ANSI ACCREDITED | CE

METAL CATALOGUE

MET-Plast

HARDWARE & ACCESSORIES

METAL | PLASTIC

Securing Safety, Elevating Confidence:
Your Partner in Fall Protection Solutions.



VIRAJ
VSPL GROUP

30 YEARS EXCELLENCE | STAR EXPORT HOUSE RECOGNIZED BY GOVT. OF INDIA | QUALITY MANAGEMENT SYSTEM ISO 9001 : 2015 | MADE IN INDIA | TESTED & CERTIFIED Intertek INDEPENDENTLY | Sedex

VIRAJ SYNTEX (PVT.) LIMITED

www.virajsyntex.com



30 YEARS EXCELLENCE

A Government Recognized Star Export House

MAKE IN INDIA

VIRAJ SYNTEX (P) LTD. (VSPL Group) established in 1995 has managed to carve a niche for itself in terms of customer satisfaction and state of the art technology.

VSPL Group specializes in the field of Narrow Woven Fabrics & Braided Cords/ Ropes , Fall Protection Equipments, Material handling & Load Restraint Systems and Equestrian Products. In India, we are one of the leading suppliers of Narrow Woven Fabrics used in Parachutes and other safety equipments used by the Indian Defence Organisations. Our Manufacturing set-up is spread over 1,50,000 sq. ft and is equipped with finest and latest weaving, braiding, twisting machines along with continuous dyeing and testing equipments. We are one of the few companies having a complete Vertical Integrated manufacturing process along with complete In house testing of all input raw material till complete finished products which gives us a strong control over quality at every step.

All our systems & process are registered to ISO 9001:2015. ISI, CE, ANSI and OSHA certifications reaffirm our commitment towards values of quality, innovation & fair Business Practices for complete customer satisfaction.

VSPL Group has expanded its marketing horizons in Europe, UK, Asia Pacific, Africa, USA, Australia and Middle East.

VIRAJ SYNTEX PVT. LTD

A name trusted for more than 30Years
An ISO 9001 : 2015 Certified Company
www.virajsyntex.com

DISCLAIMER

The information provided in this catalogue is based upon the technical data that VIRAJ obtained under laboratory conditions and believes to be reliable. VIRAJ does not guarantee results and takes no liability or obligation in connection with this information. As conditions of end use are beyond our control it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Please ensure that this information is only to check that the product selected is suitable for the intended use. Any product that is damaged, torn, worn or punctured should be immediately discontinued from usage.

VIRAJ, is an Indian based company, manufacturing and developing Safety Hardware. We are one of the largest, fully backward integrated unit, manufacturing all the components of its entire range of products from basic raw material in house. An ISO 9001:2015 Certified company, VIRAJ follows a strict and diligent production and quality control at every stage. We operate an in house QC Lab with the capabilities to perform relevant manufacturing test requirements for International standards such as ANSI Z359.12, CSA Z259.12, CE EN 362, and CE EN 1677.

We also welcome OEM/ODM manufacturing projects. Our accumulated product developments and manufacturing experiences over the past years have proved to be valuable assets to our customer. The company assures its clients of their satisfaction by addressing their needs and requirements in a timely manner. It is thus foreseen, that VIRAJ will soon rise into prominence and gain the stature as one of the most reliable player in the industry.



Injection Moulding Machine



Bandsaw Machine



Drill Machine - 01



Machining Section



Riveting Machine



Hardening Machine

MET-Plast Div.



Assembly Section



Metal Sheet Shearing Machine



Shot Blasting Machine



Vibro Machine



Plastic Grinder (Granulator) Machine



Drill Machine

MET-Plast Div.



Quenching Machine



Welding Machine



Polishing Machine



Belt Grinder Machine

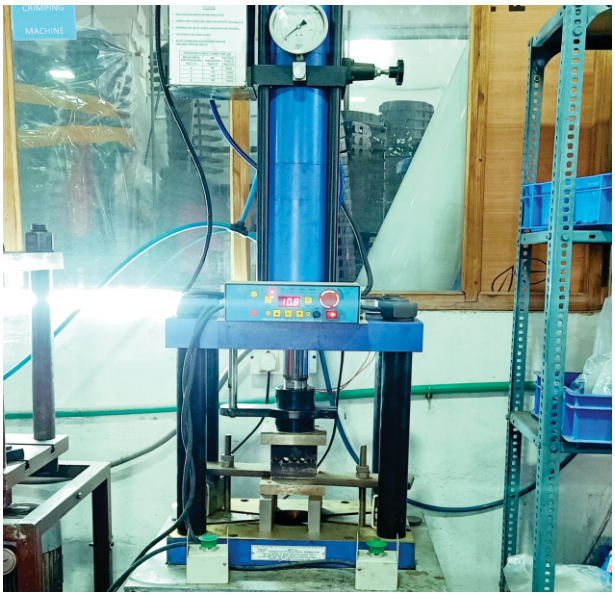


Tampering Machine



Effluent Treatment Plant Machine

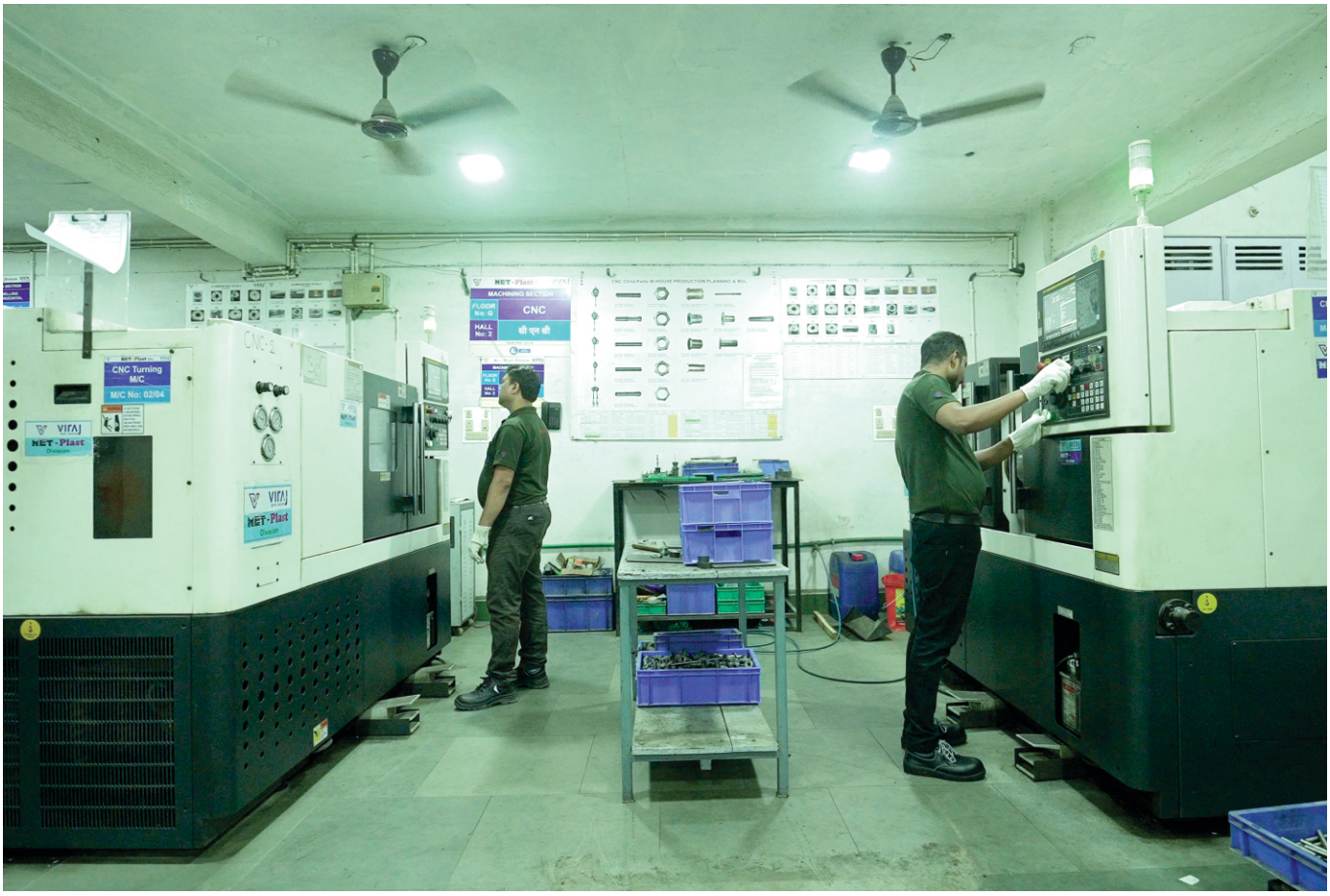
MET-Plast Div.



Hydraulic Crimping Machine



Power Press Machine - 10, 20, 30, 40, 50,75 & 100 Ton



CNC - Turning Machine

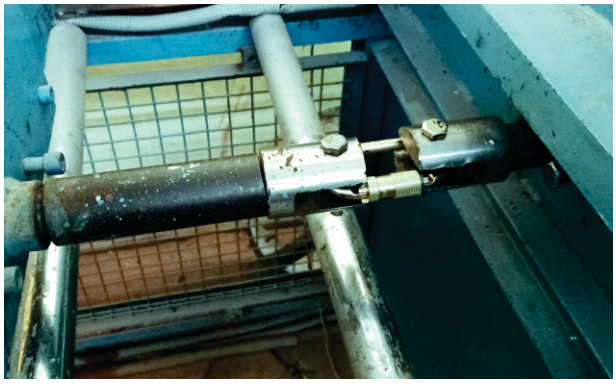
MET-Plast Div.

Each and every step of manufacturing at Viraj Syntex (P) Ltd. follows adherence to strict quality parameters and focus lies on quality through-out the various stages involved. All raw as well as semi finished goods at Viraj Syntex (P) Ltd. also pass through stringent quality norms as laid down in the Quality Manual of the Company.

The final product, at Viraj Syntex (P) Ltd. is then tested to fulfill the requirements which are set much above the EN Norms, ANSI, OSHA and ISI standards.



Dhol Machine



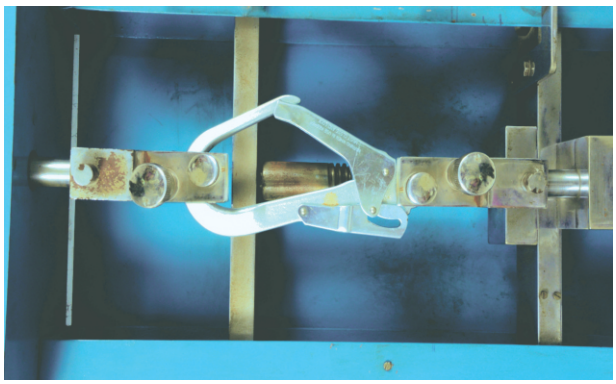
Static Load Testing of All Products



Plating Section



D-ring Testing



Static Load Testing of Scaffold Hook

Content

10	Rope Grab
11	Karabiners
13	Snap Hooks
14	Scaffold Hooks
16	Ascender Descender & Pulley
17	D-Ring
21	Buckles
23	Frames
24	Other
25	Anchorage
28	Plastic Components
33	Webbing & Ropes

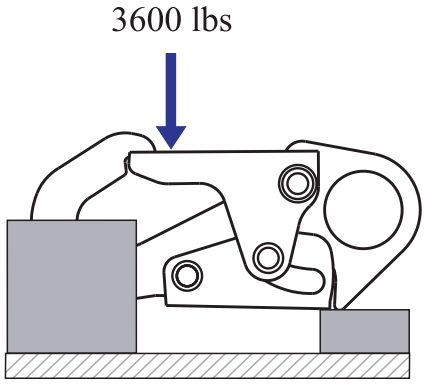
RANGE OF HOOKS & CONNECTORS AS PER AMERICAN STANDARD ANSI Z359.12-2009

The revision in the standard has the following important features in the Gate strength of the Snap Hooks and the Karabiners :-

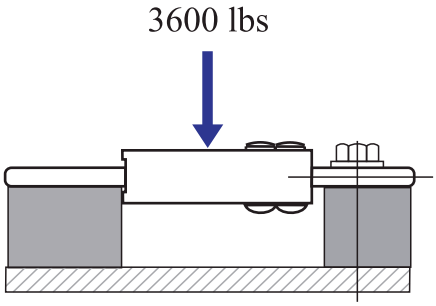
- Gate Face to withstand a load of more than 3600 pounds
- Side of Gate to withstand a load of more than 3600 pounds
- Tensile load must withstand 5000 pounds.
- Minor axis of karabiners (except those with captive eyes) to withstand a load of more than 3600 pounds.

Viraj provides a range of connectors which conform to the revised new ANSI Z 359.12-2009 and can be seen specially marked as such.

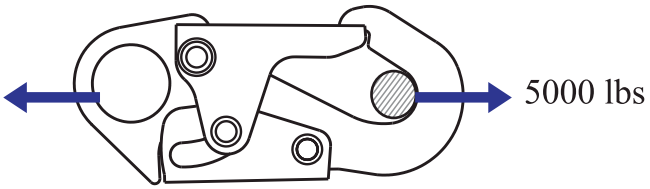




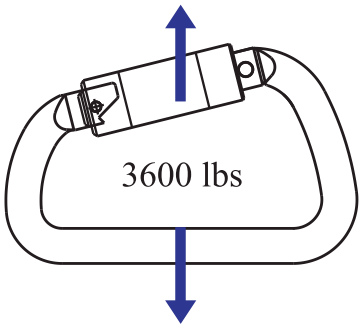
Gate face resistance test



Gate side-load resistance test



Major Axis Load Test

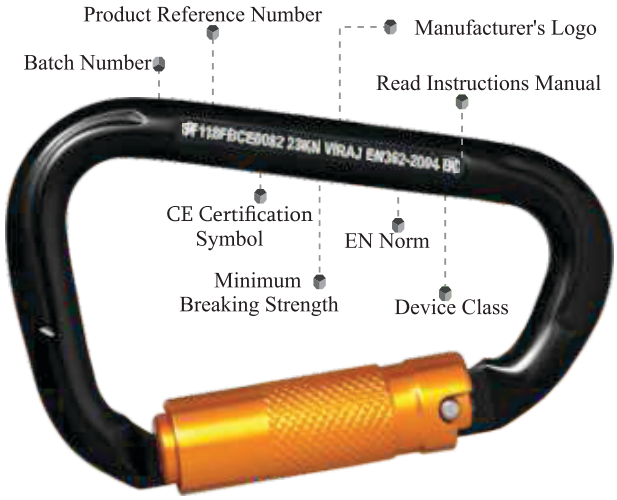


Minor Axis Load Test

MARKING ON METAL COMPONENT

EUROPEAN (EN)

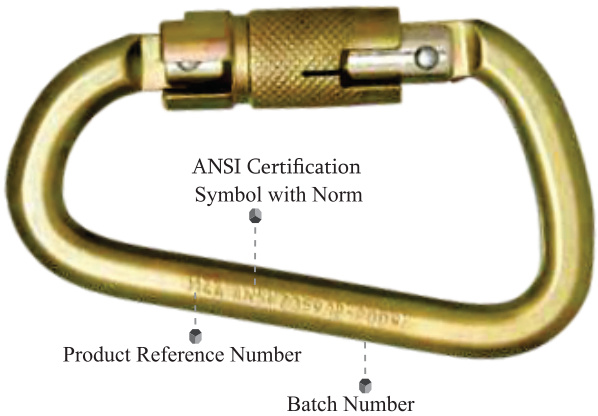
CE





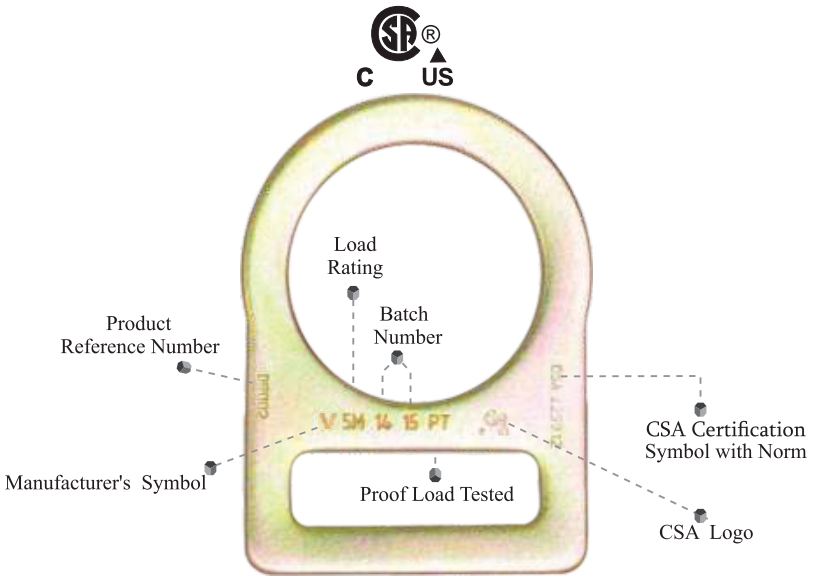
AMERICAN (ANSI)

ANSI



CANADIAN (CSA)

C US



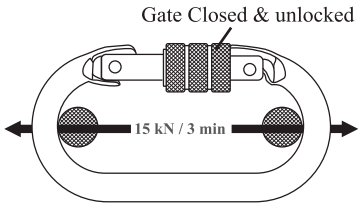
Technical specification and dimensions presented in this catalogue are for reference only. Please confirm all specification and dimensions with our sales representative before placing order

STRICT QUALITY PARAMETERS AT VIRAJ

All the metal components at Viraj are subjected to stringent methods of Inspection and Testing procedures. In 100% Online Inspection, visual check of each and every component is done for proper functioning and Finishing. Random samples drawn from every lot are subjected to static testing and corrosion resistance testing as per relevant standards.

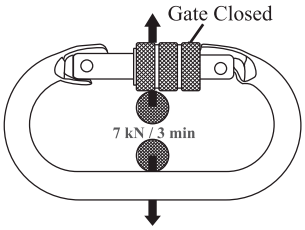
Static load tests carried out on all Connectors as per EN 362:2004

A



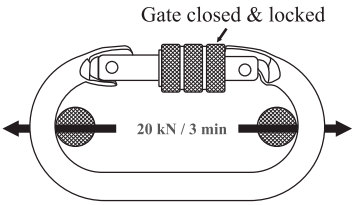
The Karabiner must not Break

D



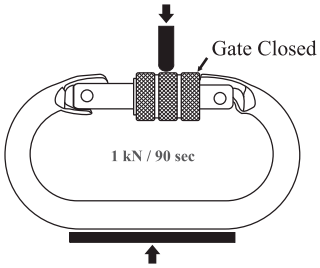
The Karabiner must not Break (Minor Axis)

B



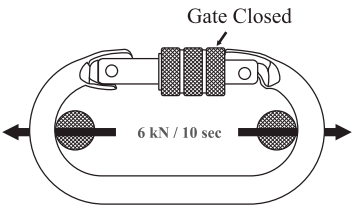
The Karabiner must not Break

E



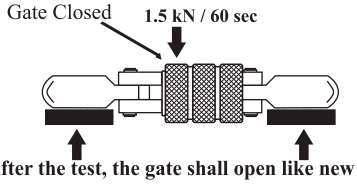
After the test, the gate shall open like new one.
Gate Resistance (Gate Face)

C



After the test, the gate shall open like new one.
(Gate Function)

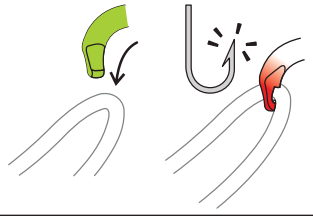
F



After the test, the gate shall open like new one.
Gate Resistance (Gate Side)

New Feature Added





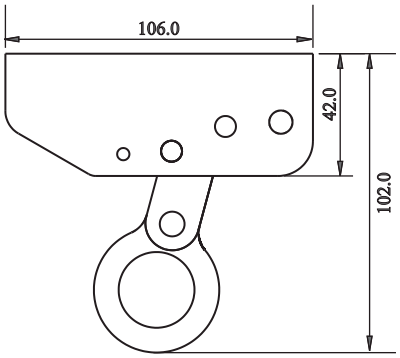
To ensure optimal efficiency, introducesNewBulbtypeKarabinerseg. which uses the Keylock System.

Thebody/gateinterfacedoesnothaveaHook thatcouldsnagonAnchors,Ropes,Harness equipmentloops,etc.



Rope Grab
Ref: SF-RG-1

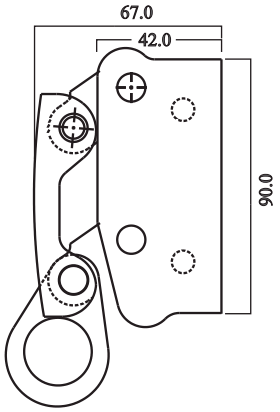
- Material: Stainless Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.1-2007)
- Finish: Polished
- Net Weight: 0.70 lbs ± 0.02 lbs (320 gm)
- Conforms: EN 353-2:2002 within a system formed with 14mm & 16mm mm Diameter Kernmantle Rope.
- Performance of Rope Grab depends upon the quality of the Rope used in conjunction with it in the system, We request our customers to check the performance on their ropes before selecting our rope grab.





Rope Grab Fixed for Fiber Rope
Ref: SF-RG-3

- Material: Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.1-2007)
- Finish: Silver or Golden Yellow Galvanized; Shot Blasted on request
- Net Weight: 1.0 lbs ± 0.02 lbs (460 gm)
- Conforms: EN 353-2:2002 & EN 358:1999
- With in a system formed with 12mm & 14mm kernmantle rope and 16mm Diameter Polyamide Twisted Rope. Performance of Rope Grab depends upon the quality of the Rope used in conjunction with it in the system, We request our customers to check the performance on their ropes before selecting our rope grab.

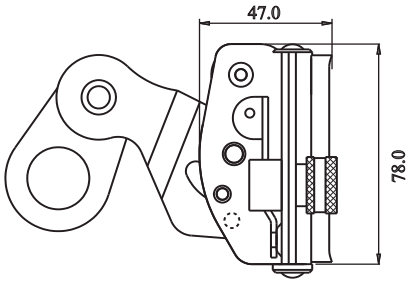




Rope Grab Openable
Ref: SF-RG4

- Tested as per ANSI Z 359.1-2007)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 1.25 lbs ± 0.02 lbs (570 gm)
- Conforms: EN 353-2:2002 within a system Formed with 14mm & 16mm Diameter Polyamide Twisted Rope and 12mm Diameter Kernmantle Rope.
- Performance of Rope Grab depends upon the quality of the Rope used in conjunction with it in the system, We request our customers to check the performance on their ropes before selecting our rope grab

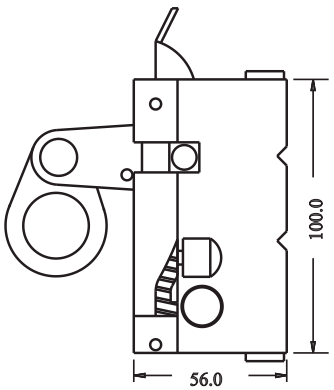
RG 08(25) : Anchorage Eye Internal Dia = 25 mm
RG 08(50) : Anchorage Eye Internal Dia = 50 mm

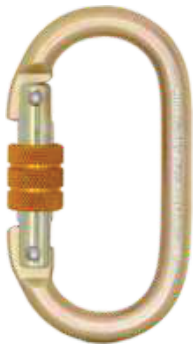




Rope Grab Removable for Fiber Rope
Ref: SF-RG5

- Material: Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.1-2007)
- Finish: Silver or Golden Yellow Galvanized;
- Shot blasted on request
- Net Weight: 1.5 lbs ± 0.02 lbs (680 gm)
- Conforms: EN 353-2:2002 within a system formed with 14 mm and 16 mm Diameter Polyamide Twisted Rope.
- Performance of Rope Grab depends upon the quality of the Rope used in conjunction with it in the system, We request our customers to check the performance on their ropes before selecting our rope grab.

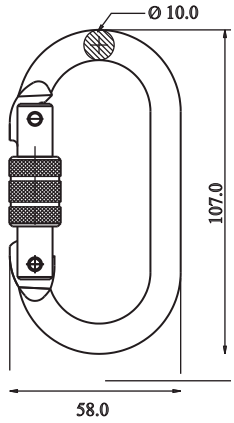




Karabiner Steel Screw-locking

Ref: SF-1102

- Material: Alloy Steel
- Gate Opening: 18 mm
- Minimum Breaking Strength: 25 kN
- Finish: Silver/ Golden Yellow Galvanized
- Net Weight: 0.40 lbs ± 0.02 lbs (182 gm)
- Conformity: EN 362:2004 Class B & Class M

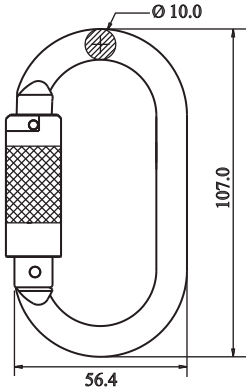




Karabiner Steel Quarter Turn-locking

Ref: SF-1102T

- Material: Alloy Steel
- Gate Opening: 16 mm
- Minimum Breaking Strength: 25 kN
- Finish: Silver/ Golden Yellow Galvanized
- Net Weight: 0.43 lbs ± 0.02 lbs (196 gm)
- Conformity: EN 362:2004 Class B



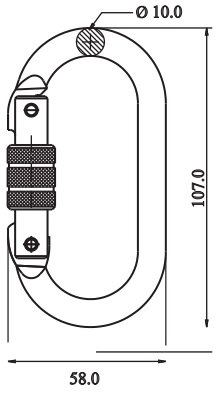


Karabiner Steel With Aluminum Screw-locking

Ref: SF-1102(A)

- Material: Alloy Steel
- Gate Opening: 18 mm
- Minimum Breaking Strength: 25 kN
- Finish: Silver/ Golden Yellow Galvanized
- Net Weight: 0.34 lbs ± 0.02 lbs (154 gm)
- Conformity: EN 362:2004 Class B & Class M
- Aluminum Screw

Also available in this color

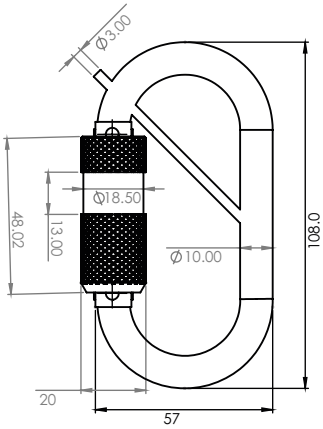




Karabiner with Captive Pin

Ref: SF-1101 A(C)

- Gate Strength: 3600 Ibs
- Material: High Strength Alloy Steel
- Gate Opening: 0.67”
- Minimum Breaking Strength: 5000 Ibs
- Finish: Galvanized With Golden Yellow/Silver passivation
- Net Weight: 0.46 lbs ± 0.02 lbs (210 gm)
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009
- Also available with captive pin.

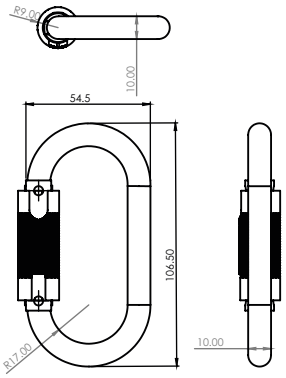




Karabiner without Captive Pin

Ref: SF-1101 A

- Gate Strength: 3600 lbs
- Material: High Strength Alloy Steel
- Gate Opening: 0.67”
- Minimum Breaking Strength: 5000 lbs
- Finish: Galvanized With Golden Yellow/Silver passivation
- Net Weight: 0.34 lbs ± 0.02 lbs (158 gm)
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009
- Also available with captive pin.





Steel Quarter Turn-locking Karabiner

Ref. SF-1103 A

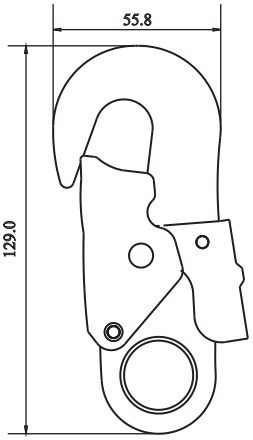
- Gate Strength: 3600 lbs
- Material: High Strength Alloy Steel
- Gate Opening: 0.84"
- Minimum Breaking Strength: 5000 lbs
- Finish: Galvanized with Golden Yellow/Silver passivation
- Net weight: 0.74 lbs ± 0.02 lbs (336 gm)
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009



CE

Snap Hook Steel
Ref : SF-1201

- Material: Alloy Steel
- Gate Opening: 16 mm
- Minimum Breaking Strength: 23 kN
- Finish: Silver/ Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.48 lbs ± 0.02 lbs (220 gm)
- Conformity: EN 362:2004 Class T
- Process: **Stamped**



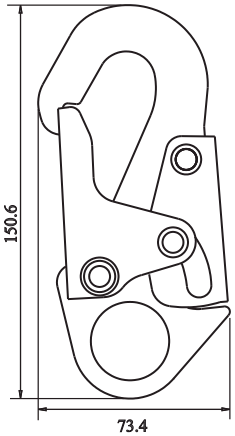


ANSI

Snap Hook Steel (ANSI)
Ref : SF-1406

Meets ANSI Z 359.12-2009

- Gate Strength: 3600 lbs
- Material: Alloy Steel
- Gate Opening: 20 mm
- Minimum Breaking Strength: 5000 lbs
- Finish: Silver/ Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.81 lbs ± 0.02 lbs (370 gm)
- Process: **Stamped**
- Proof Load Tested

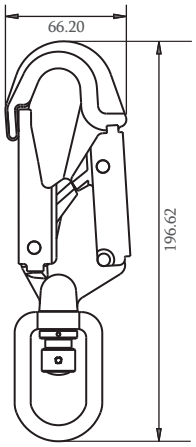


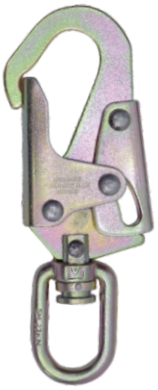


ANSI

Steel Swivel Snap Hook with Load Indicator
Ref. SF-1404

- Gate Strength: 3600 lbs
- Material: High Strength Alloy Steel
- Gate Opening: 0.89"
- Minimum Breaking Strength: 5000 lbs
- Finish: Galvanized with Golden Yellow / Silver passivation; Shot Blasted on request
- Net Weight: 1.15 lbs ± 0.02 lbs (537 gm)
- Process: Forged
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009

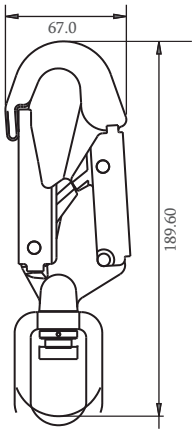




ANSI

Snap HookSteel Swivel with Load Indicator
Ref:SF-1404 (S)

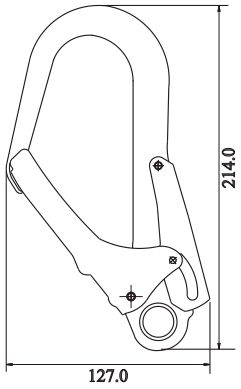
- Gate Strength: 3600 lbs
- Material: High Strength Alloy Steel
- Gate Opening: 0.79"
- Minimum Breaking Strength: 5000 lbs
- Finish: Galvanized with Golden Yellow / Silver passivation; Shot Blasted on request
- Net Weight: 1.06 lbs ± 0.02 lbs (482 gm)
- Process: Stamped
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009





Scaffold Hook Steel(Forged)
Ref : SF-1301

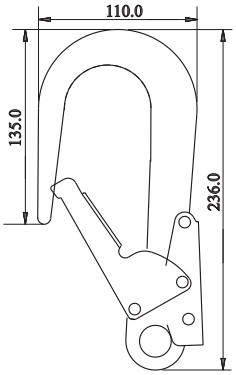
- Material: Alloy Steel
- Gate Opening: 50.8 mm
- Minimum Breaking Strength: 23 kN
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request.
- Net Weight: 1.09 lbs ± 0.02 lbs (498 gm)
- Conformity: EN 362:2004 Class A
- Process :**Forged**





Scaffold Hook Aluminium(Forged)
Ref : SF-1306

- Material: High Strength Aluminium Alloy
- Gate Opening: 60 mm
- Minimum Breaking Strength: 22 kN
- Finish: Natural silver/ Coloured, Anodized
- Net Weight: 1.06 lbs ± 0.02 lbs (481 gm)
- Conformity: EN 362:2004 Class A
- Process: Forged





Aluminium Swivel Rebar Hook with Load Indicator Ref. SF-1604

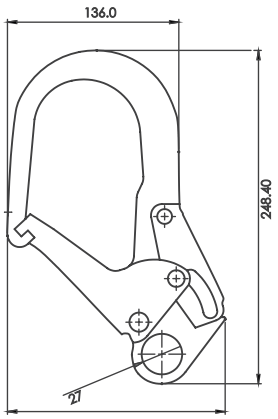
- Gate Strength: 3600 lbs
- Material: High Strength Aluminium Alloy
- Gate Opening: 2.37"
- Minimum Breaking Strength:5000 lbs
- Finish: Natural Silver/Coloured, Anodized.
  Net Weight: 1.46 lbs ± 0.02 lbs (662 gm)
- Process: Forged
- Proof load tested
- Conforms to ANSI Z 359.12-2009



Steel Rebar Hook (Stamped)

Ref: SF-1607

- Gate Strength: 3600 lbs
- Material: High Strength Alloy Steel
- Gate Opening: 2.66”
- Minimum Breaking Strength: 5000lbs
- Finish: Galvanized with Golden Yellow / Silver Passivation; Shot Blasted on request
- Net Weight: 1.69 lbs ± 0.02 lbs (768 gm)
- Process: Stamped
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009





Steel Rebar Hook (Forged)

Ref. SF-1400

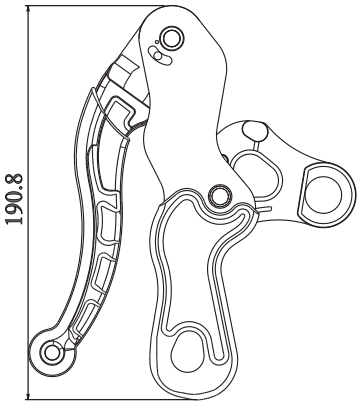
- Gate Strength: 3600 lbs
- Material : High Strength Alloy Steel
- Gate Opening: 2.36"
- Minimum Breaking Strength: 5000 lbs
- Finish: Galvanized with Golden Yellow / Silver passivation; Shot Blasted on request
- Net Weight: 1.80 lbs ± 0.02 lbs (816 gm)
- Process: Forged
- Proof Load Tested
- Conforms to ANSI Z 359.12-2009



Descender Grip

Ref : SF-DC-4001

- Ideal for descent on a single rope.
- It is equipped with a unique Self Braking System which initiates the brake as soon as the handle is released, or clasped too tightly
- Works on 11.0 mm diameter Kernmantle rope as Kernmantle rope as per EN 12841 Type C
- Net Weight: 0.74 lbs ± 0.02 lbs (336 gm)
- Conforms: EN 341-Class A & EN 12841 Type C
- Finish: Coloured, Anodized

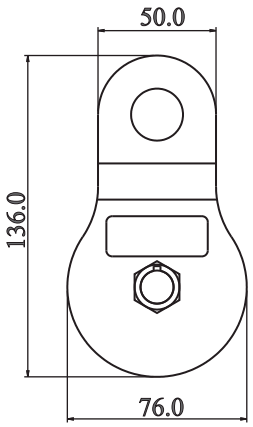




Pulley Single Steel (Single Side Attachment)

Ref : SF-5331

- Material: Alloy Steel
- Minimum Breaking Strength: 30 kN
- Finish: Silver or Golden Yellow Galvanized
- Net Weight: 0.90 lbs ± 0.02 lbs (412 gm)
- Conforms: EN 12278:2007

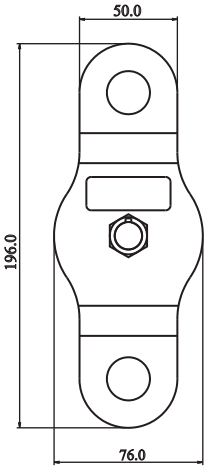




Pulley Single Steel (Double Side Attachment)

Ref : SF-5332

- Material: Alloy Steel
- Minimum Breaking Strength: 30 kN
- Finish: Silver or Golden Yellow Galvanized
- Net Weight: 1.10 lbs ± 0.02 lbs (500 gm)
- Conforms: EN 12278:2007

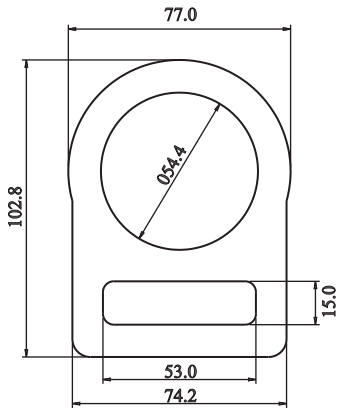


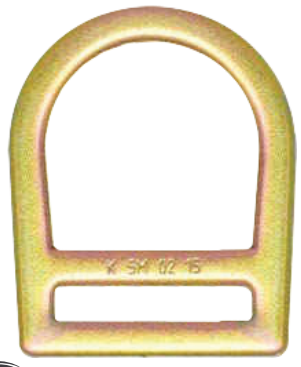


D-Ring Dorsal (Flat)

Ref. SF-DR-002

- Material: Alloy Steel
- Minimum Breaking Strength: 23 KN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.25 lbs ± 0.02 lbs (117 gm)
- Process: **Stamped**
- Proof Load Tested

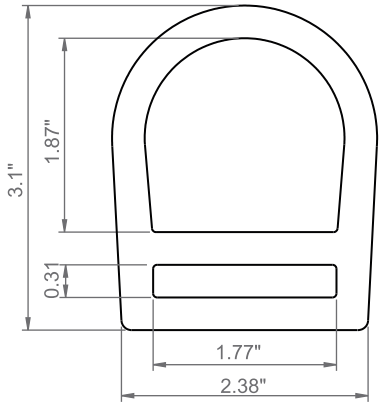




D-Ring

Ref. SF-DR-013

- Material: Alloy Steel
- Minimum Breaking Strength: 5000 lbs / 23 KN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.15 lbs ± 0.02 lbs (70 gm)
- Process: **Stamped**
- Proof Load Tested

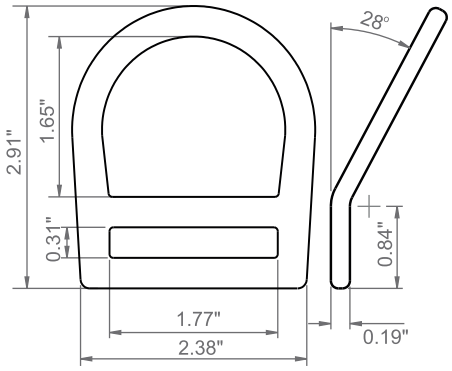




D-Ring

Ref. SF-DR-013 B

- Material: Alloy Steel
- Minimum Breaking Strength: 5000 lbs / 23 KN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.15 lbs ± 0.02 lbs (71 gm)
- Process: **Stamped**

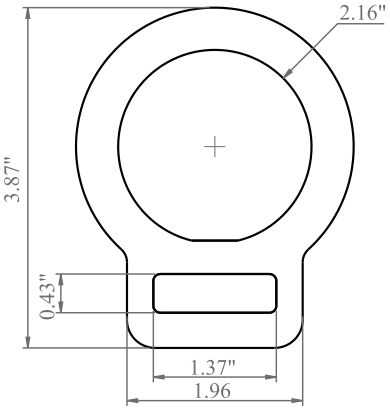




D-Ring

Ref. SF-DR-16

- Material: Alloy Steel
- Minimum Breaking Strength: 5000 lbs / 23 KN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.18 lbs ± 0.02 lbs (82 gm)
- Process: **Stamped**
- Proof Load Tested
- Conforms to CSAZ 259. 12-11



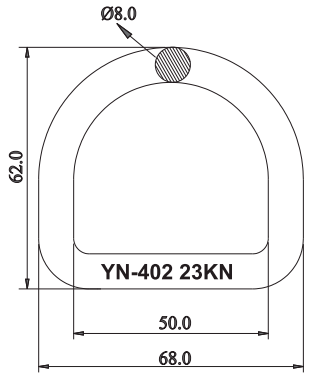


ANSI

D-Ring (8 mm)

Ref: SF-D616

- Material: Alloy Steel
- Minimum Breaking Strength: 23 KN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized
- Net Weight: 0.17 lbs ± 0.02 lbs (81 gm)
- Process: **Forged**
- Proof Load Tested



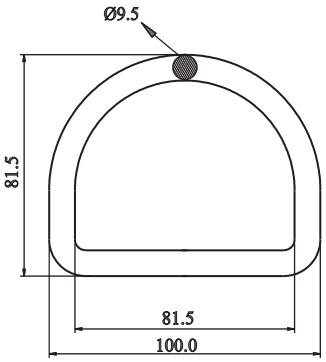


ANSI

D-Ring

Ref : SF-DR-009

- Material: Alloy Steel
- Minimum Breaking Strength: 23 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized
- Net Weight: 0.38 lbs ± 0.02 lbs (176 gm)
- Process: **Forged**
- Proof Load Tested





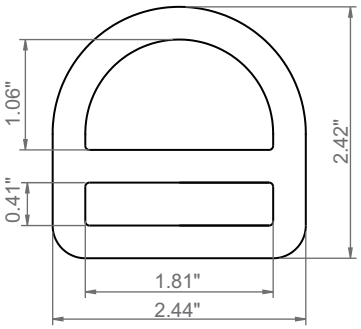
ANSI

D-Ring

Ref : SF-DR-010

Material: Alloy Steel

- Minimum Breaking Strength: 5000 lbs / 23 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.169 lbs ± 0.02 lbs (77 gm)
- Process : Stamped
- Proof load tested
- Conforms to CSA Z 259.12-11



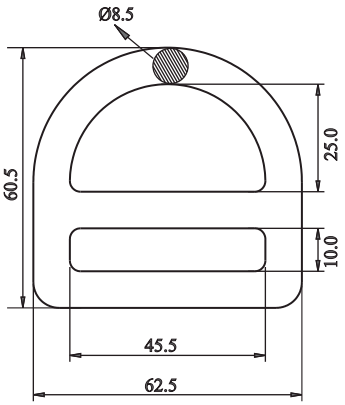


ANSI

D-Ring with Bar

Ref : SF-DB-403

- Material: Alloy Steel
- Minimum Breaking Strength: 23 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized
- Net Weight: 0.20 lbs ± 0.02 lbs (92 gm)
- Process: **Forged**
- Proof Load Tested

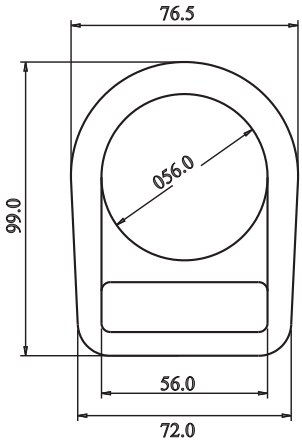




ANSI

D-ring Dorsal For ged
Ref : SF-DR-020

- Material: Forged Alloy Steel
- Minimum Breaking Strength: 23 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized
- Net Weight: 0.35 lbs ± 0.02 lbs (159 gm)
- Process: **Forged**
- Proof Load Tested

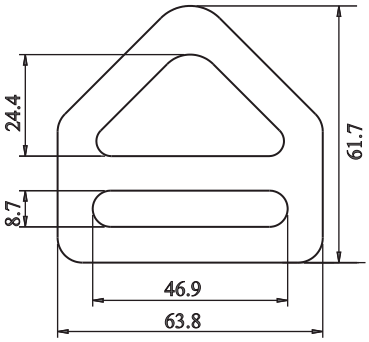




ANSI

D-Ring Triangular
Ref : SF-DR-011

- Material: Alloy Steel
- Minimum Breaking Strength: 23 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot Blasted on request
- Net Weight: 0.16 lbs ± 0.02 lbs (75 gm)
- Process: **Stamped**
- Proof Load Tested

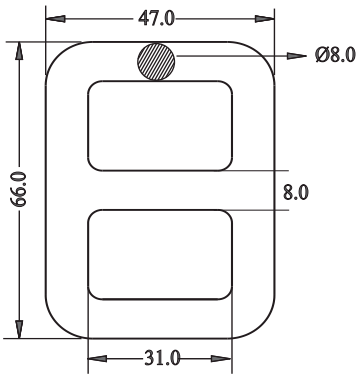




ANSI

B-Ring (Big)
Ref : SF-BR-001

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.21 lbs ± 0.02 lbs (99 gm)
- Process: **Forged**

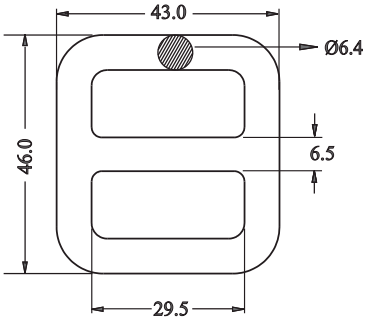




ANSI

B-Ring (Small)
Ref : SF-BR-002

- Material: Alloy Steel
- Minimum Breaking Strength:15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.11 lbs ± 0.02 lbs (53 gm)
- Process: **Forged**

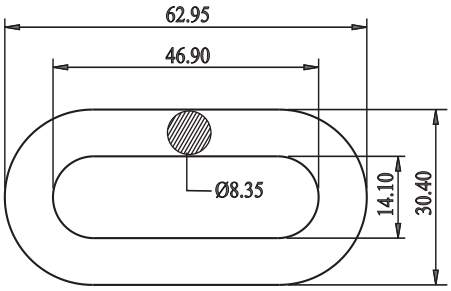




ANSI

Ring Oval Big
Ref : SF-BR-006

- Material: Alloy Steel
- Minimum Breaking Strength:15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.17 lbs ± 0.02 lbs (80 gm)
- Process:

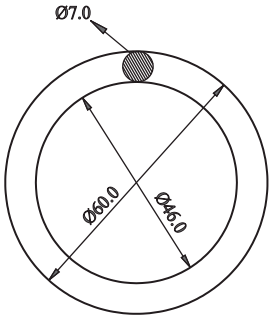




ANSI

O-Ring
Ref : SF-OR-002

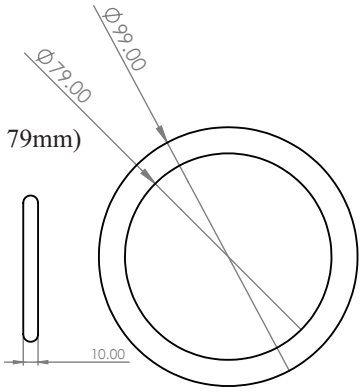
- Material: Forged Alloy Steel
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.11 lbs ± 0.02 lbs (50 gm)
- Process: **Forged**
- Minimum Breaking Strength: 15 kN (when tested as per ANSI Z 359.12-2009)





O-Ring (outer dia 78mm & inner dia 58mm) or (99mm & 79mm)
Ref : SF-OR-003

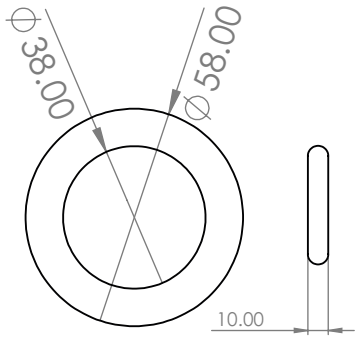
- Material Type : Forged Steel Heat Treated
- Breaking Strength : 16 KN
- Net Weight: 0.28 lbs ± 0.02 lbs (130 gm)
- Thickness : 20mm
- Dimensions : OD 78mm & ID 58mm
- Shade : Yellow Plated
- Finish : Zinc





O-Ring (outer dia 58mm & inner dia 38mm)
Ref : SF-OR-004

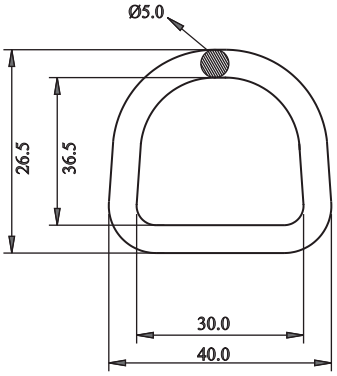
- Material Type : Forged Steel Heat Treated
- Breaking Strength : 16 KN
- Net Weight: 0.20 lbs ± 0.02 lbs (95 gm)
- Thickness : 20mm
- Dimensions : OD 58mm & ID 38mm
- Shade : Yellow Plated
- Finish : Zinc





Ring Tool Holding
Ref : SF-DR-015

- Material: Stainless Steel
- Finish: Polished Stainless Steel
- Net Weight: 0.02 lbs ± 0.02 lbs (13 gm)

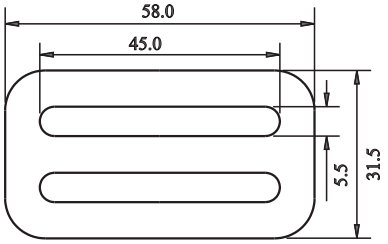




CE

Buckle Parachute
Ref : SF-AB-608

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.07 lbs ± 0.02 lbs (34 gm)
- Process:**Stamped**

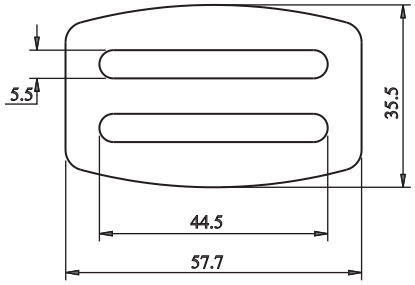




ANSI

Buckle Belan
Ref : SF-PB-003

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.07 lbs ± 0.02 lbs (34 gm)
- Process:



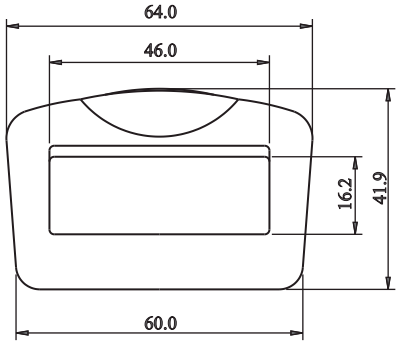


CE

Buckle Combination (Big)
Ref : SF-PB-013

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (when Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.08 lbs ± 0.02 lbs (40 gm)
- Process: **Stamped**

SF-PB-013 powder coated black
SF-PB-013 zinc plated white
SF-PB-013 zinc plated yellow

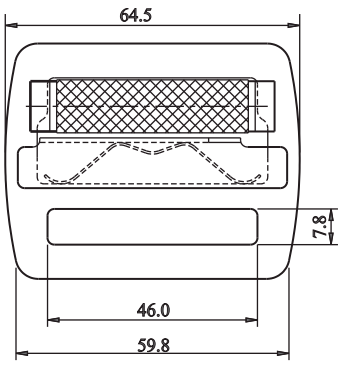




ANSI

Buckle Spring
Ref : SF-PB-010

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.19 lbs ± 0.02 lbs (87.5 gm)
- Process: **Stamped**

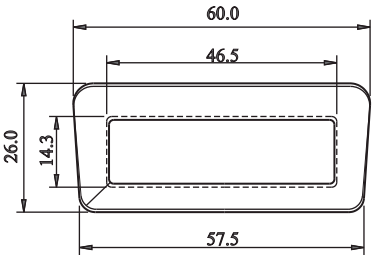




Buckle Combination (Small)
Ref : SF-PB-014

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (when Tested as per ANSI Z 359.12-2009 only as a set with PB 013)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.05 lbs ± 0.02 lbs (26 gm)
- Process: **Stamped**

SF-PB-014 powder coated black
SF-PB-014 zinc plated white
SF-PB-014 zinc plated yellow

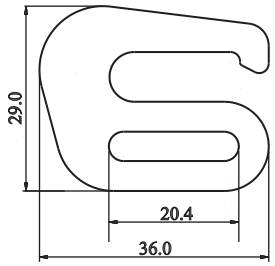


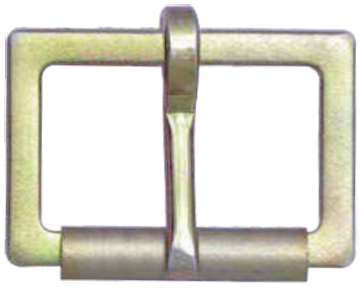


BuckleSix Shaped
Ref : SF-PB-008

- Material: Alloy Steel
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.02 lbs ± 0.02 lbs (12 gm)
- Process: **Stamped**

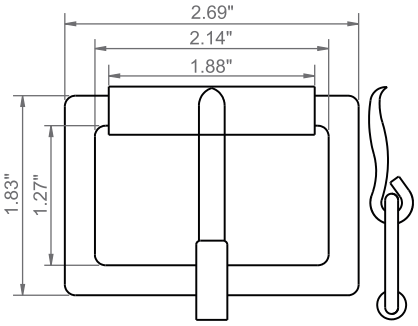
(Ideal for Anchor Trauma Straps)





Tongue Buckle Large
Ref : SF-PB-005

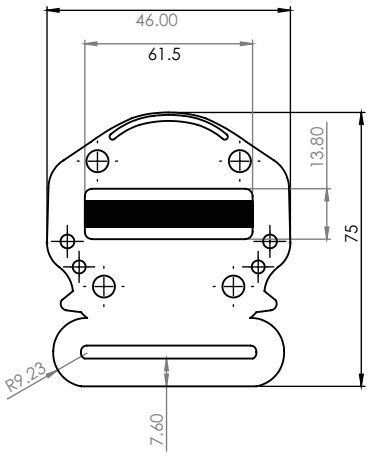
- Material: Alloy Steel
- Minimum Breaking Strength: 3372 Ibs (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.18 lbs ± 0.02 lbs (82 gm)
- Process: **Stamped**





Buckle Automatic
1Ref : SF-AB-011

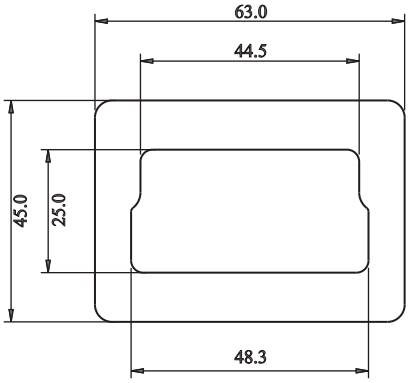
- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized or Black Electrophoretic; Shot blasted on request
- Net Weight: 0.25 lbs ± 0.02 lbs (114 gm)
- Process: **Stamped**





Frame Parachute
Ref : SF-ABF-607

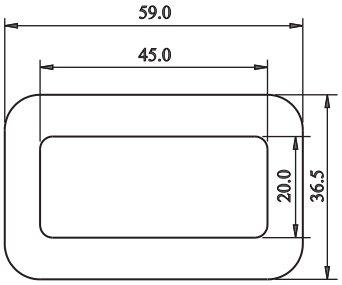
- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (when Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.09 lbs ± 0.02 lbs (43 gm)
- Process: **Stamped**





Frame Parachute Small
Ref : SF-PF-005

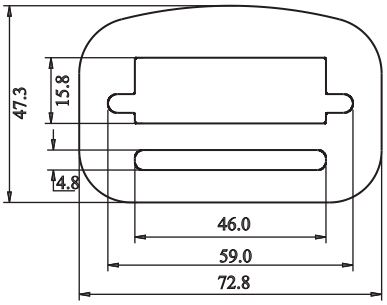
- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.07 lbs ± 0.02 lbs (34 gm)
- Process: **Stamped**





Frame Belan
Ref : SF-PF-003

- Material: Alloy Steel
- Minimum Breaking Strength: 15 kN (When Tested as per ANSI Z 359.12-2009)
- Finish: Silver or Golden Yellow Galvanized; Shot blasted on request
- Net Weight: 0.11 lbs ± 0.02 lbs (52 gm)
- Process: **Stamped**

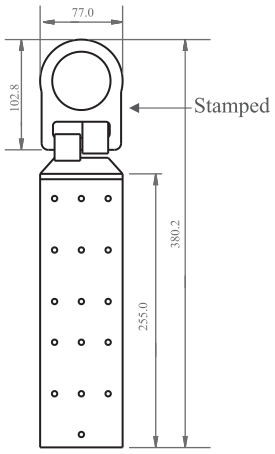




Hinged Steel Roof Anchor

Ref : SF-10

- Material: Galvanized Steel with Stamped D-Ring
- Minimum Breaking Strength: 5000 lbs/ 22.5 kN
- Finish: Powder Coated or Zinc Plated
- Net Weight: 2.3 lbs ± 0.02 lbs (1080 gm)
- Conforms to ANSI Z 359.18:2017 TYPEA

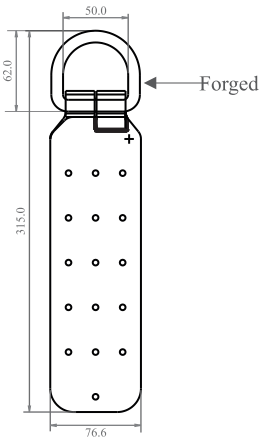




Hinged Steel Roof Anchor (Reusable)

Ref. SF-11

- Meets ANSI Z 359.18:2017 TYPEA
- Material: Galvanized Steel with Forged D-Ring
- Minimum Breaking Strength: 5000 lbs/ 23 kN
- Finish: Powder Coated or Zinc Plated
- Net Weight: 2.3 lbs ± 0.02 lbs (1080 gm)





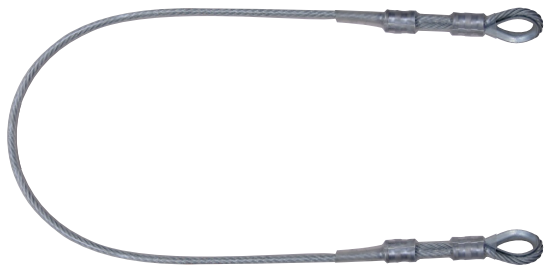
Ref. SF-PA-804-03

Anchorage connector is designed to be fixed on walls, ceilings roof top or steel structures

- Material: Galvanized Steel
- Minimum Breaking Strength: 5000 lbs/ 23 kN
- Finish: Silver/Golden, Yellow Galvanized
- Net Weight: 0.77 lbs ± 0.02 lbs (350 gm)
- Conforms to EN 795:2012 TYPE A

ANCHORAGE WIRE ROPE SLINGS

VIRAJ offers a wide range of Anchorage Wire Slings made of Galvanized wire rope PVC Coated, provided in different lengths as per need. The wire rope is looped over a st e elthimble over the ends and secured back onto the wire and swaged. The ends of the Wire Rope Slings are also provided with Forged O-ring, or with a Snap Hook as per requirement.

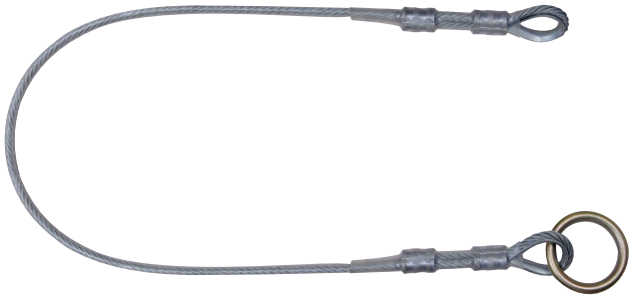


ANCHORAGE WIRE ROPE SLING

Ref. SF-AWS01

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS01 (1.0)	1.0 m	0.75 lbs ± 0.02 lbs (342 gm)	Anchorage wire rope sling having both side Steel Thimble
SF-AWS01 (1.5)	1.5 m	0.90 lbs ± 0.02 lbs (409 gm)	
SF-AWS01 (1.8)	1.8 m	0.98 lbs ± 0.02 lbs (448 gm)	
SF-AWS01 (2.0)	2.0 m	1.04 lbs ± 0.02 lbs (475 gm)	

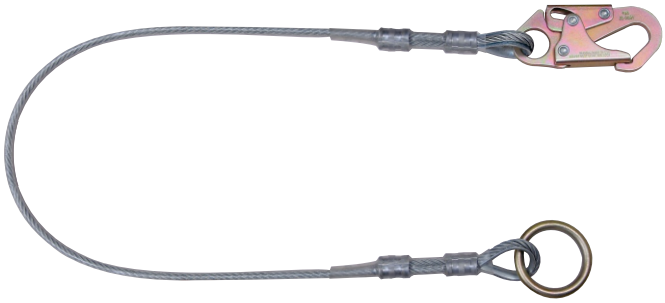


ANCHORAGE WIRE ROPE SLING

Ref. SF-AWS02

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS02 (1.0)	1.0 m	1.04 lbs ± 0.02 lbs (472 gm)	Anchorage wire rope sling having one side Forged O-ring and other side steel Thimble
SF-AWS02 (1.5)	1.5 m	1.18 lbs ± 0.02 lbs (539 gm)	
SF-AWS02 (1.8)	1.8 m	1.27 lbs ± 0.02 lbs (578 gm)	
SF-AWS02 (2.0)	2.0 m	1.33 lbs ± 0.02 lbs (605 gm)	



ANCHORAGE WIRE ROPE SLING WITH HOOK

Ref. SF-AWS03

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

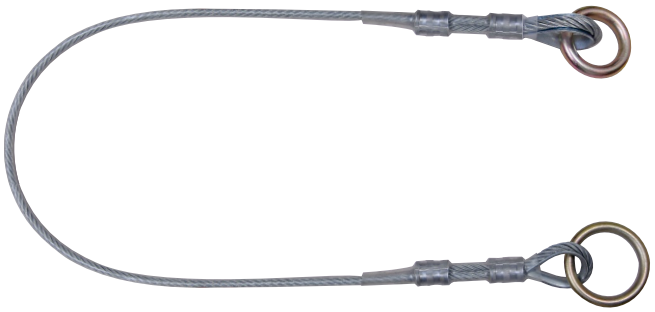
Ref. No.	Length	Weight	Description
SF-AWS03 (1.0)	1.0 m	1.92 lbs ± 0.02 lbs (872 gm)	Anchorage wire rope sling having one side Forged O-ring and other side Snap Hook SF-1406
SF-AWS03 (1.5)	1.5 m	2.07 lbs ± 0.02 lbs (939 gm)	
SF-AWS03 (1.8)	1.8 m	2.15 lbs ± 0.02 lbs (978 gm)	
SF-AWS03 (2.0)	2.0 m	2.21 lbs ± 0.02 lbs (1005 gm)	

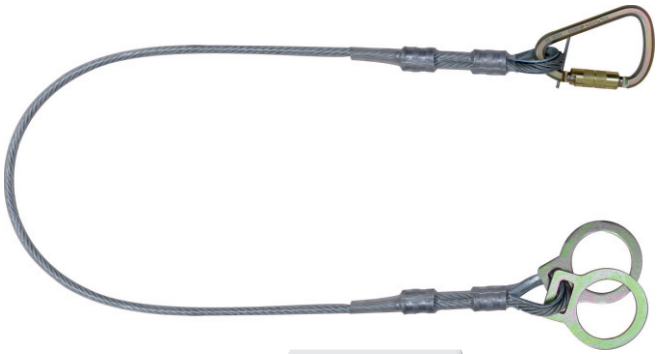
ANCHORAGE WIRE ROPE SLING WITH BOTH SIDE O-RING

Ref. SF-AWS04

- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS04 (1.0)	1.0 m	1.25 lbs ± 0.02 lbs (567 gm)	Anchorage wire rope sling having one side Forged O-ring and other side small O-ring
SF-AWS04 (1.5)	1.5 m	1.39 lbs ± 0.02 lbs (634 gm)	
SF-AWS04 (1.8)	1.8 m	1.48 lbs ± 0.02 lbs (673 gm)	
SF-AWS04 (2.0)	2.0 m	1.54 lbs ± 0.02 lbs (700 gm)	





ANCHORAGE WIRE ROPE SLING WITH HOOK

Ref. SF-AWS05

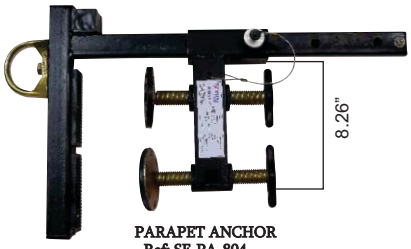
- Made of 8mm Galvanized PVC Coated Wire Rope
- Meets or Exceeds EN 795:2012 TYPE B
- Available length 1.0m, 1.5m, 1.8m & 2.0m or as required

Ref. No.	Length	Weight	Description
SF-AWS05 (1.0)	1.0 m	1.95 lbs ± 0.02 lbs (889 gm)	Anchorage wire rope sling having one side Forged two D-ring and other side one turn loc king karabiner with captive pin
SF-AWS05 (1.5)	1.5 m	2.04 lbs ± 0.02 lbs (926 gm)	
SF-AWS05 (1.8)	1.8 m	2.12 lbs ± 0.02 lbs (963 gm)	
SF-AWS05 (2.0)	2.0 m	2.18 lbs ± 0.02 lbs (990 gm)	

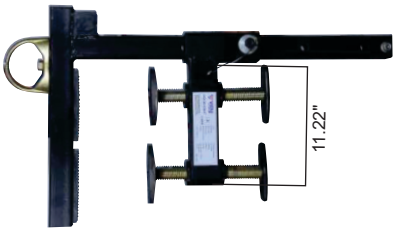


Steel Thimble and Swaged End of the Wire Rope

ANCHORAGES



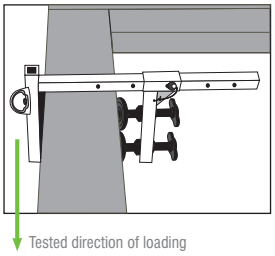
PARAPET ANCHOR
Ref: SF-PA-804



PARAPET ANCHOR WITH EXTENDED MOVABLE ARM
Ref: SF-PA-804 (BIG)

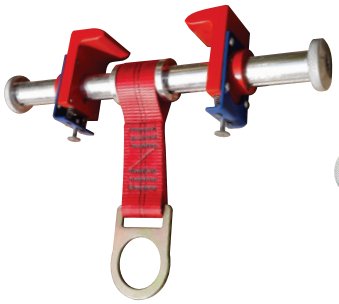
PARAPET ANCHOR

- Can be Easily Installed on Parapets of Building
- Material: High Strength Alloy Steel
- Finish: Silver/Golden, Yellow Galvanized
- Minimum Breaking (System) Strength: 5000lbs/ 23 kN
- Net Weight: 19.84 lbs ± 0.02 lbs (9000 gm) & 21.07 lbs ± 0.02 lbs (9560 gm)
- Min. width of the Parapet on which installation possible: 60mm
- Max. width of the Parapet on which installation possible: 360mm
- Conforms to EN 795:2012 TYPE B

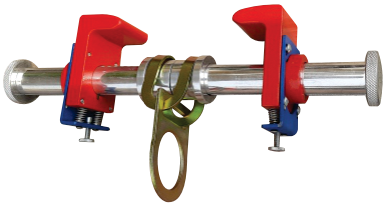


BEAM ANCHOR

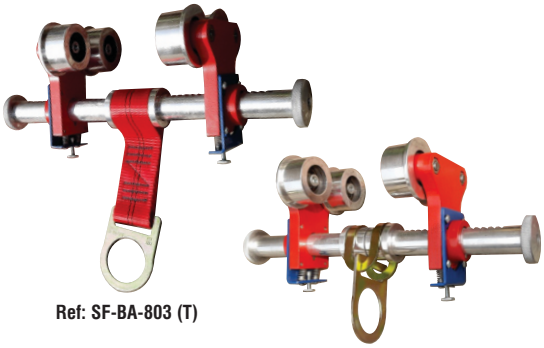
- Material : Aluminium Alloy & stainless steel
- Minimum Breaking strength : 5000 lbs/23kN
- Net Weight: 6.17 lbs ± 0.02 lbs (2800 gm) & 6.17 lbs ± 0.02 lbs (2800 gm)
- Finish : Beam - Anodized.
- Flanges adjustable from 80 mm to 295 mm.
- Conforms to EN 795:2012 TYPE B



Ref. SF-BA-803



Ref. SF-BA-803 M



Ref: SF-BA-803 (T)

Ref: SF-BA-803 M (T)

BEAM ANCHOR TROLLEY

- Material : Aluminium Alloy & stainless steel
- Minimum Breaking strength : 5000 lbs/23kN
- Net Weight: 9.25 lbs ± 0.02 lbs (4200 gm) & 9.25 lbs ± 0.02 lbs (4200 gm)
- Finish : Beam - Anodized.
- Flanges adjustable from 76mm to 300mm.
- Conforms to EN 795:2012 TYPE B

SLIDING BEAM ANCHOR

- Material : Aluminium Alloy & stainless steel
- Minimum Breaking strength : 5000 lbs/23kN
- Net Weight : 3.5 lbs ± 0.02 lbs. (1587 gm)
- Finish : Clamps, Swivel-Zinc Plated.
- Flanges adjustable from 3.5" to 14".
- Conforms to ANSI Z 359.18-2017



ANCHORS



CONCRETE ANCHOR

Ref. SF-CA01

- Material : Stainless Steel.
- Wire : Hot dip galvanized of 0.24" dia.
- Minimum Breaking (System) Strength : 5000 lbs.
  Net Weight : 0.33 lbs ± 0.02 lbs.
- Conforms to ANSI Z359.18-2017.



EDGE PROTECTOR

Ref. SF-EP01

- Edge protector made of stainless steel, protect the rope from abrasion an edge
- The edge Ring-Guides on the angle of the edge-protector keep different rope anchor lines from getting entangled over the edges
- Net Weight: 1.25 lbs ± 0.02 lbs (570 gm)

GIRDER STEEL ANCHOR

Ref. SF-GSA01

Girder Steel Anchor is a removable/reusable Anchor that can be mounted on solid steel structures, Girders and steel I-beam.

- Material: Stainless Steel & Alloy Steel
- Minimum Breaking Strength: 5000 lbs/ 23 kN
- Net Weight: 0.00 lbs ± 0.00 lbs (0.550 gm)
- Finish: Eye nut-Galvanised Zinc with Golden / Silver
- Passivation
- Body – Polished
- Compatible Structure Thickness : 40mm.
- Conforms to EN 795:2012 TYPE B



REUSABLE CONCRETE SWIVEL ANCHOR

Ref. SF-CA02

- Material : Stainless Steel.
- Minimum Breaking Strength : 5000 lbs/23kn.
- Net Weight : 0.70 lbs ± 0.02 lbs. (317 gm)
- Conforms to ANSI Z359.18-2017 type A.





ID PLATE (Type-01) 45mm

Ref: SF-102

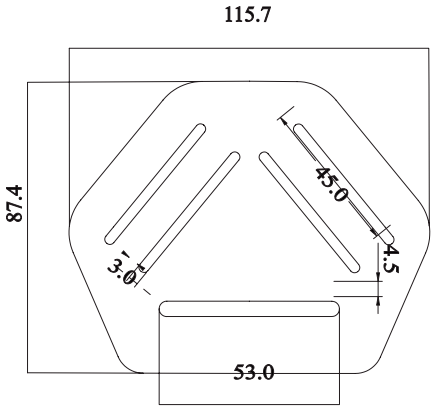
Available in any color

Net Weight: 0.05 lbs ± 0.02 lbs (26 gm)

SF-102 (BLK)

SF-102 (BLU)

SF-102 (ORG)



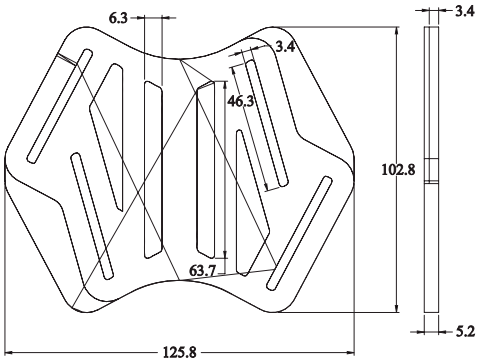


ID PLATE (Type-02)

Ref : SF-120

Available in any color

Net Weight: 0.07 lbs ± 0.02 lbs (36 gm)



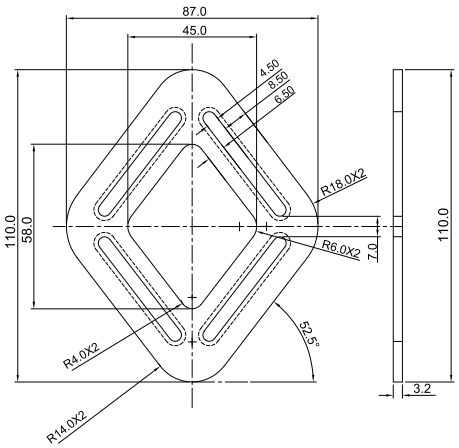


LEG STRAP ADJUSTER 45 mm

Ref: SF-133

Available in any color

Net Weight: 0.02 lbs ± 0.02 lbs (12 gm)



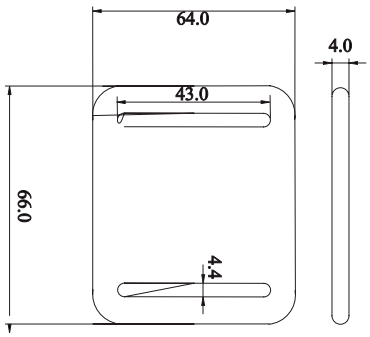


CHEST STRAP ADJUSTER 45 mm

Ref : SF-106

Available in any color

Net Weight: 0.03 lbs ± 0.02 lbs (17 gm)



Grey	Red	Orange	Blue	Yellow



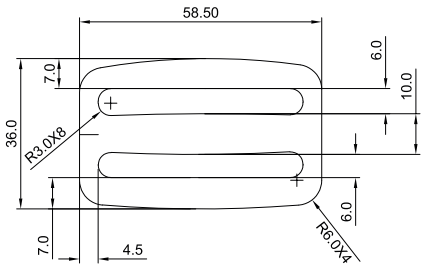
Buckle Adjuster Plastic (50 mm)

Ref : SF-130

Available in any color

Size: 50mm

Net Weight: 0.01 lbs ± 0.02 lbs (7 gm)





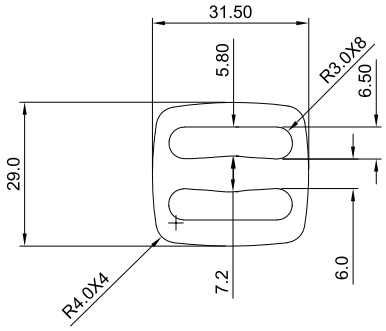
Buckle Adjuster Plastic (25 mm)

Ref: SF-129

Available in any color

Size: 25mm

Net Weight: 0.00 lbs ± 0.02 lbs (3 gm)



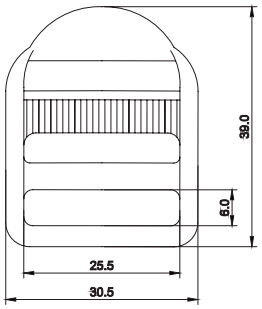


Buckle Adjuster Plastic Oval End (25mm)

Ref : SF-131

Available in any color

Net Weight: 0.01 lbs ± 0.02 lbs (5 gm)



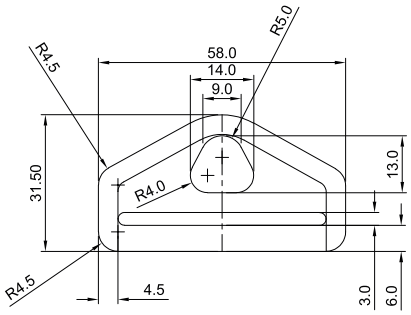


Lanyard Keeper Plastic 45mm

Ref : SF-128

Available in any color

Net Weight: 0.01 lbs ± 0.02 lbs (7 gm)





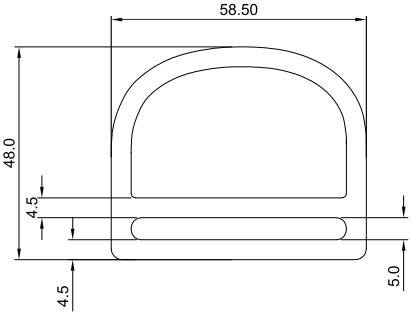
Lanyard Keeper D-Ring

45mm (ANSI)

Ref : SF-139

Available in any color

Net Weight: 0.01 lbs ± 0.02 lbs (7 gm)



Grey	Red	Orange	Blue	Yellow

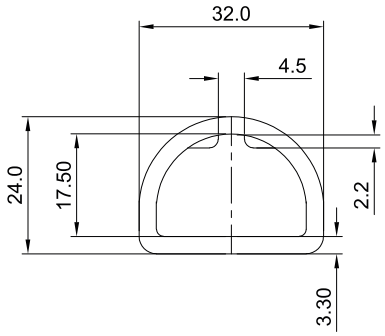


Puller D-Ring Plastic 25mm

Ref : SF-104

Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (1 gm)





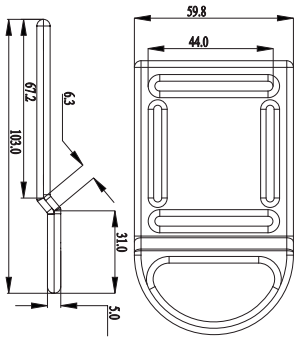
Chest Strap Adjuster with

D-Ring 45mm (4 way)

Ref : SF-136

Available in any color

Net Weight: 0.04 lbs ± 0.02 lbs (21 gm)



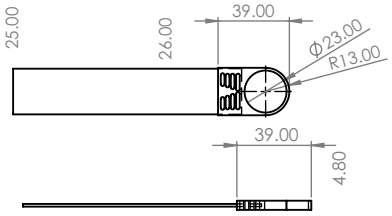


Puller D-Ring Moulded with web 25mm

Ref : SF-126

Available in any color

Net Weight: 0.02 lbs ± 0.02 lbs (13 gm)





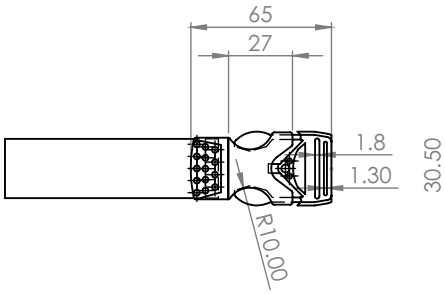
Quick Release Buckle Set

25mm with web

Ref : SF-127

Available in any color

Net Weight: 0.04 lbs ± 0.02 lbs (20 gm)





Loop (Plain)

Ref : SF-109

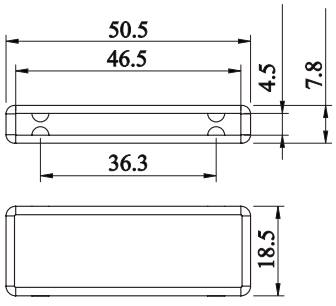
Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (4 gm)

SF-109 (BLK)

SF-109 (BLU)

SF-109 (ORG)



Grey	Red	Orange	Blue	Yellow



Loop (Ribbed)

Ref : SF-101

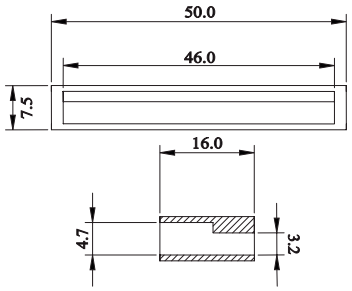
Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (4 gm)

SF-101 (BLK)

SF-101 (BLU)

SF-101 (ORG)



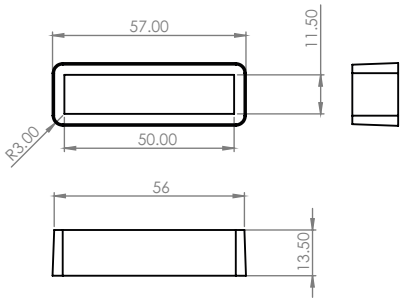


Plastic Loop Big (ANSI)

Ref : SF-146

Available in any color

Net Weight: 0.02 lbs ± 0.02 lbs (9.5 gm)



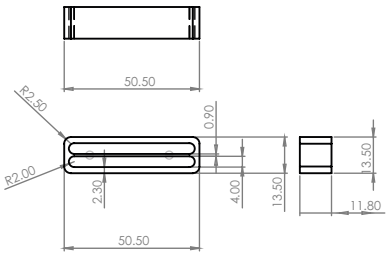


Plastic Loop (2 Part close Type) (ANSI)

Ref : SF-147

Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (3.5 gm)



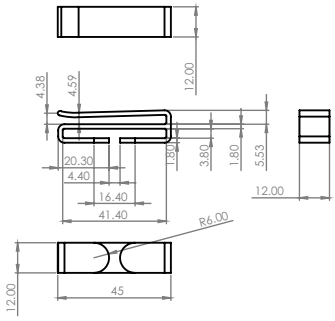


Plastic Loop (2 Part open Type) (ANSI)

Ref : SF-148

Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (4 gm)



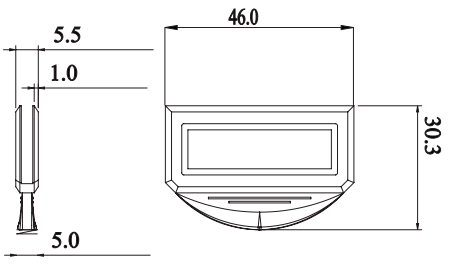


Webend 45 mm

Ref : SF-117

Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (3 gm)



Grey	Red	Orange	Blue	Yellow



D-Ring Plastic Web Cover

Ref : SF-132

Available in any color

Net Weight: 0.00 lbs ± 0.02 lbs (2 gm)



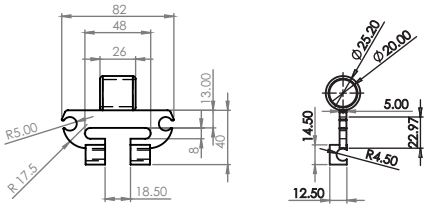


Block Connector (Twin Alpha)

Ref : SF-RFA-02-23

Available in any color

Net Weight: 0.03 lbs ± 0.02 lbs (15 gm)





Thimble Rope 12mm

Ref : SF-105

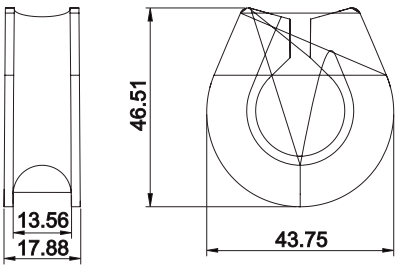
Available in any color

Net Weight: 0.01 lbs ± 0.02 lbs (7 gm)

SF-105 (BLK)

SF-105 (WHT)

SF-105 (ORG)





Thimble Rope 14.5mm

Ref : SF-110

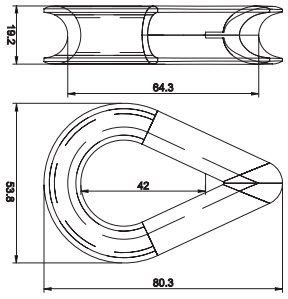
Available in any color

Net Weight: 0.04 lbs ± 0.02 lbs (19 gm)

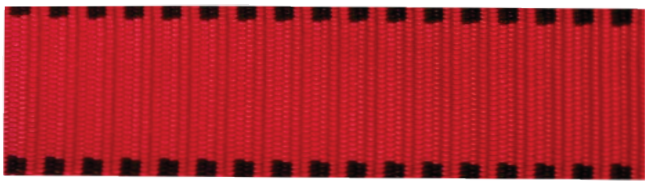
SF-110 (BLK)

SF-110 (WHT)

SF-110 (ORG)

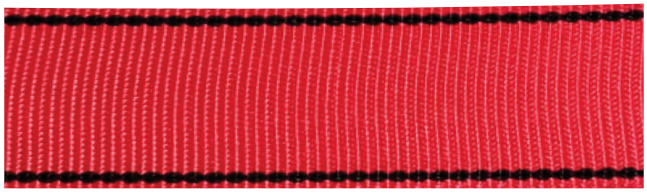


Grey | Red | Orange | Blue | Yellow



Polyester Harness Webbing 44mm x 1.95 x 2500 kgf

Item Code	NWF-967	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	1.95 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



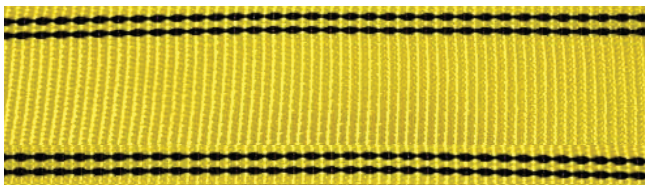
Polyester Harness Webbing 44mm x 1.85 x 2500 kgf

Item Code	NWF-936	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	1.85 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



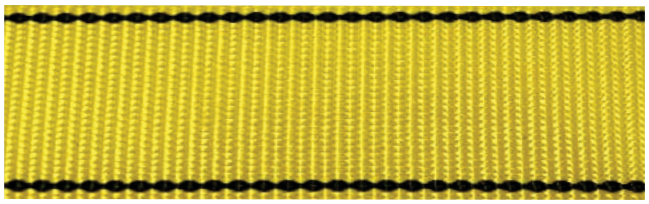
Polyester Tear Webbing 44mm x 3.20 x 2500 kgf

Item Code	NWF-20P	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	3.20 max.
Material Type	Polyester	Dying Type Shock	Un-Dyed
End Use	For Energy Absorber		



Polyester Harness Webbing 44mm x 1.85 x 2500 kgf

Item Code	NWF-966	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	1.85 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



Polyester Harness Webbing 44 mm x 1.65 x 2500 kgf Black

Item Code	NWF-641	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	1.65 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



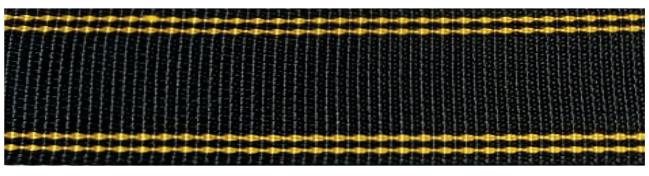
Polyester Harness Webbing 44mm x 1.60 x 2500 kgf

Item Code	NWF-968	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	1.60 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Full Body Harness		



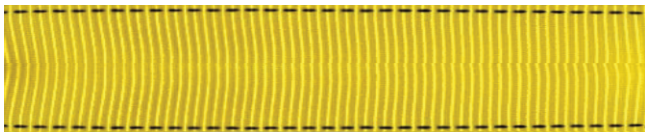
Elastic Harness Webbing Nylon 44 mm x 2.98 x 2000 kgf Black

Item Code	NWF-2119 (BLK)	Width (mm)	44 ± 1
BS (kgf)	2000 min.	Thick (mm)	2.98 ± 1
Material Type	Nylon	Dying Type	Dope Dyed
End Use	For Elasticated Harness		



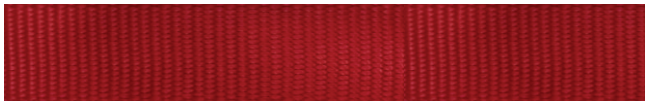
Polyester Harness Webbing 44mm x 2.05 x 2500 kgf

Item Code	NWF-966 (DD)	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	2.05 ± 0.10
Material Type	Polyester	Dying Type	Dope Dyed
End Use	For Full Body Harness		



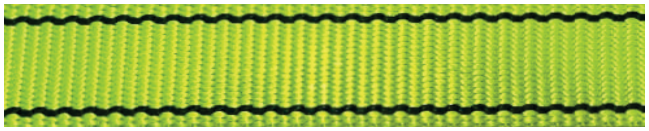
Polyester Tubular Webbing 44mm x 1.80 x 2500 kgf

Item Code	NWF-937	Width (mm)	44 ± 1
BS (kgf)	2500 min.	Thick (mm)	1.80 ± 0.10.
Material Type	Polyester	Dying Type	Un-Dyed
End Use	For Internal Shock Absorber Lanyard		



Polyester Lanyard Webbing 30mm x 2.65 x 2500 kgf

Item Code	NWF-938 (RED)	Width (mm)	30 ± 1
BS (kgf)	2500 min.	Thick (mm)	2.65 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Webbing Lanyard		



Polyester Lanyard Webbing 30mm x 2.80 x 2500 kgf

Item Code	NWF-17	Width (mm)	30 ± 1
BS (kgf)	2500 min.	Thick (mm)	2.80 ± 0.10
Material Type	Polyester	Dying Type	Web Dyed
End Use	For Horizontal Lifeline & Lanyard		



Polyester Tubular Sleave 30mm x 1.0 x 700 kgf

Item Code	NWF-827	Width (mm)	30 ± 1
BS (kgf)	700 min.	Thick (mm)	1.0 ± 0.20
Material Type	Polyester	Dying Type	Dope Dyed
End Use	For Energy Abshorber, Lanyard and Harness		



Polyester Twisted Rope 12mm U/D With Black Tracer Line

Item Code	TR-480 (U/D/BLK)	Dia (mm)	12 ± 0.50
BS (kgf)	2200 min.	Thick (mm)	
Material Type	Polyester	Dying Type	U/D/BLK
End Use	For Twisted Rope Lanyard		



Polyester Twisted Rope 14mm U/D With Green Tracer Line

Item Code	TR-481 (U/D/GRN)	Dia (mm)	14 ±0.5
BS (kgf)	2500 min.	Thick (mm)	
Material Type	Polyester	Dying Type	U/D/GREEN
End Use	For Guided Type Fall Arrester		



Polyester Twisted Rope 16mm U/D With Blue Tracer Line

Item Code	TR-482 (U/D/BLU)	Dia (mm)	16 ± 0.5
BS (kgf)	2700 min.	Thick (mm)	
Material Type	Polyester	Dying Type	U/D/BLUE
End Use	For Anchorage Rope		



Polyester Twisted Rope 18mm U/D

Item Code	TR-486 (U/D)	Dia (mm)	18 ± 0.5
BS (kgf)	3200 min.	Thick (mm)	
Material Type	Polyester	Dying Type	U/D
End Use	For Anchorage Rope		



Nylon Braided Rope 11mm U/D With F.Lime./Blk Tracer Line

Item Code	BC-299	Dia (mm)	11 ± 0.5
BS (kgf)	2200 min.	Thick (mm)	
Material Type	Nylon	Dying Type	U/D/BLK/F.LIME
End Use	For Anchorage Rope		



Nylon Braided Rope 11mm U/D With Black Tracer Line

Item Code	BC-289	Dia (mm)	11 ± 0.5
BS (kgf)	2200 min.	Thick (mm)	
Material Type	Nylon	Dying Type	U/D/BLK
End Use	For Braided Rope Lanyard		



Polyeset Braided Rope 12mm U/D With Black Tracer Line

Item Code	BC-381	Dia (mm)	12 ± 0.5
BS (kgf)	2200 min.	Thick (mm)	
Material Type	Polyester	Dying Type	U/D/BLK
End Use	For Guided Type Fall Arrester		



Polyester Braided Rope 10.5mm U/D With Yellow / Blue Tracer Line

Item Code	BC-389	Dia (mm)	10.5 ± 0.50
BS (kgf)	2200 min.	Thick (mm)	
Material Type	Polyester	Dying Type	DOP DYED
End Use	For Braided Rope Lanyard		



Nylon Braided Rope 12mm U/D

Item Code	BC-300	Dia (mm)	12± 0.5
BS (kgf)	2200 min.	Thick (mm)	
Material Type	Nylon	Dying Type	U/D
End Use	For Guided Type Fall Arrester		

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