC-53-06-Z	3/16"	2"	1-1/16"	1/4"	70 lbs
LC-53-08-Z	1/4"	2-3/8"	1-3/16"	5/16"	100 lbs
LC-53-10-Z	5/16"	3-1/8"	1-9/16"	3/8"	200 lbs
LC-53-12-Z	3/8"	3-15/16"	2"	1/2"	300 lbs
LC-53-16-Z	1/2"	5-1/2"	2-1/2"	13/16"	320 lbs



\*C measurement when open. \*\*WLL allows a 5:1 design factor.

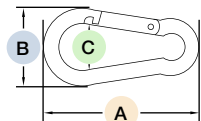


## K-52

DuraBrite

### 316 Stainless Steel Carbine Snap

SKU	Size	A	B	C*	WLL**
K-52-06	3/16"	2"	1-1/16"	1/4"	90 lbs
K-52-08	1/4"	2-3/8"	1-3/16"	5/16"	120 lbs
K-52-10	5/16"	3-1/8"	1-9/16"	3/8"	220 lbs
K-52-12	3/8"	3-15/16"	2"	1/2"	320 lbs
K-52-14	7/16"	4-3/4"	2-1/4"	5/8"	360 lbs
K-52-16	1/2"	5-1/2"	2-1/2"	13/16"	400 lbs

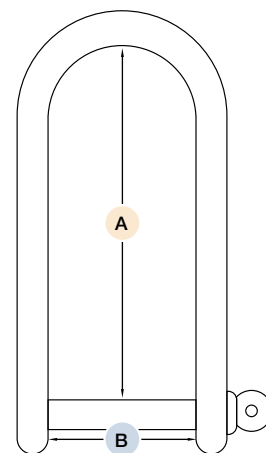


\*C measurement when open. \*\*WLL allows a 5:1 design factor.



**K-12****316 Stainless Steel Long D Shackle****DuraBrite**

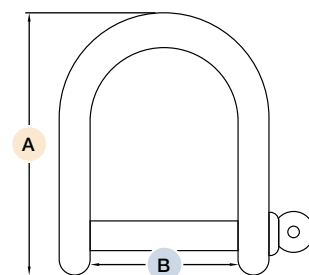
SKU	Size	A	B	WLL*
K-12-06	3/16"	1-7/16"	3/8"	300 lbs
K-12-08	1/4"	1-3/4"	1/2"	790 lbs
K-12-10	5/16"	2-3/8"	5/8"	1,210 lbs
K-12-12	3/8"	3"	13/16"	1,430 lbs
K-12-16	1/2"	3-9/16"	1"	2,820 lbs



\*WLL allows a 5:1 design factor.

**K-10****316 Stainless Steel Standard D Shackle****DuraBrite**

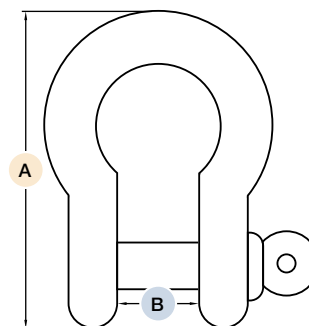
SKU	Size	A	B	WLL*
K-10-06	3/16"	11/16"	3/8"	440 lbs
K-10-08	1/4"	7/8"	1/2"	750 lbs
K-10-10	5/16"	1/18"	11/16"	1,100 lbs
K-10-12	3/8"	1-3/8"	13/16"	1,800 lbs
K-10-16	1/2"	1-5/8"	1"	2,380 lbs
K-10-20	5/8"	2-3/16"	1-1/4"	3,880 lbs
K-10-24	3/4"	2-7/16"	1-1/2"	4,410 lbs
K-10-28	7/8"	3"	1-11/16"	8,370 lbs
K-10-32	1"	3-7/16"	2"	9,260 lbs



\*WLL allows a 5:1 design factor.

**K-14****316 Stainless Steel Bow Shackle****DuraBrite**

SKU	Size	A	B	WLL*
K-14-06	3/16"	15/16"	7/16"	520 lbs
K-14-08	1/4"	1"	1/2"	750 lbs
K-14-10	5/16"	1-7/16"	11/16"	1,100 lbs
K-14-12	3/8"	1-3/4"	7/8"	1,890 lbs
K-14-16	1/2"	2-1/16"	1"	2,730 lbs
K-14-20	5/8"	2-7/8"	1-1/4"	3,080 lbs
K-14-24	3/4"	3-1/8"	1-1/4"	6,170 lbs
K-14-28	7/8"	3-11/16"	1-3/4"	7,490 lbs
K-14-32	1"	4-1/8"	2-7/8"	8,820 lbs



\*WLL allows a 5:1 design factor.



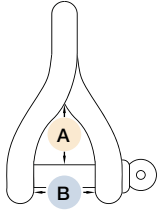


## K-16

DuraBrite

### 316 SS Twisted Shackle

SKU	Size	A	B	WLL*
K-16-06	3/16"	15/16"	7/16"	480 lbs
K-16-08	1/4"	1-5/16"	1/2"	700 lbs
K-16-10	5/16"	1-5/8"	5/8"	1,230 lbs
K-16-12	3/8"	1-13/16"	13/16"	2,020 lbs
K-16-16	1/2"	2-3/8"	1-1/16"	2,604 lbs



\*WLL allows a 5:1 design factor.

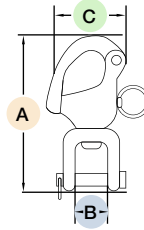


## K-8

DuraBrite

### 316 SS Swivel Snap Shackle

SKU	A	B	C	WLL*
K-8-1	2-15/16"	7/16"	1-5/16"	480 lbs
K-8-2	3-13/16"	5/8"	1-5/8"	880 lbs



\*WLL allows a 5:1 design factor.

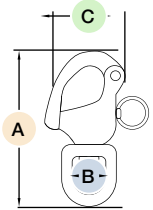


## K-6

DuraBrite

### 316 SS Swivel Eye Snap Shackle

SKU	A	B	C	WLL*
K-6-1	2-3/16"	1/2"	1-5/16"	480 lbs
K-6-2	3-3/8"	9/16"	1-5/8"	880 lbs
K-6-3	4-13/16"	13/16"	2-1/4"	1,540 lbs



\*WLL allows a 5:1 design factor.

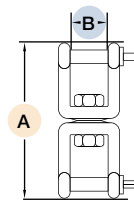


## K-48

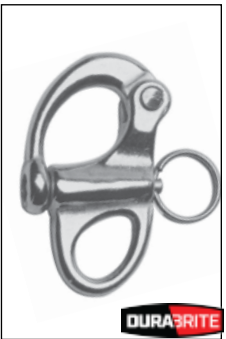
DuraBrite

### 316 SS Jaw/Jaw Swivel Shackle

SKU	Size	A	B	WLL*
K-48-08	1/4"	2-9/16"	1/2"	500 lbs
K-48-10	5/16"	3-7/16"	5/8"	800 lbs
K-48-12	3/8"	4-3/8"	3/4"	1,500 lbs
K-48-16	1/2"	5-5/8"	1"	2,200 lbs



\*WLL allows a 5:1 design factor.

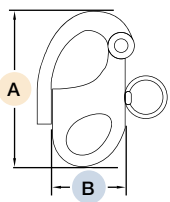


## K-7

DuraBrite

### 316 SS Fixed Eye Snap Shackle

SKU	A	B	WLL*
K-7-1	2-3/16"	1-3/8"	480 lbs
K-7-1BLK	2-3/16"	1-3/8"	480 lbs
K-7-2	2-3/4"	1-3/4"	880 lbs



\*WLL allows a 5:1 design factor.

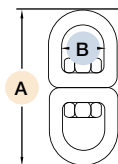


## K-49

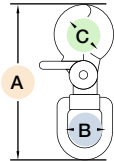
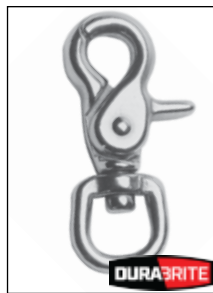
DuraBrite

### 316 SS Eye/Eye Swivel Shackle

SKU	Size	A	B	WLL*
K-49-08	1/4"	2-5/8"	9/16"	500 lbs
K-49-10	5/16"	3-9/16"	3/4"	800 lbs
K-49-12	3/8"	4-7/16"	15/16"	1,500 lbs

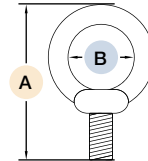


\*WLL allows a 5:1 design factor.

**K-19****DuraBrite****316 Stainless Steel Trigger Snap**

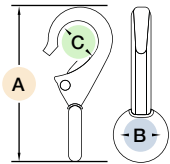
SKU	A	B	C	WLL*
K-19-16	2-9/16"	9/16"	7/16"	80 lbs
K-19-20	2-9/16"	5/8"	7/16"	80 lbs
K-19-20BK	2-9/16"	5/8"	7/16"	80 lbs

\*WLL allows a 5:1 design factor.

**K-38****DuraBrite****316 Stainless Steel Eye Bolt**• **UNC Thread**

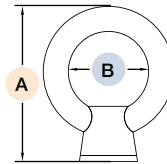
SKU	Thread Ø	A	ØB	WLL*
K-38-08	1/4"	1-1/2"	5/8"	500 lbs
K-38-10	5/16"	1-13/16"	13/16"	1,000 lbs
K-38-12	3/8"	2-5/16"	1"	1,400 lbs
K-38-16	1/2"	2-5/16"	1-3/16"	3,000 lbs
K-38-20	5/8"	2-7/16"	1-3/8"	4,000 lbs

\*WLL allows a 5:1 design factor.

**K-22****DuraBrite****316 Stainless Steel Fixed-Eye Boat Snap**

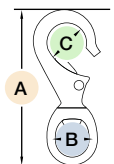
SKU	A	B	C*	WLL**
K-22-0	2-3/16"	1/2"	3/8"	70 lbs
K-22-1	2-7/8"	11/16"	3/8"	80 lbs
K-22-2	3-7/16"	3/4"	1/2"	130 lbs

\*C measurement when open. \*\*WLL allows a 5:1 design factor.

**K-39****DuraBrite****316 Stainless Steel Eye Nut**• **UNC Thread**

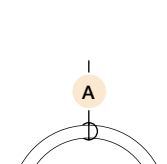
SKU	Thread Ø	A	ØB	WLL*
K-39-08	1/4"	1-3/16"	5/8"	500 lbs
K-39-10	5/16"	1-9/16"	13/16"	1,000 lbs
K-39-12	3/8"	1-15/16"	1"	1,400 lbs
K-39-16	1/2"	2-3/8"	1-3/16"	3,000 lbs
K-39-20	5/8"	2-13/16"	1-3/8"	4,000 lbs

\*WLL allows a 5:1 design factor.

**K-24****DuraBrite****316 Stainless Steel Swivel Boat Snap**

SKU	A	B	C*	WLL**
K-24-1	3-7/16"	7/8"	3/8"	70 lbs
K-24-2	4"	7/8"	7/16"	110 lbs

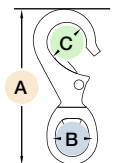
\*C measurement when open. \*\*WLL allows a 5:1 design factor.

**K-42****DuraBrite****304 Stainless Steel Round Ring**

SKU	ØA	ØB	WLL*
K-42-320	1/8"	9/16"	125 lbs
K-42-525	3/16"	1"	500 lbs
K-42-540	3/16"	1-9/16"	500 lbs
K-42-545	3/16"	1-3/4"	500 lbs
K-42-550	3/16"	2"	500 lbs
K-42-630	1/4"	1-3/16"	675 lbs
K-42-640	1/4"	1-9/16"	675 lbs
K-42-650	1/4"	2"	675 lbs
K-42-840	5/16"	1-9/16"	1,250 lbs
K-42-850	5/16"	2"	1,250 lbs
K-42-860	5/16"	2-3/8"	1,250 lbs

⚠ **WARNING:** Not for human support or overhead lifting.

\*WLL allows a 5:1 design factor.

**LB-24-2U****DuraBrite****Brass Polished Swivel Eye Snap****NEW**

A	B	C*
87 mm	17 mm	9 mm

\*C measurement when open. \*\*WLL allows a 5:1 design factor.



## K-60

DuraBrite

### 316 Stainless Steel Eye/Eye Turnbuckle

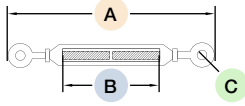
- Metric Thread

SKU	Thread Ø	A*	B**	ØC	WLL†
K-60-06	3/16"	5"	2-13/16"	5/16"	300 lbs
K-60-08	1/4"	6-5/16"	3-9/16"	3/8"	660 lbs
K-60-10	5/16"	8-3/16"	4-13/16"	1/2"	1,000 lbs
K-60-12	3/8"	9-13/16"	6"	5/8"	1,360 lbs

\*A is closed length measurement.

\*\*B is body measurement.

†WLL allows a 5:1 design factor.



## LCF-349-Z

DuraBrite

### Zinc Plated Steel Tow Hook

- Drop Forged Steel
- Zinc Plated

L	W	Gate Ø
3-7/8"	2-1/2"	9/16"

## K-63

DuraBrite

### 316 Stainless Steel Hook/Eye Turnbuckle

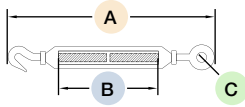
- Metric Thread

SKU	Thread Ø	A*	B**	ØC	WLL†
K-63-06HE	3/16"	5"	2-13/16"	3/8"	50 lbs
K-63-08HE	1/4"	6-7/16"	3-9/16"	1/2"	150 lbs
K-63-10HE	5/16"	8-3/16"	4-13/16"	9/16"	280 lbs

\*A is closed length measurement.

\*\*B is body measurement.

†WLL allows a 5:1 design factor.



## WC

DuraBrite

### Winch Cable w/ Zinc Plated Tow Hook

- 7x19 Galvanized Cable

SKU	Wire Ø	L
WC-6-25	3/16"	25'
WC-7-50	7/32"	50'

## K-64

DuraBrite

### 316 Stainless Steel Jaw/Jaw Turnbuckle

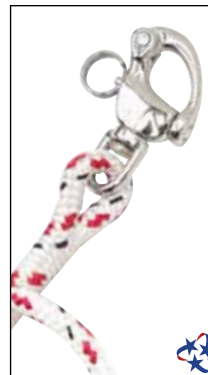
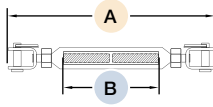
- Metric Thread

SKU	Thread Ø	A*	B**	WLL†
K-64-06	3/16"	5-1/8"	2-13/16"	330 lbs
K-64-08	1/4"	6"	3-9/16"	600 lbs
K-64-10	5/16"	7-9/16"	4-3/4"	950 lbs
K-64-12	3/8"	9-9/16"	5-15/16"	1,500 lbs
K-64-16	1/2"	12-7/16"	7-7/8"	2,200 lbs

\*A is closed length measurement.

\*\*B is body measurement.

†WLL allows a 5:1 design factor.



## H-SP

U.S. Rigging

### Spinnaker Halyard



SKU	Rope Ø	L
H-SP10-60	5/16"	60'
H-SP12-90	3/8"	90'
H-SP14-110	7/16"	110'

ROPE COLOR White

TRACER COLOR Black, Red, Blue or Green

## LCF-66

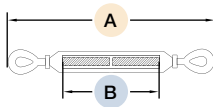
DuraBrite

### Galvanized Steel Eye/Eye Turnbuckle

- UNC Thread

SKU	A	B		Eye Ø	WLL*
		Closed	Open		
LCF-66-08-Z	1/4"	6-1/4"	8-3/4"	3/8"	400 lbs
LCF-66-10-Z	5/16"	7-3/4"	11-1/4"	1/2"	600 lbs
LCF-66-12-Z	3/8"	9-1/2"	17-1/2"	5/8"	1,200 lbs
LCF-66-16-Z	1/2"	11-1/2"	17-1/2"	3/4"	2,000 lbs

\*WLL allows a 5:1 design factor.



## H

U.S. Rigging

### Stainless Steel Wire-to-Rope Halyard Kit

SKU	Wire Ø	Rope Ø	L
H-430-1030	1/8"	5/16"	30'
H-440-1240	1/8"	3/8"	40'
H-540-1250	5/32"	3/8"	40'
H-650-1450	3/16"	7/16"	50'
H-760-1460	7/32"	7/16"	60'
H-765-1665	7/32"	1/2"	65'

Our **Wire-to-Rope** Halyards are hand-spliced and feature high-quality, very flexible **7x19 stainless steel cable** taper spliced to **very low-stretch Dacron** yacht braid. Furnished with a stainless thimble and oval compression sleeve for installation by the yachtsman.

ROPE COLOR White

TRACER COLOR Black, Red, Blue or Green

Custom lengths upon request.



# **YOKE** Master Distributor



Grade 80 Lifting Chain Fittings



Grade 100 Lifting Chain Fittings



Shackles



Wire Rope Sockets & Sleeves



Snatch Blocks



Lifting Points



Angular Contact Bearing Swivels



Hoist Hooks

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## **CHAFE GEAR - PROTECTIVE COVERINGS**

Chafe Master™ offers a complete line of protective sleeves, straps, engine blankets and exhaust coverings manufactured from a wide variety of custom fabrics to provide equipment and operator protection.

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