

MSA V-SHOCK® 1.8m Mini PFL

Webbing Personal Fall Limiters (PFLs) for industrial maintenance



The **V-SHOCK 1.8m Mini PFL** range are intended to form a complete connecting element between the body support element and the anchor.

The **V-SHOCK 1.8m Mini PFL** automatically extends and retracts, allowing the User to move freely around the working area, and includes a self-locking function allowing the User to be arrested quickly and safely in the case of a fall.

The **V-SHOCK 1.8m Mini PFL** is intended to be used where User mobility is required and fall protection is needed (inspection work, general construction & maintenance work etc.). In certain circumstances (i.e. where the working area has been designed such that the length of the PFL will not extend beyond the edges), PFL's can also be used for fall restraint applications.



Key Features

- The internal energy absorber ensures the forces passed to the User and anchorage are below 6 kN.
- Manufacture of all internal components from materials with inherently high corrosion resistant properties.
- The toughened case is designed to resist impact damage and protect internal components.
- All V-SHOCK PFLs are individually serial number marked to ensure full traceability.

Quality Control

- 100 % gauge inspection of critical components
- 100 % visual inspection
- 100 % function and lock tested
- 100 % radial energy absorber performance
- X-ray inspection of all cast components
- Batch conformance testing for dynamic performance
- Batch conformance testing for static strength

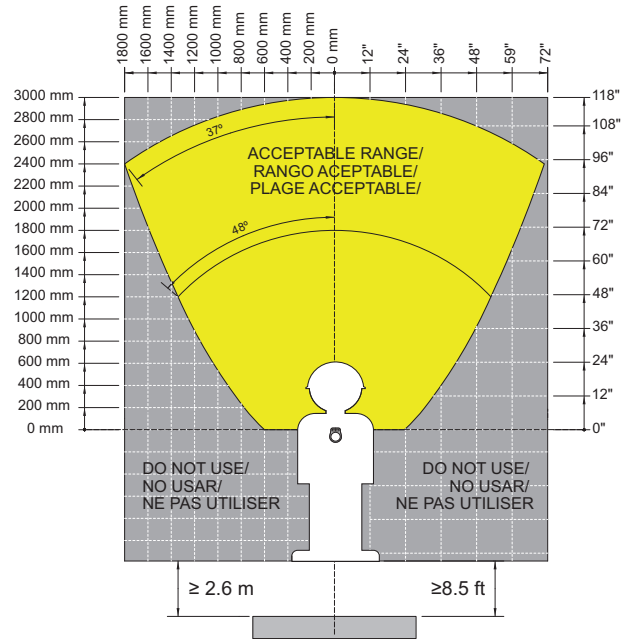
MSA V-SHOCK® 1.8m Mini PFL

Webbing Personal Fall Limiters (PFLs) for industrial maintenance



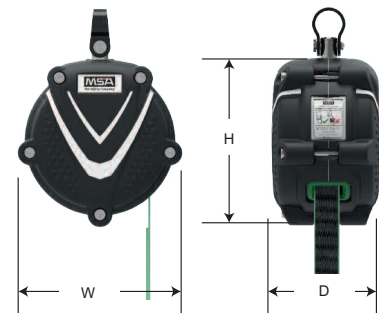
General information

- For use within the acceptable range of anchor locations as defined beside – do not use over an edge.
- For single user only within the weight range 60 - 141 kg (including tools).
- The V-SHOCK 1.8m Mini PFL shall be protected from sharp edges, abrasive surfaces, fire, acids, caustic solutions, or temperatures outside the range -40 °C to 54 °C
- The lanyard shall not contact hot surfaces (such as hot pipes); become entangled with moving machinery; or contact electrical hazards (such as power lines).
- Unsuitable for use on unstable surfaces, fine grain materials or particulate surfaces such as sand or coal.
- Additional lanyard connectors shall not be connected, as this would serve to lengthen the lifeline and increase freefall.



V-SHOCK 1.8m Mini PFL Product Specifications

| Material | |
|--------------------------------------|--|
| Case | Impact modified Nylon / TPE |
| Chassis | Stainless steel |
| Pawls | Hardened stainless steel |
| Locking mechanism | Stainless steel with manganese bronze core |
| Lanyard | Webbing: HMPE (High molecular weight polyethylene) and polyester |
| Drum | Webbing: PC-ABS (polycarbonate / ABS blend) with Manganese bronze core |
| Technical Specifications | |
| Length | 1.8m |
| Size | 155 x 110 x 75 mm (HxWxD) |
| Net weight | 780 g |
| Performance | |
| Static strength | 15 kN |
| Typical lock-on distance | 700 mm |
| Approvals | |
| EN 360: 2002 ISO 9001 & ISO 14001 | |



MSA V-SHOCK[®] 1.8m Mini PFL

Webbing Personal Fall Limiters (PFLs) for industrial maintenance



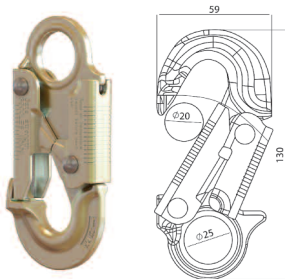
V-SHOCK TwinLink Product Specifications

| Material | |
|-----------|--------------------------|
| Clip | Polycarbonate |
| Carabiner | Steel – triple lock gate |



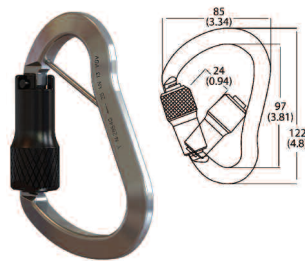
Available Connectors

The V-SHOCK Mini PFL is supplied with a choice of steel or aluminium top carabiner and has a range of connectors available.



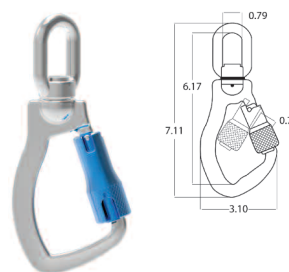
Forged Steel Snaphook

- High-tensile steel material
- Zinc-plated finish
- EN, ANSI and CSA compliant



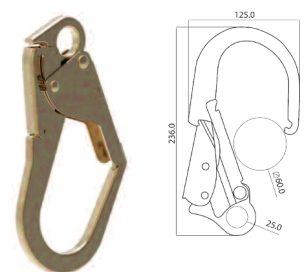
Carabiner/Hook

- Triple-locking gate
- Aluminium alloy
- EN, ANSI and CSA compliant



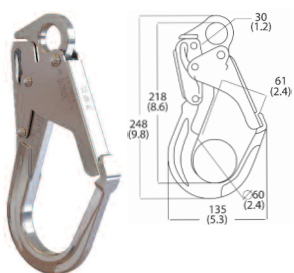
Swivel Carabiner/Hook

- Triple-locking gate
- Aluminium alloy
- EN, ANSI and CSA compliant



Steel Scaffold Hook

- High-tensile steel material
- Zinc-plated finish
- EN, ANSI and CSA compliant



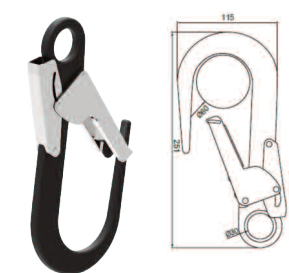
Aluminium Scaffold Hook

- Aluminium alloy
- EN, ANSI and CSA compliant



Aluminium Snaphook

- Lightweight
- EN compliant



Aluminium hook

- Aluminium alloy
- Black anodized
- Lightweight

MSA V-SHOCK® 1.8m Mini PFL

Webbing Personal Fall Limiters (PFLs) for industrial maintenance



Ordering Information

| Product | Part No. | Anchorage connection | Harness connection |
|---|-------------|--|---------------------------|
| V-SHOCK 1.8m Mini PFL, webbing, Single-Leg | 64011-00AEU | Aluminium scaffold hook, | Steel carabiner (top) |
| | 64011-00BEU | Steel snaphook | Steel carabiner (top) |
| | 64011-00CEU | Aluminum swivel carabiner, | Steel carabiner (top) |
| | 64011-00FEU | Steel scaffold hook | Steel carabiner (top) |
| | 64011-00SEU | Aluminium rebar lightweight hook (LWT) | Steel carabiner (top) |
| | 64011-00TEU | Aluminium rebar lightweight hook (LWT) | Aluminium carabiner (top) |
| | 64011-00VEU | Aluminium snap hook | Aluminium carabiner (top) |
| Product | Part No. | Anchorage connection | Harness connection |
| V-SHOCK 1.8m Mini PFL, webbing, Twin-Leg | 64111-00AEU | Aluminium scaffold hook | TwinLink connector |
| | 64111-00BEU | Steel snaphook | TwinLink connector |
| | 64111-00CEU | Aluminum swivel carabiner | TwinLink connector |
| | 64111-00FEU | Steel scaffold hook | TwinLink connector |
| | 64111-00REU | Aluminium snap hook | TwinLink connector |
| | 64111-00SEU | Aluminium rebar lightweight hook (LWT) | TwinLink connector |
| Product | Part No. | Description | |
| Twin-Link | 64900-00 | V-SHOCK Twin-Link | |



64011-00AEU



64011-00BEU



64011-00CEU



64011-00FEU



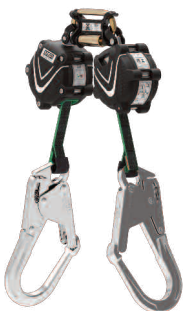
64011-00SEU



64011-00TEU



64011-00VEU



64111-00AEU



64111-00BEU



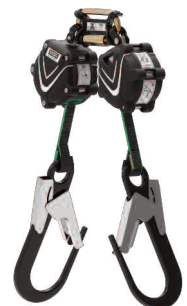
64111-00CEU



64111-00FEU



64111-00REU



64111-00SEU