Quality and safety are the foundations of our height safety philosophy. All our products are manufactured to the highest standards and are rigorously tested to ensure we offer the safest and most advanced designs in fall protection equipment. All equipment comes complete with test certification. Testing and inspection of height safety equipment is available.
Harnesses

The Job of a Harness

The harness joins the rope or lanyard to the worker. It gives comfort and security. Whilst working, a good harness needs to be unobtrusive and adaptive to the shape of the worker. In the event of a fall it redistributes the impact force to the workers body in the best way possible. The harness gives support but is not an energy absorber. When the risk of a fall is present, it is thus necessary to use an energy absorber of the Absorbeca type, or a rope with an energy absorption system.

Petzl manufactures a full range of work positioning and fall arrest harnesses to address the needs of any work-at-height situation.

Improved Comfort and Ergonomics

Padded shoulder straps and a more supportive waist belt, dorsal attachment point adjustment, restraint lanyard attachment point, gear loops and Caritool-compatible slots

Multi-Purpose and Rope Access Harnesses

Multi-purpose harnesses can be used for most work-at-height situations.
- sternal and dorsal attachment points can be used to connect a fall-arrest system and help insure that the user is suspended in the correct position after a fall,
- one ventral and two lateral attachment points for multiple hands-free work positioning configurations.

Rope Access Harnesses with Integrated Croll

These harnesses offer an integrated solution for ascending ropes. The shoulder strap adjustment buckle also serves to tension the Croll.

Each line consists of:
- a full body harness,
- a sit harness and chest harness

The combination of a separate sit harness and chest harness creates a lightweight, modular system. The chest harness doesn’t have a dorsal attachment point, so it won’t interfere when wearing a back pack or carrying other loads.

Product Features - Chest Harnesses

Foam-Padded Shoulder Straps
The padded shoulder straps offer improved comfort and curve around the neck to reduce friction points. The harness is also easier to put on.

Integrated CROLL
Rope access harnesses feature an integrated CROLL ventral rope clamp. The shoulder strap adjustment buckle also serves to tension the CROLL.

Dorsal Attachment Point Adjustment
The height of the dorsal attachment point can be easily and quickly adjusted with the single DoubleBack buckle.

Anti-Rotational Connector
A bar on the shoulder straps/waist belt connector helps prevent it from being rotated.

Product Features - Waist Belts

Improved Waist Belt Support
Thermo-molded waist belt support at lumbar region for excellent comfort when suspended.

Gear Loops
Three gear loops: one on each side and one at the rear. Thin, rigid gear loops facilitate attaching carabiners.

Rear Buckle with Restraint Lanyard Attachment Point
The rear buckle connects TOP chest harness to SIT harness. Weight carried on the waist belt is transferred to the shoulder straps. A restraint lanyard can be clipped to the buckle.

Slots for Tool Carriers
Waist belt equipped with numerous slots for tool carriers. CARITOOL tool holders can be attached to the harness as desired.
Full Body Harnesses

Navaho Bod C71000
Work positioning and fall arrest multi-purpose harness
• Excellent balance between comfort when hanging and freedom of movement.
• Sternal and dorsal attachment points can be used to connect a fall-arrest system and help ensure that the user is suspended in the correct position after a fall.
• One ventral and two lateral attachment points for multiple hands-free work positioning configurations.
• Leg loops equipped with DoubleBack buckles.

Navaho Bod Fast C710F0
Version of the Navaho Bod harness with FAST buckles on leg loops
• FAST buckles open and close easily and quickly: the harness can be donned without having to readjust all the buckles.
• Also available in black.

Navaho Boss C90
Work positioning and fall arrest harness for prolonged suspension
• Wide, semi-rigid waist belt and rigid platform under thighs for maximum comfort.
• Adjustable seat angle.
• Two offset rings:
  - to redistribute the load between the waist belt and the leg loops,
  - addition of TWISTER lanyard gives harness a mobile ventral attachment point.
• Sternal fall arrest attachment point is kept behind the shoulder, staying out of the user’s way.
• CROLL rope clamp can be attached for rope climbing.
• Two cord gear loops, 4 plastic rings and 2 tubular webbing gear loops for heavy equipment.

Newton C73
Basic modular fall arrest harness
• Work positioning on inclined surfaces is possible with the PAD waist belt.
• Descent in an upright position is possible with the LIFT spreader.
• Putting the harness on is easier with the addition of the JAK vest.

Newton Fast C73F
Basic modular fall arrest harness with FAST buckles
• Version of the NEWTON with FAST buckles on the leg loops.

<table>
<thead>
<tr>
<th>Model</th>
<th>Attachment Points</th>
<th>Waist Sizes (cm)</th>
<th>Thigh Sizes (cm)</th>
<th>Height (cm)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C71000 1</td>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>70 - 120</td>
<td>50 - 65</td>
<td>160 - 180</td>
<td>1890</td>
</tr>
<tr>
<td>C71000 2</td>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>80 - 140</td>
<td>60 - 75</td>
<td>175 - 200</td>
<td>2000</td>
</tr>
<tr>
<td>C710F0 1</td>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>70 - 120</td>
<td>50 - 65</td>
<td>160 - 180</td>
<td>1890</td>
</tr>
<tr>
<td>C710F0 2</td>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>80 - 140</td>
<td>60 - 75</td>
<td>175 - 200</td>
<td>2000</td>
</tr>
<tr>
<td>C73 1</td>
<td>⬤ ⬤</td>
<td>60 - 95</td>
<td>45 - 57</td>
<td></td>
<td>690</td>
</tr>
<tr>
<td>C73 2</td>
<td>⬤ ⬤</td>
<td>75 - 105</td>
<td>53 - 65</td>
<td></td>
<td>820</td>
</tr>
<tr>
<td>C73F 0</td>
<td>⬤ ⬤</td>
<td>95 - 120</td>
<td>62 - 80</td>
<td></td>
<td>870</td>
</tr>
<tr>
<td>C73F 1</td>
<td>⬤ ⬤</td>
<td>60 - 95</td>
<td>45 - 57</td>
<td></td>
<td>780</td>
</tr>
<tr>
<td>C73F 2</td>
<td>⬤ ⬤</td>
<td>75 - 105</td>
<td>53 - 65</td>
<td></td>
<td>910</td>
</tr>
<tr>
<td>C90 1</td>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>95 - 120</td>
<td>62 - 80</td>
<td></td>
<td>930</td>
</tr>
<tr>
<td>C90 2</td>
<td>⬤ ⬤ ⬤ ⬤</td>
<td>75 - 120</td>
<td>50 - 65</td>
<td></td>
<td>2460</td>
</tr>
</tbody>
</table>
**Navaho Sit C79000**

*Work positioning sit harness*
- One ventral and two lateral attachment points for multiple hands-free work positioning configurations.
- Lightweight elastic connection between waist belt and leg loops.
- Add a chest harness to use with a fall arrest system.

**Navaho Miniboss C91**

*Work positioning sit harness for prolonged suspension*
- Maximum comfort: wide, semi-rigid waist belt and rigid seat under the thighs.
- Adjustable seat angle.
- Two offset rings:
  - to redistribute the load between the waist and the leg loops,
  - makes a mobile ventral attachment point when used in conjunction with the TWISTER lanyard.
- Two cord gear loops, 4 plastic rings and 2 tubular webbing gear loops for heavy equipment.

### Attachment Points  Waist Sizes  Thigh Sizes  Weight

<table>
<thead>
<tr>
<th>Model</th>
<th>Ventral</th>
<th>Lateral</th>
<th>Waist Sizes (cm)</th>
<th>Thigh Sizes (cm)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C79000 1</td>
<td>●</td>
<td>●</td>
<td>70 - 120</td>
<td>50 - 65</td>
<td>1190</td>
</tr>
<tr>
<td>C79000 2</td>
<td>●</td>
<td>●</td>
<td>80 - 140</td>
<td>60 - 75</td>
<td>1300</td>
</tr>
<tr>
<td>C790F0 0</td>
<td>●</td>
<td>●</td>
<td>60 - 100</td>
<td>45 - 75</td>
<td>1190</td>
</tr>
<tr>
<td>C790F0 1</td>
<td>●</td>
<td>●</td>
<td>70 - 120</td>
<td>50 - 65</td>
<td>1190</td>
</tr>
<tr>
<td>C790F0 2</td>
<td>●</td>
<td>●</td>
<td>80 - 140</td>
<td>60 - 75</td>
<td>1300</td>
</tr>
<tr>
<td>C91 1</td>
<td>●</td>
<td>●</td>
<td>75 - 120</td>
<td>50 - 65</td>
<td>2040</td>
</tr>
<tr>
<td>C91 2</td>
<td>●</td>
<td>●</td>
<td>90 - 140</td>
<td>60 - 75</td>
<td>2230</td>
</tr>
<tr>
<td>C38 1</td>
<td>●</td>
<td>●</td>
<td>70 - 100</td>
<td>50 - 65</td>
<td>740</td>
</tr>
<tr>
<td>C38 2</td>
<td>●</td>
<td>●</td>
<td>80 - 120</td>
<td>60 - 75</td>
<td>800</td>
</tr>
</tbody>
</table>

**Navaho Falcon C38**

*Work positioning sit harness for light harness*
- Made of polyester for increased resistance to abrasion and acids.
- One ventral attachment point.

**Chester C64**

*Chest harness to convert a sit harness into a fall arrest harness*
- One sternal attachment point.
- Four adjustment points: attachment point height, shoulder straps and chest circumference. 600 g

**Top C81000**

**Top Croll C81C00**

*Chest harnesses transform sit harness into a fall arrest (Top) or rope access harness (Top Croll)*
- One sternal attachment point.
- The chest harness doesn’t have a dorsal attachment point, so it won’t interfere when wearing a backpack or carrying other loads.
- Connects to rear buckle of Navaho Sit. Weight carried on the waist belt is transferred to the shoulder straps.
- Integrated Croll ventral rope clamp for ascending ropes (Top Croll only).

**Bermude C80**

*Rescue triangle with shoulder straps*
- A rated rescue triangle for recovery systems without a harness.
- Clinches up for children’s sizing

**Nest S61**

*Litter for confined space rescue*
- Victim can be transported horizontally, vertically or at an angle.
- Litter has a full body harness in it to secure the victim.
- Flexible bottom helps insure good sliding.
- Foam padding provides comfort for the victim.
- Rigid stays can be removed to reduce bulk when accessing accident site.

**Podium S70**

*Seat for prolonged suspension*
- Wide seat for stability and leg mobility.
- Stiff sides prevent the suspension straps from squeezing the thighs.
- Suspension straps adjusted with DoubleBack buckles.
- 3 gear loops.
- When not in use, it can be carried behind the back.
  For use with the Navaho Vario and Falcon. 1170 g

**Footpro C49**

*Adjustable webbing foot loop*
- Used with a rope clamp for ascending a rope.
- Easy length adjustment with the DoubleBack buckle.
- Under foot strap is abrasion resistant and allows for easy step-in.
Helmets

Helmets should protect the wearer’s head from impacts and falling objects, while not interfering with work. Petzl’s helmets for work-at-height (Vertex Best and Vertex Vent) feature a reinforced chinstrap, to help reduce the risk of the helmet coming off in the event of a fall. Well suited for professional use, these helmets are durable and provide attachment points compatible with popular face shields and hearing protection.

The choice between the non-ventilated or ventilated models depends on the risks encountered at the work site (working around electricity, molten metal splash, etc.)

Adjustable Headband

The adjustment wheel of the Vertex is quick and easy to use, even while wearing the helmet. The height of the headband can be easily adjusted by sliding the rear section along the nape straps. The headband retracts into the shell to protect it from damage when the helmet is not being worn. (Vertex Best and Vertex Vent)

Differences:

<table>
<thead>
<tr>
<th>Vertex Best</th>
<th>Vertex Vent</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Protection from electrical risks, but without ventilation</td>
<td>• Provides ventilation but not guaranteed to protect against electrical risks</td>
</tr>
</tbody>
</table>

Comfort

Webbing cradle and foam-padded headband for maximum comfort. For smaller heads, a thicker foam headband is available as an accessory.

Modularity

All Vertex models are equipped with four clips for attaching a headlamp. The slots on the side are compatible with most popular face shields and/or hearing protection. The shell of the helmet contours over the ears to assure a good fit for hearing protection.

Differences:

<table>
<thead>
<tr>
<th>Vertex Best</th>
<th>Vertex Vent</th>
<th>Vertex ST</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Reduces the risk of the helmet coming off in case of a fall (the buckle has a breaking strength greater than 50 daN)</td>
<td>• Reduces the risk of the helmet coming off in case of a fall (the buckle has a breaking strength greater than 50 daN)</td>
<td>• The helmet will come off in case it gets caught (the buckle opens at 25 daN)</td>
</tr>
</tbody>
</table>

Work at Height

Industrial Applications

Product Marking and Tracking

Since 1992, all Petzl personal protective equipment (PPE) items have been marked with a tracking number. This number consists of 5 digits and a letter. The first 2 digits indicate the year the product was manufactured, the following 3 digits indicate the production date (from 1 to 366) and the letter represents the person who performed the final inspection. Textile products, helmets and most metallic items also have an additional individual identifier. The system makes it easier to track PPE effectively.
Lanyards
Restraint and Work Positioning

Restraint and work positioning lanyards are used with a work positioning harness. They are designed to limit movement or for hands free work while in position. There are adjustable and nonadjustable lanyards.

Durability
- The plastic sheaths on the terminations hold the connector in place and protect the lanyard ends from abrasion.
- The nylon rope used (semi-static or dynamic) is abrasion and wear resistant.
- The sewn terminations have a clean finish.

Grillon L52
Compact adjustable lanyard
- Mechanical adjustment system with pivoting cam.
- Sliding protective sheath: protects the contact points of the rope from abrasion.
- Connect on a harness’ lateral or ventral attachment points.
- Available in 5 lengths: 2, 3, 5, 10 and 20 metres.
- The 5, 10 and 20m versions can used as a temporary lifeline, and have a handle to help release a rope under tension.

Lanyards
Energy Absorbers

Energy absorbing lanyards are part of a fall arrest system. Energy absorbing lanyards should be used only after checking that there is adequate clearance under the user.
- The energy generated by the fall is absorbed by the tearing of the special stitching.
- The absorber is protected from abrasion and protrusions by a zippered pouch.

Absorbeca L57
Sewn webbing energy absorber
- Often used in combination with a lanyard to build an energy absorbing lanyard with a maximum length of 2 metres.
- Terminations equipped with STRING.
- Compact and lightweight.

Absorbica-Y L59
Energy absorber with integrated Y-shaped lanyard
- Designed for protection on a rope or cable lifeline or on bars, requiring the passage of intermediate anchor points.
- The two arms allow the user to remain connected to an anchor when passing intermediate anchor points.
- Terminations equipped with STRING.

Absorbica-Y-MGO L59 MGO
Absorbica Y with two MGO connectors
- Designed for belaying on a rope or cable lifeline or on large diameter bars.
- Automatic locking MGO connector has large opening and permanently stays in place on the termination of the lanyard.

Horizontal safety lines and retractable lanyards also available
Descenders

Self-braking descenders allow comfort and safety when descending and moving on fixed ropes:
- self-braking system: provides braking force when the handle is not actuated,
- regulating the speed of the descent is done with the hand on the free end of the rope (the rope is released with the handle).
- they allow for ascending the rope for short distances, when used in conjunction with a foot loop and a handled rope clamp.

For use on single ropes.

I’D D20S & D20L
Self-braking descender belay device with anti panic function
- Anti-error safety catch to reduce the risk of an accident due to incorrect installation of the device on the rope.
- Anti-panic function: if the user pulls too hard on the handle, the cam will lock on the rope.
- Locking position on the handle for positioning while on the rope.
- When used for hauling, allows the system to be reversible.
- Available in 2 versions:
  - D20 S for work on ropes.
    With a safety clip on the swinging side plate: reduces the risk of dropping the device, practical for quick installation of the rope, efficient means for passing intermediate anchors.
    For ropes between 10 and 11,5 mm in diameter.
  - D20 L for rescue.

For ropes between 11,5 and 13 mm in diameter.

Grigri D14
Self-braking descender/belay device
- To belay using rock climbing techniques:
  - paying out rope is done using both hands,
  - arresting a fall is done by holding the free end of the rope.
- When used for hauling, allows the system to be reversible.
- For ropes between 10 and 11 mm in diameter.

Stop D09
Self-braking descender
- Swinging side plate with safety clip:
  - reduces the risk of dropping the device,
  - practical for quick installation of the rope,
  - efficient means for passing intermediate anchors.
- For ropes between 10 and 11 mm in diameter.

Shunt B03
Mechanical Prusik knot
- A must for long journey where there is a lot of ropelling involved.

Mobile Fall Arrester

ASAP B71
Mobile fall arrester for rope
- For use on a safety rope.
- Stops a fall, slide or uncontrolled descent.
- Locks even if the device is grabbed during a fall.
- Works on vertical or angled rope.
- Moves along the rope without manual intervention (downwards and upwards).
- Easy to install and remove at any point on the rope.

For 10.5 to 13 mm semi-static ropes (EN 1891 type A) certified with the device. Comes with the OK TRIACT automatic locking carabiner.

Rope Clamps

Ascension B17
Handled rope clamp (right and left handed versions)
- Handle with ergonomic grip for comfort and thermal insulation.
- Two holes on the bottom: one to connect a lanyard and one for installing a foot loop with a quick link.
- The upper holes allow a carabiner to be clipped so the rope clamp can be used for self-belaying or with hauling systems.

For single ropes between 8 and 13 mm in diameter.

Basic B18
Rope clamp without handle
- Compact and lightweight rope clamp.
- Multi-purpose: ascending a rope, self-belaying on a fixed rope, as a progress capture device in hauling systems etc.
- Lower hole for connecting a lanyard.
- The upper holes allow a carabiner to be clipped so the rope clamp can be used for self-belaying or with hauling systems.

For single ropes between 8 and 13 mm in diameter.

Croll B16
Chest-mounted rope clamp
- To be used in conjunction with the Ascension rope clamp for ascending a rope.
- Ergonomic spring-loaded catch designed to facilitate installation/removal of rope when the device is in place on chest.
- The attachment hole is oriented so the device lie flat against the chest when clipped in.
- For use with the Secur should straps, which hold the rope clamp in position (see harness accessories).

For single ropes between 8 and 13 mm in diameter.
Pulleys
Self-Jamming

Pro Traxion P51
Highly efficient self-jamming pulley
- Large diameter aluminium sheave mounted on sealed ball bearings for excellent efficiency.
- Lockable moving side plate allows the rope to be installed once the pulley is in place.
- Auxiliary attachment point for different types of pulley systems.

Mini Traxion P07
Lightweight, compact self-jamming pulley
- Ideal for work and rescue kits.
- Can be used to ascend a rope.
- Aluminium sheave mounted on self-lubricating bushing.

Mini P59
Lightweight Prusik pulley
- Aluminium side plates and sheaves: compact.
- Good efficiency from sheave mounted on sealed ball bearings.

Gemini P66
Lightweight double Prusik pulley
- Aluminium side plates and sheaves: compact.
- Good efficiency from sheaves mounted on sealed ball bearings.
- Sheaves mounted in parallel with auxiliary attachment points to build different types of pulley systems.

Minder P60
Highly efficient Prusik pulley
- Large diameter aluminium sheave mounted on sealed ball bearings for excellent efficiency.
- Up to three carabiners can be attached for ease of use.

Twin P65
Highly efficient double Prusik pulley
- Large diameter aluminium sheave mounted on sealed ball bearings for excellent efficiency.
- Sheaves mounted in parallel with auxiliary attachment points to build different types of pulley systems.
- Up to three carabiners can be attached for ease of use.

Pulleys
Single

Oscillante P02
Swing sided pulley for occasional use
- Designed for occasional use when hauling or in a pulley system.
- Good strength-to-weight ratio: nylon sheave and aluminium side plates.
- Swinging side plates.

Fixe P05
Pulley with fixed side plates
- Designed for hauling systems and deviations.
- Fixed side plates allow quick installation and connection to a rope clamp.
- Good efficiency with sheave mounted on self-lubricating bushing.
- Compact, lightweight.

Rescue P50
Swing sided pulley
- Designed heavy loads or intensive use.
- Large diameter sheave mounted on sealed ball bearings for excellent efficiency.
- Up to three carabiners can be attached for ease of use.
- Swinging side plates.

Pulleys
Transport

Tandem P21
Double pulley with aluminium sheaves
- For Tyrolean traverses on rope.
- Aluminium sheaves mounted on self-lubricating bushings for good efficiency.
- Up to three carabiners can be attached for ease of use.

Tandem Cable P21 CAB
Double pulley with stainless steel sheaves
- For Tyrolean traverses on rope or cable.
- Stainless steel sheaves for wear resistance.
- Mounted on self-lubricating bushings for good efficiency.
- Up to three carabiners can be attached for ease of use.

Tandem Speed P21 SPE
Double pulley with stainless steel sheaves mounted on ball bearings
- For slightly inclined Tyrolean traverses on rope or cable.
- Stainless steel sheaves for wear resistance.
- Mounted on sealed ball bearings for excellent efficiency.
- Up to three carabiners can be attached for ease of use.
Anchor Straps

Sewn webbing sling
- Available in various lengths

Rigging Equipment

Swivels P58
- Prevents the rope from twisting when the load is turning.
- Mounted on sealed ball bearings.
- Available in two versions:
  - Swivel S: compact, designed for one-person loads.
  - Swivel L: designed for two-person loads, up to 3 connectors can be attached in the ends.

Anchor Plates P58
- For easy organization of the work area and creating multiple anchor systems.
- Made of aluminium: excellent strength-to-weight ratio.
- 19 mm holes allows the locking sleeves of most carabiners to pass through.
- Breaking strength: 36 kN.

Tripods

Tripod TM8
Working height: 2.14m
Winch: 20m
In accordance with EN795 and EN1496 class B

Fall Arrest Blocks

Standen’s range of fall arrest devices are versatile retracting lifelines providing protection whilst working at height. The lifeline is attached to the back of the user’s harness by a double acting snap hook. The lifeline arrests the fall within 1.5m.

Static and Dynamic Ropes

A wide range of specialist climbing rope is carried in stock. See our staff for more information.

Static Rope
In accordance with DIN EN 1891 with CE marker

Panter Rope
Premium product for top-level climbing made in accordance with DIN EN 892

Accessory Cords
Accessory ropes for mountain climbers made in accordance with DIN EN 564. With CE marker from 4mm.

DM STANDEN LTD
Connectors

**William** M36
Locking carabiner with wide opening
- Large size helps with the organisation of work area.
- Wide opening for clipping thick bars, etc.
- Pear shape allows for belaying with a Munter hitch.
- Available locking systems: SCREW, BALL and TRIACT.

**Kador** M73
Large locking steel carabiner
- Large size for anchor systems with several ropes or cables.
- Wide opening for clipping large objects.
- Pear shape allows for belaying with a Munter hitch.
- TRIACT automatic locking system.

**Am’D** M34
Asymmetrical locking carabiner
- D-shaped for an excellent strength-to-weight ratio.
- Well adapted for attaching devices.
- Available locking systems: SCREW, BALL and TRIACT.

**MG0** MG060
Very large automatic locking directional connector
- Designed for connecting to metallic structures, cable and large diameter bars.
- Ergonomic unlocking handle.

**OK** M33
Symmetrical locking carabiner
- Oval shape helps position devices optimally (pulleys, rope clamps, etc.).
- Ideal for pulley systems.
- Available locking systems: SCREW and TRIACT.

**Attache Screw-Lock** M35 SL
Pear-shaped locking carabiner
- Compact, easy to use.
- Pear shape allows for belaying with a Munter hitch.

**Omni** M37
Locking semi-circle carabiner
- Used to close any harness where two attachment points must be connected.
- Designed for triaxial loading.
- Available locking systems: SCREW and TRIACT.

**Quick Link**
Triangular steel quick link
- High breaking strength for the different axes.
- When closed with a wrench, it becomes a semi-permanent anchor ring.
- Various sizes.

**Quick Link**
Oval steel quick link
- High breaking strength for the different axes.
- When closed with a wrench, it becomes a semi-permanent anchor ring.
- Various sizes.

**Spirit** M55 S
Asymmetrical carabiner
- Non-locking, clips easily.
- Should be used only for progression using climbing techniques.

**Quick Link**
Semi-circle aluminium alloy quick link
- Used to close any harness where two attachment points must be connected.
- High breaking strength for the different axes.
- When closed with a wrench, it becomes a semi-permanent anchor ring.
- Various sizes.
Omega Pacific Connectors

**Style 3 Frames** OP76S3
- 7/16” steel barstock.
- Great-handling carabiner for general use
- Zinc-chromate plated to increase corrosion resistance.
- Captive-eye versions prevent carabiners from flipping or being removed from lanyards and slings
- Available in Screw-Lok, Quik-Lok and 3 Stage Quick Lok.

**Large Hook Frames** OPLHB, OPSHB
- 9/16” steel barstock.
- Designed to fit over ladder rungs, pipes, safety rails and building apparatus
- Side-swing gate mechanism allows greater gate clearance
- Gold Zinc-chromate plating for superior corrosion resistance.

**Jake HMS Style Frames** OPLHB, OPSHB
- Aircraft quality, 7000-series aluminium.
- Unique shape orients gear in the centre so ropes don’t get pinched against the spine.
- Side-swing gate mechanism allows greater gate clearance and easier handling.
- Available in Screw-Lok, Quik-Lok and 3 Stage Quick Lok.
- Anodised for durability.

Harness Accessory

**Caritool** P42
**Tool holder**
- Slides in the slots on the waist belt of the Navaho or on the webbing of almost any harness.
- Tools can be attached and removed with one hand.
- The flat top of holder makes gear easy to sort and organise.
- Hole on holder can be used to attach a keeper cord to prevent tools from being dropped.
- Designed to be stable so it won’t twist or turn on harness.
- 25 g; Maximum load allowed: 5 kg; Warning: this tool holder is not PPE.

Headlamps

A wide range of headlamps to suit your needs are available.

**Tikkina**
2 LED Headlamp

**Tikka**
3 LED Headlamp

**Tikka Plus**
4 LED Headlamp with 3 lighting levels

**Zipka**
Ultra-lightweight 3 LED Headlamp mounted on retractable cord

**Zipka Plus**
Ultra-lightweight 4 LED Headlamp with 3 lighting levels mounted on retractable cord
SW SAFETY NETS

European Standard EN 1263-1 Type A2

Conforms to health and safety requirements for personnel working in high environments and third party protection against falling debris, dust and equipment

- Safety Nets
- Overlay Nets
- Debris Netting
- Net Repair & Testing

Other leading brands of equipment & tools available from DM Standen Ltd

- SRTE
- Bluewater
- MSA
- Spanset
- Troll
- Wenger
- Spyderco
- Pacific
- Leatherman
- Vortex
- Columbia River
- LED Lenser

DM STANDEN LTD