



# Buyers Guide 2014/15



STEEPED IN TRADITION  
COMMITTED TO INNOVATION



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DMM has proudly manufactured climbing hardware in north Wales since 1981. Over that time we have established a reputation for innovation and producing premium quality equipment. The high standards of quality control maintained throughout the process of taking the raw material to finished product, including testing and inspection, are reflected in the fact that each and every day, thousands of people around the globe rely on DMM products to safeguard their lives.



# Introduction

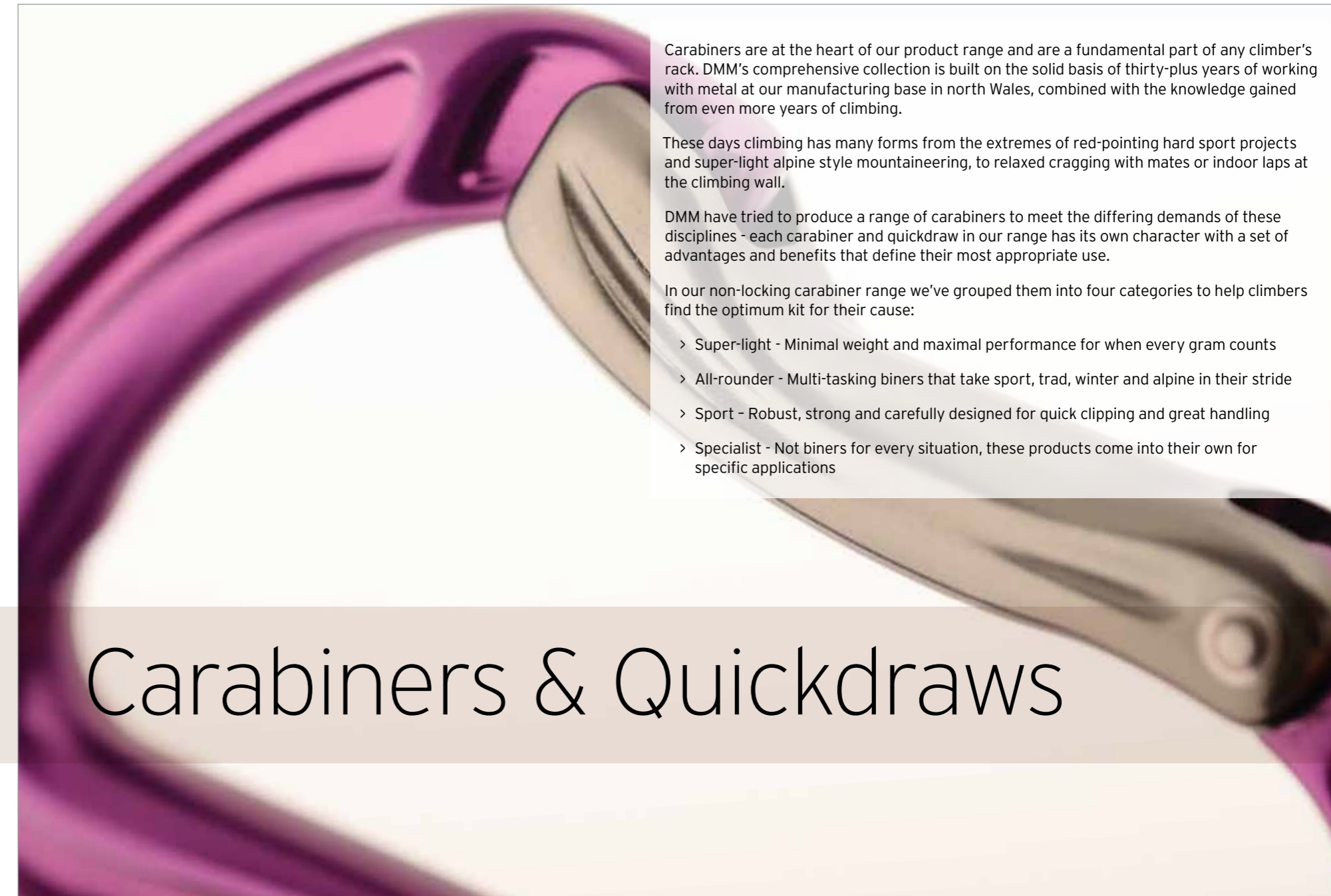
PETE ROBINS' efforts down at The Allotment proved worthwhile with his new Little Orme route, The Runner Bean (8a+).  
 Photograph RAY WOOD





ALEXANDRA SCHWEIKART on the quarried line of Sugerøret (6c+),  
Moseflokken Stenbrud, Bornholm.

Photograph RAY WOOD



Carabiners are at the heart of our product range and are a fundamental part of any climber's rack. DMM's comprehensive collection is built on the solid basis of thirty-plus years of working with metal at our manufacturing base in north Wales, combined with the knowledge gained from even more years of climbing.

These days climbing has many forms from the extremes of red-pointing hard sport projects and super-light alpine style mountaineering, to relaxed cragging with mates or indoor laps at the climbing wall.

DMM have tried to produce a range of carabiners to meet the differing demands of these disciplines - each carabiner and quickdraw in our range has its own character with a set of advantages and benefits that define their most appropriate use.

In our non-locking carabiner range we've grouped them into four categories to help climbers find the optimum kit for their cause:

- > Super-light - Minimal weight and maximal performance for when every gram counts
- > All-rounder - Multi-tasking biners that take sport, trad, winter and alpine in their stride
- > Sport - Robust, strong and carefully designed for quick clipping and great handling
- > Specialist - Not biners for every situation, these products come into their own for specific applications

## Carabiners & Quickdraws



## Carabiners & Quickdraws



Our carabiners are engineered so as to ensure a firm and even gate pressure, reducing the chance of their strength being compromised by an open gate. While the European rating for gate-open strength is 7kN, all our biners are at least 9kN and the Thor gives the security of 11kN.



Biners featuring a greater rope bearing radius are kinder to ropes, reducing wear on them and giving softer impact forces.



A steep top bar on a biner drives any load towards the apex so that they're loaded in their strongest orientation; along their major axis or back-bar. Similarly, a deep rope basket will also help ensure correct loading.



At every stage of carabiner construction sample testing takes place. Following assembly every biner is laser etched with a unique serial number for complete traceability.



A large gate notch runs the risk of snagging on gear or loading the biner in a dangerous orientation if it gets hung-up. To avoid this our biners are either clean nose or have a small notch in the nose.



Dyneema and Nylon are the two materials used for quickdraws. Weight for weight Dyneema is stronger than Nylon so is popular with trad climbers as the tape can be thinner, so more flexible and lighter. It also absorbs less water than Nylon so is a better choice for winter use. For sport climbing where it is common to work routes, wide Nylon tape that is easy to grab hold of is commonly used. Quickdraws come in a variety of lengths as longer draws will reduce rope drag on meandering routes.

## Carabiner & Quickdraw Range

### Super-light



Chimera



Alpha Light



Phantom

### All-rounders



Alpha Trad



Shield



Thor



Spectre 2

### Sport



Alpha Sport



Shadow



Aero



Mamba

### Specialist



Revolver



Oval Straight Gate



Alpha Steel



XSRE



## Quickdraw Packs

TECH SPECS: PAGE 121

Rather than buy single units, the climber benefits from a special price on a pack of 5 of their chosen quickdraws. With pack buying on the increase amongst new climbers, the sets are a great way to merchandise and sell high quality DMM equipment.



### AVAILABLE AS

- > Trad Pack 5:  
1 x 12cm, 3 x 18cm, 1 x 25cm quickdraws
- > Trad Pack 3:  
2 x 18cm, 1 x 25cm quickdraws
- > Sport Pack:  
3 x 12cm, 2 x 18cm quickdraws
- > 5 packs:  
Packs of 5 carabiners as listed in the spec table
- > Colour packs - see right for details

## Colour Packs

TECH SPECS: PAGE 121

In the blind panic when looking for the right size cam at the end of the run out, every little help is welcome. We offer a selection of our wire gates in a colour 5 pack for climbers to customise and identify their racks. They work especially well with our Cams and Torque Nuts, but the colours are also widely used by other manufacturers.



### FEATURES

- > Aids in easy identification of racked gear
- > Allows climbers to customise racks
- > Colour packs of Chimera, Alpha Light, Phantom, Alpha Trad, and Spectre 2 available. See spec tables for details

## Chimera

TECH SPECS: PAGE 121

An evolution of our ever popular Phantom, the Chimera is the ultimate in high performance, light weight, clean-nosed biners. Perfectly suited to trad or alpine adventures where a light rack adds to your chance of success



### FEATURES

- > Designed to for maximum strength with minimum weight
- > Easy, snag-free clipping and unclipping
- > Light at 28g and yet handles beautifully
- > Strong 9kN gate open strength

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
23kN	9kN	28g	22mm

### AVAILABLE AS

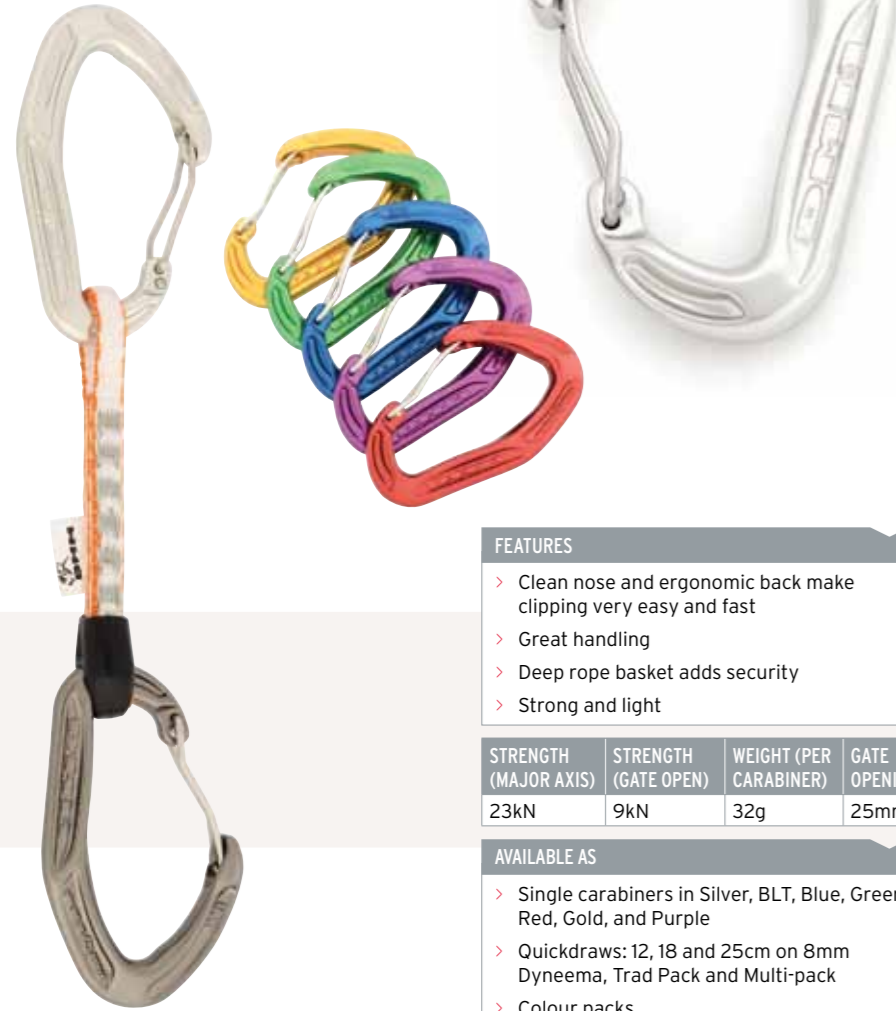
- > Single carabiners in Silver, BLT, Blue, Green, Red, Gold, and Purple
- > Quickdraws: 12, 18 and 25cm on 8mm Dyneema, Trad Pack and Multi-pack
- > Colour packs



## Alpha Light

TECH SPECS: PAGE 121

This ergonomic, clean nose wire gate is the lightest option for those who prefer the handling of the shaped back of the Alpha series. The kinked back provides a large gate opening for assured clipping and the generous internal radii add durability whilst being kind to ropes. A lightweight and fully featured all-rounder that is ideal for all types of trad climbing.



### FEATURES

- > Clean nose and ergonomic back make clipping very easy and fast
- > Great handling
- > Deep rope basket adds security
- > Strong and light

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
23kN	9kN	32g	25mm

### AVAILABLE AS

- > Single carabiners in Silver, BLT, Blue, Green, Red, Gold, and Purple
- > Quickdraws: 12, 18 and 25cm on 8mm Dyneema, Trad Pack and Multi-pack
- > Colour packs

## Phantom

TECH SPECS: PAGE 121

The tried, tested and trusted favourite of the international trad scene. Clean lines, high strength to weight ratio, and simple functionality combine to make this the perfect mid-range featherweight biner.



### FEATURES

- > Featherweight at only 28g
- > A perfect balance between minimising weight whilst maximising functionality and strength
- > Rope groove to locate rope correctly
- > Multi-purpose: Use it for quickdraws, alpine draws, racking cams, freedom leashes, nut keys...

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
23kN	9kN	28g	22mm

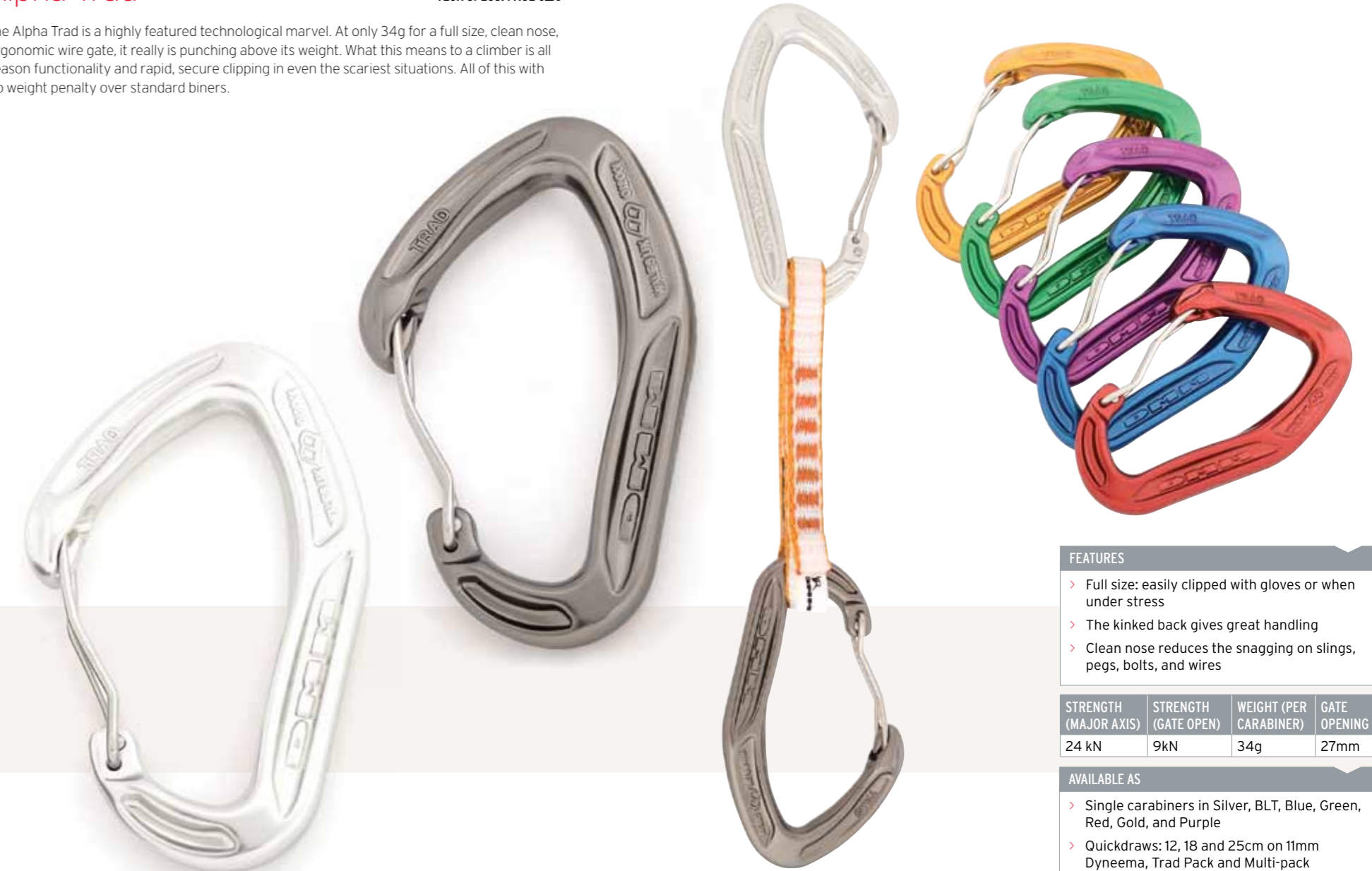
### AVAILABLE AS

- > Single carabiners in Silver, BLT, Blue, Green, Red, Gold, and Purple
- > Quickdraws: 12, 18 and 25cm on 8mm Dyneema, Trad Pack and Multi-pack
- > Colour packs

## Alpha Trad

TECH SPECS: PAGE 121

The Alpha Trad is a highly featured technological marvel. At only 34g for a full size, clean nose, ergonomic wire gate, it really is punching above its weight. What this means to a climber is all season functionality and rapid, secure clipping in even the scariest situations. All of this with no weight penalty over standard biners.



### FEATURES

- > Full size: easily clipped with gloves or when under stress
- > The kinked back gives great handling
- > Clean nose reduces the snagging on slings, pegs, bolts, and wires

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
24 kN	9kN	34g	27mm

### AVAILABLE AS

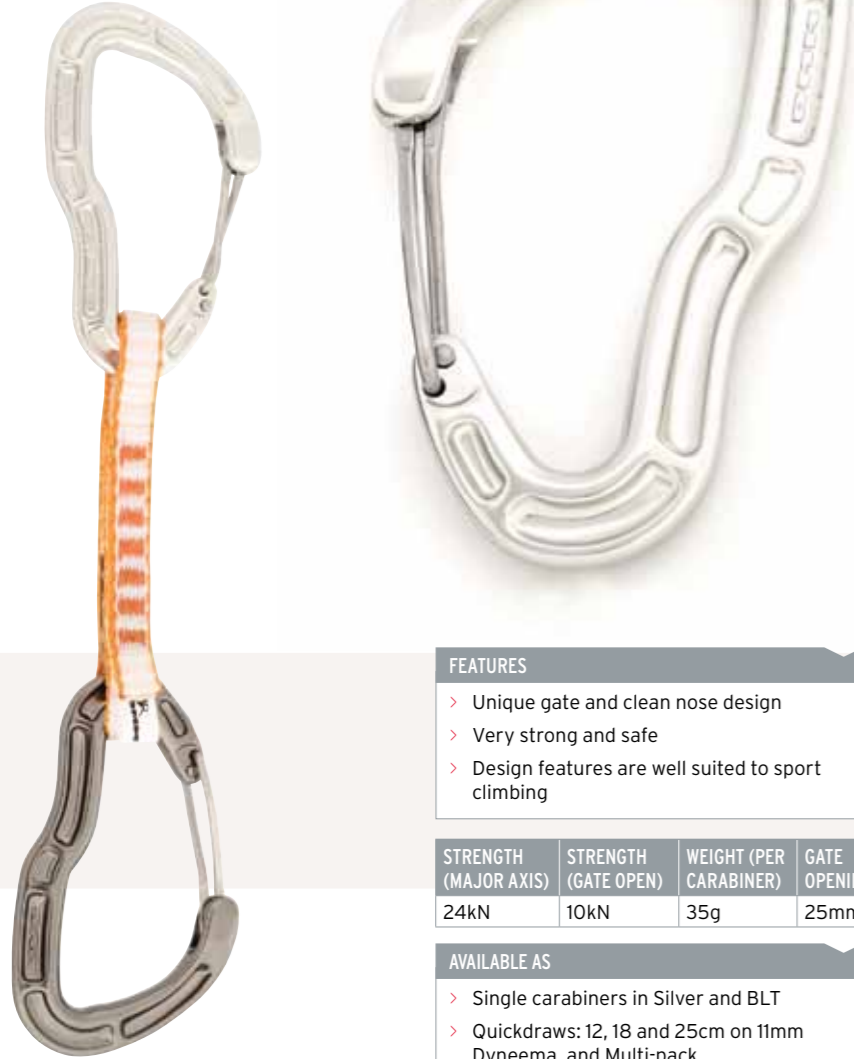
- > Single carabiners in Silver, BLT, Blue, Green, Red, Gold, and Purple
- > Quickdraws: 12, 18 and 25cm on 11mm Dyneema, Trad Pack and Multi-pack
- > Colour packs



## Shield

TECH SPECS: PAGE 121

A high strength wire gate carabiner. Its unique shape resists cross loading, and the clean nose minimises the chances of hanging up on bolts. The gate action has a reassuring firmness and a lovely 'snap' closure. Great for sport climbing.



FEATURES			
<ul style="list-style-type: none"> <li>&gt; Unique gate and clean nose design</li> <li>&gt; Very strong and safe</li> <li>&gt; Design features are well suited to sport climbing</li> </ul>			

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
24kN	10kN	35g	25mm

AVAILABLE AS
<ul style="list-style-type: none"> <li>&gt; Single carabiners in Silver and BLT</li> <li>&gt; Quickdraws: 12, 18 and 25cm on 11mm Dyneema, and Multi-pack</li> </ul>

## Thor

TECH SPECS: PAGE 121

The burly all-rounder that can take anything that you throw at it; bolts, trad, winter and summer. The clever design features reduce rope wear and contribute towards a softer catch. If you want only one biner in your arsenal, this is it.



FEATURES			
<ul style="list-style-type: none"> <li>&gt; 11kN gate open strength for increased safety</li> <li>&gt; Overbuilt body gives extra margins of safety if the carabiner is loaded badly</li> <li>&gt; Large rope bearing radius for decreased rope wear and softer impact forces</li> <li>&gt; The perfect companion for the do-it-all climber</li> </ul>			

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
28kN	11kN	36g	27mm

AVAILABLE AS
<ul style="list-style-type: none"> <li>&gt; Single carabiners in Silver and BLT</li> <li>&gt; Quickdraws: 12, 18 and 25cm on 11mm Dyneema, Trad Pack and Multi-pack</li> </ul>

## Shadow Dyneema

TECH SPECS: PAGE 122

The classic Shadow biners are mounted on 11mm Dyneema to create a perfect quickdraw for climbers looking to get out and cover mileage on rock they won't have to 'work' by pulling on the draws. This could be anything from starting out on sunny single pitches, or going for harder onsights on multi-pitches.



FEATURES			
<ul style="list-style-type: none"> <li>&gt; I-Beamed lightweight sport climbing quickdraw</li> <li>&gt; Clean nose construction for increased security and ease of stripping steep routes</li> <li>&gt; Light enough for trad</li> </ul>			

## Shadow/Thor

TECH SPECS: PAGE 121

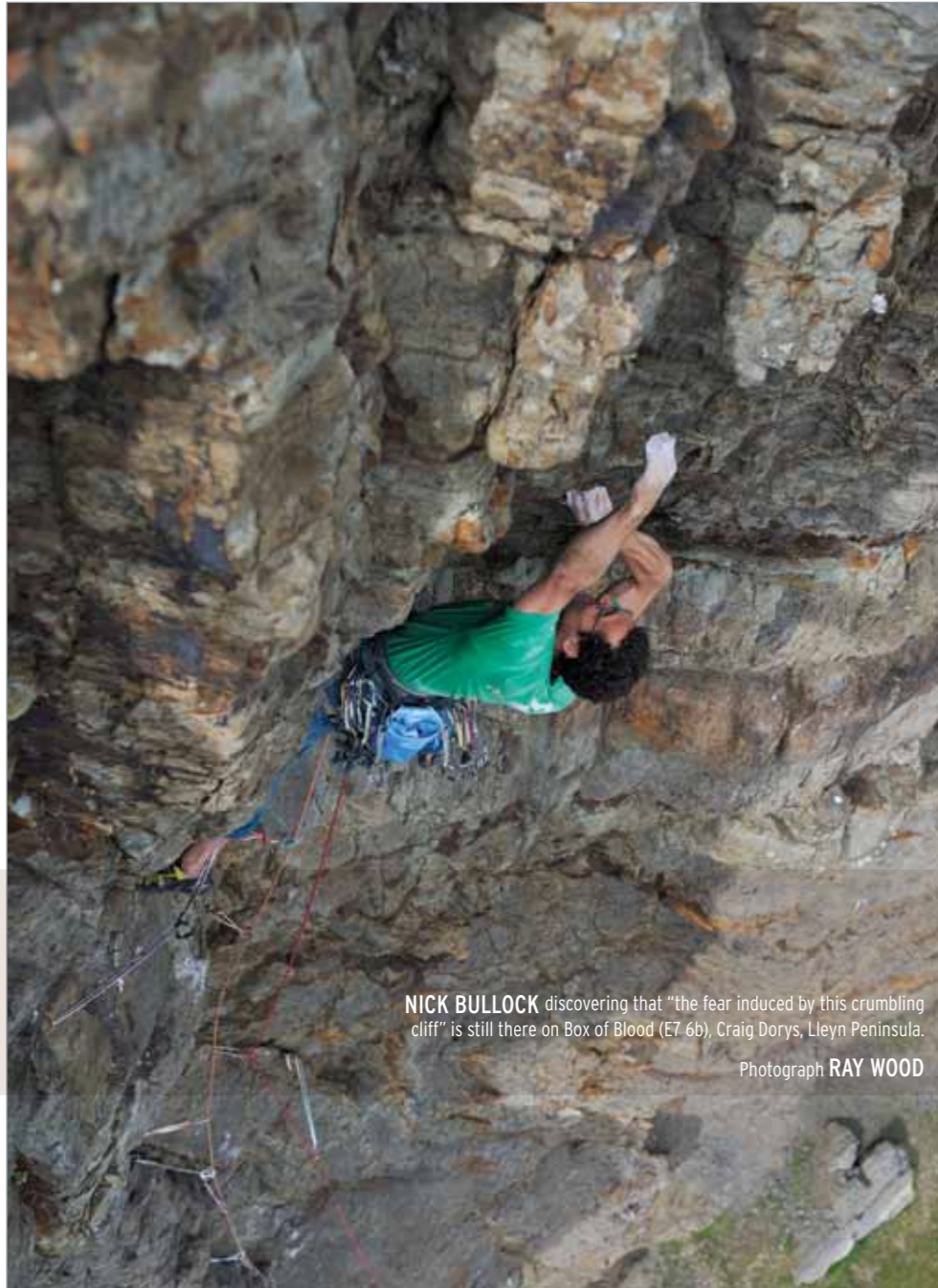
A hybrid quickdraw using the classic Shadow solid gate for the bolt end to increase durability and quicker clipping at a stretch, while the Thor wire gate on the rope end reduces weight and minimises the risk of gate flutter. For the climber who wants to maximise functionality at both ends of the draw whilst minimising the overall weight compared to a full sport draw.



FEATURES			
<ul style="list-style-type: none"> <li>&gt; The best of both worlds</li> <li>&gt; Shadow straight gate for the bolt end</li> <li>&gt; Thor wire gate for the rope end</li> </ul>			

AVAILABLE AS
<ul style="list-style-type: none"> <li>&gt; Quickdraws: 12, 18 and 25cm on 11mm Dyneema, Trad Pack, Multi-packs and 60cm extendable sling Multi-packs</li> </ul>





**NICK BULLOCK** discovering that "the fear induced by this crumbling cliff" is still there on Box of Blood (E7 6b), Craig Dorys, Lleyn Peninsula.

Photograph **RAY WOOD**

## Spectre 2

TECH SPECS: PAGE 122

The combination of impressive specs, beautiful design, and incredible value for money have made the Spectre 2 a champion for those climbers building up their racks. DMM's best selling carabiner.



- FEATURES**
- > 33g for a full size biner
  - > 9kN gate open strength
  - > Shrouded nose for increased security
  - > Deep rope basket and rope groove help ensure perfect loading

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
24kN	9kN	33g	25mm

- AVAILABLE AS**
- > Single carabiners in Silver, BLT, Blue, Green, Red, Gold and Purple
  - > Quickdraws: 12, 18 and 25cm on 11mm Dyneema, Trad Pack and Multi-pack
  - > Colour packs

## Alpha Sport

TECH SPECS: PAGE 122

Light enough for onsighting, sturdy enough for a prolonged siege; the Alpha Sport is the perfect quickdraw to ensure that a fumble clip isn't the cause for another redpoint attempt.



- FEATURES**
- > Ergonomic design and clean nose for quick, easy and safe clipping and stripping
  - > Supplied on easy to grab Vari-width logo webbing for working routes
  - > 'Solid' rope bearing areas for increased durability

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
<b>Alpha Pro</b>			
24kN	9kN	44g	22mm
<b>Alpha Clip</b>			
24kN	9kN	45g	25mm

- AVAILABLE AS**
- > Single Alpha Pro (straight gate) or Alpha Clip (bent gate) carabiners
  - > Quickdraws: 12, 18 and 25cm on Vari-width Nylon, Sport Pack and Multi-pack
  - > BLT/Lime and BLT/Red colour options



## Shadow

TECH SPECS: PAGE 122

For the climber looking for fully featured sport quickdraws for the 40 metre onsite, the Shadow fits the bill. A full sized, highly featured sport draw that weighs in at under 100g. Also suited for those who love climbing on bolts but dabble in trad now and then.



### FEATURES

- > I-Beam lightweight but strong sport climbing quickdraw
- > Strong 10kN gate open strength
- > Clean nose for increased security and ease of stripping steep routes
- > The straight gate is also the perfect wire racking biner

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
Shadow Straight			
24kN	9kN	43g	20mm
Shadow Bent			
24kN	9kN	43g	24mm

### AVAILABLE AS

- > Single Shadow straight gate or bent gate carabiners
- > Quickdraws: 12, 18 and 25cm on Vari-width Nylon or 11mm Dyneema, Sport Pack and Multi-pack
- > BLT/Lime and BLT/Purple colour options

## Aero

TECH SPECS: PAGE 122-123

Even our entry level biners are Hot Forged and feature the clean nose design that sport climbers crave. With a durable, solid bar construction, this is the biner of choice for those working routes, or for those not counting grams. Ideal as a starter sport draw.



### FEATURES

- > Hot Forged DMM quality
- > Easy clipping
- > Supplied on 16mm Nylon

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
Aero Straight			
24kN	9kN	47g	20mm
Aero Bent			
24kN	9kN	47g	26mm

### AVAILABLE AS

- > Single Aero straight gate or bent gate carabiners
- > Quickdraws: 12, 18 and 25cm on 16mm or Vari-width Nylon, Sport Pack and Multi-pack
- > BLT/Lime and BLT/Green colour options

## Mamba & Double Mamba

TECH SPECS: PAGE 123

The quickdraw that revolutionised the 90's sport climbing scene is still popular amongst those in the know. Team it up with a straight gate Aero or Shadow and you have the winning combination of a clean nose bolt biner, a captive sling, and a classic clipping end.



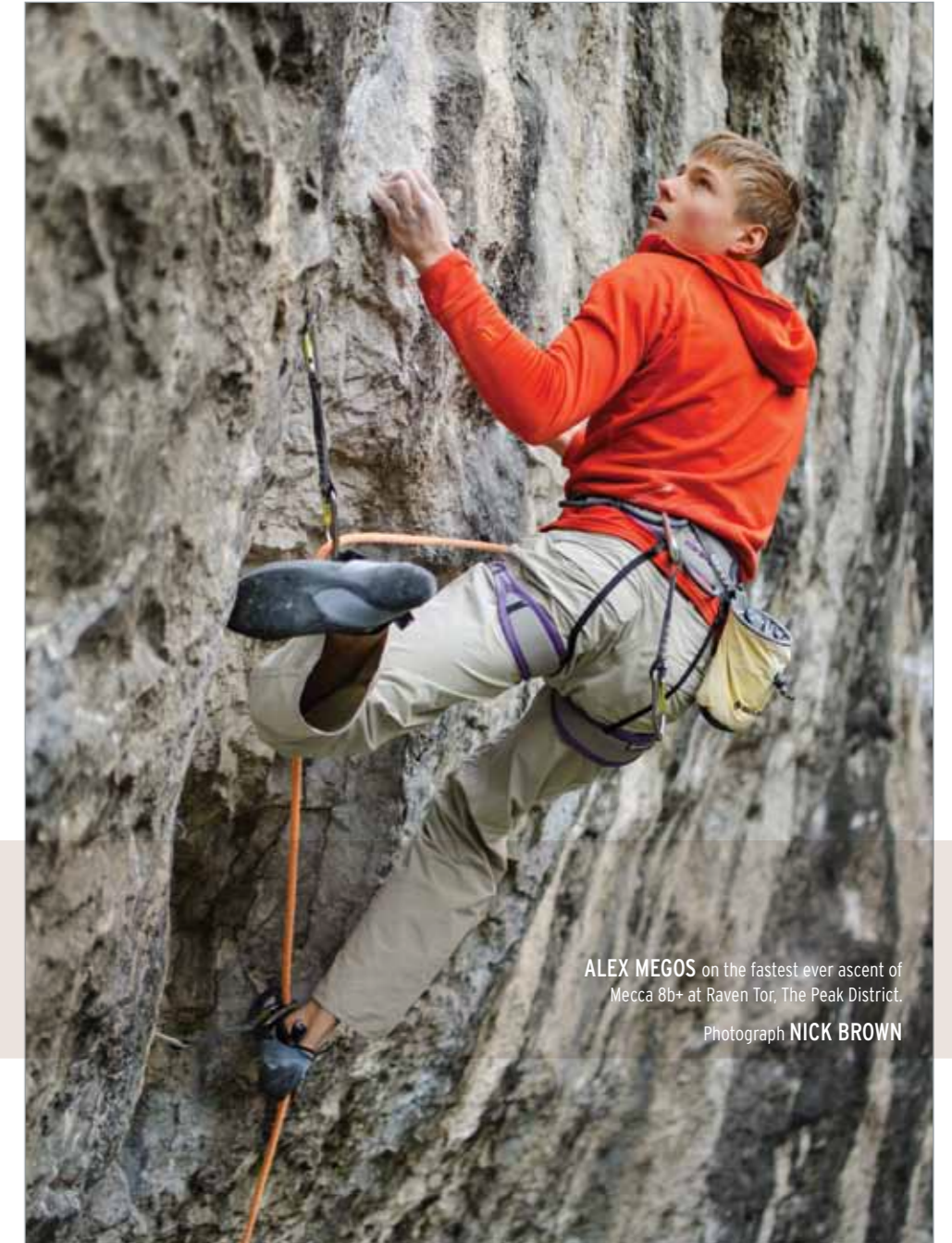
### FEATURES

- > Captive quickdraw sling for zero cross loading
- > Bent gate for fumble-free clips
- > Compatible with any straight gate bolt end biner

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT	GATE OPENING
Single Mamba			
25kN	10kN	62g	26mm
Double Mamba			
25kN	10kN	110g	26mm

### AVAILABLE AS

- > Single Mamba (captive bent gate) or Double Mamba (captive bent and straight gate) 12cm quickdraws on 16mm Nylon



ALEX MEGOS on the fastest ever ascent of Mecca 8b+ at Raven Tor, The Peak District.

Photograph NICK BROWN



## Alpha Steel

TECH SPECS: PAGE 123

The world class Alpha in steel, the premium gym draw for unparalleled clipping and durability. The large Hot Forged rope radius adds lifetime to both the biner and ropes, and softer catches for climbers. The optional easy-fit captive bar allows easy maintenance and inspection.



### FEATURES

- > Use at high wear points- bolts 1 and 2, and changes in direction/angle
- > Increased climbing enjoyment for customers
- > Available as singles, captive, non-captive, and full gym quickdraw sets

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
28kN	18kN	TBC	25mm

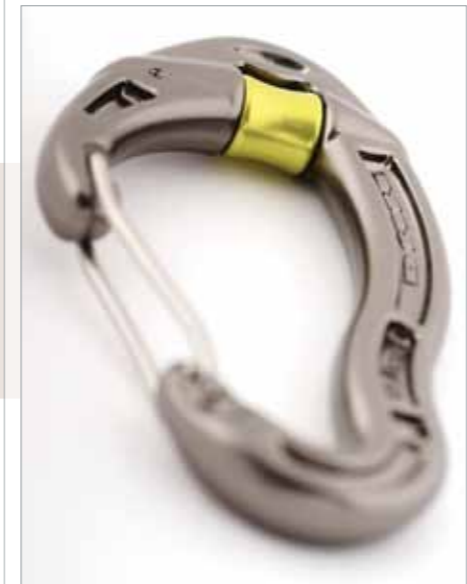
### AVAILABLE AS

- > Single Alpha Steel, with captive bar, or with PPE maillon on 12 or 18cm Vari-width Nylon

## Revolver Wire Gate

TECH SPECS: PAGE 123

The DMM innovation that reduces rope drag. An internal pulley wheel allows the rope to glide through the quickdraw, proving very useful on long pitches, crux bolts and changes in direction. Used as a biner, it makes light work of crevasse rescue, light hauling, and rescue.



### FEATURES

- > Integral pulley functions up to 11kN loading
- > Use on the rope end of key quickdraws to minimise rope drag
- > Useful in many rope work situations

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
24kN	9kN	51g	24mm

## Oval Straight Gate

TECH SPECS: PAGE 123

The classic oval with a DMM twist. The I-Beam construction gives a full size, high quality, lightweight biner that has many applications from big walling to racking gear.



### FEATURES

- > Clean nose design for snag-free usage
- > Solid gate as preferred for racking purposes
- > Generous rope bearing radius

STRENGTH (MAJOR AXIS)	STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
25kN	7kN	61g	24mm

## XSRE

TECH SPECS: PAGE 123

Although 'not-for-climbing' we couldn't help ourselves when the demand for a smaller accessory biner came up. With all of the signature DMM features, clean nose, I-Beam, anodised, we have created the world's finest mini biner. At only 8g, and with a 4kN rating we still haven't run out of possible applications.



### FEATURES

- > Not PPE, Not for climbing
- > 1000's of uses; from keyrings to dog leads
- > Available in 6 colours





Roofs don't get much bigger in the UK. **PETE ROBINS** on his spectacular addition to Pigeon's Cave, Dark Energy (8c+), The Great Orme.

Photograph **RAY WOOD**

A locking carabiner provides security and peace of mind for uses where it is critical that the gate remains closed, such as when belaying, abseiling or at main anchor points.

The locking mechanism helps eliminate the risk of accidental unclipping plus prevents the carabiner being loaded in a situation where the gate has been knocked or pushed open - in this situation all carabiners would lose around two thirds of the maximum potential strength.

We build our locking carabiners to resist worst case scenarios where they are pushed and levered against edges or loaded heavily when poorly orientated. That means we build our biners far beyond what the current EN standards require. A good example of this is the gate push-in test where the minimum required strength is 1kN - our testing indicates that this is not high enough, thus all our gates are manufactured from thick gauge 7075 alloy to achieve a minimum of 5kN and up to 16kN depending on the carabiner and its intended application.

We take the same care on all the other aspects of the critical area where the gate meets the body of the carabiner - our gate face strengths that simulate a carabiner being levered over an edge far exceed the required minimum; all of our screwgates easily cope with the point 8 test so that you can unlock the carabiner when it is loaded and our barrels are designed to be opened easily in all conditions.

The same attention to detail applies to the shape and geometry of our lockers - they are designed to be functional whilst being as safe and light as possible; we build carabiners that load correctly so that the chances of a carabiner flipping into a weak orientation are minimised.

We leave metal where it is needed to ensure ropes run smoothly and safely - we have the most advanced carabiner forging capability in the world and can move metal around a carabiner die better than anyone, but taking too much metal out is not always the best option even if the end product would be a bit lighter - small rope radii and thin edges are not ideal in a lot of situations.

Our lockers maximise performance without sacrificing safety and functionality.

All of our carabiners have a unique serial number allowing every item to be individually traced back to its original date of manufacture and complete production history.

In our locker range you'll find carabiners designed for a specific purpose and some that are better suited to general use. To help decide which is the right biner to choose for the job we've grouped our aluminium biners according to their best use, as either: rigging, belay, personal locker or specialist.

All our aluminium lockers are Hot Forged from high quality 7075-T6 alloy, benefit from a clean nose design to prevent snagging and are fully anodised.

# Locking Carabiners



## Locking Carabiners Technical

Locking carabiners are used to perform a variety of tasks. The suitability of a locking carabiner to a particular task will depend on its shape, the material it is made from, the type of locking mechanism it uses and the design of the body.

### Design

DMM's priority with all our equipment is safety and functionality - locking carabiners are no different. All of our carabiners meet either the mountaineering standard EN 12275 or the industrial standard EN 362 (Personal Protective Equipment against falls from a Height) for connectors and most meet both. However DMM also go beyond these standards in several areas and therefore all of the barrels in our screwgate range are manufactured from thick, high quality 7075-T6 aluminium. This means our alloy locking carabiners massively exceed the required 1kN push-in test that simulates a gate being levered against a sharp edge - all carabiners are at least 5kN and the heavy duty models exceed 16kN.

All our locking carabiners for 2015 have a keylock nose to prevent snagging, but less obvious is the fact that many have our patented Taperlock nose that gives even greater side-loading strength.

One of our strengths is Hot Forging and reducing weight to a minimum, however we don't do this at the expense of functionality or durability. All of our rope radiuses are made wider than necessary so that they are kind to ropes, and any surface that has rope running across it, such as on HMS belay carabiners, is made round with minimal or no I-Beaming so that the rope runs smoothly and predictably.

We also take great care with the overall shape of our carabiners so that they resist cross loading and try to load in the optimal way. Above all just pick up one of our lockers and look at the finish, wind the barrel up and down to feel how smooth it is and open the gate to feel the firm consistent action.

### Options

The Big Boa, Shadow and Ultra O are available in colour packs: a useful feature, particularly in an instructional or guiding situation, to aid stance management by helping to easily identify attachment points.

A captive bar option is available with certain carabiners to ensure directional orientation and loading of the carabiner along its major axis.

We also have a range of steel carabiners which are heat treated for high strength and durability. Widely used for rope access work, they're also popular with Outdoor Centres for group use. Bringing I-Beam construction to our steels has reduced the weight without compromising on strength

## Gates

DMM produce a variety of locking mechanisms that each have their own strengths.



SCREWGATE

### Screwgates

The most popular locking mechanism for climbers. They have a threaded barrel/sleeve that is rotated to lock the gate. Used for belaying, critical runners and at anchors, they're secure and unlikely to come undone once screwed shut. But of course you have to remember to do them up in the first place. Compared to other gate options screwgate biners are lighter and have a wider gate opening.



ANTI-VIBE SCREWGATE

### Anti-vibe

For extra security an anti-vibe (anti-vibration) screwgate is available with some carabiners. Originally developed for systems on helicopters, they also offer added assurance where attachment points may not be easily accessible and for bottom roping.



KWIKLOCK

### Kwiklocks

Kwiklocks have the advantage of locking automatically when the gate is released and can be opened with a two-way action. However, Kwiklocks can be susceptible to 'roll-out': if the gate rubs against the rock or a rope runs across the barrel, there is the possibility of accidental opening. Both screwgates and Kwiklocks can easily be operated one handed.



LOCKSAFE

### Locksafe

Locksafe biners are also auto-locking but with a three-way action, making them more secure than a Kwiklock. To open the gate you have to pull the barrel up, twist and then push. It is far less susceptible to roll-out than a Kwiklock and has been adopted as best practice in arborism.



DUROLOCK

### Durolocks

An auto-locking gate with a four-way action that minimises the chances of "rollout" or accidental gate opening. The anti-rollout design gives extra security when used in close proximity to moving ropes and they are well-suited to complex rigging applications.



KWIKLOCK ANSI

### ANSI

Our Locksafes and Kwiklocks are also available with the very strong ANSI (American National Standards Institute standard) compliant gates. Biners with ANSI gates are intended for industrial use where the gate may be subject to forces outside of recommended use such as cross loading. Any ANSI gate must meet the minimum 'all round' gate strength standard of 16kN: that is minor axis, push-in and side-load tests.



LOCKSAFE ANSI

## Locking Carabiner Range

### Rigging



Boa



30kN Boa



Klettersteig



Zodiac

### Belay



Belay Master 2



Rhino



Sentinel



Aero HMS

### Personal Lockers



Shadow



Phantom



Aero

### Specialist



Ultra D



Ultra O



Revolver

### Steel Lockers



Steel I-Beam Oval



Steel I-Beam Shadow



Steel I-Beam Klettersteig



Steel I-Beam Boa



Steel 10mm Equal D



## Boa

TECH SPECS: PAGE 124

Our largest locking carabiner is perfect for rigging belays and as a central connection point. The asymmetric HMS shape allows the carabiner to have a wide 24mm gate opening and a large internal volume whilst maximizing strength.



### FEATURES

- > Large internal area easily takes at least two large 11mm clove hitches
- > Wide clean nosed gate opening makes rigging multiple ropes and slings easy
- > Asymmetric shape sits naturally in the hand for great ergonomics
- > High push-in strength to resist damage and accidental opening

### BOA SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
25kN	25mm	83g

### AVAILABLE AS

- > Screwgate, Kwiklock, Locksafe or Anti-vibe Screwgate locking mechanism
- > Captive bar option
- > Red, Green and Blue Screwgate colour options
- > Colour Pack



## 30kN Boa

TECH SPECS: PAGE 124

The heavy duty version of the Boa looks very similar to its smaller sibling, but is Hot Forged from 14mm rather than 12mm bar to give it the 30kN major axis rating required for rescue loads. The deep I-Beam forging keeps the weight down to just under 100g.



### FEATURES

- > Suitable for rescue and heavy duty usage
- > Minor axis strength of 12kN gives extra safety even when cross loaded
- > Large gate opening and massive internal area for easy rigging
- > Super strong Taperlock clean nose

### 30kN BOA SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
30kN	26mm	95g

### AVAILABLE AS

- > Screwgate, Kwiklock, Locksafe, Anti-vibe Screwgate, Kwiklock ANSI, Locksafe ANSI or Durolock locking mechanism
- > Captive bar option
- > Red, Green and Blue Locksafe colour options
- > Red Locksafe ANSI version
- > Colour Pack



## Klettersteig

TECH SPECS: PAGE 124

The largest offset D carabiner in the range has a very large (26mm), clean nosed gate opening and wide top bar that make it ideal for clipping safety lines and wide webbing. The large internal volume and high 30kN strength also make it ideal as a central connection point for belays and rigging in both personal and rescue racks.



### FEATURES

- > Widest gate opening of all our alloy lockers
- > Strong 30kN major axis strength suitable for rescue usage
- > Patented Taperlocknose and burly 7075 barrel give it massive push in strength

### KLETTERSTEIG SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
30kN	26mm	85g

### AVAILABLE AS

- > Screwgate, Kwiklock, Locksafe, Anti-vibe Screwgate, Kwiklock ANSI, Locksafe ANSI or Durolock locking mechanism
- > Red Anti-vibe Screwgate or Locksafe ANSI versions
- > Captive bar option



## Zodiac

TECH SPECS: PAGE 124

A very strong Offset D locker with a 32kN major axis that is ideal for rescue loads and heavy duty rigging. This carabiner has been designed to take abuse from Centres and Groups who need a carabiner that loads perfectly, resists cross loading and offers that extra safety margin that gives peace of mind.



### FEATURES

- > Heavy duty back bar is massively strong and the steep top bar directs loads into the spine and away from the gate
- > The clean nose gate uses our patented Taperlock nose and our toughest barrel to give very strong gate open and side face strengths

### ZODIAC SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
32kN	18mm	76g

### AVAILABLE AS

- > Screwgate, Kwiklock, Locksafe or Anti-vibe Screwgate locking mechanism
- > Captive bar option



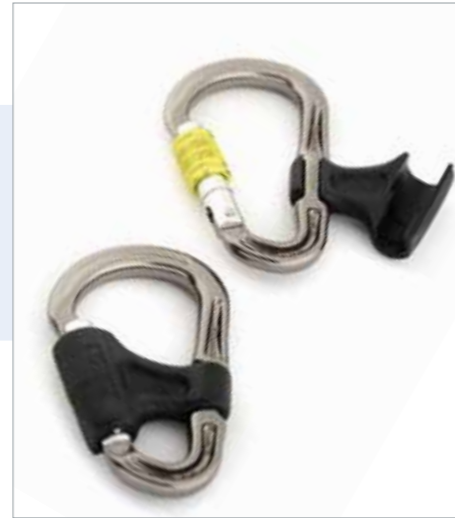
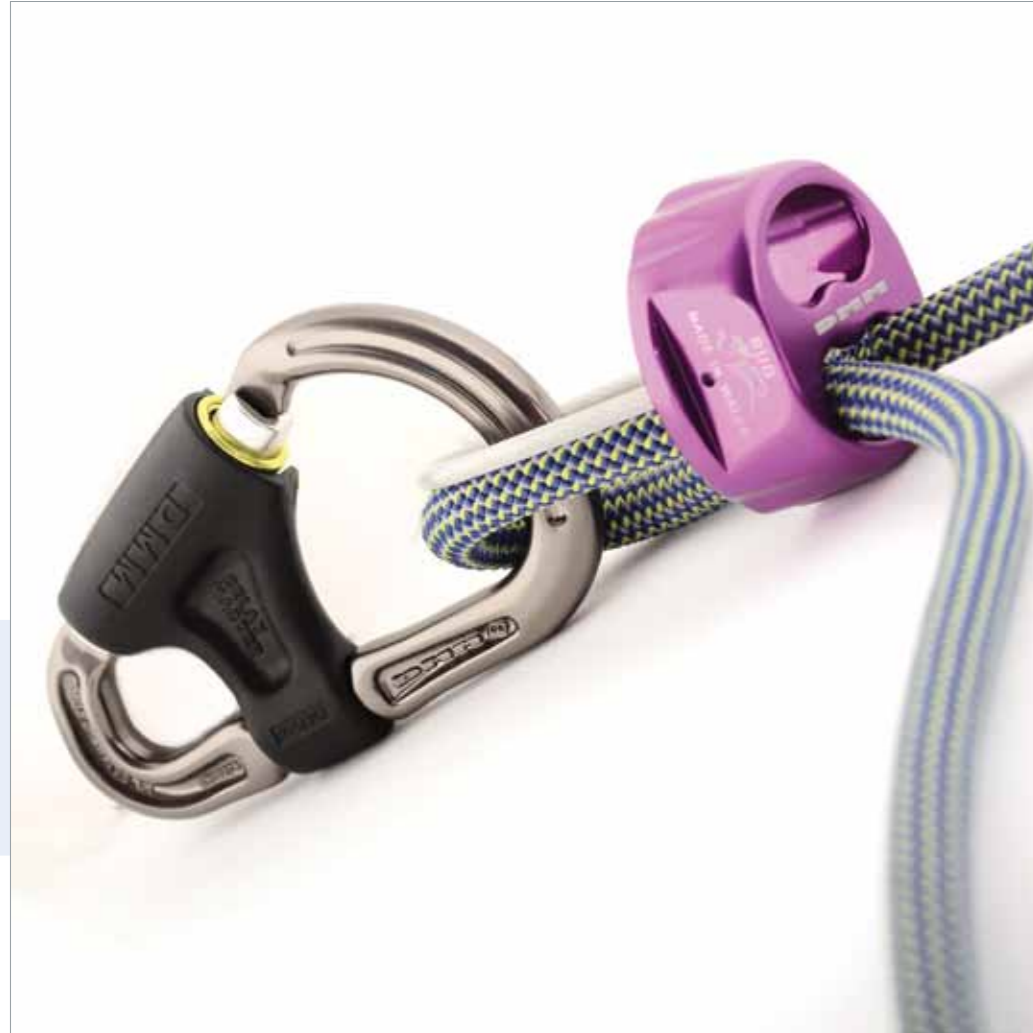


## Belay Master 2

TECH SPECS: PAGE 124

The original dedicated belay carabiner has been updated to an I-Beam construction, but still has a feature set that is hard to beat. The Zytel Nylon clip not only stops the carabiner from twisting and being cross loaded, it also stops the gate and barrel from being loaded and since the clip can only lock when the barrel is screwed closed then the clip also acts as a failsafe check that the carabiner is ready to use.

A very safe belay carabiner.



### FEATURES

- > Zytel Nylon clip ensures carabiner is loaded correctly; the barrel is closed and the gate cannot be levered open.
- > Thick, full section top bar is well rounded to give consistent rope control and durability
- > Works well with tube devices, assisted locking devices and friction knots

### BELAY MASTER 2 SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
25kN	20mm	95g

### AVAILABLE AS

- > Screwgate locking mechanism only
- > Spare clips available separately (page 116)

## Rhino

TECH SPECS: PAGE 125

The Rhino is an evolution of the compact personal belay carabiner and has been optimised to work beautifully with modern belay devices and rope controllers. The round top bar reduces lock-downs and gives smooth rope control on all tube devices such as the Pivot and Mantis. The pronounced horn stops assisted braking devices from twisting around the spine and cross-loading the carabiner with high forces.



### FEATURES

- > Compact, personal belay carabiner that combines perfect performance with safety
- > Works well with tube belay devices, friction knots and assisted belay devices - a complete solution for belay duties
- > Works well with other rope controllers such as back-up devices, pulleys and ascenders, stopping them from cross loading
- > Flat base sits well in belay loops and helps the carabiner load correctly

### RHINO SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
25kN	20mm	72g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms



## Sentinel

TECH SPECS: PAGE 125

The Sentinel is our lightest belay carabiner, but it is probably best thought of as a multi-functional locker that belays nicely too. Compact and light, the Sentinel has an asymmetric HMS shape that gives it a wide gate opening and wide top bar - perfect for rigging belays and clove hitches on trad routes.



### FEATURES

- > Compact, light and strong - a great all-rounder
- > Clean nose, wide gate opening and long top bar make rigging fast and easy
- > Asymmetric shape helps drive loads along the spine for better strength to weight performance whilst also improving ergonomics

### SENTINEL SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
24kN	20mm	54g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms
- > Multi-pack



SCREWGATE

KWIKLOCK

LOCKSAFE

## Aero HMS

TECH SPECS: PAGE 125

A classically featured HMS that offers exceptionally smooth rope control and fantastic durability thanks to the solid bar construction which gives a very rope friendly radius of 13mm - this means smooth locking and fast payout of rope with minimal snatching of the belay plate. The plain construction hides the fact that it is still a fully Hot Forged, clean nose carabiner with our advanced patented Taperlock nose that gives massive push-in strength to the gate.



### FEATURES

- > Classic mid-size HMS that offers superior rope control with a 13mm radius on the top bar.
- > Very strong construction
- > Very good value

### AERO HMS SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
25kN	19mm	84g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms
- > Multi-pack



SCREWGATE

KWIKLOCK

LOCKSAFE



A route that has never lost its special aura, Right Wall (E5 6a), STU MCALEESE showing the way on Dinas Cromlech, Llanberis Pass.

Photograph RAY WOOD



## Shadow

TECH SPECS: PAGE 125

The perfect mid size Offset D for personal climbing - strong, light and handles beautifully. Using our advanced Hot Forging technology we have removed and redistributed as much metal as possible to give a carabiner that has a 18mm gate opening and a weight of 51g. All the typical DMM features are present - a clean nose with push-in strength that is 5 times the EN standard, a squared off spine that helps the carabiner sit in your palm without twisting and beefed up contact areas that are kind to gear.



### FEATURES

- > The offset D locker for all round personal climbing
- > Strong, light and with great ergonomics that makes use with gloves straightforward

### SHADOW SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
24kN	18mm	51g

### AVAILABLE AS

- > Screwgate, Kwiklock, Locksafe or Anti-vibe Screwgate locking mechanisms
- > Red, Green and Blue Screwgate or Locksafe colour options
- > Colour Packs
- > Multi-packs

## Phantom

TECH SPECS: PAGE 125

Very light, very strong and very useable. We followed the same reasoning with the Phantom Screwgate as we did with the Phantom - making the lightest, strongest carabiner that was still a joy to handle with no compromises given to strength, safety or ergonomics. Clean nosed, 42g, 24kN major axis strength and a big 6kN gate push-in strength - enough said.



### FEATURES

- > Our lightest screwgate carabiner at 42g
- > 9kN Minor axis and 24kN major axis strength
- > The spine has a squared off, flat back that sits securely in the palm without twisting
- > Clean nose and 6kN push-in strength

### PHANTOM SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
24kN	17mm	42g

### AVAILABLE AS

- > Screwgate locking mechanism only
- > Multi-pack

## Aero

TECH SPECS: PAGE 125

Our classic Offset D locker is fully Hot Forged with a clean nose and well rounded radii that are kind to equipment. It is typically very strong across all axes and even the gate is rated to 6 times the EN standard. DMM quality and fantastic value.



### AERO SCREWGATE

STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
25kN	17mm	59g

### AVAILABLE AS

- > Screwgate locking mechanism only
- > Multi-pack



## Ultra D

TECH SPECS: PAGE 125

The largest of our screwgates for general use is a hybrid of an oval and an offset D to give an almost symmetrical D. This gives a very strong (28kN major axis) carabiner that also has a wide gate opening of 23mm at a weight of only 72g. The Ultra D also features our patented Taperlock clean nose that offers superior strength. Great for heavy duty rigging and for use on lanyards with a captive eye. Also surprisingly good as a belay biner.



- FEATURES**
- > Fantastic strength to weight ratio with a large gate opening
  - > Super strong Taperlock clean nose

ULTRA D SCREWGATE		
STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
30kN	22mm	68g

- AVAILABLE AS**
- > Screwgate, Kwiklock, Locksafe, Kwiklock ANSI, or Locksafe ANSI locking mechanisms
  - > Captive bar option



## Ultra O

TECH SPECS: PAGE 126

The perfect locker for use with pulley systems, swivels or shackles. The Ultra O is a full size oval carabiner that has become the carabiner of choice for arborists because of its high strength, low weight and stable loading characteristics. The symmetrical shape is slightly larger than normal and this allows equipment to sit centrally and not shift under load whilst also allowing the user to stack equipment on either side.



- FEATURES**
- > Ideal for systems where stability under load is critical ie rescue or hauling systems involving pulleys, swivels or shackles
  - > Very strong oval locking carabiner with a class leading strength to weight ratio
  - > Clean nosed gate with a high push-in strength

ULTRA O SCREWGATE		
STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
25kN	22mm	68g

- AVAILABLE AS**
- > Screwgate, Kwiklock, Locksafe or Anti-vibe Screwgate locking mechanisms
  - > Red, Green and Blue Screwgate or Locksafe colour options
  - > Colour Packs
  - > Multi-packs



## Revolver

TECH SPECS: PAGE 126

The DMM innovation that reduces rope drag. An internal pulley wheel allows the rope to glide through the quickdraw, proving very useful on long pitches, crux bolts and changes in direction. Used as a biner, it makes light work of crevasse rescue, light hauling, and rescue.



- FEATURES**
- > Integral pulley functions up to 11kN loading
  - > Use on the rope end of key quickdraws to minimise rope drag
  - > Useful in many rope work situations

REVOLVER SCREWGATE		
STRENGTH (MAJOR AXIS)	GATE OPENING	WEIGHT
24kN	16mm	64g

- AVAILABLE AS**
- > Screwgate, Kwiklock or Locksafe locking mechanisms



## Colour Packs

Guides and Mountaineering instructors wanted a simple solution to help transfer their knowledge and experience to their clients, simplify systems, and take out confusion at belays. With our small batch, in-house production we were able to provide that solution. We have taken our best loved Shadow, Boa, and Oval biners and colour coded them. Red, Blue, and Green: they look different - even in poor light.

Not only suited to the mountain professionals; climbers of all abilities wanting easy identification will benefit.





## Steel I-Beam Ultra O

TECH SPECS: PAGE 126

A high strength oval with superior abrasion resistance and strength properties compared with aluminium is ideal for intense use or high load rigging. The oval shape offers great stability when rigging rope or sling systems and reduces the chances of loads shifting accidentally - perfect for any situation where you need to keep the load in a straight line. It is also less prone to cross loading due to its shape.



### FEATURES

- > I-Beam construction allows maximum strength with minimum weight
- > Perfect for rigging systems where loads must not shift accidentally
- > Also commonly used for lanyards and cowstails
- > Keylock nose allows snag-free rigging
- > Heat treated for long life and durability

STRENGTH (GATE OPEN)	GATE OPENING	WEIGHT
36kN	14.9mm	160g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms
- > Captive bar option



SCREWGATE

KWIKLOCK

LOCKSAFE

## Steel I-Beam Shadow

TECH SPECS: PAGE 126

A compact and relatively light steel offset D locking carabiner. Great for rescue and rigging situations where strength is important, but the gear needs to be transported. Also perfect for Centre use in setting up top ropes.



### FEATURES

- > I-Beam construction allows maximum strength with minimum weight
- > Relatively light for a steel locker
- > Also commonly used for lanyards and cowstails
- > Keylock nose allows snag-free rigging
- > Heat treated for long life and durability

STRENGTH (GATE OPEN)	GATE OPENING	WEIGHT
50kN	16.3 - 18.5mm	145g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms
- > Captive bar option



SCREWGATE

KWIKLOCK

LOCKSAFE

## Steel I-Beam Klettersteig

TECH SPECS: PAGE 126

The Klettersteig is a large capacity carabiner with a wide gate opening. The wide top bar will take webbing up to 50mm wide as well as multiple knots. The wide gate opening and good handling make it popular for rescue and evacuation.



### FEATURES

- > I-Beam construction allows maximum strength with minimum weight
- > Large gate opening and wide top bar makes clipping fast and easy
- > Designed to load well with wide webbing and complex rigging
- > Keylock nose allows snag-free rigging
- > Heat treated for long life and durability

STRENGTH (GATE OPEN)	GATE OPENING	WEIGHT
50kN	23.3 - 24.7mm	252g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms
- > Captive bar option



SCREWGATE

KWIKLOCK

LOCKSAFE

## Steel I-Beam Boa

TECH SPECS: PAGE 126

A large capacity carabiner with a huge feature set - a wide gate opening for easy clipping, a long top bar takes wide webbing or multiple knots, the offset HMS shape offers stable loading for both running ropes and static loads.



### FEATURES

- > I-Beam construction allows maximum strength with minimum weight
- > Large gate opening and wide top bar makes clipping fast and easy
- > Designed to load well with wide webbing and complex rigging
- > Keylock nose allows snag-free rigging
- > Heat treated for long life and durability

STRENGTH (GATE OPEN)	GATE OPENING	WEIGHT
45 kN	22 - 23mm	247g

### AVAILABLE AS

- > Screwgate, Kwiklock or Locksafe locking mechanisms
- > Captive bar option



SCREWGATE

KWIKLOCK

LOCKSAFE



## Steel 10mm Equal D

TECH SPECS: PAGE 126

If you need the durability and strength of a steel screwgate, but want to keep the weight down, then this is a good option. The Equal D is a small, strong and rugged carabiner that has remained a popular part of our range.



### FEATURES

- > D shape provides large internal volume at both ends
- > 10mm bar section for lightness and strength
- > Heat treated for long life and durability

STRENGTH (GATE OPEN)	GATE OPENING	WEIGHT
30kN	15mm	172g

### FEATURES

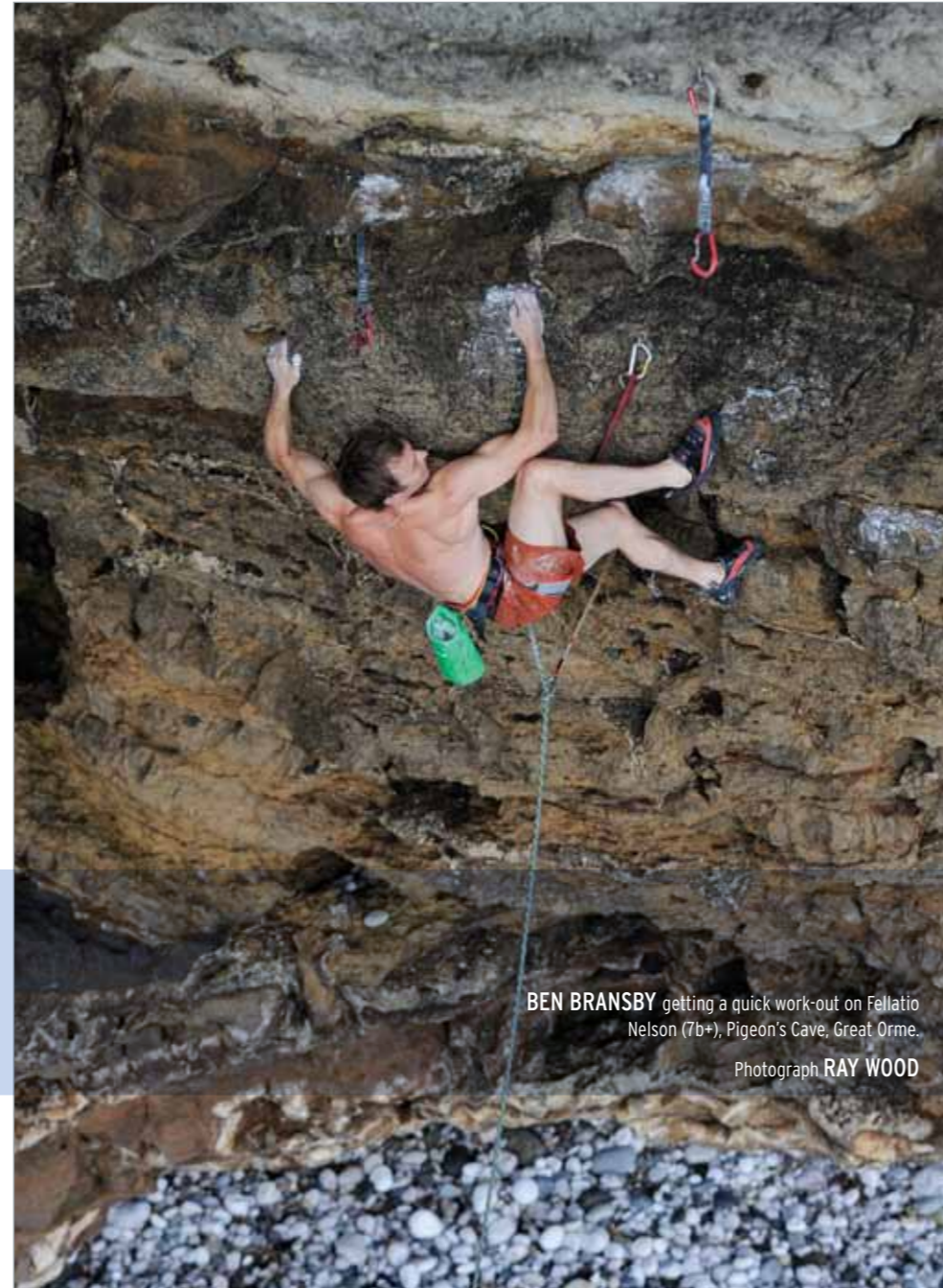
- > Screwgate, Kwiklock or Locksafe locking mechanisms



SCREWGATE

KWIKLOCK

LOCKSAFE



BEN BRANSBY getting a quick work-out on Fellatio Nelson (7b+), Pigeon's Cave, Great Orme.

Photograph RAY WOOD

# Protection



Here at DMM we understand that placing protection on traditional climbs is a real art. Thankfully, living in Snowdonia, it is something we have ample opportunity to practice. All around us are classic mountain crags and sea cliffs where we can test out and refine our designs.

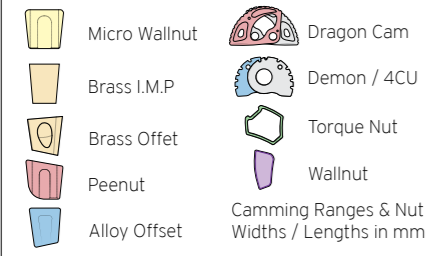
Cracks come in all shapes and sizes, some are tiny, and some are big enough to swallow a fist. Some are curved, some are parallel, some are knobbly, and some are just plain awkward. With this mind, our protection range includes several options including both Cams and Passive Pro and covers placements from 4mm to 114mm.

A climber's rack is very personal thing, built with experience as routes get tucked under the belt and the mileage increases. The DMM protection range caters for climbers of all abilities, on all rock types, on all routes.



# Protection

## Passive and Active



### Passive Protection

Our range of nuts is centred on the Wallnuts. A classic that reflects the qualities of other pieces in the range: carefully sculpted shapes calculated to maximise overlap between sizes, curved bodies to help them lock into placements and avoid lifting out, precision hardening so they bite well without deforming, maximum strength with minimum weight, rounded edges to stop them catching when being placed, recessed wires to give longer a life, wire that is flexible to minimise lifting, but is stiff enough to allow placements at full reach, plus a colour scheme that runs across the whole of the passive protection range to allow easy identification of similarly sized nuts by colour.

Alloy Offsets are an equally important part of your rack covering key crack sizes whilst offering different placement options. They are a revelation to use; initial scepticism of their radical tapers soon fades into wonderment at how versatile they are.

Smaller cracks are spoilt for choice as we have Peenuts and Micro Wallnuts in aluminium plus the IMPs and Brass Offsets in Silicone bronze ('Brass'). Peenuts and Micro Wallnuts are extensions of the Offset and Walnut ranges whilst the 'Brass' nuts are stand-alone ranges with smaller heads for cracks which are less deep. The IMPs have a regular taper whilst the Offsets are asymmetrical. Silicone Bronze is used because the cables need to be silver soldered into the head.

Micro Wallnuts  
4.0 - 5.9mm / 9.7 - 12.6mm

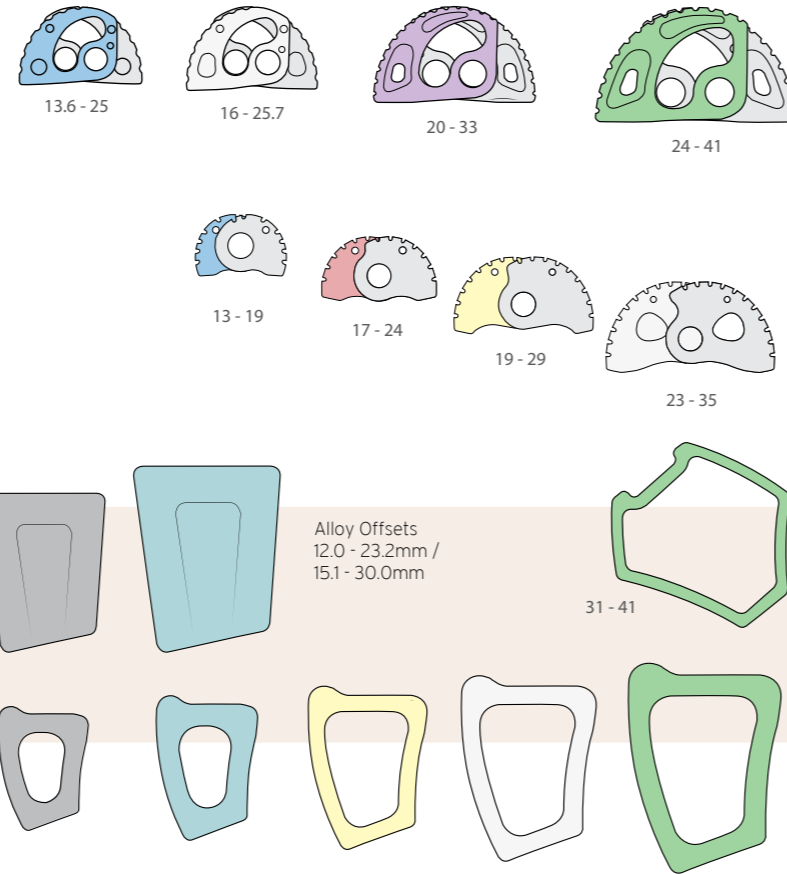
Brass I.M.Ps  
4.0 - 9.5mm / 5.6 - 11.7mm

Brass Offsets  
3.7 - 9.8mm / 5.5 - 13.9mm

Peenuts  
6.5 - 9.2mm /  
11.5 - 13.9mm

Wallnuts  
6.7 - 33.1mm /  
14.3mm - 37.4

Alloy Offsets  
12.0 - 23.2mm /  
15.1 - 30.0mm

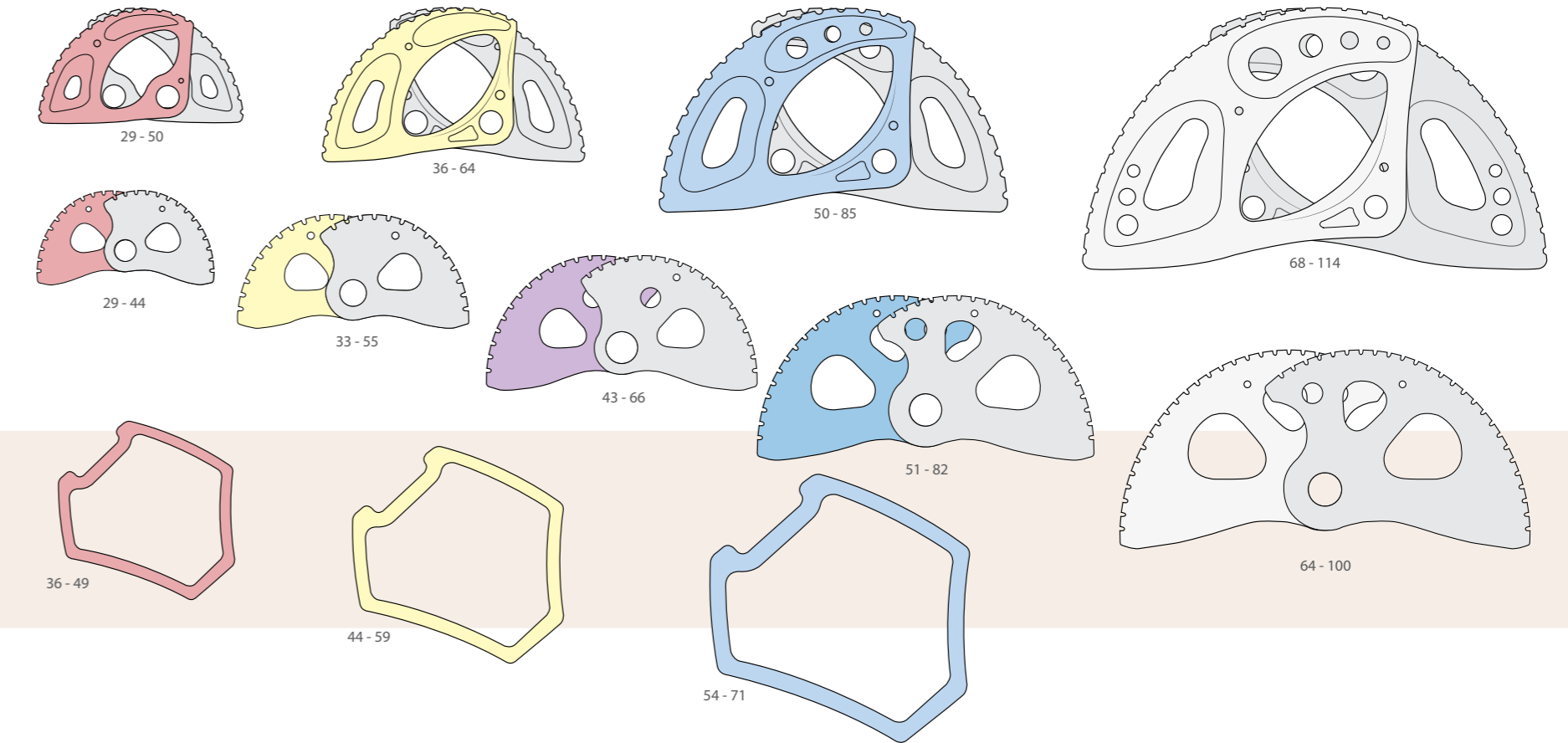


Material choice, heat treatment and hardness are all critical here to allow the heads to bite into the crack, but to be hard enough to avoid being deformed and stripped out under load. All of these ranges use the same colour scheme so that similarly sized nuts, no matter which range they belong to, are the same colour. This system makes choosing the correct size nut so much faster. Ideal when the pump sets in.

Larger cracks can be tamed with Torque Nuts; a Hexcentric nut for the 21st century. We designed the Torques to maximise the range of each size compared to a normal Hex, then we curved the sides to allow them to be cammed into almost parallel cracks before finally adding a patented double sling to allow you to extend the nut whilst saving a quickdraw.

### Active Protection

The Dragon cam heads up our cam range with a 13.75° camming angle, dual axle design that gives each unit greater range whilst clever forging and machining avoids a weight penalty. The stems give a perfect balance between stiffness for easy precise placements and flexibility for optimal loading in a fall. The final clever touch is our patented double sling system that minimises the amount of quickdraws and you have to carry. The Demons and 4CU's are single and twin stem camming units that have the same lobes in common - light, smooth and with a 13.75° camming angle for the best balance between range and holding power.





## Dragon

TECH SPECS: PAGE 127

Designed with the tried, tested, and trusted 13.75° camming angle at its heart, the Dragon defines high performance, high specification, high quality, dual axle camming devices. Hot Forged cams, stainless steel components, ergonomic thumb grips, and the invaluable extendable sling make this an indispensable addition to any rack. Lightweight, easy handling, fast placement, and high levels of security as standard: The premium cam.



### FEATURES

- > Twin axle, increased range cam, with constant 13.75° camming angle
- > Single stem with extendable Dyneema sling system (patented), saves on quickdraws
- > Top quality materials and workmanship for performance and durability
- > 8 sizes cover placements from 13.6mm to 114mm and weigh between 75g and 276g

### AVAILABLE AS

- > Singles and in sets of 3 cams (00, 0, 1) or (2,3,4)

## Demon

TECH SPECS: PAGE 127

In the middle of the DMM range is the Demon, taking the single axle design from the 4CUs and the popular stem components from the Dragon, a high performance hybrid was born. The Demon provides increased racking options for climbers using Dragons, welcome familiarity for those used to the traditional sizing of 4CUs, and a great balance between performance and value.



### FEATURES

- > Single axle, 13.75° constant camming angle
- > Single stem with extendable Dyneema sling system (patented), saves on quickdraws
- > Top quality materials and workmanship for performance and durability
- > Nine sizes cover placements from 13mm to 100mm and weigh between 84g and 221g

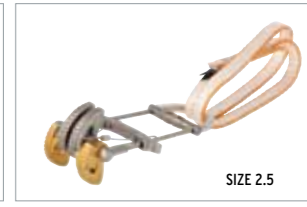
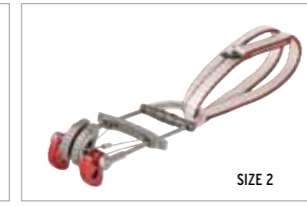
### AVAILABLE AS

- > Singles and in sets of 3 cams (1,2,3) or (0.5, 1.5, 2.5)

## 4CU

TECH SPECS: PAGE 127

Our long serving, faithful 4CU has proven itself on hard first ascents and has stopped many a plummet. The single axle is mounted to a dual stem frame which in turn carries the extendable sling. This creates a lightweight design that is suitable for a wide array of climbs. The 4CU is extremely popular with climbers on a budget, both financially and weight wise.



### FEATURES

- > Single axle, 13.75° constant camming angle
- > Dual stem with extendable Dyneema sling system (patented), saves on quickdraws
- > Top quality materials and workmanship for performance and durability
- > 9 sizes cover placements from 13mm to 100mm and weigh between 75g and 224g

### AVAILABLE AS

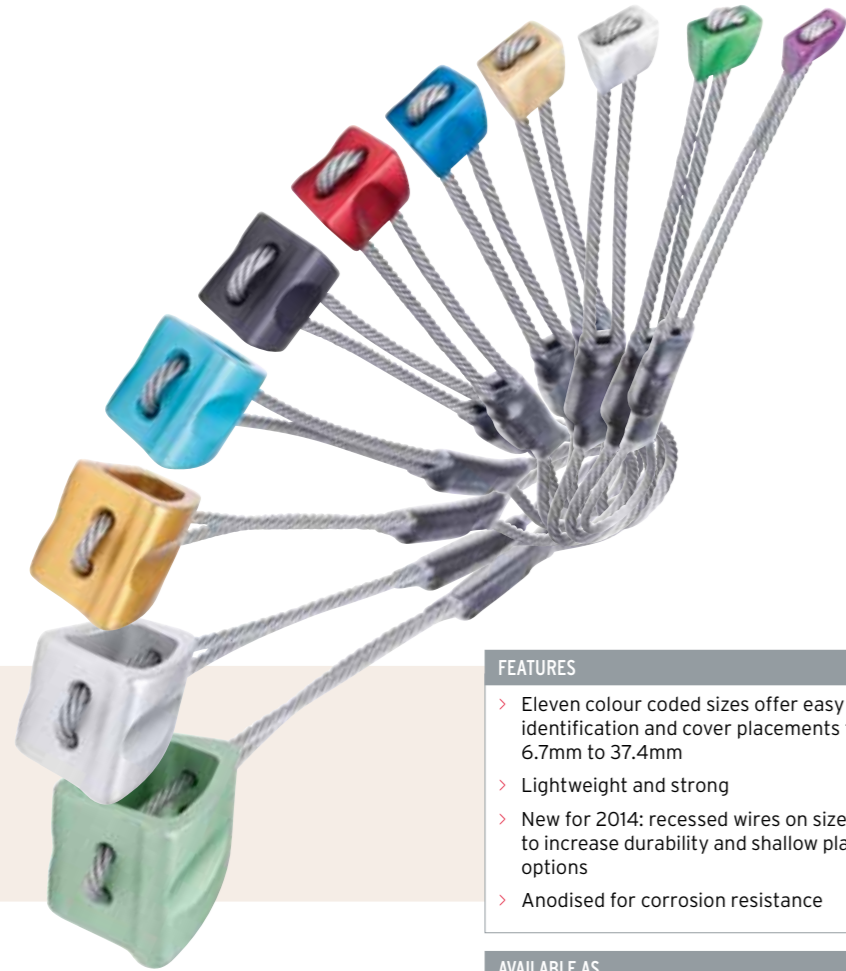
- > Singles and in sets of 3 cams (1,2,3) or (0.5, 1.5, 2.5)



## Walnuts

TECH SPECS: PAGE 127

Refined over many years, the Walnuts are as popular as ever with climbers; from those taking their first steps onto rock, to the seasoned campaigner - proof that they really do work. Walnuts are the backbone of any trad rack, with most climbers carrying at least one full set and supplementing them with the more specialised passive protection from the DMM range. The carefully calculated sizing and angles, unique scoops, and multiple placement options all add up to increase the chances of getting that 10/10 runner that allows you to press on upwards.



### FEATURES

- > Eleven colour coded sizes offer easy identification and cover placements from 6.7mm to 37.4mm
- > Lightweight and strong
- > New for 2014: recessed wires on sizes 1-6 to increase durability and shallow placement options
- > Anodised for corrosion resistance

### AVAILABLE AS

- > Individually and packs of sizes 1-11, 1-6, and 7-11
- > Part of the Nut Sets (see page 44)

## HB Alloy Offsets

TECH SPECS: PAGE 127

Where do you turn when the cracks are flared? No good for standard wires? Too open for a cam? The legendary Hugh Banner came up with the answer: Offsets. An ideal complement to a standard rack, the five sizes of HB Alloy Offsets can provide solid, confidence inspiring placements where simply nothing else will work to get you out of that jam.



### FEATURES

- > Five sizes, colour coded to integrate with the rest of the DMM range
- > Multiple placement options for each size
- > A hugely useful addition to Walnuts
- > Peenuts cover the smaller offset sizes

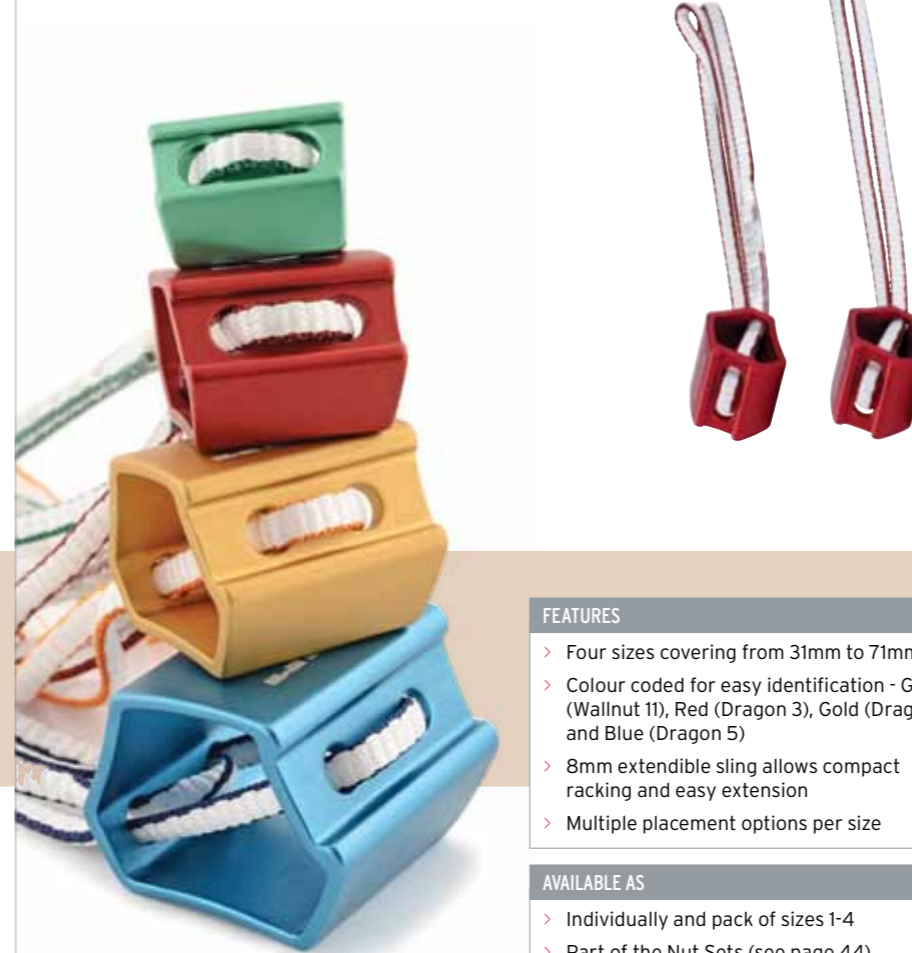
### AVAILABLE AS

- > Individually and pack of sizes 7-11
- > Part of the Nut Sets (see page 44)

## Torque Nuts

TECH SPECS: PAGE 127

Outrageously light and strong, the Torque Nuts take over where the Walnuts leave off. Starting at 31 mm and continuing to a whopping 71mm, this versatile set takes care of wide crack passive protection with gusto. The carefully shaped bodies allow the climber to place the Torque Nut like a Walnut in a constriction in one orientation, and in the other, the Torque Nut really 'cams' - allowing protection in parallel cracks. Once the placement is solid, the clever sling system (patented) that helped you rack the Torque neatly and away from your knees can be extended out of the depths of the crack, reducing rope drag and adding security to your runner.

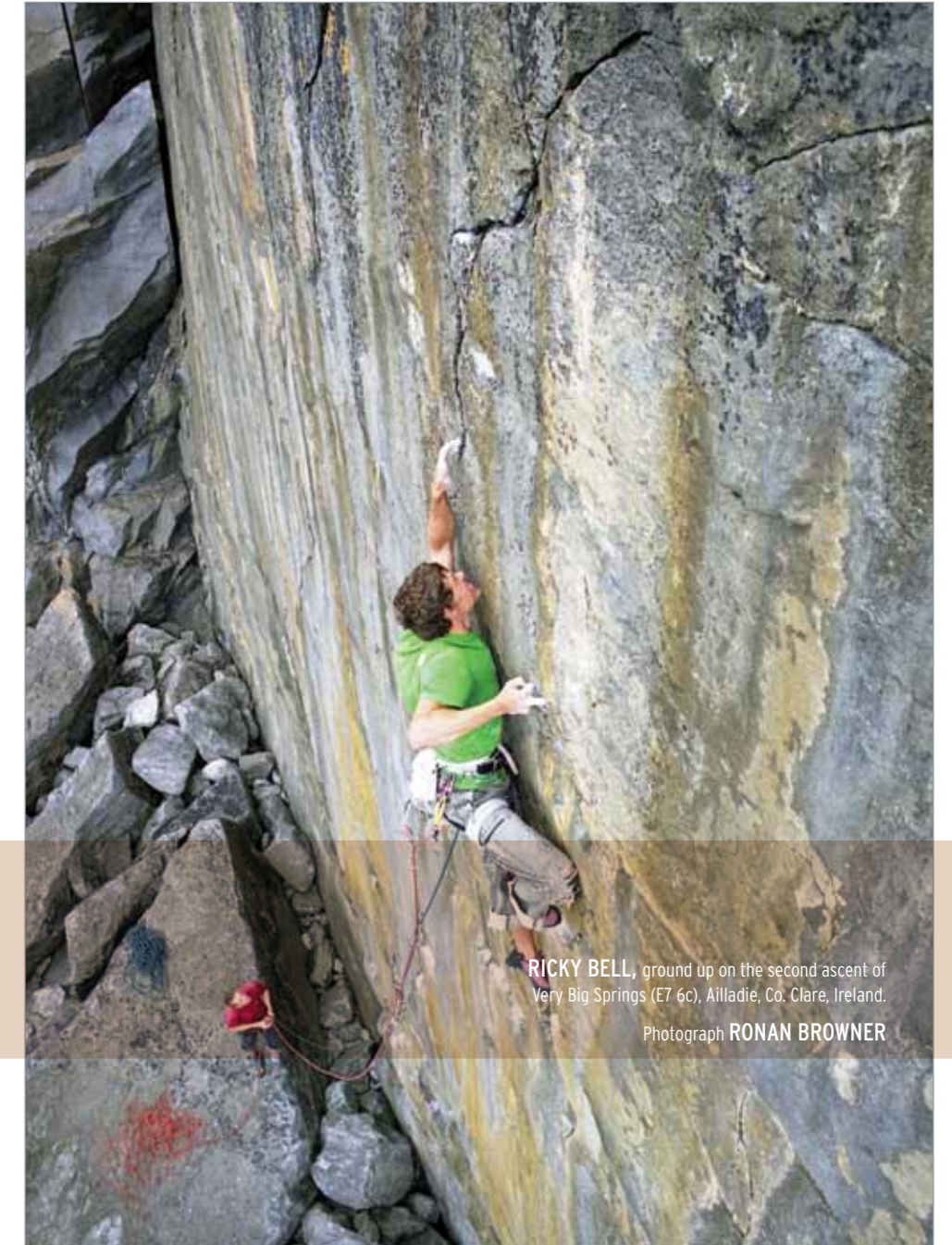


### FEATURES

- > Four sizes covering from 31mm to 71mm
- > Colour coded for easy identification - Green (Walnut 11), Red (Dragon 3), Gold (Dragon 4) and Blue (Dragon 5)
- > 8mm extendible sling allows compact racking and easy extension
- > Multiple placement options per size

### AVAILABLE AS

- > Individually and pack of sizes 1-4
- > Part of the Nut Sets (see page 44)



RICKY BELL, ground up on the second ascent of Very Big Springs (E7 6c), Ailladie, Co. Clare, Ireland.

Photograph RONAN BROWNER



## Protection Packages

TECH SPECS: PAGE 127

DMM have constructed three passive protection sets to help progressing climbers through the first stages of racking up. These sets offer great value for money for the finest passive protection in the world. The rack building process is a personal one which continually evolves over time as experience is gained. The components of these packs are the 'staples'; they make up the backbone of any trad rack and lay down a solid foundation for climbers of all levels, on all rock types, to build upon. It may be one set, or maybe two, but supplemented with a selection of Dragons, quickdraws, and slings, the novice climber rapidly accumulates a dream rack, capable of taking on the dream routes they have their hearts set on.

All of the sets are what we would consider to be the 'basics'. Dependent on the length, difficulty, rock type, and the number of pitches to be tackled, along with the climber's boldness, the sets could be supplemented with any of the DMM range, from the tiny (but invaluable) IMP 1, to the Dragon 6.



### Set 1. Walnut Set 1-11, Alloy Offsets 7-11

TECH SPECS: PAGE 127

A great starter passive rack that enables a climber to protect relatively short single pitch climbs, with the added flexibility of 'doubling up' in key sizes and offering a secure placement option in those tricky flared placements. This pack would normally be partnered with a selection of cams/Torque Nuts that would allow placements in cracks bigger than a Walnut 11.

#### FEATURES

- > 16 pieces
- > Normally supplemented with Cams/Torque Nuts for the larger placements
- > Perfectly suited for the new leader taking their exploratory steps into single pitch trad

### Set 2. Walnut Set 1-11, Torque Set 1-4

TECH SPECS: PAGE 127

For the climber wanting to attain the greatest range with the greatest value, this set covers a range from 6.7mm to 71mm. If you wanted one set to cover the most eventualities without having to buy cams this incredible value set will get you up most single pitch routes at a modest level. If purchased with Set 1, the climber then has a classic 'double set' of Wallnuts. The tricky placements covered with the offsets, and the bonus of the wide protection that the Torques afford.

#### FEATURES

- > 15 pieces
- > A great do it all, large range, protection set
- > Perfectly suited for the new leader taking their exploratory steps into single pitch trad
- > Part of a perfect combo with set 1.

### Set 3. Walnut Set 1-11, Alloy Offset 7-11, Torque 1-4

TECH SPECS: PAGE 127

When a climber may already own some cams, and would like to embrace the skilful art of nut placement, or for a deluxe starter rack, this pack offers something for every crack, fissure, and break from 6.7mm to 71mm. As a starting point this is about as good as it gets. Once the climber chooses the cams and the micro protection to hang on their harness alongside this lot, they really should be ready for anything!

#### FEATURES

- > 20 pieces
- > Deluxe starter pack
- > Ideally used as a starting point for an expansive rack for all climbing challenges.
- > Perfect partners would be a 2nd set of Wallnuts, some IMP's or HB Offsets (Micro), and a selection of cams (Medium/Large)

## Peenuts

TECH SPECS: PAGE 128

Using similar shaping as the HB Alloy Offsets, the Peenuts take all of the advantages and scale them down to the smaller sizes. For flared placements, pin scars, and those niggling placements where a standard nut just doesn't quite cut it, the Peenuts are the ideal addition to your rack. When compared to the Brass Offsets, the larger surface contact area on the Peenuts make them more suitable to rock types where the force of a fall could cause the failure of the rock rather than the gear.



#### FEATURES

- > Increased placement options
- > A versatile addition to the climber's rack
- > 5 colour coded sizes

#### AVAILABLE AS

- > Individually and pack of sizes 1-5

## Micro Wallnuts

TECH SPECS: PAGE 128

Designed to fit in placements smaller than a Walnut 1, these straight sided nuts are suited to the more 'standard' placements and range from 4mm to 12.6mm in four colour coded sizes. Ultra lightweight, with recessed wire slots and a large surface area to dissipate the load make them a good choice for your first step into micro protection, or for routes where suspect rock may be encountered.



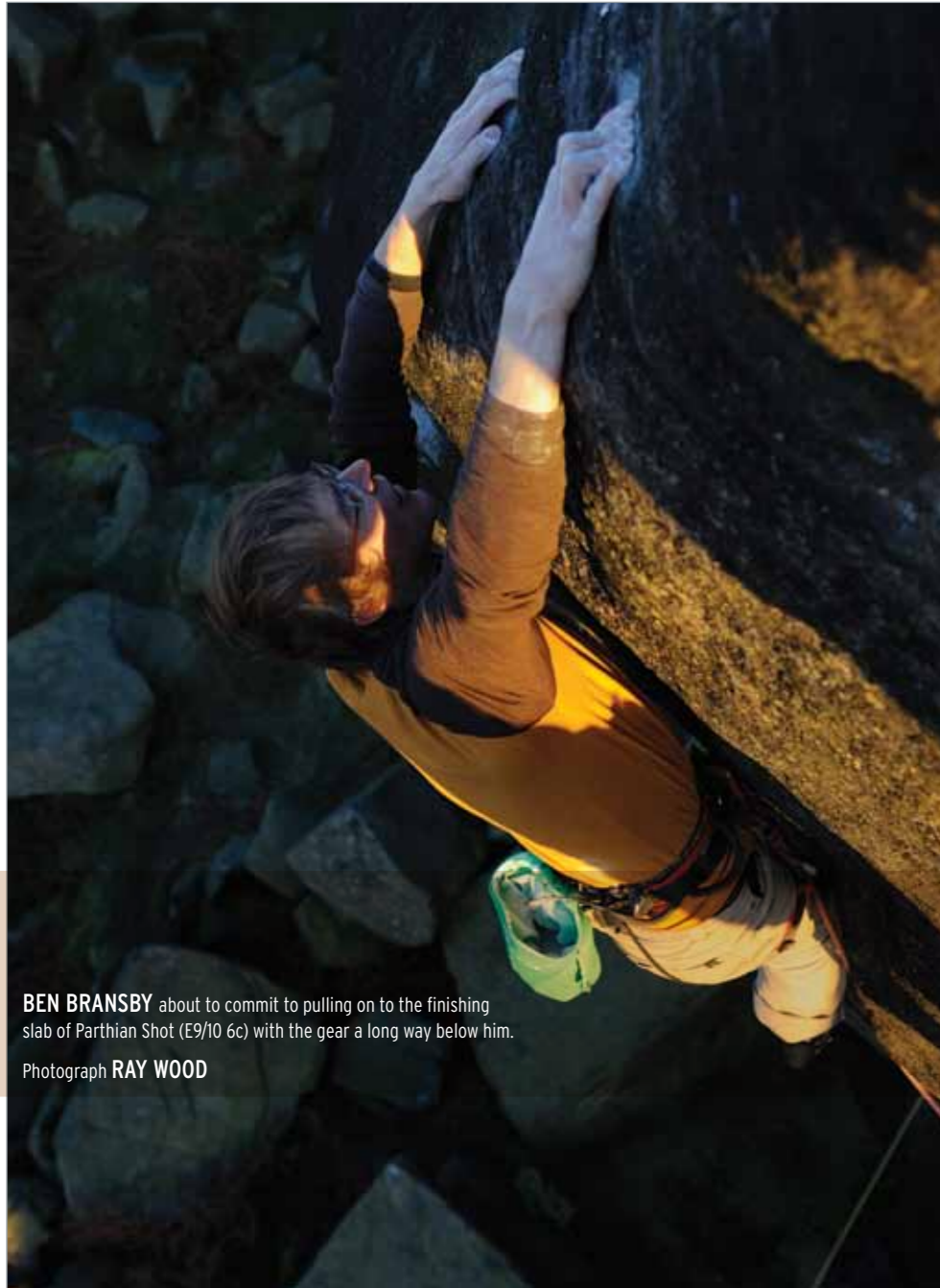
#### FEATURES

- > A great first set of micro protection
- > Four colour coded sizes (sub Walnut 1)
- > Recessed wire and large surface contact area

#### AVAILABLE AS

- > Individually and pack of sizes 00 - 0.75





**BEN BRANSBY** about to commit to pulling on to the finishing slab of Parthian Shot (E9/10 6c) with the gear a long way below him.

Photograph **RAY WOOD**

## I.M.Ps

TECH SPECS: PAGE 128

Immaculate Marginal Protection. These high tech, miniature masterpieces can give confidence inspiring placements when the going gets tough (thin) and nothing else will work. The carefully selected nut material provides good 'bite' and allows the nut to mould to irregular placements, whilst being tough enough to stay in one piece and not shear out. The clever one-sided swage allows a higher level of equalisation between the terminations, therefore increasing the overall strength in marginal placements. The ultimate straight sided micro nut.



### FEATURES

- > Advanced, high strength micro nuts
- > Five sizes covering from 4mm to 11.7mm
- > Colour coded aluminium swage for easy identification
- > A must for climbers progressing through the grades

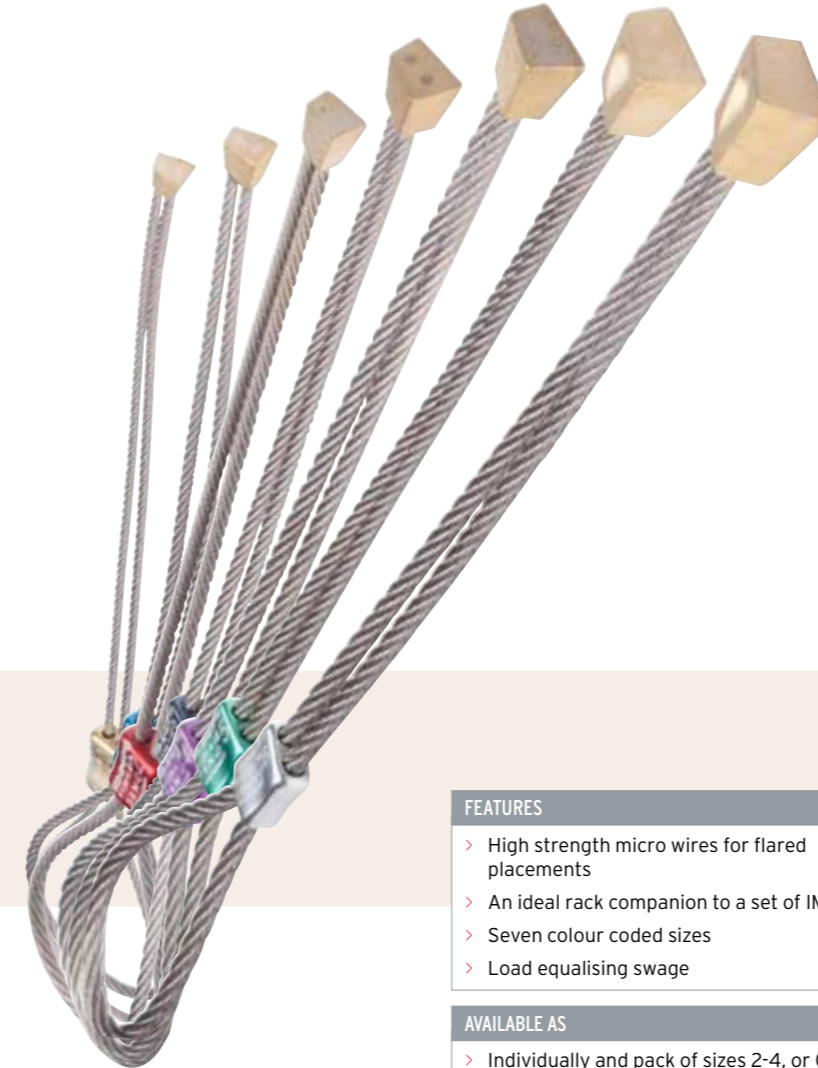
### AVAILABLE AS

- > Individually and pack of sizes 2-4 or 1-5

## HB Brass Offset

TECH SPECS: PAGE 128

Another bit of Hugh Banner wizardry. Wanting to address the issue of those placements where a parallel sided nut just won't work... only this time, on a micro scale. These specialist nuts sit perfectly alongside the IMPs to complete the ultimate small crack tool kit. Silver soldered for high strength, with carefully calculated angles, and colour coded swages for rapid identification, the HB Brass Offsets are invaluable on granite, pin scars, slate, shallow flares, and all those places where the placements aren't easy.



### FEATURES

- > High strength micro wires for flared placements
- > An ideal rack companion to a set of IMPs
- > Seven colour coded sizes
- > Load equalising swage

### AVAILABLE AS

- > Individually and pack of sizes 2-4, or 0-6

## Nutbuster

TECH SPECS: PAGE 128

So you've got all the gear lodged into the crag, now the second has to get it all out. We've manufactured the Nutbuster to be simple, reliable and user friendly. The tip of the tool is slimmed down to get to those hard to reach micros, and the handle is comfortable rubber to ensure a firm grip when shifting those stubborn nuts. The handle can be removed to expose a 17mm spanner for tightening up any loose bolts.



### FEATURES

- > Rubber handled nut key
- > Laser cut from stainless steel
- > Lightening holes to reduce weight
- > Narrow profile to access deep placements
- > 17mm spanner inside handle
- > Available in a variety of colours, see page 117





**JAMES MCHAFFIE** and **DAN MCMANUS** on the 'Lucy is a Labrador' pitch of El Nino, (VI 5.13c, 30 pitches), El Capitan, Yosemite.

Photograph **TOM EVANS**

For many years DMM have offered a classic selection of belay and abseil devices. In 2014, years of R&D, listening to climbers requirements, prototyping and testing has led us to the launch of three new devices to bring our range up to date and cater for the modern climber.

## Abseil & Belay

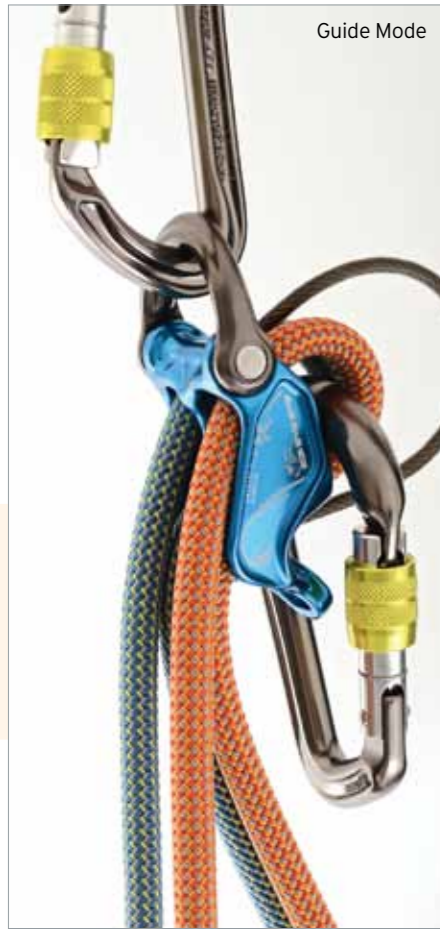




## Pivot

TECH SPECS: PAGE 120

Versatile, functional and innovative, the new DMM Pivot is a modern belay device that caters for modern belaying techniques with modern ropes. Meticulously researched and developed to provide optimum performance both belaying from the harness, and direct from the anchor. The Pivot provides smooth paying out, a secure and confident catch, and controlled lowering. The head turner is the innovative pivot - this patent pending solution shifts the lever arrangement to allow controlled and easily initiated lowering when used in guide/direct mode. Even with a weighty second, the belayer can lower one, both, or either second with total control using the specially shaped biner cavity. Once the top is reached, the Pivot will be a trustworthy abseil partner for the return to the base. Perfect for alpine, winter, and multi-pitch trad. All of these features are wrapped up in a package weighing only 72g. Classic DMM innovation.



Guide Mode



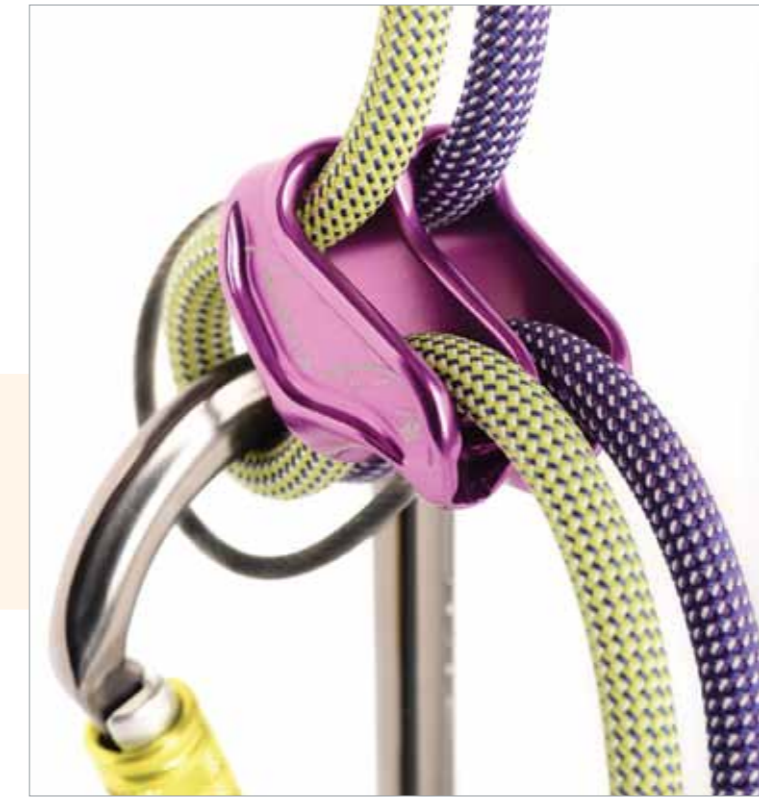
### FEATURES

- > Multi-use lightweight belay device
- > Pivot ensures easy rope control, especially when lowering in guide mode
- > Suitable for ropes from 7.5mm to 11mm. Optimised for 8mm to 10.5mm
- > Only 72g
- > 3 colourways (Red/BLT, Green/BLT, Blue/BLT)
- > Recommended with the Rhino for smooth action in guide mode

## Mantis

TECH SPECS: PAGE 128

The classic belay device made better. Using the same high performance internal geometry as the Pivot, the Mantis is an incredibly lightweight belay device for use with either single or half ropes in situations where direct belaying is not required; perfect for the climbing wall and general cragging. The carefully sculptured rope grooves offer a greater grip on ropes from 7.5mm to 11m, the rope slots allow easy loading, and the rear of the device ensures adequate lift-off for snag-free paying out. If you are after a lightweight, high performance all-rounder, then the Mantis fits the bill perfectly.



### FEATURES

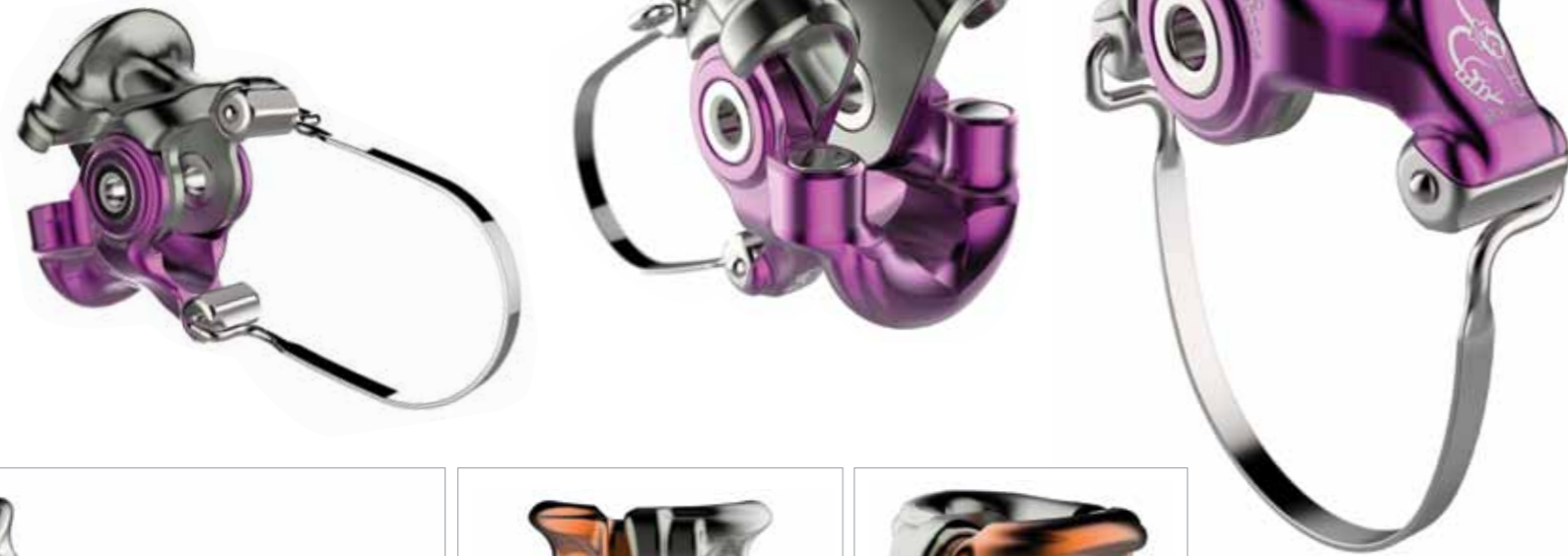
- > High performance belay device
- > Two friction modes for varying applications
- > Super lightweight at 45g
- > Compatible with ropes from 7.5mm to 11mm
- > Three colourways (BLT, Orange, Purple)



## Grip

TECH SPECS: PAGE 128

With so many climbers utilising a single rope, whether down at the wall, bolt clipping on sport climbs, or easier grade trad climbs, DMM wanted to manufacture a device that increased the chances of catching that fall. Seven years in the making and thousands of falls later, the Grip is ready for Spring 2015. A concept brought to us and developed in conjunction with the talented Tony Christianson. A concept intended to increase levels of safety that included springs, magnets, and a unique split body construction; not your standard belay device. The Grip utilises standard, by the book, belaying technique, but then the mechanics kick in - the increased holding power is startling, the catch secure, and the rope control supreme. Whether you are a seasoned sport climber, or a novice belayer, the Grip will inspire confident and safe belaying.



### FEATURES

- > Revolutionary, patented single rope belay device
- > Hugely increased holding power and rope control
- > Compatible with single ropes from 8.6mm to 11mm
- > High levels of safety
- > No need for a new belay technique

## Bug

TECH SPECS: PAGE 128

The timeless DMM belay device. The Bug has proven popular with everyone from debutant climbers, through to heavy duty commercial users. A simple, elegant design that minimises the chances of mis-threading, provides consistent rope handling across a wide range of climbing ropes, and a dependable catch when the plummet comes.



### FEATURES

- > An ideal entry level/commercial use belay plate
- > Suitable for rope 9mm to 11mm
- > Dependable and durable
- > 83 g

## Bugette

TECH SPECS: PAGE 128

With the success of the Bug, we knew we were on to something: functional simplicity. For the modern wave of skinny half ropes, we wanted to increase the holding power of the bug and fulfil the requirements of the super lightweight climber. The result: a stripped down, high performance belay device suitable for ropes from 7.5mm to 9.5mm that weighs just 27g. The epitome of less is more.



### FEATURES

- > Ultra-light belay plate for when every gram counts
- > Increased holding power on skinny ropes (7.5mm to 9.5mm)
- > 27g



## Anka

TECH SPECS: PAGE 128

In applications where heavy use is likely, the Anka is the perfect abseil device. Constant abseiling is tough not only on the device, but also on the rope and harness used. The large surface area dissipates heat more effectively than a standard eight, reducing the chances of rope glazing, whilst the clever 90° offset ensures perfect alignment of the system with the harness meaning less belay loop twisting. The key feature is the pronounced wings which really come into their own with inexperienced abseilers (think group use). The wings minimise the chance of an accidental 'lock-up', meaning smoother descents and fewer rescues.



### FEATURES

- > The first choice abseil device for intensive use
- > Sculpted wings minimise accidental lock up
- > 90° offset ensures correct loading
- > Highly efficient heat dissipation
- > 169g

## Cardiac Arrestor

TECH SPECS: PAGE 128

The classic Figure of 8 had little in the way of variable friction. The Cardiac Arrestor provides two smooth, controlled friction options: in one configuration it is ideal for use with thick 11mm static ropes, no matter how grimy they may have become. Flip it around 180°, and the Cardiac Arrestor copes admirably with slicker, skinnier cords. Whichever way it is used, smooth rope control comes as standard.



### FEATURES

- > The classic Figure 8 design refined
- > Two levels of friction possible
- > 133g

## Figure of Eight

TECH SPECS: PAGE 128

The classic Figure of 8 but manufactured to DMM's high standards. The simple, functional device needs no introduction: It has been used in climbing circles for decades. An ideal abseil specific device at a very attractive price.



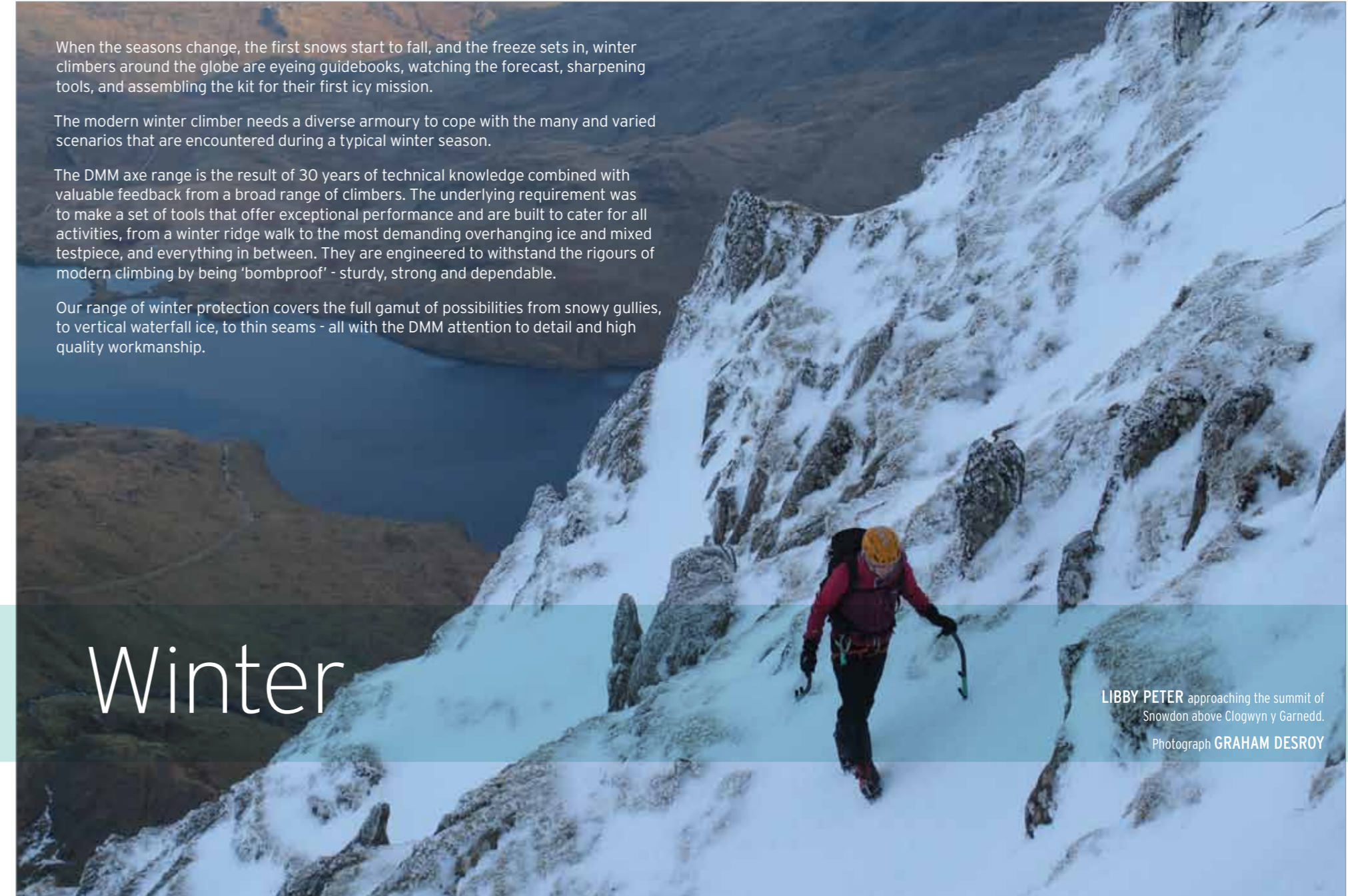
### FEATURES

- > The classic abseil device
- > High quality aluminium plus in-house heat treatment for high levels of durability
- > 116g



CHRISTIANE HUPE on the arete of Duen i Hatten (7b) as the morning sun begins to warm the granite, Moseløkken Stenbrud, Bornholm.

Photograph RAY WOOD



# Winter

LIBBY PETER approaching the summit of Snowdon above Clogwyn y Garnedd.

Photograph GRAHAM DESROY



## Switch

TECH SPECS: PAGE 129

Setting new standards for technical climbing in any terrain - ice, mixed or alpine.

A true, leashless all-rounder! If swinging around on a marginal pick placement with both hands matched, gunning for the next sketchy hook is your thing, then look no further, likewise, if quick enchainments in the Alps or psychedelically featured Continental ice float your boat then this is the tool for you. The Switch is DMM's new 'state of the art' full strength leashless tool that takes all of our design heritage and manufacturing knowledge and brings them together as a modern classic.



Grip tape



Hammer version



### FEATURES

- > Glove friendly, Hot Forged ergonomic handle with full strength upper and lower rests and supreme stability
- > T Rated Integrity Construction
- > Full strength clip-in point accessible from either rest
- > High clearance shaft
- > Inboard eyelet allows threading of cord for use with freedom leashes
- > Pick weights for bullet hard ice and customised balance
- > Supplied with grip tape for handle/shaft customisation
- > Supplied with T Rated Ice picks as standard

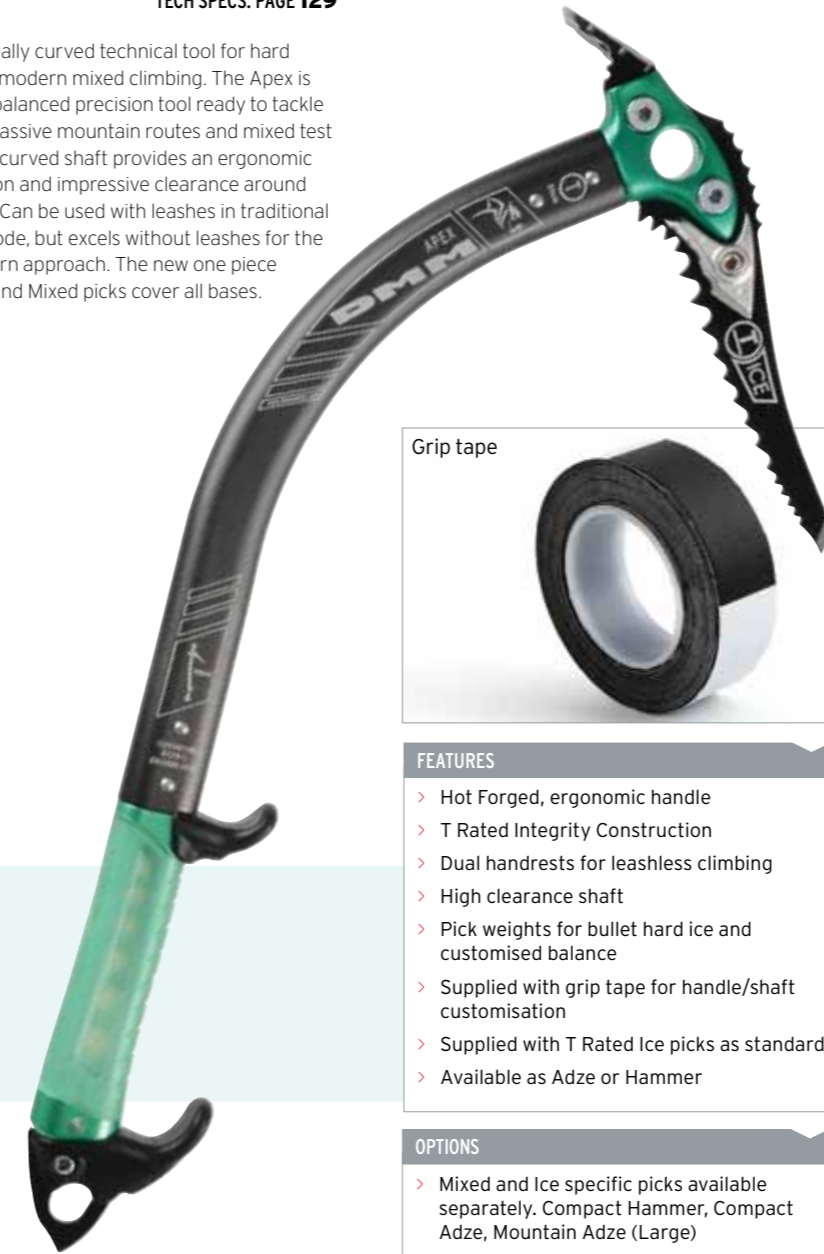
### OPTIONS

- > Mixed and Ice specific picks available separately. Compact Hammer, Compact Adze, Mountain Adze (Large)

## Apex

TECH SPECS: PAGE 129

A new, radically curved technical tool for hard icefalls and modern mixed climbing. The Apex is a superbly balanced precision tool ready to tackle steep ice, massive mountain routes and mixed test pieces. The curved shaft provides an ergonomic hand position and impressive clearance around bulging ice. Can be used with leashes in traditional climbing mode, but excels without leashes for the more modern approach. The new one piece T rated Ice and Mixed picks cover all bases.



Grip tape



### FEATURES

- > Hot Forged, ergonomic handle
- > T Rated Integrity Construction
- > Dual handrests for leashless climbing
- > High clearance shaft
- > Pick weights for bullet hard ice and customised balance
- > Supplied with grip tape for handle/shaft customisation
- > Supplied with T Rated Ice picks as standard
- > Available as Adze or Hammer

### OPTIONS

- > Mixed and Ice specific picks available separately. Compact Hammer, Compact Adze, Mountain Adze (Large)
- > Freedom Leash available separately

## Fly

TECH SPECS: PAGE 129

Tried and tested the world over, our go anywhere, do anything, classic winter tool is even better. The original Fly has been used on the first ascents of challenging lines throughout the world for the last two decades. With this latest evolution we've updated the tools with modern climbing in mind; an improved handle, an improved pick set, a lower hand rest as standard and the option to add on an upper rest for leashless climbing.



Optional upper rest



### FEATURES

- > Hot Forged, ergonomic handle
- > T Rated Integrity Construction
- > Bottom hand rest for optimum support
- > Available as Adze or Hammer

### OPTIONS

- > Can be fitted with the Raptor pick sets for less technical terrain
- > Optional add-on upper rest enables matching and leashless climbing



## Raptor

TECH SPECS: PAGE 129

A versatile tool for mountaineering, winter walking and classic climbs.

Developed in conjunction with guides and mountaineering instructors, the Raptor is a classic tool that is built to last. The aggressive alpine picks deal easily with steep couloirs, ridges, glacier work and yet are still effective at self-arrests. The full size hammer and adze can cope with everything from cutting steps to chopping ledges, from bashing pegs to digging out belays. The gently curved shaft allows extra clearance whilst swinging and daggering, yet does not hinder hammering, step cutting, or plunging the tools.



Raptor with Fly pick

### FEATURES

- > Hot Forged, ergonomic handle
- > T Rated Integrity Construction

### OPTIONS

- > 50 and 55cm Adze and Hammer versions available
- > Can be fitted with the Fly pick sets for more technical terrain
- > Supplied with Choke Hold Leash

## Cirque

TECH SPECS: PAGE 129

DMM's classic walking and mountaineering axe.

Our popular workhorse walking and mountaineering axe is now even sleeker and stronger. The new handle provides superb grip and the fully T-rated pick and shaft provides ultimate security in self-arrest and belay building. Now also available in a hammer option for when the going gets steeper and two axes are required. A perfect pairing for lightweight semi technical mountaineering.



Hammer version

### FEATURES

- > Hot Forged, ergonomic handle
- > T Rated Integrity Construction
- > Supplied with DMM Standard Leash

### OPTIONS

- > Adze (50, 55, 60 and 65cm) and Hammer (50cm) versions available

## Ice Axe Spares

TECH SPECS: PAGE 129

We still hold parts for both current and discontinued axes, although as we make them in batches sometimes we may be out of certain items from time to time. The spares include bolts, picks, hammers, adze and grips.

See the tech specs table on page 129 for details.



NICK BULLOCK on the Stanley Headwall, Nemesis W16, Canada.

Photograph GREG BOSWELL



## Freedom Leash

TECH SPECS: PAGE 129

Enjoy the benefits and freedom of leashless climbing without the risk of losing your tools. Perfect for both beginner and advanced climbers tackling long committing routes and all round winter climbing.

The small loop half way down the leash is for emergency self-rescue. It allows the climber to attach a carabiner and pull back up to the axes if they lose their grip and fall into space whilst the axes stay buried in the ice – pulling up the leash without this would be pretty hard especially with thick gloves on.

NB: This item is purely intended as a leash to prevent dropping your tools - At no point must it be relied upon to provide security e.g for use in a belay.



### OPTIONS

- > Available on its own or with 2 x Phantoms (Red+Green)

## Standard Leash

TECH SPECS: PAGE 129

A simple but very effective leash design suitable for a wide range of axes.



## Choke Hold Leash

TECH SPECS: PAGE 129

A well designed and comfortable leash. Easy to use, even with full winter gloves or mitts.



## Grippy Grip Tape

TECH SPECS: PAGE 129

Perfect for keeping your tool in your hand for that bit longer, also adding insulation from the cold on those technical mixed routes where hot aches are only a matter of time. Customise any axe in our range, by wrapping this round the shaft, increasing the hand position options for any sort of winter excursion.



## Bulldog

TECH SPECS: PAGE 129

Winter climbing protection is often about making the best of what's available. In an ideal world, this would be ice screws in bullet hard ice and 'bomber' rock protection throughout. However, our winter world is far from ideal and so inventive use of our Bulldog has been crucial in offering protection in frozen turf, thin icy cracks and marginal ice smears for over a decade. Our new, updated Bulldog keeps its versatility, but it's lighter, easier to place and easier to remove than its predecessor.



### FEATURES

- > Improved hammering area for speedy placements
- > Positive removal fin
- > Lightning holes trim weight and help extraction
- > Extendable 11mm Dyneema sling
- > Rated to 15kN

## Terrier

TECH SPECS: PAGE 129

A reliable companion through thin and testing times. The Terrier is a perfect addition to the winter climber's rack. Micro-constrictions, thin-seams, and turfy blobs can provide an oasis of security in a desert of winter madness.



### FEATURES

- > Positive removal fin
- > Lightning holes trim weight and help extraction
- > Extendable 11mm Dyneema sling
- > Rated to 15kN

## Deadman

TECH SPECS: PAGE 129

Decent belays in classic snow gullies can be hard to find. Sometimes on a big open snow slope there will be no other possible options beyond burying your axes, and that won't work very well unless the snow is hard.

The Deadman gives you an element of security in some of the most insecure places. Make sure you've got one clipped to the back of your harness the next time you head out winter climbing.



### FEATURES

- > Snow protection device
- > Lightweight design
- > Stainless steel striker plate
- > 4mm galvanised wire
- > Epoxy powder coated for durability

## Revolution Ice Screw

TECH SPECS: PAGE 129

Pumping out on a blue sheet of ice the last thing you need is a screw that won't bite or wind in easily. That's why DMM put a lot research and knowledge into designing the Revolution screws and even more effort went into getting these ideals transferred to production.

It is not easy to build a good screw; you need very high quality nickel chrome steel for the tube, the outside teeth need to be precision ground so that they both pull in the tube efficiently and hold it firmly when under load.

The tube also needs to be heat treated so that it offers a perfect balance of hardness and ductility and the inside of the tube needs to be honed to a mirror finish to minimise any frictional resistance when it is being wound into the ice.



### FEATURES

- > State of the art ice screw
- > Available in 13cm and 17cm lengths
- > Hot Forged head unit colour coded to indicate size





ALEXANDRA SCHWEIKART ice climbing in Davos, Sertig Valley, Switzerland.

Photograph CHRISTOPHER IGEL

## Anti-Balling Plates

TECH SPECS: PAGE 129

Our Anti-Balling Plates, are still available for you to keep your trusted DMM crampons safe on the snow for the future seasons. These tough rubber plates securely attach to the underside of the Terminator crampon, stopping the treacherous sticky snow from balling up under foot, keeping each step safe.



## Crampon Spares

TECH SPECS: PAGE 129

Desperately kicking your front points into snow covered rock, as we do, means that at some stage you're going to wear out your front points. These will fit the Terminator model only.



DMM have developed a range of rope management tools and devices which offer customers a solution when faced with difficult and complex situations.

Tree work sites can be demanding places: work at height within complex 3D structures, heavy rigging with impact loads and exposure to the elements. Arborists need to be strong and ingenious to be productive, just like their kit!

DMM continue to develop their product range to help meet the requirements of this fast moving, hardworking industry. Working in close cooperation with industry partners Treemagineers Ltd, we have brought new concepts and advances in product performance to tree care, by focusing on the best of design, top quality materials and ground-breaking manufacturing techniques.



# Arborism, Rescue & Rigging

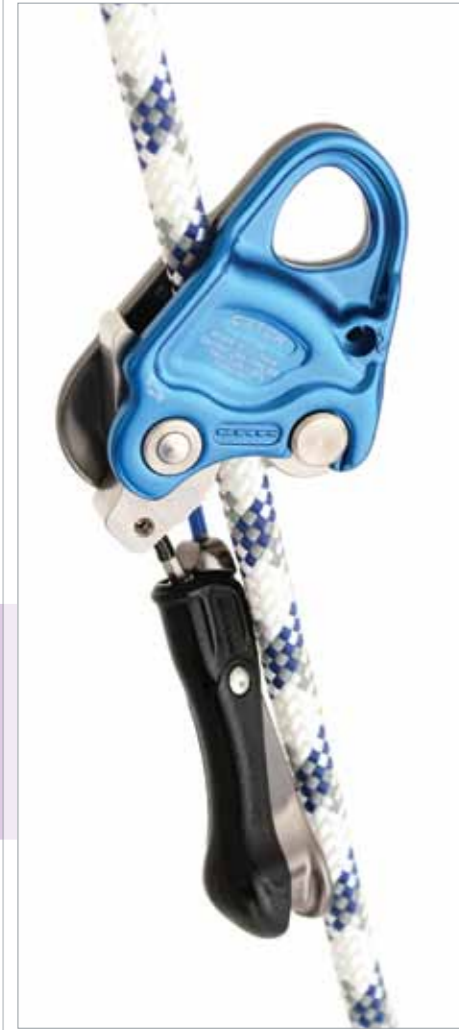


## Catch

TECH SPECS: PAGE 130

The Catch is a towable rope adjustment device conforming to EN 12841:2006 Type A/B. The Catch features a non-aggressive stainless steel cam which is spring loaded allowing it to be positioned on the rope while the user is working.

The patent pending Towable Release Mechanism allows the user to tow the device while simultaneously descending.



### FEATURES

- > Device can be towed whilst descending
- > Features Towable Release Mechanism (Patent Pending)
- > Screw lockable for semi-permanent attachment to rope
- > Large attachment eye for multiple connections

## Buddy 100

TECH SPECS: PAGE 130

The Buddy 100 is a hands-free trailing fall arrest device that will follow you up and down the rope with minimum user-intervention. Minimalist design makes inspection and installation simple, whilst top-quality materials increase durability with minimum weight penalty.



### FEATURES

- > Fall arrest device conforming to EN 353-2:2002
- > Free following for protection both and up and down a safety line
- > Suitable for ropes 10.5mm to 11mm
- > Rated for single person loading

## Buddy 200

TECH SPECS: PAGE 130

The Buddy 200 is a hands-free trailing fall arrest device that will follow the user up and down the rope with minimum user-intervention. Minimalist design makes inspection and installation simple, whilst top-quality materials increase durability with minimum weight penalty.



### FEATURES

- > Fall arrest device conforming to EN 353-2:2002 and ANSI Z359.12(2009)
- > Free following for protection both and up and down a safety line
- > Suitable for ropes of 11mm to 12mm
- > Rated for single person loading

## RPM Shackles

TECH SPECS: PAGE 130

This revolutionary pulley/Prusik-minding modular structure is a high strength and torsion-resistant building block used within rescue and rigging operations.



### FEATURES

- > Modular: Cartridges can be easily exchanged to reconfigure shackles for a wide range of uses
- > Compact: short components with a handy friction cord that provides reliable grab function and lowering ability
- > Positive locking pins: facilitate speedy connection/disconnection of friction hitch cord

## Axis Swivels

TECH SPECS: PAGE 130

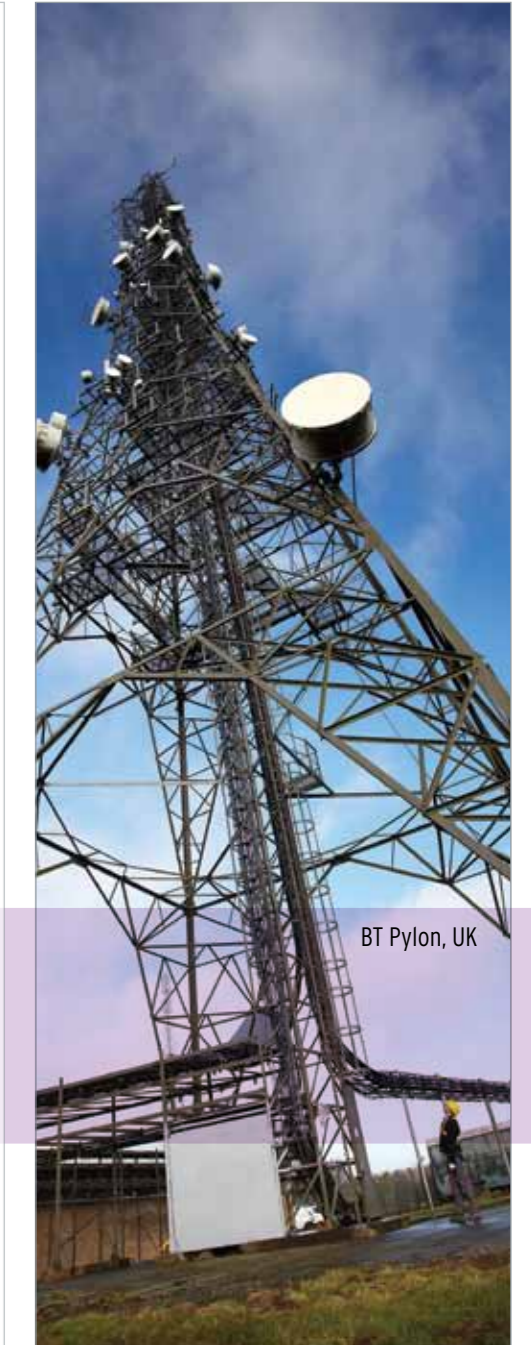
The DMM Axis Swivel is a step up from the norm. Designed to be compact, strong and incredibly smooth.

The smooth bearings, textile friendly surfaces and high strength of the Axis Swivel ensures efficiency within lifting systems. The carefully designed attachment holes offer the possibility of multiple configurations.



### FEATURES

- > 2 sizes to suit all rigging situations
- > Large apertures for multiple attachment and multi-directional loading options
- > Large high quality bearings for maximum smoothness and durability
- > High strength to weight ratio



BT Pylon, UK

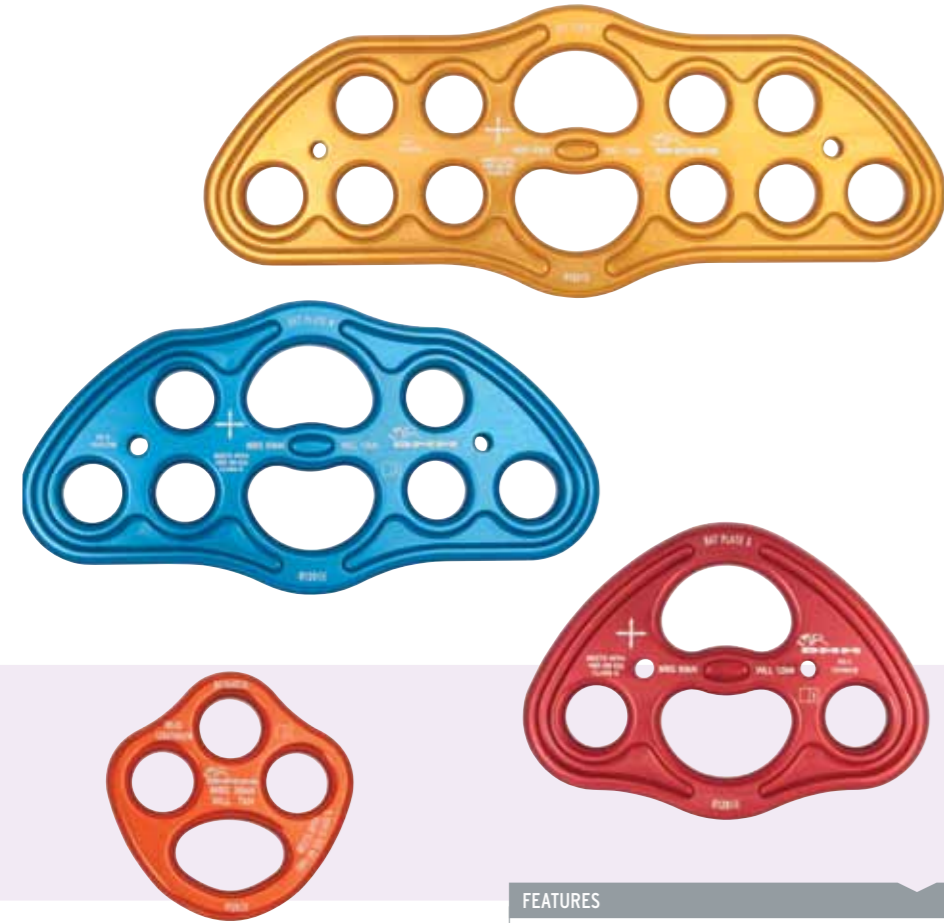


## Bat Plates

TECH SPECS: PAGE 130

Developed with professionals in the rescue industry, DMM's range of rigging plates integrates design, performance and strength. CNC machined from aluminium alloy which is then heat treated to make DMM's Bat Plates super strong, surprisingly light and incredibly versatile.

The 'Bat' shape minimises height loss in complex rigging scenarios, while generous radii allow direct attachment of textiles, ropes and connectors.



### FEATURES

- > 4 sizes for all rigging situations
- > 19mm holes (13mm on xs) for connector compatibility
- > 'Textile friendly' surfaces with large radii
- > High strength to weight ratio

## Triple Attachment Pulley

TECH SPECS: PAGE 130

The Triple Attachment Pulley combines the high efficiency of our pulleys with a small three hole rigging plate to give an extremely versatile piece of equipment. It can obviously be used as a standard pulley, but the additional holes allow it to be guided or controlled without adding any complication into the system.



### FEATURES

- > Recommended for arborist and rescue applications
- > Rope and textile friendly edges allow direct attachment
- > Pre lubricated Oilite bushing for ultra-smooth operation
- > Available in Red or Titanium

## Triple Attachment Rapide Pulley

TECH SPECS: PAGE 130

The Triple Attachment Rapide Pulley is an even more efficient version of our popular Triple Attachment Pulley. It combines a small three hole rigging plate with a pulley as before, but the pulley spins on a high efficiency roller bearing making it even smoother and therefore much more efficient in a full range of applications. It can obviously be used as a standard pulley, but the additional holes allow it to be guided or controlled without adding any complication into the system.



### FEATURES

- > Recommended for arborist and rescue applications
- > Rope and textile friendly edges allow direct attachment
- > High efficiency roller bearing for ultra-smooth operation

## Pinto Pulley

TECH SPECS: PAGE 130

With hardly a straight line in sight, the Hot Forged curves and fairlead flares of our Pinto Pulley make for an ultra-efficient, textile friendly environment.

Clip, hitch, splice or thread the anchor holes or the becket to give numerous work and rescue configurations.



### FEATURES

- > Recommended for arborist, rescue, hauling and many applications where friction reduction is required
- > Pre lubricated Oilite bushing for smooth operation and minimal maintenance
- > Spacers available to support the anchor holes when textile connecting elements compress the side plates
- > Rope diameter <14mm

## Pinto Rig Pulley

TECH SPECS: PAGE 130

Slightly larger than the Pinto and accommodating a larger rope diameter, the Pinto Rig also has a high efficiency roller bearing giving ultra-smooth operation.



### FEATURES

- > Recommended for arborist, rescue, hauling and many applications where friction reduction is required
- > High efficiency roller bearing for ultra-smooth operation
- > Spacers available to support the anchor holes when textile connecting elements compress the side plates
- > Rope diameter <16mm

## Pinto Spacers

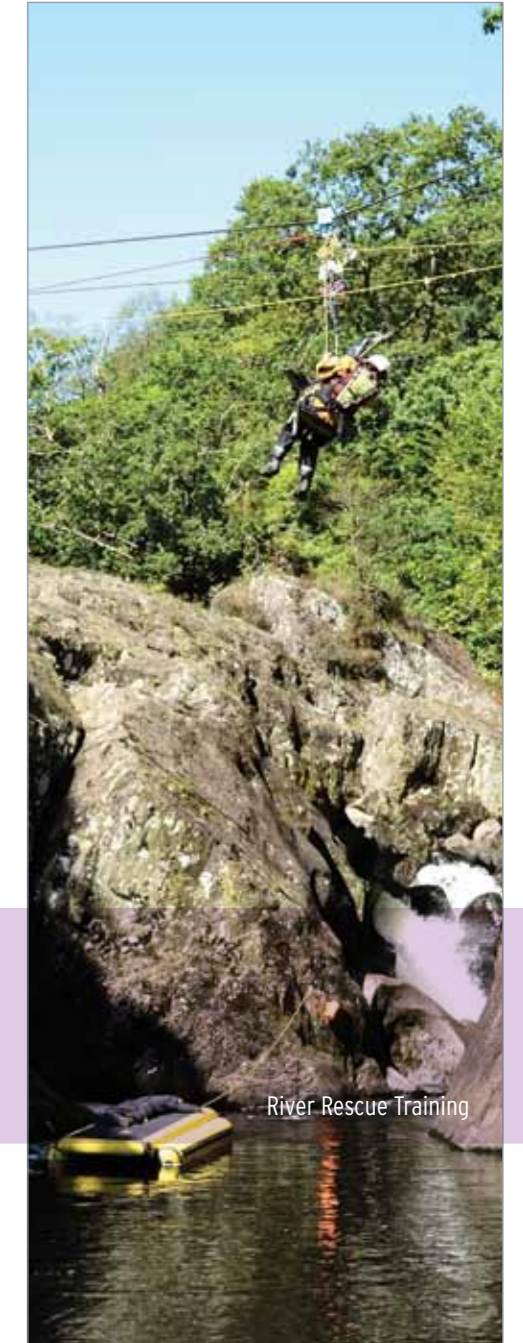
TECH SPECS: PAGE 130

An essential component for Pinto and Pinto Rig applications where textile connecting elements tend to compress the side plates.



### FEATURES

- > Hole diameters 15mm
- > Two widths: 12mm and 14mm



River Rescue Training





**EMMA TWYFORD** close but not close enough, to finishing Strawberries (E6 6b), Craig Bwlch y Moch, Tremadog.

Photograph **RAY WOOD**



Climbing harnesses are wonderful things that are expected to truly multi-task for the climber. You want to feel like they are not there - freedom of movement, softness, and breathability as standard. The next moment, they are required to be a comfortable seat - supportive, plush, and sculpted. Whilst all that is going on, they are the carrier of the valuable rack - organised, strong, with good load distribution. When everything has gone wrong, and you are plummeting earthwards, they are part of the safety chain that prevents the crater... and when the day is done, it needs to be lightweight and packable.

All of the DMM harnesses will prevent the 'crater' but as you can see, the demands list is a big ask! As a result, each harness model includes safety as standard. The rest of the features are a carefully blended balance of the criteria above to make each one a top performer for its chosen task. Be it multi day big walls, the big redpoint, lightweight mountaineering, or intensive group use, the DMM harness range has an offering to suit the discerning user.

# Harnesses



## Harnesses



### Comfort

The refined shaping and sizing, teamed with carefully selected combinations of face fabrics, foams, and webbings, provides the correct balance of support and flexibility to ensure unhindered climbing and comfortable belays.



### Winter Racking

On certain harnesses, we have added Hypalon racking patches to allow the attachment of ice screw holders for true all season versatility.



### Floating Waist

The DMM trademark floating waist belt allows the climber to centre the racking no matter how many clothing layers are added or removed, making your rack set up balanced every time.



### Buckles

We offer a variety of secure buckle options on our harnesses. Each buckle type is designed to function flawlessly with its partnered webbing to ensure quick, safe and secure operation. Slide Locks are great for recreational climbing due to their rapid operation. The classic thread back still has its fans amongst the climbing community and is very popular in group work scenarios due to the easy inspection check. ABS is a highly secure Slide Lock that performs flawlessly in climbing and Outdoor Centres.



### Racking

Our seven gear loop harnesses caters for the mammoth racks demanded on long trad pitches where the ability to carry and organise the gear effectively is essential.

For less gear intensive climbs; sport climbing, at the wall, or single pitch, the four gear loop option will carry all the gear you require.

## Harness Range

### Trad/All-rounder

Fully adjustable do-it-all harness with options on, racking and male/female specific designs.



Renegade



Puma



Viper



Vixen

### Sport/Lightweight

New for 2015, our lightest sport focused harness that is also capable of trad/winter in true DMM style.



Mithril



Venture



Maverick



Vertesse

### Child/Centre

A full range of webbing adjustable kids, robust centre and ski touring harnesses.



Tomcat



Tom Kitten



Centre Alpine



Brenin



Chest



Super Couloir



Bandolier



## Maverick 2

TECH SPECS: PAGE 131

We were probably ahead of the curve with our original Maverick, a harness designed for sport climbing. Gone are the days when a fixed leg harness was for the elite few. Many climbers across all levels now appreciate the simplicity and comfort of a fixed leg harness. With carefully calculated increments across four sizes, the Maverick 2 is the perfect companion for hard moves, a 'feel like it's not there' sensation without the 'cheese wire' feeling that spoils your day. Our lightest padded harness is perfect down at the wall, on a project, or when every gram counts.



### FEATURES

- > Lightweight, fixed leg padded harness designed for gym, sport, and weight conscious trad
- > Four shaped gear loops and rear essential loops for belay device and bail kit
- > Winter racking capability
- > Four sizes: S, M, L, XL

## Mithril

TECH SPECS: PAGE 131

The Mithril is the perfect lightweight all-rounder. Sharing the same lightweight construction as the Maverick 2, but the addition of adjustable legs opens up the possibilities to use this harness all year round. In the depths of winter it will be seen at the wall and on the plastered winter crags and cascades when the temperature plummets. When spring arrives and summer follows, the Mithril will deal effectively with trad and sport, single and multi-pitch, and do it exceptionally well. A true lightweight all season harness.



### FEATURES

- > Lightweight, fully adjustable harness for all climbing activities in all seasons
- > Four shaped gear loops and rear essential loops for belay device and bail kit
- > Winter racking capability
- > Three sizes: S, M, L

## Vertesse

TECH SPECS: PAGE 131

The Vertesse is the perfect companion for hard moves, a 'feel like it's not there' sensation, but without the 'cheese wire' feeling that spoils your day. Our lightest padded harness is perfect down at the wall, on a project, or when every gram counts. Carefully designed for the female form, the Vertesse is the perfect partner for your climbing adventures if lightweight performance is your number one priority.



### FEATURES

- > Women's specific sizing
- > Lightweight, fixed leg padded harness designed for gym, sport, and weight conscious trad
- > Four shaped gear loops and rear essential loops for belay device and bail kit
- > Winter racking capability
- > Four sizes: XS, S, M, L

## Venture

TECH SPECS: PAGE 131

A true multi-tasker. No matter where you are, be that pushing out laps at the wall, committing to the run out on that dream route, or dealing with that winter nemesis, this harness is an ideal companion for all seasons. The Venture features a lightweight and comfortable construction, tailored to a women's specific fit to ensure that you can concentrate on the moves.



### FEATURES

- > Women's specific sizing
- > Lightweight, fully adjustable harness for all climbing activities in all seasons
- > Four shaped gear loops and rear essential loops for belay device and bail kit
- > Winter racking capability
- > Four sizes: XS, S, M, L



## Renegade 2 TECH SPECS: PAGE 131

Our benchmark all-rounder: supportive, massive amounts of racking, a true trad harness suitable for everything from single pitch headpoints, to extended forays onto multi-pitch, multi day adventures. The clever floating waist allows for changing layers and ensures centralised racking at all times.



Renegade 2 Pro with threadback buckles



### FEATURES

- > The top of the range all-rounder with 7 gear loops
- > Slide Lock buckles for rapid tightening and adjustments
- > Floating waist for size tolerance and perfect racking
- > Three sizes: S, M, L
- > 415g (Medium)
- > Renegade Pro 2 version with threadback buckles available

## Viper 2 TECH SPECS: PAGE 131

If you take the Renegade 2 and simplify the construction you get the Viper 2: Fantastic value for money, a touch more flexible, and with 4 gear loops plus a central rear racking loop, the Viper 2 is just as at home at the wall as it is on your local crag. The floating waist is still present and is as popular as ever. An incredible entry-level rock climbing harness.

Available as part of the Viper 2 Pack.



### FEATURES

- > General purpose, fully adjustable rock climbing harness
- > Ideal first harness
- > Four gear loops and rear essentials loop
- > Three sizes: S,M,L
- > 400g (Medium)
- > Available as part of the Viper 2 Pack (also includes a belay device, belay carabiner, chalk bag and chalk ball)

## Puma 2 TECH SPECS: PAGE 131

With women's specific sizing, the Puma 2 is our benchmark all-rounder: supportive, massive amounts of racking, and comfortable - a true trad harness suitable for everything from single pitch headpoints, to extended forays onto multi-pitch, multi day adventures. The clever floating waist allows for changing layers and ensures centralised racking at all times.



### FEATURES

- > The top of the range all-rounder with seven gear loops (five on XS & S)
- > Women's specific fit
- > Slide lock buckles for rapid tightening and adjustments
- > Floating waist for size tolerance and perfect racking
- > Four sizes: XS, S, M, L
- > 370g (Small)

## Vixen TECH SPECS: PAGE 131

Sharing the same sizing as the Puma 2, but with a simplified construction, the Vixen is the perfect entry level harness for nipping down the wall, ticking the ticklist on the crag, and sending that project. The floating waist allows for changing layers and ensures centralised racking at all times.

Available as part of the Vixen Pack.



### FEATURES

- > General purpose, fully adjustable, rock climbing harness
- > Women's specific fit
- > Ideal first harness
- > Four gear loops + rear essentials loop
- > Four sizes XS,S,M,L
- > 360g (Small)
- > Available as part of the Vixen Pack (also includes a belay device, belay carabiner, chalk bag and chalk ball)



## Tom Kitten

TECH SPECS: PAGE 131

A full body harness makes sense with smaller children as it gives an added degree of security and safety in fall situations. The higher tie in point reduces the chance of inversion. The shoulder straps also eliminate the possibility of the child sliding out of the harness.

A kid's harness must give a comfortable fit over a large range of body shapes and sizes. We spent a lot of time tweaking the Tom Kitten to make sure that we got this just right. We even fitted it with padded floating leg loops which can be moved into the optimum position for comfort, regardless of the size of the child.



### FEATURES

- > Children's full body harness
- > Slide Lock buckle system to give a secure fit with stacks of adjustment potential
- > Padded floating leg loops
- > Colour coded tie in loops
- > Gear loop
- > Suitable for children up to 40kg
- > 330g

## Tomcat

TECH SPECS: PAGE 131

This neat little harness has virtually all the same features as the top of the range Renegade. This means the same floating waist system, ensuring a comfortable fit and correct positioning of the gear loops. It also means the same rounded off, low profile buckles, with a huge amount of adjustment - the latter point being especially useful given the alarming speed that kids grow.



### FEATURES

- > Children's fully featured adjustable leg padded sit harness
- > Floating waist design
- > Internal lumbar support
- > Adjustable leg loops use a Slide Lock buckle system to give a secure fit with stacks of adjustment potential
- > 385g

## Super Couloir

TECH SPECS: PAGE 131

The Super Couloir is designed for ice climbing, alpine climbing, mountaineering and ski touring. It's light, easy to put on (even when wearing crampons, skis or snowshoes) and has plenty of racking for gear and screws. The 'diaper' pull through leg loops design allows you to put it on without undoing any buckles (a task especially difficult with gloves on) or stepping into the leg loops.



### FEATURES

- > Full specification alpine harness
- > Low weight (350g for Medium) and minimal pack size
- > Twin hypalon ice screw racking strips
- > Five gear loops

## Brenin

TECH SPECS: PAGE 131

The Brenin is a centre use take on a traditional sit harness. Ideal in situations where a classic belay loop/tie in set up is preferable. A huge size range, and ABS buckles combine to make this an ever popular workhorse.



### FEATURES

- > Auto Buckle System (ABS) - a totally captive, rapid and safe buckle system
- > Yellow colour coded 20mm belay loop
- > Red colour coded right leg loop for ease of fitting
- > Single sliding gear loop
- > Available in Regular and X-Large



## Alpine

TECH SPECS: PAGE 131

This is the original and highly acclaimed centre harness. It has a simple, robust design with thread back buckles and a huge range of fit. The central tie-in point has a high position, making it easy to use and also reducing the chance of inversion, should the wearer part company with the rock.



### FEATURES

- > Colour coded high tie in point
- > Red colour coded right leg loop for ease of fitting
- > Colour coded thread back buckles
- > Available in Regular, X-Large, and XXLarge

## Alpine ABS

TECH SPECS: PAGE 131

This is the classic and ever popular Centre Alpine harness with the addition of our ABS buckles. These buckles allow fast, auto locking fitting and easy removal of the harness once the session has finished.



### FEATURES

- > Auto Buckle System (ABS) - a totally captive, rapid and safe buckle system
- > Colour coded high tie in point
- > Red colour coded right leg loop for ease of fitting
- > Colour coded thread back buckles
- > Available in Regular and X-Large

## Chest Harness

TECH SPECS: PAGE 131

A chest harness is required when inversion is a likelihood due to either the activity or the participant and must be used in conjunction with a sit harness. The DMM chest harness features ABS buckles, durable webbing, and highlighted connection point.



### FEATURES

- > Fully adjustable chest harness
- > Auto Buckle System - a totally captive, rapid and safe buckle system
- > Yellow colour coded tie in points
- > Twin gear loops
- > One size, fully adjustable

## Bridge

TECH SPECS: PAGE 131

To increase the ease, speed and security of using a sit harness plus chest harness combination, DMM have produced the Bridge. This is a special sling that connects both components, providing an obvious high tie-in point for easy attachment.



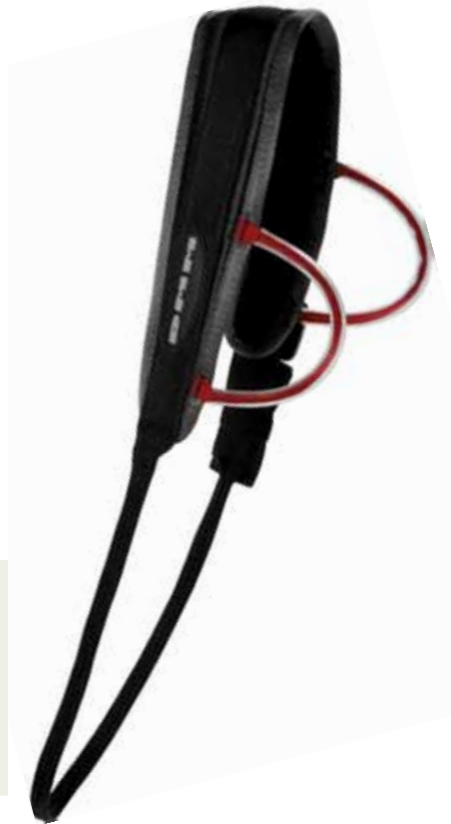
### FEATURES

- > A linkage sling for harness components
- > Two sizes available (Small and Large)

## Bandolier

TECH SPECS: PAGE 131

The Bandolier is both an alternative and a supplement to the conventional harness racking system. Some climbers use them exclusively, while others mix and match, racking gear both on the harness gear loops and the bandolier.







NICK BULLOCK on Hallowe'en Arete (E4/5 6b) Fair Head.

Photograph TIM NEILL



The rope is the heart of the safety system used by climbers to both ascend and descend their chosen objectives. When en-route, trust in the rope is equally as important as faith in your abilities and your partner. The DMM range balances handling, durability, and technical performance across a range of models to suit all applications from top roping down at the wall, to long redpointing projects, to lightweight expeditions.

# Ropes, Cord & Slings



## Ropes, Cords & Slings

### Dynamic Ropes

**Lengths:** DMM half ropes come in 50 or 60m lengths - in general we find that for UK cragging and summer mountaineering 50m is fine and avoids carrying around excess rope. In alpine situations or winter mountaineering 60m is often preferred as it allows more options to extend a pitch to find a belay or in escaping from a route.

The DMM single ropes come in a massive variety of lengths depending on their intended end uses.

The Shorty rope for use indoors in walls or on short outcrops comes in 30 or 40m lengths with the 40m length becoming more popular as walls get bigger and bigger. Our sport ropes come in all lengths between 50 and 80m; 50m for the UK and a minimum of 60m for abroad, although 70m is becoming mandatory in several areas as people get fitter and climbs longer.

Our Statement, Gym and Dynamo ropes are all available in 100, 300 or 700m boxes to be cut to length as required or we can cut and terminate the ropes to custom lengths for you.

**Sheath:** The sheath not only protects the core but also helps define the character of the rope. DMM have chosen to go for a high number of bobbins to give a relatively smooth sheath that combines good abrasion resistance with supple handling. Coarser sheaths tend not to wear as well because the raised strands on the rougher sheath tends to snag more as it flows over the rock. We have balanced this with a sheath percentage that provides plenty of protection, but does not make the rope too stiff or heavy.

**Cores and Impact Forces:** All of our ropes except the Super Big Gym use a twisted core construction to absorb the energy of a fall. The Super Big Gym uses a braided core because this is the only construction that will stand up to repeated top-roping in a wall environment without suffering sheath slippage, kinking, or generally becoming an unmanageable piece of wire; braided core ropes are not cheap, but they last a lot longer than a twisted core in a wall environment.

All of our twisted core ropes try to balance impact force with real life handling; on paper a low impact force is great as it puts less load on the gear in a fall, however this must be balanced with the distance the climber falls and the stability of the rope itself. We have gone for a mid-ground where impact forces are as low as possible without the climber going miles on rope stretch.

**Core Treatment:** All of the DMM dynamic ropes have a heat treatment that we refer to as the 'Core' treatment. This is applied to the finished rope and effectively condenses the structure of the rope giving a more consistent feel and better durability.

**Pro Dry Treatment:** Our Pro series of ropes have a Teflon treatment applied to both the core and the sheath to help give them resistance to water. This has several advantages: the ropes absorb less water in wet conditions and so stay lighter, they don't freeze up as badly in winter and because Teflon has a low coefficient of friction tend to cause less drag on longer pitches.

### Low Stretch (Semi-static) Ropes

DMM have two static ropes that come in a variety of diameters and colours. The Worksafe is a general purpose low stretch rope whilst the Worksafe Plus has a tighter weave for better long term performance and durability.

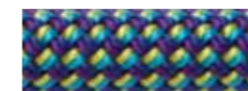


## Ropes Range Single & Half Ropes, Cords & Slings

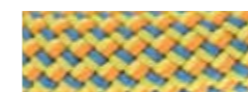
### Pro Single Ropes



New Breed 9.4mm



Prodigy 9.8mm

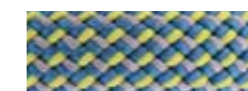


Project 10mm

### Half Ropes

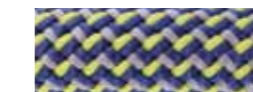


Migrant 8.2mm

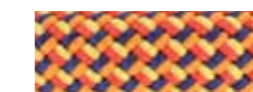


Prophet 8.5mm

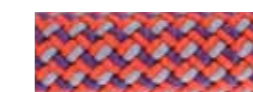
### Core Single Ropes



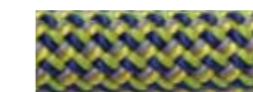
Concept 10mm



Statement 10mm

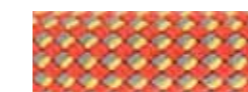


Mission 10.2mm

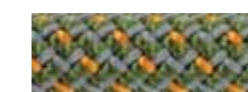


Shorty 10mm

### Wall Single Ropes

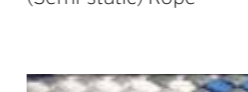


Dynamo 11mm



Super Big Jim 10.5mm

### Low Stretch (Semi-static) Rope



Worksafe 11mm



Worksafe Plus 10.5mm, 10.5mm & 11mm

### Accessory Cord

2mm



3mm



4mm



5mm



6mm



7mm



8mm



Dyneema Daisy Chains

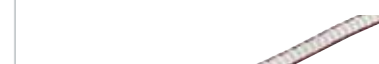


Nylon Daisy Chains



Ripstop

### Slings



Dyneema 8mm



Dyneema 11mm



Nylon 16mm



Nylon 26mm



Nylon Vari-width



## Migrant 8.2mm

TECH SPECS: PAGE 132

Dry treated, light and with low impact forces the Migrant is an ideal half rope for alpine and Winter climbing. The handling characteristics are exceptional - supple and conforming, but with a reassuring firm feel to inspire confidence. The tightly woven sheath helps longevity and also keeps things smooth for belaying, abseiling and clipping.



### FEATURES

- > Lightweight half rope ideal for year round use in the mountains
- > Low impact force for soft catches on marginal gear
- > Smooth sheath reduces drag and helps durability

DIAMETER	WEIGHT	IMPACT FORCE
8.2mm	46g/m	6.3kN

### AVAILABLE IN

- > Green and Purple
- > 50 and 60m lengths

## Prophet 8.5mm

TECH SPECS: PAGE 132

The Prophets are designed to be used in summer or winter on crags and mountains the world over. They are light, durable, and supple when exposed to Mother Nature even at her worst - the Pro dry treatment repels water brilliantly, making them ideal for all-round use; from snowy gullies and damp sea cliffs to alpine faces and even Himalayan peaks.



### FEATURES

- > Ultimate half rope for 4 season use in all weather conditions
- > 'Pro' dry treated for water repellency, resistance to icing up and a longer life
- > Really durable for the diameter whilst still being supple
- > Core balances low impact forces with minimal stretch

DIAMETER	WEIGHT	IMPACT FORCE
8.5mm	49g/m	6.4kN

### AVAILABLE IN

- > Orange and blue
- > 50 and 60m lengths

## New Breed 9.4mm

TECH SPECS: PAGE 132

Our thinnest single rope is ideal for pushing boundaries across all seasons and terrains; everything from red pointing sport routes at your limit to fast alpine ascents. The New Breed is the rope for when weight, handling and performance are critical.



### FEATURES

- > Dry treated high performance single rope for when weight and good handling are key
- > 'Pro' dry treated for year round use, improved life and less drag
- > Ideal for red pointing sport routes especially longer continental routes
- > Ideal for alpine mountaineering where low weight lets you move faster and low impact forces help keep you safe

DIAMETER	WEIGHT	IMPACT FORCE
9.4mm	59g/m	8.8kN

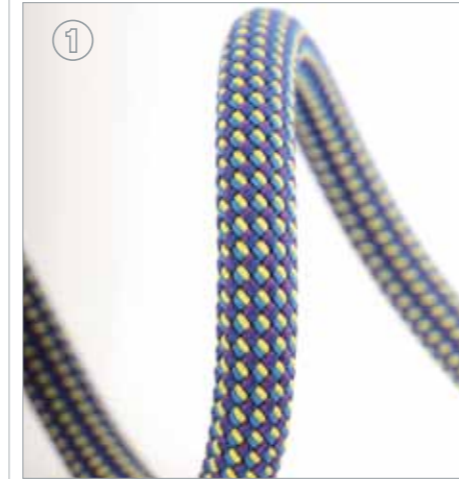
### AVAILABLE IN

- > Orange
- > 50, 60, 70 and 80m lengths

## Prodigy 9.8mm

TECH SPECS: PAGE 132

The modern generation workhorse rope - ideal for sport climbing with an emphasis on performance. The Prodigy absorbs punishment whilst being light enough to let you push technical limits with no compromising in performance. A superb, lightweight single rope that is totally at home on-sighting and red-pointing sport climbs. Dry treated and available in lengths up to 80m.



### FEATURES

- > Lightweight single rope for on-sighting and red point attempts
- > 'Pro' dry treated for year round performance, improved life and lower drag
- > Durable construction with a soft feel that makes handling a pleasure
- > Ideal performance sport climbing rope

DIAMETER	WEIGHT	IMPACT FORCE
9.8mm	61g/m	8.7kN

### AVAILABLE IN

- > Blue
- > 50, 60, 70 and 80m lengths

## Project 10.0mm

TECH SPECS: PAGE 132

Our workhorse sport rope - construction is similar to the Prodigy, but with a bit more bulk for added durability. The Project is a great all rounder that takes the general abuse of working routes and inspires confidence during the inevitable red point. The Pro dry treatment makes it handle extremely well from the word go and it can handle extremes of weather too. The perfect road trip rope.



### FEATURES

- > A superbly versatile, hard wearing single rope for all aspects of climbing
- > 'Pro' dry treated for year round use and improved life
- > Great handling straight from the bag
- > Perfect sport climbing rope for on-sighting, working and red pointing sport routes

DIAMETER	WEIGHT	IMPACT FORCE
10mm	54g/m	8.7kN

### AVAILABLE IN

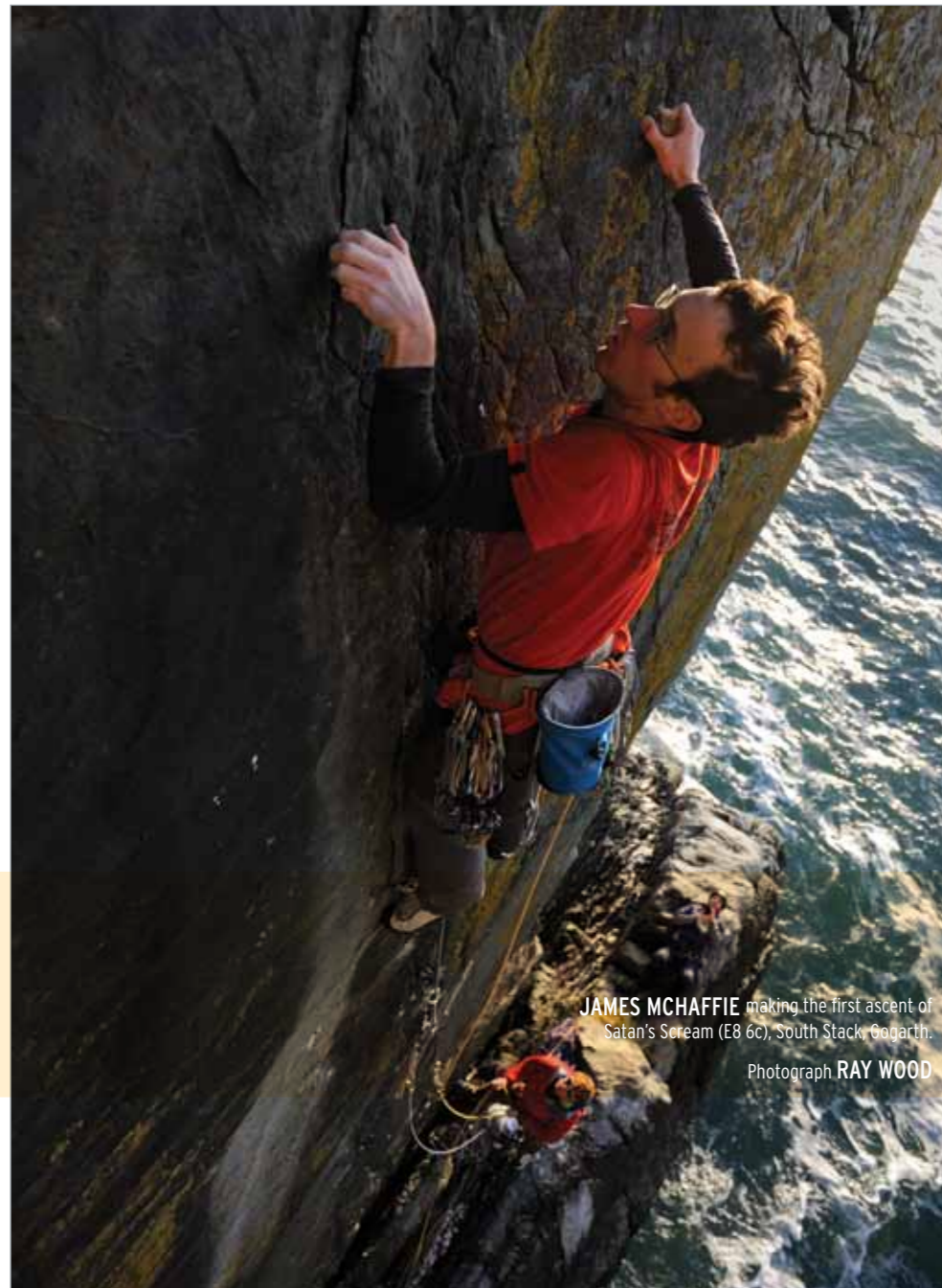
- > Gold
- > 50, 60, 70 and 80m lengths



MICHELLE KIM THEISEN making the most of Bornholm's granite quarrying tradition on Museumsvagen (7c), Moseløkken Stenbrud, Bornholm.

Photograph RAY WOOD





JAMES MCHAFFIE making the first ascent of Satan's Scream (E8 6c), South Stack, Gogarth.

Photograph RAY WOOD

## Concept 10.0mm

TECH SPECS: PAGE 132

A classic climbing rope that offers exceptional durability combined with great handling. One of our favourite ropes because it does so many jobs really well - sport, cragging, top-roping - the Concept is a fantastic all-rounder that just keeps going whilst staying supple and easy to handle.



### FEATURES

- > Superior performance single rope
- > 'Core' heat treatment balances supple handling with durability
- > Ideal for all aspects of rock climbing from sport to cragging

DIAMETER	WEIGHT	IMPACT FORCE
10mm	65g/m	9kN

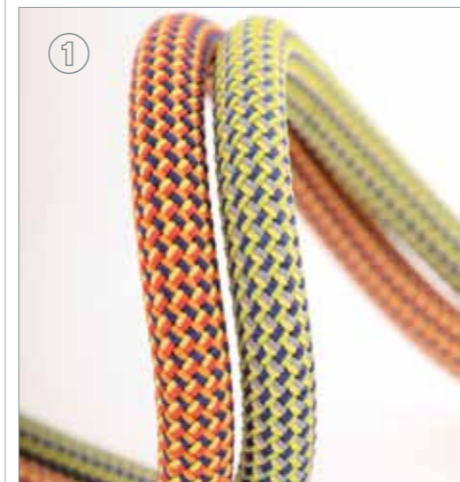
### AVAILABLE IN

- > Blue
- > 50, 60, 70 and 80m lengths

## Statement 10.0mm

TECH SPECS: PAGE 132

The Statement uses the Core post production treatment that is usually only found on more expensive ropes - this makes it supple and user-friendly straight from the bag whilst retaining the durability normally reserved for a stiffer rope. Ideal as either a first time buy or for those looking for excellent value for money. Available in 2 colours and 9 lengths, so no matter what your requirements are, we have a statement for you.



### FEATURES

- > Tough, all-round rope at excellent price points
- > Good balance between handling and durability due to Core heat treatment

DIAMETER	WEIGHT	IMPACT FORCE
10mm	62g/m	8.9kN

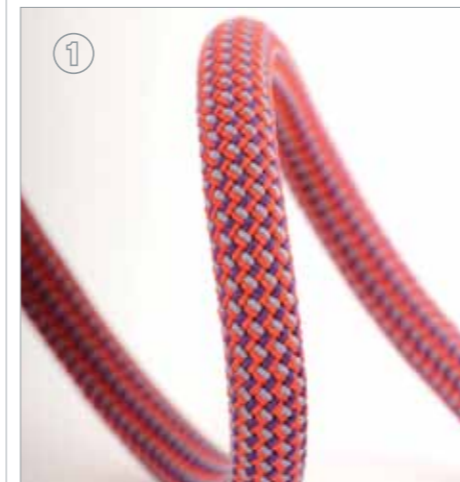
### AVAILABLE IN

- > Green or Copper
- > 50, 60, 70, 100, 300, and 1000m lengths
- > Available cut to length - contact us for more details

## Mission 10.2mm

TECH SPECS: PAGE 132

A tough rope that takes abuse like a heavyweight, but still handles really well. The Mission was to create a rope for group use and outdoor centres that would still function perfectly as a workhorse sport climbing rope. Inspiring confidence, this rope is best suited when absolute safety and longevity are paramount.



### FEATURES

- > Hard wearing single rope with increased safety reserves
- > Core heat treatment improves durability whilst allowing the rope to stay supple
- > Ideal for high wear environments involving heavy use or abrasive rock

DIAMETER	WEIGHT	IMPACT FORCE
10.2mm	68g/m	8.9kN

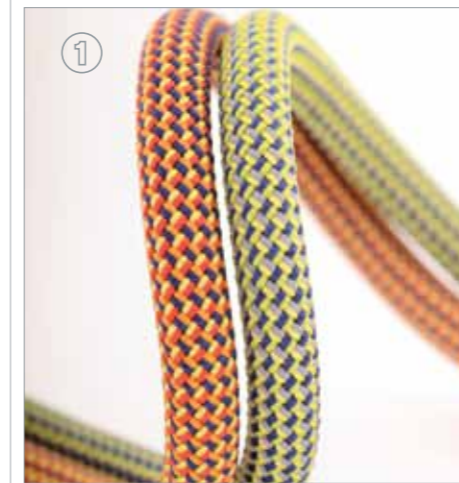
### AVAILABLE IN

- > Red
- > 50 and 60m lengths

## Shorty 10.0mm

TECH SPECS: PAGE 132

The Shorty is the perfect companion for the indoor climber. Available in 30 or 40m lengths it is long enough for many of the climbing walls throughout the UK and also makes for lighter luggage whilst cragging - ideal for venues such as the Peak District or Southern Sandstone. We have used our post production heat treatment to provide excellent feel/handling whilst still retaining durability of a thicker rope.



### FEATURES

- > Perfect choice for indoor / outcrop climbers
- > Post production heat treatment increases the feel/handling whilst retaining the durability

DIAMETER	WEIGHT	IMPACT FORCE
10mm	62g/m	8.9kN

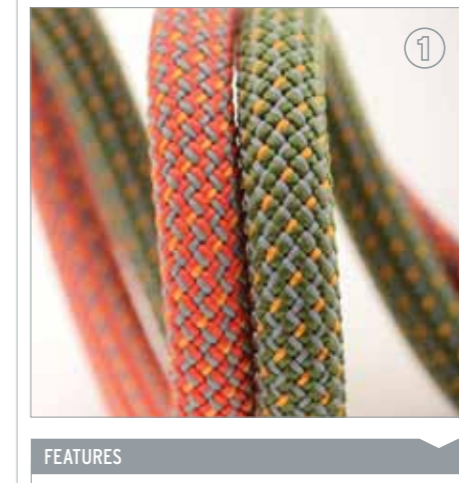
### AVAILABLE IN

- > Green or Copper
- > 30 or 40m lengths

## Super Big Jim 10.5mm

TECH SPECS: PAGE 132

Our most durable dynamic rope. This rope has been developed and tested with climbing walls to cope with the huge demands that modern climbing centres place upon their equipment. It uses a complex braided core with a thick robust sheath. The braided core does not untwist and flatten and holds the sheath firmly in place so that the rope lasts far longer than standard twisted core ropes.



### FEATURES

- > Extremely durable braided core rope
- > Hard wearing sheath
- > Heat treated for improved handling
- > Available in two distinct colours for easy identification and rotation
- > Available in 100m, 300m and 700m lengths
- > Bespoke cuts available - contact us for details

DIAMETER	WEIGHT	IMPACT FORCE
10mm	54g/m	8.7kN

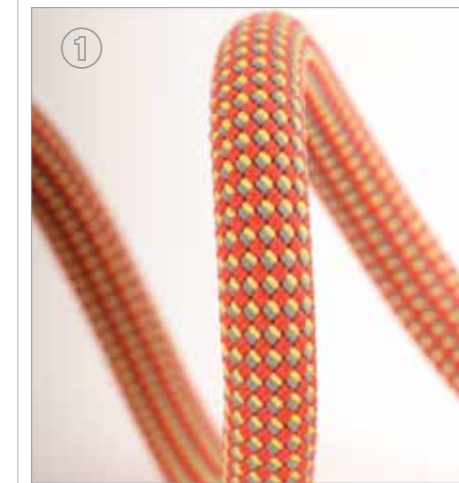
### AVAILABLE IN

- > Red or Green
- > 100, 300 and 700m lengths
- > Available cut to length - contact us for more details

## Dynamo 11.0mm

TECH SPECS: PAGE 132

With an 11mm diameter, the Dynamo is our fattest and most robust dynamic rope in the range. Ideally suited for use in centres and ropes courses alike.



### FEATURES

- > 11mm dynamic rope
- > Ideal for Centre use

DIAMETER	WEIGHT	IMPACT FORCE
11mm	79g/m	9.1kN

### AVAILABLE IN

- > Red
- > Custom lengths up to 500m



## Worksafe

TECH SPECS: PAGE 133

DMM Worksafe rope provides excellent abrasion resistance, twisted core, superb knotability and function whilst being cost effective. This is the rope of choice for all your general low stretch rope requirements.



### FEATURES

- > Polyamide core and sheath
- > Available in 11mm diameter
- > Minimum Breaking Strength (MBS): 32kN
- > MBS Fig 8 knot: 18kN
- > Elongation: 3%
- > Shrinkage: 3%

DIAMETER	WEIGHT
11mm	75g/m

### AVAILABLE IN

- > White/blue/grey or Black
- > 50, 100, 200 and 700m lengths

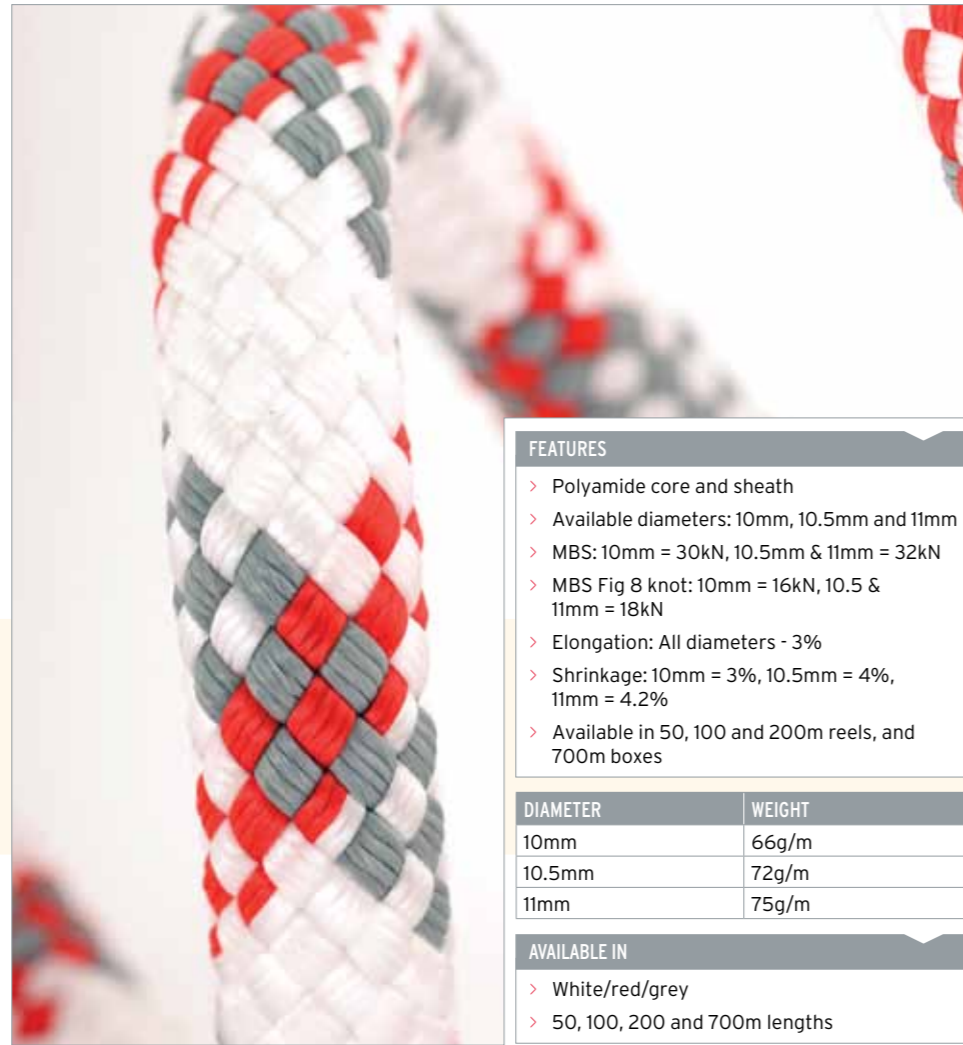
## Worksafe Plus

TECH SPECS: PAGE 133

The Worksafe Plus rope boasts a tightly woven mantel and twisted core construction. This gives superb knotability, whilst also providing excellent abrasion resistance and compatibility with rope grabs and devices.

The Worksafe Plus is the rope of choice for any industrial customer which is a heavy user of their ropes, and therefore wants the extra durability and wear resistance which is provided by its superior construction.

Available in three diameters and colour coded accordingly for easy identification between products; 2 red flecks: 10mm, 2.5 red flecks: 10.5mm, and 3 red flecks: 11mm.



### FEATURES

- > Polyamide core and sheath
- > Available diameters: 10mm, 10.5mm and 11mm
- > MBS: 10mm = 30kN, 10.5mm & 11mm = 32kN
- > MBS Fig 8 knot: 10mm = 16kN, 10.5 & 11mm = 18kN
- > Elongation: All diameters - 3%
- > Shrinkage: 10mm = 3%, 10.5mm = 4%, 11mm = 4.2%
- > Available in 50, 100 and 200m reels, and 700m boxes

DIAMETER	WEIGHT
10mm	66g/m
10.5mm	72g/m
11mm	75g/m

### AVAILABLE IN

- > White/red/grey
- > 50, 100, 200 and 700m lengths

## Rope Protector

TECH SPECS: PAGE 133

Protecting ropes over rough edges is crucial in many working situations. Our new rope protectors are extra thick for added protection and durability and made of canvas to minimise heat build-up in running rope situations.



### FEATURES

- > Thick canvas construction for increased protection
- > Clipping eye or accessory cord attachment
- > Edge bound for wear protection
- > Extra wide velcro for secure closure

### AVAILABLE IN

- > 50 and 100cm lengths



Microchips Direkt 8b, **BURG RABENSTEIN**,  
Frankenjura, Germany.

Photograph **JOHANNES INGRISCH**

## Accessory Cord

TECH SPECS: PAGE 133

Our static accessory cords are both supple and robust. Available in a seven diameters ranging from 2 - 8mm. They incorporate individually bright colours for easy identification.



### FEATURES

- > Exceptionally versatile with uses ranging from washing lines at Base camp through to tag lines up big walls.
- > Colour coded sizes

### AVAILABLE IN

- > 2 - 8mm diameters

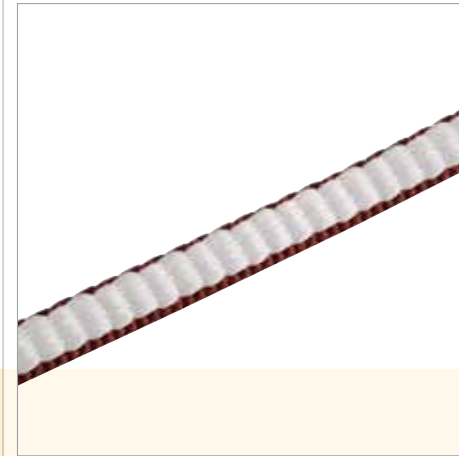


## Dyneema 8mm

TECH SPECS: PAGE 133

This is the super light end of the range, the perfect sling for anybody who is serious about reducing the weight of their rack.

The super skinny profile means that you can deal with some extremely narrow threads.



### FEATURES

- > Super light
- > Same strength as 11mm Dyneema slings
- > Abrasion resistant

### AVAILABLE AS

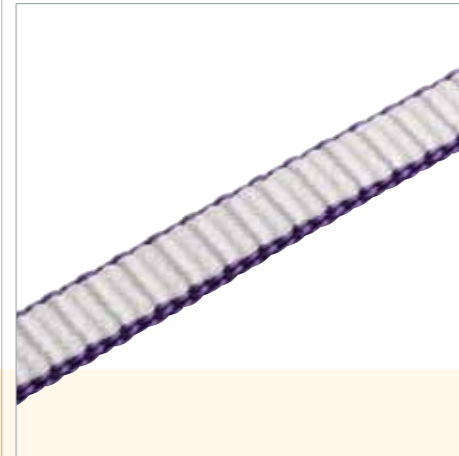
- > 60, 120, 240 and 400cm open slings (Assorted colours)
- > 12 (gold), 18 (red) and 25cm (grey) quickdraw slings

## Dyneema 11mm

TECH SPECS: PAGE 133

Dyneema is a remarkable material and it is true to say that it has revolutionised sling production. It has several advantages over the traditional Nylon webbing. For a start it is incredibly light and strong, it is also less susceptible to UV degradation and is more abrasion resistant.

There are other advantages too which will help you when you are out on the crag. The skinny profile of the tape means that you can take advantage of much narrower threads and the sling is less likely to slide off marginal spike placements.



### FEATURES

- > Light and strong
- > Abrasion resistant

### AVAILABLE AS

- > 60, 120 and 240cm open slings (Assorted colours)
- > 12 (gold), 18 (red) and 25cm (grey) quickdraw slings

## Nylon 16mm

TECH SPECS: PAGE 133

Where weight is less of an issue Nylon comes into its own. The Nylon 16mm has the same strength as our Dyneema slings, but because there is physically more material they offer a greater safety margin should the sling be dragged over a sharp edge.

The extra width of the Nylon sling also has a curious psychological advantage. Instructors have reported back to us that beginners are more comfortable using wider slings, even if the strength rating is the same.

If you have to keep to a tight budget then Nylon is a good option, especially if you need to source a large number of slings.



### FEATURES

- > Same strength as Dyneema slings
- > Can be knotted
- > Suitable for centre use

### AVAILABLE AS

- > 60, 120 and 240cm open slings
- > 12 and 18cm quickdraw slings

## Nylon 26mm

TECH SPECS: PAGE 133

This is the strongest tape in our range. It might not have some of the weight advantages of the skinnier Dyneema slings, but if you are looking for a sturdy, hard wearing sling, this is it.

The Nylon 26mm is popular with outdoor centres and groups, but anybody who does a lot of rigging will appreciate its strength and durability.



### FEATURES

- > Strongest in the range
- > Budget price
- > Suitable for centre use

### AVAILABLE AS

- > 60, 120 and 240cm open slings

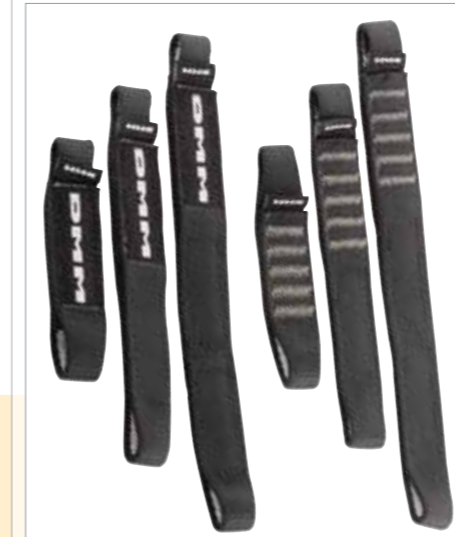
## Nylon Vari-width Slings

TECH SPECS: PAGE 133

The DMM Vari-width sling is designed to make life as easy as possible for the sport climber. It is a tightly woven Nylon quickdraw sling that tapers from 26mm on the body so that the quickdraw is easy to grab and hold onto when pumped and 16mm at the ends where the carabiners are attached so that it loads the carabiner correctly.

The quickdraw comes with an external rubber Keeper (see page 116) to help protect the rope end of the draw from abrasion and hold the rope carabiner securely for easier clipping.

The slings itself are available either plain or with a DMM logo.



### FEATURES

- > Tapered Nylon quickdraw slings
- > Supplied with Keeper

### AVAILABLE AS

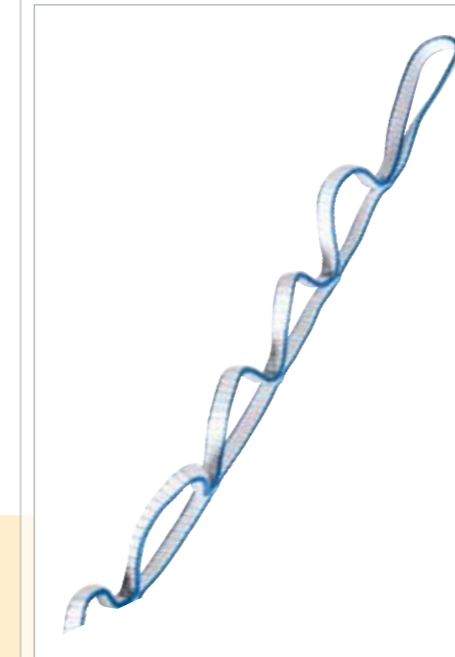
- > 12, 18 and 25cm quickdraw slings with Keeper
- > Quickdraw with or without logo

## Dyneema Daisy Chains

TECH SPECS: PAGE 133

We make our Daisy Chains from 11mm Dyneema. They are 135cm long and are available in either red or gold.

Please note: This is a specialist piece of aid climbing equipment. It is designed to be full strength end to end and the pockets are to hold body weight only. Do not use these pockets to anchor yourself directly to a belay.



### FEATURES

- > Dyneema Daisy Chain for aid climbing
- > 135cm long 11mm Dyneema

### AVAILABLE IN

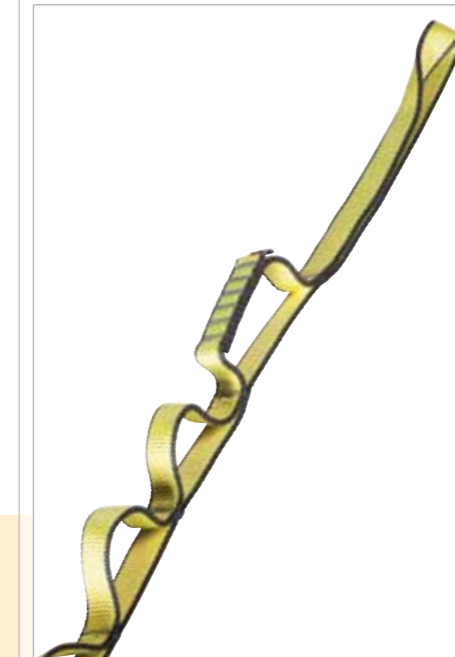
- > Gold or blue

## Nylon Daisy Chains

TECH SPECS: PAGE 133

Our 16mm Nylon Daisy Chains are 135cm long and are available in red and grey or lime green and grey.

Please note: This is a specialist piece of aid climbing equipment. It is designed to be full strength end to end and the pockets are to hold body weight only. Do not use these pockets to anchor yourself directly to a belay.



### FEATURES

- > Nylon Daisy Chain for aid climbing
- > 135cm long 16mm Nylon

### AVAILABLE IN

- > Red and grey or lime green and grey

## Ripstop

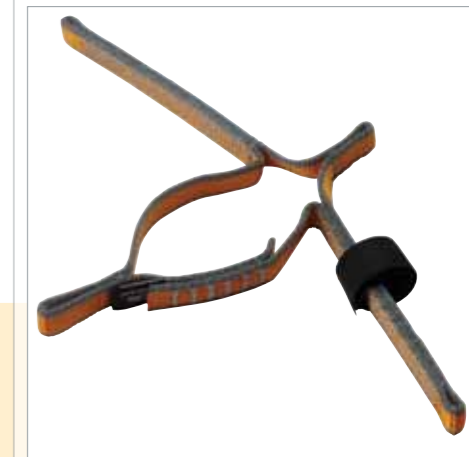
TECH SPECS: PAGE 133

Try as we might to avoid it, there are occasions when we have to rely upon marginal gear placements. Whether that's a small, but crucial wire, or a suspect ice screw placement is not important. What matters is that we can improve the odds of it holding under impact. The answer to this conundrum is the Ripstop.

These cleverly constructed quickdraws contain sections of weaker stitching that are designed to break when shock loaded. Each of the stitches that break absorbs some of the energy that would otherwise have been transferred into the marginal runner.

The overall effect is to reduce the peak impact force, which is a rather fancy way of saying that your gear is less likely to rip.

Keep one clipped to your harness; you never know when you'll need it next.



### FEATURES

- > Ripstop quickdraw for marginal placements
- > 19mm Nylon
- > Suitable for summer or winter use

### AVAILABLE AS

- > Orange or grey



Feedback from climbers around the world and our experiences at the crag led us to the conclusion that climbers want a no-nonsense, high quality, climbing specific range of bags which cater for their needs without superfluous bells and whistles. We set about designing the perfect climber's sacks: strong yet light, top quality materials and workmanship, highly featured for their intended usage whilst maintaining clean and clutter free lines - exactly the same requirements we apply to all of our products. This concise range caters for multi-pitch marathons, bolt clipping days out, trad cragging, and travel to and from your next adventure.

Alongside the sport range, a small range of bags have evolved from our dealings with working at height specialists such as arborists, rope access technicians, and rescue teams. These bags are typified by their robustness and simplicity.

# Bags

At the foot of the South Ridge of Jebel el Kest, Tafraout, Morocco.  
 Photograph RAY WOOD

## Bag Range

### Rucksacks



Zenith



Flight



Vector

### Duffles



Void

### Rope Bags



Classic



Pitcher

### Work Bags



Transit



Porter



Tool Bags

### Chalk Bags



Trad



Traction



Tube



Edge



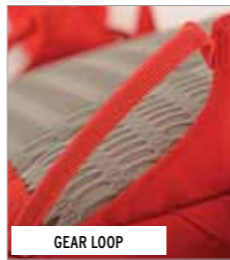
## Zenith

The Zenith is a small but highly featured climbing sack designed to be carried on long multi-pitch routes. The neat profile allows trouble-free access to your harness gear loops and chalk bag; it also won't snag on those lengthy descents. The zip panel and bucket style opening limits spillage and allows easy loading and unloading, even on hanging belays. It has internal and external pockets, a hydration sleeve, double gear loops and daisy chains, plus helmet and rope attachment tabs - in fact everything you could possibly need for a big climb.

TECH SPECS: PAGE 134



DETACHABLE WAIST STRAPS



GEAR LOOP



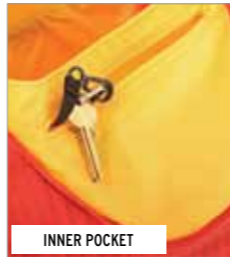
HYDRATION PACK COMPATIBLE



HELMET ATTACHMENT



INTERNAL GEAR LOOP



INNER POCKET

### FEATURES

- > Low profile base allows easy access to harness racking and chalk bag
- > Additional gear loops and daisy chains on the side panels
- > External and internal valuables pockets with zip openings
- > Hydration bladder compatible (not included)
- > 18 litre capacity

### AVAILABLE IN

- > Green, Red and Grey

## Flight

The Flight is a highly featured sport climbing crag sack, combining rope bag and rucksack. It is sized to cope with everything you could possibly need for a day at the crag, and that includes a Euro style 80m rope. It also matches the maximum carry on hand luggage size for most airlines and has stash-able features to reduce snagging during transit. The internal racking, tarp and pockets allow you to keep all your kit neatly organised and easily accessed.

TECH SPECS: PAGE 134



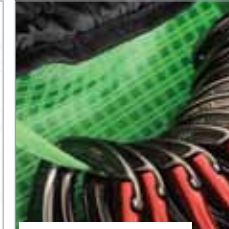
OUTER POCKET



INSIDE POCKET



PACK INSIDE



INTERNAL GEAR LOOP



FITS INTO FLIGHT HAND LUGGAGE



ROPE AND HELMET STASH

### FEATURES

- > Maximum 'carry on' hand luggage on most airlines
- > Suitcase style opening for quick and easy access
- > Quickdraw rack, rope tarp and pockets to keep your kit well organised
- > Grab handles for a quick and easy carry
- > 45 litre capacity

### AVAILABLE IN

- > Green, Red and Grey



## Vector

TECH SPECS: PAGE 134

The Vector is an exciting new trad climbing sack with some superb design features. The neat top opening gives fast access to your kit, while the internal stiffeners allow the sack to keep its shape and be free standing as you pack or unpack your kit for the day. No more fumbling, just quick, easy loading and unloading - which means less faffing and more time spent climbing!



COMPRESSION STRAPS



INNER POCKET



SIDE POCKET



GRAB HANDLES



RACK SACK

### FEATURES

- > Neat top opening gives very fast access to your kit
- > Bright inside fabric reflects light in, making it easier to find items
- > Internal and external pockets for guidebook and valuables
- > External compression straps for stability and extra comfort
- > 45 litre capacity

### AVAILABLE IN

- > Red and Grey

## Void

TECH SPECS: PAGE 134

The Void is the perfect climber's duffle bag. It has a tough but lightweight design, with a series of well thought out features. The padded zip top panel gives easy access and a comfortable carry. There is a choice of rucksack shoulder straps or grab handles - take your pick, depending on the situation. Inside there are several useful features which help to keep your kit well organised, including large and small valuables pockets, high visibility material and compression straps. It comes in three colour coded size options (45l, 75l and 100l) - whichever you choose, a Void bag is the perfect way to carry your kit on an expedition or holiday.



GRAB HANDLES



DETACHABLE STRAPS



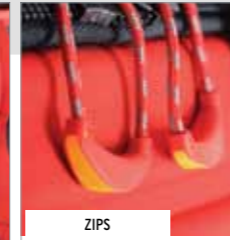
INNER POCKET



A4 POCKET



STASH-ABLE HANDLES



ZIPS

### FEATURES

- > Moulded lid panel gives a comfortable carry and easy access via zip opening
- > Two internal pockets - small internal zip pocket for valuables and large A4 sized pocket
- > Stash-able grab handles double as a compress for the bag contents
- > Colour coded size options: Green 45 litre, Red 75 litre and Grey 100 litre

### AVAILABLE IN

- > Green, Red and Grey



EMMA TWYFORD enjoying the walk in to El Delfin sector in Rodellar, Spain.

Photograph ALEX HASLEHURST



## Classic Rope Bag

TECH SPECS: PAGE 134

Carries an 80m rope and a few extras, the detachable full size tarp keeps your cord dirt free, and the clever strap system allows either a rucksack or a courier style carry.



### FEATURES

- > Use it as a rucksack on its own, or convert it easily to a courier bag with the padded straps
- > Large rope tarp with colour coded tie in points
- > Zipped valuables pocket
- > 31 litre capacity

### AVAILABLE IN

- > Green, Red, Blue and Grey

## Pitcher Rope Bag

CODE: TECH SPECS: PAGE 134

A lightweight, packable rope bag that is both easy to use and super versatile: pack it in a rucksack snag-free, carry it as backpack, use it as a rope bucket on sea cliffs, or as an essentials bag on multi pitch routes. The tarp design allows quick and convenient rope stashing (thanks Rab Carrington).



### FEATURES

- > Use it as a rope bag, a rope bucket, a carry on route sack, or nipping to the wall.
- > Easy stash tarp system for quick rope packing
- > Removable shoulder straps for either carrying as a rucksack or using as a stuff sac in your cragging pack
- > 30 litre capacity

### AVAILABLE IN

- > Green, Red, Blue and Grey



Sport routes don't come any longer in Britain than The Desolation of Smaug. **IAN LLOYD-JONES**, during the first ascent, on the initial pitch of the 140 metre route in Twll Mawr, Dinorwig Slate Quarry.

Photograph **RAY WOOD**

## Transit

TECH SPECS: PAGE 134

For situations where simplicity of loading is important, and large distances won't be covered, the Transit is the perfect kit bucket. The simplified carrying system combines with a shorter height to make this bag great for stashing ropes and other equipment easily. The bags are sized to fit snugly inside the Porter and the large document holder make kit identification easy to ensure the days tasks run smoothly and efficiently.



### FEATURES

- > Heavy duty tarpaulin material for strength and durability
- > Single compartment with drawstring closure
- > Simple webbing carrying system
- > Internal pocket, rope end tie-in loops, and document sleeve for kit organisation
- > Reflective piping for ease of locating in the dark

### AVAILABLE IN

- > 30L and 45L sizes

## Porter

TECH SPECS: PAGE 134

The Porter is a simple, rugged load carrier that is ideally suited to heavy duty applications such as route setting, outdoor centres, and rescue teams. Made from a durable and hardwearing tarpaulin material with a weather proof closure, and featuring a moulded back system for carrying comfort, the Porter could be used for lugging the group kit to the crag, organising kit by activity, or for packing for a weekend away.



### FEATURES

- > Heavy duty tarpaulin material for strength and durability
- > Single compartment with drawstring closure and removable waterproof lid
- > Padded carrying system for comfort
- > Internal pocket and rope end tie-in loops for kit organisation
- > Reflective piping for ease of location in the dark

### AVAILABLE IN

- > 45L and 70L sizes

## Tool Bags

TECH SPECS: PAGE 134

Small on size - big on durability. The 4 and 6 litre tool bags were designed for essential kit storage on the harnesses of industrial users, and have proven equally at home with route setters and rescue teams for small kit storage requirements.



### FEATURES

- > Heavy duty tarpaulin material for strength and durability
- > Single compartment with drawstring closure
- > Carabiner or belt attachment options
- > Two tubular racking loops that double as carry handles
- > Reflective piping for ease of locating in the dark

### AVAILABLE IN

- > 4L and 6L sizes



## Trad

TECH SPECS: PAGE 134

For big hands and those who like to chalk up to the wrist, this trad daddy chalk bag will hold all the chalk you'll ever need on a massive route. Supplied with a matching Chalk Bag Belt.



### FEATURES

- > Stiffened opening to hold its shape for critical quick dips
- > Sumptuous pile lining for effective chalking
- > Chalk-proof closure
- > Brush holder
- > Supplied with a matching Chalk Bag Belt

### AVAILABLE IN

- > Green, Red, Blue and Grey

## Traction

TECH SPECS: PAGE 134

A medium size bag for those quick dips. Contoured opening allows easy access, and the chalk proof closure keeps the inside of your sack white dust free. Supplied with a matching Chalk Bag Belt.



### FEATURES

- > Stiffened opening to hold its shape for critical quick dips
- > Luxurious pile lining for effective chalking
- > Chalk-proof closure
- > Brush holder
- > Supplied with a matching belt

### AVAILABLE IN

- > Green, Red, Blue and Grey

## Tube

TECH SPECS: PAGE 134

A classic chalk bag with a deep pile lining, toothbrush holder, and a chalk proof closure.



### FEATURES

- > The classic chalk bag
- > Luxurious pile lining for effective chalking
- > Chalk-proof closure
- > Brush holder

### AVAILABLE IN

- > Green, Red, Blue and Grey

## Edge

TECH SPECS: PAGE 134

A fully featured chalk bucket; a zip pocket, a Velcro pocket and four brush slots let you keep tabs on all of the essentials; brushes, tape, sandpaper and superglue. The carry handles and the stable base make it a cinch to use around the blocs, and the double-seal chalk closure keeps your chalk where you want it.



### FEATURES

- > Velcro pocket, zip pocket and 4 brush holders for all your essentials
- > Luxurious pile lining for effective chalking
- > Chalk-proof closure
- > Stable base to prevent spillage

### AVAILABLE IN

- > Green, Red, Blue and Grey

## Chalk Bag Belt

TECH SPECS: PAGE 134

A simple and easy way of carrying your chalk bag. The belt is adjustable to fit all waist sizes and has a lightweight quick release plastic buckle.

You can slide your chalk bag from side to side, or even round to the front if you are thrutching in a chimney.



### FEATURES

- > Adjustable Nylon chalk bag belt
- > Quick release buckle

### AVAILABLE IN

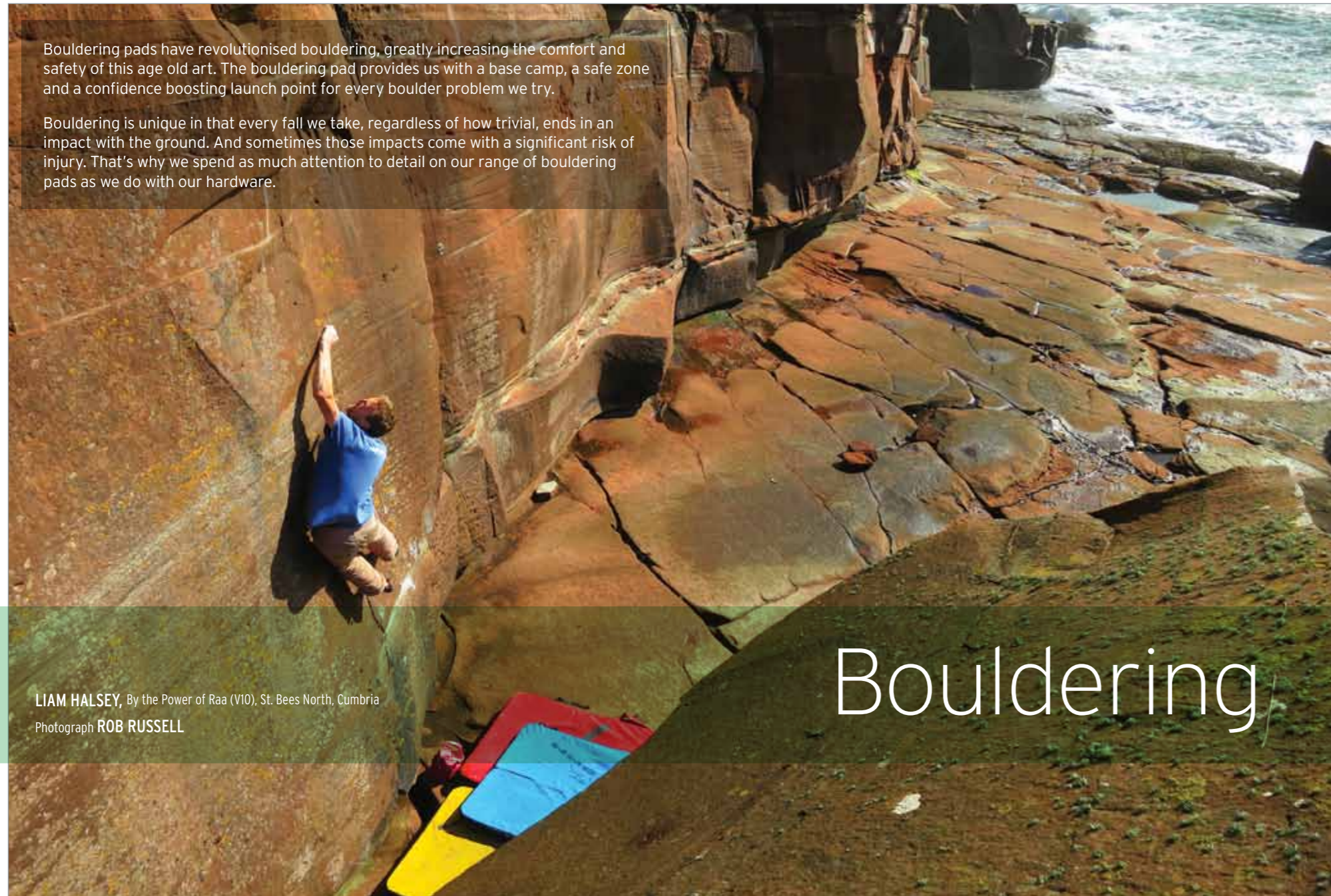
- > Red, Green, Blue and Grey



RICKY BELL soloing Idlewild (E6 6b), Slieve Bearnagh, Mourne Mountains.

Photograph CRAIG HILLIER





LIAM HALSEY, By the Power of Raa (V10), St. Bees North, Cumbria

Photograph ROB RUSSELL

# Bouldering

Bouldering pads have revolutionised bouldering, greatly increasing the comfort and safety of this age old art. The bouldering pad provides us with a base camp, a safe zone and a confidence boosting launch point for every boulder problem we try.

Bouldering is unique in that every fall we take, regardless of how trivial, ends in an impact with the ground. And sometimes those impacts come with a significant risk of injury. That's why we spend as much attention to detail on our range of bouldering pads as we do with our hardware.

## Spot 2

TECH SPECS: PAGE 134

The Spot 2 is the ultimate lightweight hinge style pad - firm enough to provide good protection, yet extremely compact and easy to carry.

Use it in combination with your main pad and you've got an extremely versatile set-up. Its thinness also makes it ideal for low level traverses or roof problems with limited clearance.

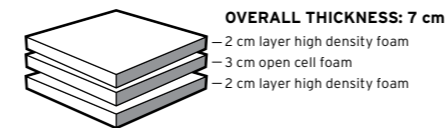


### FEATURES

- > Lightweight hinged pad (overall thickness: 7cm)
- > Extremely tough and durable materials and rounded corners to increase durability
- > Shoulder strap
- > Starter carpet for cleaning rock shoes

### AVAILABLE IN

- > Blue



#### OVERALL THICKNESS: 7 cm

- 2 cm layer high density foam
- 3 cm open cell foam
- 2 cm layer high density foam

## Dyno

TECH SPECS: PAGE 134

This classic taco style pad is both tough and versatile. The taco design eliminates hinges or joins and thus gives the reassurance of uniform protection across the fall zone.

On awkward or uneven landings the flexible form allows you to wrap and mould the mat into crevasses and around blocks or rock steps.

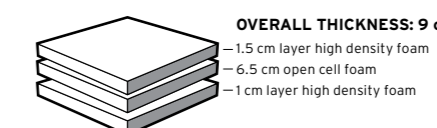


### FEATURES

- > Taco style bouldering pad (overall thickness: 9cm)
- > Extremely tough and durable materials and rounded corners to increase durability
- > Removable rucksack/shoulder strap can be set up to carry the pad over the shoulder/at the side
- > Starter carpet for cleaning rock shoes
- > Extra straps for carrying bag, shoes, etc.

### AVAILABLE IN

- > Red



#### OVERALL THICKNESS: 9 cm

- 1.5 cm layer high density foam
- 6.5 cm open cell foam
- 1 cm layer high density foam



## Highball

TECH SPECS: PAGE 134

The hinged style Highball is an extremely popular pad with a great landing area. The hinge allows the pad to be wrapped around sharp bends. It also means that the pad can be doubled up quickly in an emergency when your mate suddenly decides that s/he wants to make a controlled jump down from a highball problem.



### DOUBLE DENSITY FOAM CONSTRUCTION



### RUCKSACK STYLE CARRYING SYSTEM



### RUBBER MOULDED CARRYING HANDLES



### EXTRA LOOPS AND STRAPS



### LOAD LOCKER BUCKLE

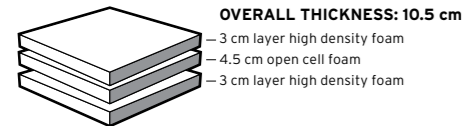


### FEATURES

- > Hinged style bouldering pad (overall thickness: 10.5cm)
- > Extremely tough and durable materials and rounded corners to increase durability
- > Removable rucksack/shoulder strap can be set up to carry the pad over the shoulder/at the side
- > Starter carpet for cleaning rock shoes
- > Extra straps for carrying bag, shoes, etc.

### AVAILABLE IN

- > Green or Yellow



### OVERALL THICKNESS: 10.5 cm

- 3 cm layer high density foam
- 4.5 cm open cell foam
- 3 cm layer high density foam

## Edge

CODE: 134

A fully featured chalk bucket; a zip pocket, a Velcro pocket and 4 brush slots let you keep tabs on all of the essentials; brushes, tape, sandpaper and superglue. The carry handles and the stable base make it a cinch to use around the blocs, and the double-seal chalk closure keeps your chalk where you want it.



### FEATURES

- > Velcro pocket, zip pocket and 4 brush holders for all your essentials
- > Luxurious pile lining for effective chalking
- > Chalk-proof closure
- > Stable base to prevent spillage

### AVAILABLE IN

- > Green, Red, Blue and Grey



Ten year-old RUBY WOOD running laps on The Ramp (VI), Cromlech Boulders, Llanberis Pass.

Photograph RAY WOOD



# Clothing

Is there a more comfortable way to style it during a session, or relax afterwards than in a 'Climb Now Work Later' Hoody or T shirt? Each of the garments has that crucial combination of style, comfort and durability. For the hoodies we've introduced a cotton/polyester mix with a super-comfy soft-brushed finish on the inside and lined hoods colour-matched to the draw cords. We've also expanded the range by introducing a Women's and Kid's Hoody. And for a bit of quirky fun, we've added neat hem and pocket tabs to all our Hoodies and T Shirts. These give a kN strength rating, just like the ones you find on our slings. Only this time, it's OkN instead of the 22kN rating of our 8mm Dyneema slings!



The writing is on the wall for **JIM MCCORMACK** dry tooling Tumble in the Jungle (M9), White Goods Crag, North Wales.  
Photograph **RAY WOOD**

## T Shirt Colours



Tropical Green



Hawaii Blue



Raspberry



Light Navy



Kelly Green



Red



Dark Brown

## Men's T Shirt

TECH SPECS: PAGE 135

A classic 100% cotton T Shirt design with the small DMM logo on the front and the larger 'Climb Now Work Later' logo on the back. The neck line is taped to increase comfort and reduce stretch.

Available in four different colour schemes, all of which will stand out nicely in your climbing photographs.



### SIZES

- > Small
- > Medium
- > Large
- > Extra Large

### AVAILABLE IN FOUR COLOURS

- > Dark Brown/Orange
- > Light Navy/Yellow,
- > Kelly Green/White
- > Red/White

## Women's T Shirt

TECH SPECS: PAGE 135

Another stylish new entry in our clothing range, with a tailored fit specifically designed for women.

Made to the same 100% cotton spec as the Men's T Shirt with the small DMM logo on the front and the larger 'Climb Now Work Later' logo on the back. The neck line is also taped to increase comfort and reduce stretch.



### SIZES

- > 8
- > 10
- > 12
- > 14

### AVAILABLE IN THREE COLOURS

- > Raspberry
- > Hawaiian Blue
- > Tropical Green

## Men's Hoodie

TECH SPECS: PAGE 135

Made from a 70:30 cotton - polyester mix, with a lovely soft-brushed finish on the inside that feels oh-so-comfortable to the touch. The neck line is taped to increase comfort and reduce stretch. The hood is lined and the draw cords are colour-matched to the lining.



### SIZES

- > Small
- > Medium
- > Large
- > Extra Large

### AVAILABLE IN TWO COLOURS

- > Charcoal Grey/Red/White
- > Kelly Green/Charcoal Grey/White

## Women's Hoodie

TECH SPECS: PAGE 135

An elegant new entry in our clothing range, with a tailored fit specifically designed for women. Made from the same soft-brushed 70:30 cotton - polyester mix as the Men's Hoody, this is both comfy and stylish.



### SIZES

- > 8
- > 10
- > 12
- > 14

### AVAILABLE IN TWO COLOURS

- > Heather Grey/Red/Charcoal
- > Hawaiian Blue/Heather Grey/White

## Kid's Hoodies

TECH SPECS: PAGE 135

With more and more kids getting involved in climbing it only seems right that we introduce a special Kid's Hoody to our range. Featuring the amusing tweak to our logo: 'Climb Now Homework Later', these are sure to become the must-have item for all budding rock stars of the next generation



### SIZES

- > S (7/8)
- > M (9/10)
- > L (11/12)

### AVAILABLE IN ONE COLOUR

- > Red/Charcoal/White





**MICHELLE KIM THEISEN** finding shade at Hammeren on a fine 6C/+ just beyond the classic Heidis Opvarming, Bornholm.

Photograph **RAY WOOD**



With more and more individuals entering the sport through the relative warmth and safety of the climbing wall environment we have grown the range which will be of interest here too. We have a full range of steel and captive eye carabiners available. Strong and durable, these are ideal for heavy wear usage. The latest addition to this range will be the Alpha Steel.

This takes advantage of the ergonomic Alpha Clip biner, so popular in the sport climbing scene, and by marrying up the easy clipping alloy bent gate with the steel back we have something that is easy to clip for the climber but hardwearing for the wall owner. It is available on the new vary width webbing, and can be supplied with or without a maillon.

## Walls & Centres

**LIZZIE SHORT** competing in the 2013 Welsh Open Lead Climbing Championships at Beacon Climbing Centre.

Photograph **RAY WOOD**



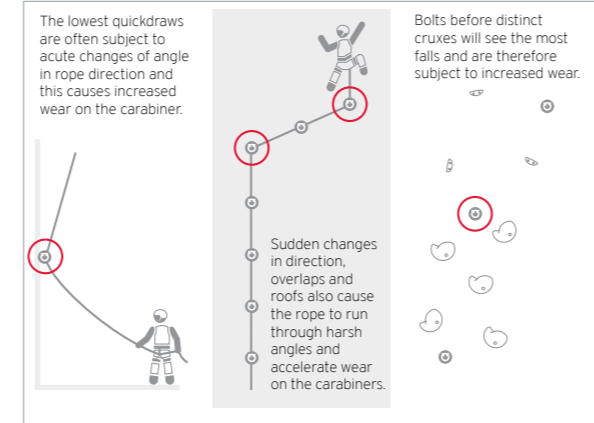
## Alpha Steel

TECH SPECS: PAGE 123

The world class Alpha in steel, the premium gym draw for unparalleled clipping and durability. The large Hot Forged rope radius adds lifetime to both the biner and ropes, and softer catches for climbers. The optional easy-fit captive bar allows easy maintenance and inspection.



The Alpha Steel is ideal for every clip in a gym, or it can be used selectively at the key points on climbing walls where the carabiner is subject to higher wear:



### FEATURES

- > Use at high wear points- Bolts 1 and 2, and changes in direction/angle
- > Increased climbing enjoyment for customers
- > Available as singles, captive, non-captive, and full Gym quickdraw sets

STRENGTH (GATE OPEN)	WEIGHT (PER CARABINER)	GATE OPENING
TBC	TBC	TBC

### AVAILABLE AS

- > Single Alpha Steel, with captive bar, or with PPE maillon on 12 or 18cm Vari-width Nylon

## Ascent Helmet

TECH SPECS: PAGE 135

All helmets need to be comfortable to wear and easy to adjust. Get that right and you are on to a winner; as it happens we think we've got it absolutely spot on with the Ascent.

It has a wide size range, good ventilation and is available in highly visible colours. It also has lightweight buckles, a comfortable chin strap and headtorch clips should you find yourself caught out by fading daylight.



### FEATURES

- > Easy to adjust and fit securely
- > Constructed with a shell of strong ABS plastic and an EPS insert in the crown
- > Wide size range
- > Headtorch clips
- > CE EN 12492 certified

### AVAILABLE IN

- > Orange and White

## Kids Ascent Helmet

TECH SPECS: PAGE 135

This is a kid's version of the popular Ascent Helmet. Obviously it's smaller, but we've also tweaked the cradle design to fit children's heads better, given it more ventilation holes and reduced the weight.



### FEATURES

- > Easy to adjust and fit securely
- > Constructed with a shell of strong ABS plastic and an EPS insert in the crown
- > Wide size range
- > CE EN 12492 certified

### AVAILABLE IN

- > Orange and White

## Gym Shoes

TECH SPECS: PAGE 135

A good climbing wall shoe needs to strike a balance between durability, comfort and performance.

Our Gym Shoes have a double rand on the toe box for durability and a robust velcro closure for quick fitting and a secure fit.

They have a neat and technical design; precise enough to be able to cope with small screw on footholds, but not so radical that they'll cripple your toes.



### FEATURES

- > Durable climbing wall shoe with velcro closure
- > Double rand toe box
- > Size marked on heel
- > Press-stud pair connector
- > Non aggressive heel sling for comfort

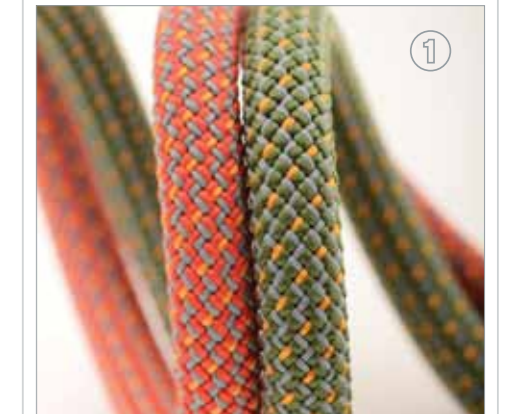
### AVAILABLE IN

- > UK sizes 3 - 13

## Super Big Jim 10.5mm

TECH SPECS: PAGE 132

Our most durable dynamic rope. This rope has been developed and tested with climbing walls to cope with the huge demands that modern climbing centres place upon their equipment. It uses a complex braided core with a thick robust sheath. The braided core does not untwist and flatten and holds the sheath firmly in place so that the rope lasts far longer than standard twisted core ropes.



### FEATURES

- > Extremely durable braided core rope
- > Hard wearing sheath
- > Heat treated for improved handling
- > Available in two distinct colours for easy identification and rotation
- > Available in 100m, 300m and 700m lengths
- > Bespoke cuts available - contact us for details

DIAMETER	WEIGHT	IMPACT FORCE
10mm	54g	8.7kN

### AVAILABLE IN

- > Red or Green
- > 100 and 300m lengths
- > Available cut to length - contact us for more details



# Chalk

ALEX LUGER with cruise control switched on for The Mau Mau (E4 6a), Rainbow Walls, Dinorwig Slate Quarry.  
Photograph RAY WOOD

Used in moderation chalk can dry those clammy hands before the crux to increase friction and also give the psychological advantage and calming influence you need to push on through. For indoor climbing, the chalk ball and liquid chalk gives chalk-cloud-free performance. The liquid chalk can also tip the balance back in your favour on long power endurance problems where taking a dip may mean the difference between success and failure. The large crushed chalk bag will fill even the most cavernous boulder bucket, and for stashing in the pack and travelling, the refillable chalk tub is invaluable.



## Chalk Ball

TECH SPECS: PAGE 135

Chalk balls keep the chalk inside your chalk bag where it should be. They come in a handy size, so one quick squeeze and you've got a good covering.



### FEATURES

- > Powdered chalk ball
- > Reduces mess
- > 56g

## Chalk Tub

TECH SPECS: PAGE 135

This neat and practical tub design allows you to carry spare chalk in your rucksac without the worry of it spilling out. We've filled it with 100g of the same chunky powder chalk we use in the Crushed Chalk Bags.



### FEATURES

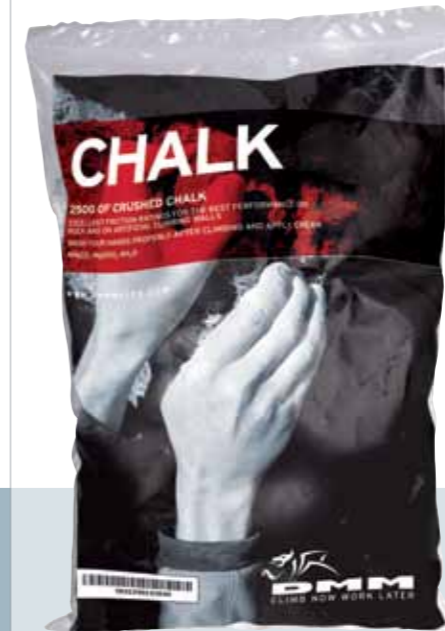
- > Chunky powdered chalk in a practical tub
- > 100g

## Crushed Chalk

TECH SPECS: PAGE 135

We use 100% pure magnesium carbonate for our chalk, as beloved by gymnasts the world over and generations of climbers.

The chalk comes as a chunky powder in 250g bags which is equivalent to about five blocks of the old style chalk.



### FEATURES

- > Chunky powdered chalk
- > 250g bag

## Liquid Chalk

TECH SPECS: PAGE 135

This wonder product solves the issue of keeping your skin coated with chalk on long boulder problems or intense routes where it is impossible, or too strenuous, to take a hand off for a dip in the chalk bag. The dried layer of chalk is much more resilient to rubbing off than conventional chalk and then there are the environmental benefits - use liquid chalk and the normal trail of white paw marks will be greatly reduced.



### FEATURES

- > Wear resistant liquid chalk
- > Quick to apply and quick to dry
- > Handy 200ml bottle

## Finger Tape

TECH SPECS: PAGE 135

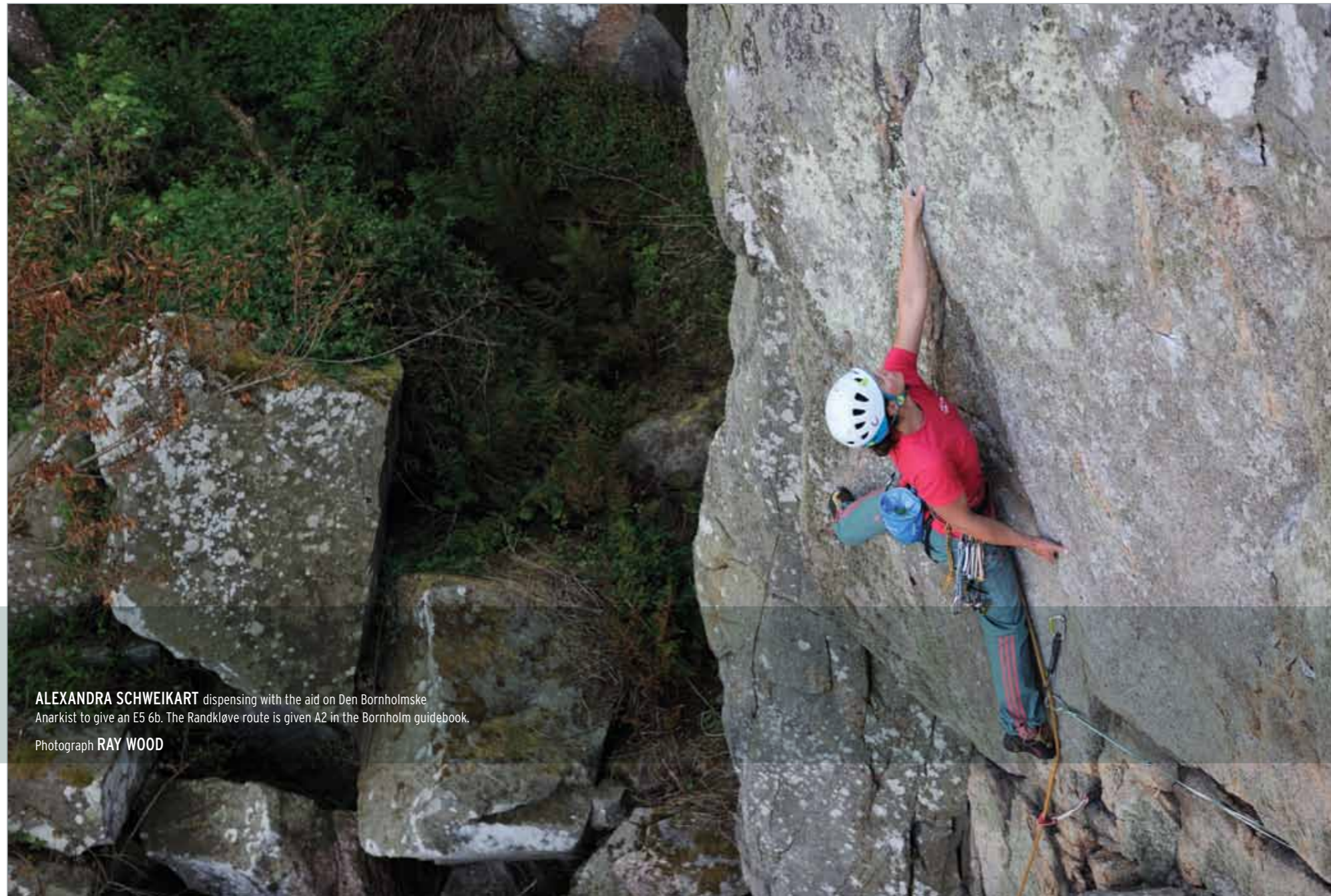
Finger injuries are an occupational hazard for the modern climber. Whatever the ailment, be it a bruised ring pulley, a collateral ligament strain, even just an annoying flapper or cut, it pays to have a roll of finger tape in your rucksac.



### FEATURES

- > Finger injury tape
- > Low stretch and sticky to ensure a secure and supportive hold
- > 10m long by 2.5cm wide





**ALEXANDRA SCHWEIKART** dispensing with the aid on Den Bornholmske Anarkist to give an E5 6b. The Randkløve route is given A2 in the Bornholm guidebook.  
Photograph **RAY WOOD**

This section covers everything from small 'must-have' items such as the XSRE, to bandoliers for mammoth racks and winter exploits, as always with DMM, the spare parts required for our customers to get the maximum lifetime out of their favourite parts, either by upgrading to the newer version, or the replacement of worn parts after many a pitch.

## Accessories & Spares



## XSRE

TECH SPECS: PAGE 123

Although 'not-for-climbing' we couldn't help ourselves when the demand for a smaller accessory biner came up. With all of the signature DMM features, clean nose, I-Beam, anodised, we have created the world's finest mini biner. At only 8g, and with a 4kN rating we still haven't run out of possible applications.



## Keepers

TECH SPECS: PAGE 133

Keepers not only keep the rope end of a quickdraw captive, but also protects this high wear area. Available in a large size (16mm) for our Vari-width sport draws and a small size (8mm) for 8mm Dyneema.



8mm



16mm

## Captive Bars

Most carabiners can be supplied cross-drilled to accommodate captive bars. The Captive Bars are not for load bearing use. This means that the lanyard or attachment cannot be removed and ensures that the direction of force applied in the event of a fall is along the major axis of the carabiner, giving maximum strength and holding power. Available loose with most Aluminium and Steel carabiners. Contact us for further details.



## Belay Master Clip

TECH SPECS: PAGE 124

Replacement clip for Belay Master and Belay Master 2.



## Nutbuster Rubber

TECH SPECS: PAGE 128

Replacement Nutbuster rubber handle in a variety of colours.



## Ice Axe Spares

TECH SPECS: PAGE 129

We still hold parts for both current and discontinued axes, although as we make them in batches sometimes we may be out of certain items from time to time. The spares include bolts, picks, hammers, adze and grips. See specs table for details.



## Grippy Grip Tape

TECH SPECS: PAGE 129

Perfect for keeping your tool in your hand for that bit longer, also adding insulation from the cold on those technical mixed routes where hot aches are only a matter of time. Customise any axe in our range, by wrapping this round the shaft, increasing the hand position options for any sort of winter excursion.



## Anti-Balling Plates

TECH SPECS: PAGE 129

Our Anti-Balling Plates, are still available for you to keep your trusted DMM crampons safe on the snow for the future seasons. These tough rubber plates securely attach to the underside of the Terminator crampon, stopping the treacherous sticky snow from balling up under foot, keeping each step safe.





## Crampon Sparer

TECH SPECS: PAGE 129

Desperately kicking your front points into snow covered rock, as we do, means that at some stage you're going to wear out your front points. These will fit the Terminator model only.



## Pinto Spacers

TECH SPECS: PAGE 130

An essential component for Pinto and Pinto Rig applications where textile connecting elements tend to compress the side plates.



### FEATURES

- > Hole diameters 15mm
- > Two widths: 12mm and 14mm

## Bandolier

TECH SPECS: PAGE 131

The Bandolier is both an alternative and a supplement to the conventional harness racking system. Some climbers use them exclusively, while others mix and match, racking gear both on the harness gear loops and the bandolier.



## Alpine Restraining Straps

TECH SPECS: PAGE 131

Replacement elastic straps to keep the leg loops of the Alpine Centre harness where you want them.



## Alpine Gear Loops

TECH SPECS: PAGE 131

Replacement or additional gear loops for the Alpine Centre harness, useful for carrying extra draws or replacing supplied gear loop.



## Chalk Bag Belt

TECH SPECS: PAGE 134

A simple and easy way of carrying your chalk bag. The belt is adjustable to fit all waist sizes and has a lightweight quick release plastic buckle.

You can slide your chalk bag from side to side, or even round to the front if you are thrutching in a chimney.

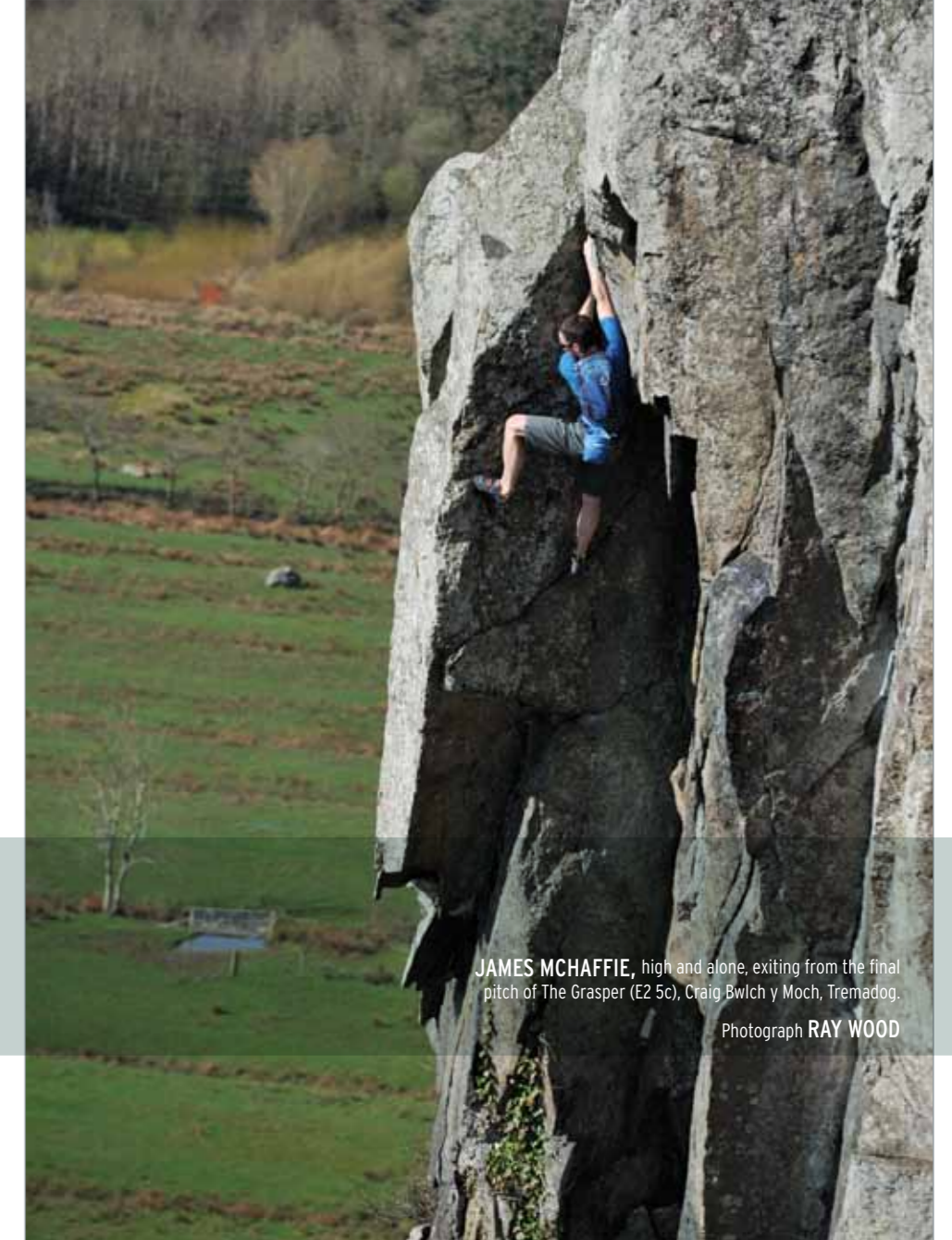


### FEATURES

- > Adjustable Nylon chalk bag belt
- > Quick release buckle

### AVAILABLE IN

- > Red, Green, Blue and Grey



JAMES MCHAFFIE, high and alone, exiting from the final pitch of The Grasper (E2 5c), Craig Bwlch y Moch, Tremadog.

Photograph RAY WOOD



# Tech Specs

Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Weight	Gate Opening	Standards	Cat N°.	Page N°.
Chimera								
Chimera	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	A398	9
Chimera BLT	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	A398BLT	9
Chimera Colour Pack	TBC	TBC	TBC	TBC	TBC	-	A398-P5	9
Chimera Quickdraw 12cm	TBC	TBC	TBC	TBC	TBC	-	A398-12	9
Chimera Quickdraw 12cm - 5 Pack	TBC	TBC	TBC	TBC	TBC	-	A398-12P5	9
Chimera Quickdraw 18cm	TBC	TBC	TBC	TBC	TBC	-	A398-18	9
Chimera Quickdraw 18cm - 5 Pack	TBC	TBC	TBC	TBC	TBC	-	A398-18P5	9
Chimera Quickdraw 25cm	TBC	TBC	TBC	TBC	TBC	-	A398-25	9
Chimera Trad Set 5	TBC	TBC	TBC	TBC	TBC	-	A398-T5	9
Alpha Light								
Alpha Light	23kN	7kN	9kN	32g	25mm	EN12275:1998/B	A518	10
Alpha Light BLT	23kN	7kN	9kN	32g	25mm	EN12275:1998/B	A518BLT	10
Alpha Light Colour Pack	-	-	-	160g	-	-	A518-P5	10
Alpha Light Quickdraw 12cm	-	-	-	73g	-	-	A518-12	10
Alpha Light Quickdraw 12cm - 5 Pack	-	-	-	365g	-	-	A518-12P5	10
Alpha Light Quickdraw 18cm	-	-	-	75g	-	-	A518-18	10
Alpha Light Quickdraw 18cm - 5 Pack	-	-	-	375g	-	-	A518-18P5	10
Alpha Light Quickdraw 25cm	-	-	-	77g	-	-	A518-25	10
Alpha Light Trad Set 5	-	-	-	375g	-	-	A518-T5	10
Phantom								
Phantom	23kN	7kN	9kN	28g	22mm	EN12275:1998/B	A318	10
Phantom BLT	23kN	7kN	9kN	28g	22mm	EN12275:1998/B	A318BLT	10
Phantom Colour Pack	-	-	-	138g	-	-	A318-P5	10
Phantom Blue	23kN	7kN	9kN	28g	-	-	A318BL	10
Phantom Gold	23kN	7kN	9kN	28g	-	-	A318GL	10
Phantom Green	23kN	7kN	9kN	28g	-	-	A318GR	10
Phantom Purple	23kN	7kN	9kN	28g	-	-	A318PR	10
Phantom Red	23kN	7kN	9kN	28g	-	-	A318RD	10
Phantom Quickdraw 12cm	-	-	-	65g	-	-	A318-12	10
Phantom Quickdraw 12cm - 5 Pack	-	-	-	325g	-	-	A318-12P5	10
Phantom Quickdraw 18cm	-	-	-	68g	-	-	A318-18	10
Phantom Quickdraw 18cm - 5 Pack	-	-	-	340g	-	-	A318-18P5	10
Phantom Quickdraw 25cm	-	-	-	70g	-	-	A318-25	10
Phantom Trad Set 3	-	-	-	201g	-	-	A318-T3	10
Phantom Trad Set 5	-	-	-	339g	-	-	A318-T5	10

Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Weight	Gate Opening	Standards	Cat N°.	Page N°.
Alpha Trad								
Alpha Trad	24kN	7kN	9kN	34g	27mm	EN12275:1998/B	A508	11
Alpha Trad BLT	24kN	7kN	9kN	34g	27mm	EN12275:1998/B	A508BLT	11
Alpha Trad Colour Pack	-	-	-	170g	-	-	A508-P5	11
Alpha Trad Quickdraw 12cm	-	-	-	77g	-	-	A508-12	11
Alpha Trad Quickdraw 12cm - 5 Pack	-	-	-	385g	-	-	A508-12P5	11
Alpha Trad Quickdraw 18cm	-	-	-	80g	-	-	A508-18	11
Alpha Trad Quickdraw 18cm - 5 Pack	-	-	-	400g	-	-	A508-18P5	11
Alpha Trad Quickdraw 25cm	-	-	-	82g	-	-	A508-25	11
Alpha Trad Trad Set 5	-	-	-	399g	-	-	A508-T5	11
Shield								
Shield	24kN	7kN	10kN	35g	35mm	EN12275:1998/B	A248	12
Shield BLT	24kN	7kN	10kN	35g	35mm	EN12275:1998/B	A248BLT	12
Shield Quickdraw 12cm	-	-	-	79g	-	-	A248-12	12
Shield Quickdraw 12cm - 5 Pack	-	-	-	395g	-	-	A248-12P5	12
Shield Quickdraw 18cm	-	-	-	82g	-	-	A248-18	12
Shield Quickdraw 18cm - 5 Pack	-	-	-	410g	-	-	A248-18P5	12
Shield Quickdraw 25cm	-	-	-	85g	-	-	A248-25	12
Thor								
Thor	28kN	7kN	11kN	36g	27mm	EN12275:1998/B	A388	12
Thor BLT	28kN	7kN	11kN	36g	27mm	EN12275:1998/B	A388BLT	12
Thor Quickdraw 12cm	-	-	-	73g	-	-	A388-12	12
Thor Quickdraw 12cm - 5 Pack	-	-	-	365g	-	-	A388-12P5	12
Thor Quickdraw 18cm	-	-	-	75g	-	-	A388-18	12
Thor Quickdraw 18cm - 5 Pack	-	-	-	375g	-	-	A388-18P5	12
Thor Quickdraw 25cm	-	-	-	77g	-	-	A388-25	12
Thor Trad Set 5	-	-	-	375g	-	-	A388-T5	12
Shadow / Thor Combo Quickdraw								
Shadow/Thor 12cm Combo Quickdraw	-	-	-	80g	-	-	A301-388-12	13
Shadow/Thor 18cm Combo Quickdraw	-	-	-	82g	-	-	A301-388-18	13



Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Weight	Gate Opening	Standards	Cat N°.	Page N°.
Spectre 2								
Spectre 2	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358	14
Spectre 2 Silver- 5 Pack	-	-	-	165g	-	-	A358SI-P5	14
Spectre 2 BLT	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358BLT	14
Spectre 2 Colour Pack	-	-	-	165g	-	-	A358-P5	14
Spectre 2 Blue	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358BL	14
Spectre 2 Gold	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358GL	14
Spectre 2 Green	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358GR	14
Spectre 2 Purple	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358PR	14
Spectre 2 Red	24kN	8kN	9kN	33g	27mm	EN12275:1998/B	A358RD	14
Spectre 2 Quickdraw 12cm	-	-	-	73g	-	-	A358-12	14
Spectre 2 Quickdraw 12cm - 5 pack	-	-	-	365g	-	-	A358-12P5	14
Spectre 2 Quickdraw 18cm	-	-	-	76g	-	-	A358-18	14
Spectre 2 Quickdraw 18cm - 5 pack	-	-	-	380g	-	-	A358-18P5	14
Spectre 2 Quickdraw 25cm	-	-	-	80g	-	-	A358-25	14
Spectre 2 Quickdraw 25cm - 5 pack	-	-	-	400g	-	-	A358-25P5	14
Spectre 2 Trad Set 5	-	-	-	381g	-	-	A358-T5	14
Alpha Sport								
Alpha Sport Straight ( Pro)	24kN	8kN	9kN	44g	22mm	EN12275:1998/B	A521	15
Alpha Sport Bent (Clip)	24kN	8kN	9kN	45g	25mm	EN12275:1998/B	A526	15
Alpha Sport Quickdraw 12cm	-	-	-	104g	-	-	A526-12	15
Alpha Sport Quickdraw 12cm - 5 Pack	-	-	-	520g	-	-	A526-12P5	15
Alpha Sport Quickdraw 18cm	-	-	-	109g	-	-	A526-18	15
Alpha Sport Quickdraw 25cm	-	-	-	114g	-	-	A526-25	15
Alpha Sport Sport Pack	-	-	-	530g	-	-	A526-S5	15
Euro Alpha Sport Wire Hybrid (Straight+Wire) - 12cm	-	-	-	93g	-	-	A521-508-12	15
Euro Alpha Sport Wire Hybrid (Straight+Wire) - 18cm	-	-	-	98g	-	-	A521-508-18	15
Alpha Sport Red								
Alpha Sport Straight ( Pro) - Red	24kN	8kN	9kN	44g	22mm	EN12275:1998/B	A521RD	15
Alpha Sport Bent (Clip) - Red	24kN	8kN	9kN	45g	25mm	EN12275:1998/B	A526RD	15
Alpha Sport Quickdraw 12cm - Red	-	-	-	104g	-	-	A526RD-12VW	15
Alpha Sport Quickdraw 12cm - Red - 5 Pack	-	-	-	520g	-	-	A526RD-12VWP5	15
Alpha Sport Quickdraw 18cm - Red	-	-	-	109g	-	-	A526RD-18VW	15
Alpha Sport Quickdraw 25cm - Red	-	-	-	114g	-	-	A526RD-25VW	15
Alpha Sport Sport Pack	-	-	-	535g	-	-	A526RD-S5	15

Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Weight	Gate Opening	Standards	Cat N°.	Page N°.
Shadow								
Shadow Straight	24kN	9kN	10kN	43g	20mm	EN12275:1998/B	A301	16
Shadow Straight - 5 Pack	-	-	-	86g	-	-	A301- P5	16
Shadow Bent	24kN	9kN	10kN	43g	25mm	EN12275:1998/B	A306	16
Shadow Bent - 5 Pack	-	-	-	86g	-	-	A306-P5	16
Shadow 12cm Quickdraw VW	-	-	-	96g	-	-	A306-12VW	16
Shadow 12cm Quickdraw VW - 5 Pack	-	-	-	480g	-	-	A306-12VWP5	16
Shadow 18cm Quickdraw VW	-	-	-	99g	-	-	A306-18VW	16
Shadow 18cm Quickdraw VW - 5 Pack	-	-	-	495g	-	-	A306-18VWP5	16
Shadow 25cm Quickdraw VW	-	-	-	99g	-	-	A306-25VW	16
Shadow Sport Sport Pack	-	-	-	489g	-	-	A306-S5	16
Shadow (on 11mm Dyneema)								
Shadow 12cm Quickdraw	-	-	-	87g	-	-	A306-12	13
Shadow 12cm Quickdraw - 5 Pack	-	-	-	435g	-	-	A306-12P5	13
Shadow 18cm Quickdraw	-	-	-	89g	-	-	A306-18	13
Shadow 18cm Quickdraw - 5 Pack	-	-	-	445g	-	-	A306-18P5	13
Shadow 25cm Quickdraw	-	-	-	91g	-	-	A306-25	13
Shadow Purple								
Shadow Straight - Purple	24kN	9kN	10kN	43g	20mm	EN12275:1998/B	A301P	16
Shadow Straight - Purple - 5 Pack	-	-	-	86g	-	-	A301P- P5	16
Shadow Bent - Purple	24kN	9kN	10kN	43g	25mm	EN12275:1998/B	A306P	16
Shadow Bent - Purple - 5 Pack	-	-	-	86g	-	-	A306P-P5	16
Shadow 12cm Quickdraw - Purple	-	-	-	96g	-	-	A306P-12VW	16
Shadow 12cm Quickdraw - Purple - 5 Pack	-	-	-	480g	-	-	A306P-12VWP5	16
Shadow 18cm Quickdraw - Purple	-	-	-	99g	-	-	A306P-18VW	16
Shadow 25cm Quickdraw - Purple	-	-	-	495g	-	-	A306P-25VW	16
Shadow Sport Sport Pack - Purple	-	-	-	99g	-	-	A306P-S5	16
Aero								
Aero Straight Gate	24kN	8kN	9kN	47g	26mm	EN12275:1998/B	A221	16
Aero Straight Gate - 5 Pack	-	-	-	235g	-	-	A221-P5	16
Aero Bent Gate	24kN	8kN	9kN	47g	26mm	EN12275:1998/B	A226	16
Aero Bent Gate - 5 Pack	-	-	-	235g	-	-	A226-P5	16
Aero Quickdraw 12cm	-	-	-	110g	-	-	A226-12	16
Aero Quickdraw 12cm - 5 Pack	-	-	-	550g	-	-	A226-12P5	16
Aero Quickdraw 18cm	-	-	-	113g	-	-	A226-18	16
Aero Quickdraw 18cm - 5 Pack	-	-	-	565g	-	-	A226-18P5	16
Aero Sport Sport Pack	-	-	-	559g	-	-	A226-S5	16

Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Weight	Gate Opening	Standards	Cat N°.	Page N°.
Aero Green								
Aero Straight Gate Green	24kN	8kN	9kN	47g	26mm	EN12275:1998/B	A221GR	16
Aero Straight Gate - Green - 5 Pack	-	-	-	235g	-	-	A221GR-P5	16
Aero Bent Gate - Green	24kN	8kN	9kN	47g	26mm	EN12275:1998/B	A226GR	16
Aero Bent Gate - Green - 5 Pack	-	-	-	235g	-	-	A226GR-P5	16
Aero Quickdraw 12cm - Green	-	-	-	110g	-	-	A226GR-12	16
Aero Quickdraw 12cm - Green - 5 Pack	-	-	-	550g	-	-	A226GR-12P5	16
Aero Quickdraw 18cm - Green	-	-	-	113g	-	-	A226GR-18	16
Aero Quickdraw 18cm - Green	-	-	-	565g	-	-	A226GR-18P5	16
Aero Sport Sport Pack	-	-	-	559g	-	-	A226GR-S5	16
Mamba								
Mamba Bent Gate - no sling	25kN	-	10kN	50g	25mm	EN12275:1998/B	A286NS	17
Mamba Plain Gate - no sling	25kN	-	10kN	49g	21mm	EN12275:1998/B	A281	17
Mamba Bent Gate with 12cm x 16mm Nylon QD	23kN	-	-	62g	25mm	EN12275:1998/B	A286-12	17
Steel Alpha								
Steel Alpha Bent	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	C526	18
Steel Alpha Bent with Captive Bar	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	C526CB	18
Steel Alpha Bent with Captive Bar plus 12cm VW QD	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	C526CB-12	18
Steel Alpha Bent with Captive Bar plus 12cm VW QD plus 10mm PPE maillon	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	C526CB-12MR	18
Steel Alpha Bent with Captive Bar plus 18cm VW QD	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	C526CB-18	18
Steel Alpha Bent with Captive Bar plus 18cm VW QD plus 10mm PPE maillon	TBC	TBC	TBC	TBC	TBC	EN12275:1998/B	C526CB-18MR	18
10mm PPE Maillon	TBC	TBC	TBC	TBC	TBC	-	PPENZ10	18
Revolver								
Revolver	24kN	7kN	9kN	51g	24mm	EN12275:1998/B	A238	18
Oval Plain Gate								
Oval Plain Gate	25kN	12kN	7kN	61g	24mm	EN12275:1998/B	A321	19
XSRE								
XSRE Mini Carabiner Green	4kN	-	-	8g	13mm	-	A531GR	19
XSRE Mini Carabiner Red	4kN	-	-	8g	13mm	-	A531RD	19
XSRE Mini Carabiner Turquoise	4kN	-	-	8g	13mm	-	A531TQ	19
XSRE Mini Carabiner Gold	4kN	-	-	8g	13mm	-	A531GL	19
XSRE Mini Carabiner Purple	4kN	-	-	8g	13mm	-	A531PR	19
XSRE Mini Carabiner Blue	4kN	-	-	8g	13mm	-	A531BL	19



Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Dimensions (w x h)	Weight	Gate opening	Standards	Cat N°.	Page N°.
Boa									
Boa HMS Screwgate	25kN	10kN	8kN	81 x 120mm	83g	25mm	EN362:2004/B & T, EN12275:2013/B & H	A892	24
Boa HMS Screwgate - 2 Pack	-	-	-	-	166g	-	-	A892-P2	24
Boa HMS Anti-vibe Screwgate	25kN	10kN	8kN	81 x 120mm	83g	25mm	EN362:2004/B & T, EN12275:2013/B & H	A892AV	24
Boa HMS Screwgate - Blue	25kN	10kN	8kN	81 x 120mm	83g	25mm	EN362:2004/B & T, EN12275:2013/B & H	A892BL	24
Boa HMS Screwgate - Red	25kN	10kN	8kN	81 x 120mm	83g	25mm	EN362:2004/B & T, EN12275:2013/B & H	A892RD	24
Boa HMS Screwgate - Green	25kN	10kN	8kN	81 x 120mm	83g	25mm	EN362:2004/B & T, EN12275:2013/B & H	A892GR	24
Boa HMS Screwgate Colour Pack of 3 (Blue, Red + Green)	-	-	-	-	249g	-	-	A892-P3	24
Boa HMS Kwiklock	25kN	10kN	8kN	81 x 120mm	86g	21mm	EN362:2004/B & T, EN12275:2013/B & H	A893	24
Boa HMS Locksafe	25kN	10kN	8kN	81 x 120mm	86g	21mm	EN362:2004/B & T, EN12275:2013/B & H	A897	24
30kN Boa									
30kN Boa HMS Screwgate	30kN	12kN	9kN	83 x 122mm	95g	24mm	EN362:2004/B & T	A902	24
30kN Boa HMS Anti-vibe Screwgate - Red	30kN	12kN	9kN	83 x 122mm	95g	23mm	EN362:2004/B & T	A902AVRD	24
30kN Boa HMS Kwiklock	30kN	12kN	9kN	83 x 122mm	104g	21mm	EN362:2004/B & T	A903	24
30kN Boa HMS Kwiklock ANSI	30kN	12kN	9kN	83 x 122mm	114g	19mm	EN362:2004/B & T, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A903ANSI	24
30kN Boa HMS Locksafe	30kN	12kN	9kN	83 x 122mm	105g	21mm	EN362:2004/B & T	A907	24
30kN Boa HMS Locksafe Colour Pack of 3 (Blue, Red + Green)	-	-	-	83 x 122mm	285g	-	-	A907-P3	24
30kN Boa HMS Locksafe ANSI	30kN	12kN	9kN	83 x 122mm	116g	19mm	EN362:2004/B & T, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A907ANSI	24
30kN Boa HMS Locksafe ANSI - Red	30kN	12kN	9kN	83 x 122mm	116g	19mm	EN362:2004/B & T, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A907ANSIRD	24
30kN Boa HMS Durolock	30kN	12kN	9kN	83 x 122mm	115g	19mm	EN362:2004/B & T, EN12275:2013/H	A904	24
Klettersteig									
Klettersteig Screwgate	30kN	14kN	10kN	77 x 120mm	85g	26mm	EN362:2004/B & T, EN12275:2013/B & K	A842	25
Klettersteig Anti-vibe Screwgate - Red	30kN	14kN	10kN	77 x 120mm	85g	26mm	EN362:2004/B & T, EN12275:2013/B & K	A842AVRD	25
Klettersteig Kwiklock	30kN	14kN	10kN	77 x 120mm	87g	24mm	EN362:2004/B & T, EN12275:2013/B & K, NFPA 1983(2012) T	A843	25
Klettersteig Kwiklock ANSI	30kN	14kN	10kN	77 x 120mm	105g	21mm	EN362:2004/B & T, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A843ANSI	25
Klettersteig Locksafe	30kN	14kN	10kN	77 x 120mm	91g	24mm	EN362:2004/B & T, EN12275:2013/B & K, NFPA 1983(2012) T	A847	25
Klettersteig Locksafe ANSI	30kN	14kN	10kN	77 x 120mm	109g	21mm	EN362:2004/B & T, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A847ANSI	25
Klettersteig Locksafe ANSI - Red	30kN	14kN	10kN	77 x 120mm	109g	21mm	EN362:2004/B & T, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A847ANSIRD	25
Klettersteig Durolock	30kN	14kN	10kN	77 x 120mm	101g	22mm	EN362:2004/B & T, EN12275:2013/K	A844	25
Zodiac									
Zodiac 12mm Screwgate	32kN	12kN	12kN	66 x 114mm	76g	18mm	EN362:2004/B & T, EN12275:2013/B	A822	25
Zodiac 12mm Screwgate - Pack 2	-	-	-	-	152g	-	-	A822-P2	25
Zodiac 12mm Anti-vibe Screwgate	32kN	12kN	12kN	66 x 114mm	76g	18mm	EN362:2004/B & T, EN12275:2013/B	A822AV	25
Zodiac 12mm Kwiklock	32kN	12kN	12kN	66 x 114mm	79g	18mm	EN362:2004/B & T, EN12275:2013/B	A823	25
Zodiac 12mm Locksafe	32kN	12kN	12kN	66 x 114mm	80g	18mm	EN362:2004/B & T, EN12275:2013/B	A827	25
Belay Master 2									
Belay Master 2	25kN	10kN	8kN	70 x 115mm	95g	20mm	EN362:2004/B & T, EN12275:2013/B & H	A872	26
Belay Master Clip	-	-	-	-	-	-	-	A860-02	26

Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Dimensions (w x h)	Weight	Gate opening	Standards	Cat N°.	Page N°.
Rhino Screwgate									
Rhino Screwgate	27kN	9kN	7kN	75 x 100mm	72g	20mm	EN362:2004/B, EN12275:2013/H	A542	27
Rhino Kwiklock	27kN	9kN	7kN	75 x 100mm	80g	19mm	EN362:2004/B, EN12275:2013/H	A543	27
Rhino Locksafe	27kN	9kN	7kN	75 x 100mm	80g	19mm	EN362:2004/B, EN12275:2013/H	A547	27
Sentinel									
Sentinel HMS Screwgate	24kN	10kn	8kN	66 x 99mm	54g	20mm	EN362:2004/B, EN12275:2013/B & H	A262	28
Sentinel HMS Screwgate - 2 Pack	-	-	-	-	108g	-	-	A262-P2	28
Sentinel HMS Kwiklock	24kN	10kn	8kN	66 x 99mm	58g	17mm	EN362:2004/B, EN12275:2013/B & H	A263	28
Sentinel HMS Locksafe	24kN	10kn	8kN	66 x 99mm	60g	17mm	EN362:2004/B, EN12275:2013/B & H	A267	28
Aero HMS									
Aero HMS Screwgate	25kN	10kN	7kN	69 x 114mm	84g	19mm	EN362:2004/B & T, EN12275:2013/B & H	A362	28
Aero HMS Screwgate - 2 Pack	-	-	-	-	168g	-	-	A362-P2	28
Aero HMS Screwgate - 5 Pack	-	-	-	-	420g	-	-	A362-P5	28
Aero HMS Kwiklock	25kN	10kN	7kN	69 x 114mm	88g	17mm	EN362:2004/B & T, EN12275:2013/B & H	A363	28
Aero HMS Locksafe	25kN	10kN	7kN	69 x 114mm	87g	17mm	EN362:2004/B & T, EN12275:2013/B & H	A367	28
Shadow									
Shadow Screwgate	24kN	7kN	9kN	62 x 102mm	51g	18mm	EN362:2004/B, EN12275:2013/B	A302	30
Shadow Screwgate - 2 Pack	-	-	-	-	102g	-	-	A302-P2	30
Shadow Anti-vibe Screwgate	24kN	7kN	9kN	62 x 102mm	51g	18mm	EN362:2004/B, EN12275:2013/B	A302AV	30
Shadow Screwgate - Blue	24kN	7kN	9kN	62 x 102mm	51g	18mm	EN362:2004/B, EN12275:2013/B	A302BL	30
Shadow Screwgate - Red	24kN	7kN	9kN	62 x 102mm	51g	18mm	EN362:2004/B, EN12275:2013/B	A302RD	30
Shadow Screwgate - Green	24kN	7kN	9kN	62 x 102mm	51g	18mm	EN362:2004/B, EN12275:2013/B	A302GR	30
Shadow Screwgate Colour Pack of 3 (Blue, Red + Green)	-	-	-	-	153g	-	-	A302-P3	30
Shadow Kwiklock	24kN	7kN	9kN	62 x 102mm	58g	17mm	EN362:2004/B, EN12275:2013/B	A303	30
Shadow Locksafe	24kN	7kN	9kN	62 x 102mm	58g	17mm	EN362:2004/B, EN12275:2013/B	A307	30
Shadow Locksafe Colour Pack of 3 (Blue, Red + Green)	-	-	-	-	174g	-	-	A307-P3	30
Phantom									
Phantom Screwgate	24kN	8kN	9kN	54 x 94mm	42g	15mm	EN362:2004/B, EN12275:2013/B	A312	31
Phantom Screwgate - 2 Pack	-	-	-	-	84g	-	-	A312-P2	31
Aero Screwgate									
Aero Screwgate	25kN	9kN	9kN	62 x 102mm	59g	17mm	EN362:2004/B, EN12275:2013/B	A372	31
Aero Screwgate - 2 Pack	-	-	-	-	118g	-	-	A372-P2	31
Aero Screwgate - 5 Pack	-	-	-	-	296g	-	-	A372-P5	31
Ultra D									
Ultra D Screwgate	30kN	12kN	7kN	77 x 117mm	68g	22mm	EN362:2004/B & T, EN12275:2013/B	A332	32
Ultra D Kwiklock	30kN	12kN	7kN	77 x 117mm	74g	22mm	EN362:2004/B & T, EN12275:2013/B	A333	32
Ultra D Kwiklock ANSI	30kN	12kN	7kN	77 x 117mm	101g	16mm	EN362:2004/B & T, EN12275:2013/B, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011"	A333ANSI	32
Ultra D Locksafe	30kN	12kN	7kN	77 x 117mm	75g	22mm	EN362:2004/B & T, NFPA 1983(2012) T	A337	32
Ultra D Locksafe ANSI	30kN	12kN	7kN	77 x 117mm	100g	16mm	EN362:2004/B & T, EN12275:2013/B, ANSI/ASSE Z359.12 (2009), CAN/CSA Z259.12 - 2011	A337ANSI	32



Product	Strength (Major Axis)	Strength (Minor Axis)	Strength (Gate Open)	Dimensions (w x h)	Weight	Gate opening	Standards	Cat Nº.	Page Nº.
Ultra O									
Ultra O Screwgate	25kN	12kN	7kN	66 x 109mm	68g	22mm	EN362:2004/B & T, EN12275:2013/B	A322	32
Ultra O Anti-vibe Screwgate	25kN	12kN	7kN	66 x 109mm	68g	22mm	EN362:2004/B & T, EN12275:2013/B	A322AV	32
Ultra O Screwgate - Blue	25kN	12kN	7kN	66 x 109mm	68g	22mm	EN362:2004/B & T, EN12275:2013/B	A322BL	32
Ultra O Screwgate - Red	25kN	12kN	7kN	66 x 109mm	68g	22mm	EN362:2004/B & T, EN12275:2013/B	A322RD	32
Ultra O Screwgate - Green	25kN	12kN	7kN	66 x 109mm	68g	22mm	EN362:2004/B & T, EN12275:2013/B	A322GR	32
Ultra O Screwgate Colour Pack of 3 (Blue, Red + Green)	-	-	-	-	204g	-	-	A322-P3	32
Ultra O Kwiklock	25kN	12kN	7kN	66 x 109mm	74g	18mm	EN362:2004/B & T, EN12275:2013/B	A323	32
Ultra O Locksafe	25kN	12kN	7kN	66 x 109mm	75g	18mm	EN362:2004/B & T, EN12275:2013/B	A327	32
Ultra O Locksafe Colour Pack of 3 (Blue, Red + Green)	-	-	-	-	225g	-	-	A327-P3	32
Revolver									
Revolver Screwgate	24kN	8kN	8kN	60 x 109mm	64g	16mm	EN362:2004/B, EN12275:2013/B	A272	33
Revolver Kwiklock	24kN	8kN	8kN	60 x 109mm	68g	15mm	EN362:2004/B, EN12275:2013/B	A273	33
Revolver Locksafe	24kN	8kN	8kN	60 x 109mm	70g	15mm	EN362:2004/B, EN12275:2013/B	A277	33
Steel I-Beam Ultra O									
Steel I-Beam Ultra O Screwgate	36kN	-	-	TBC	160g	TBC	EN362:2004/B	C322	34
Steel I-Beam Ultra O Kwiklock	36kN	-	-	TBC	175g	20mm	EN362:2004/B	C323	34
Steel I-Beam Ultra O Locksafe	36kN	-	-	TBC	178g	19mm	EN362:2004/B	C327	34
Steel I-Beam Shadow									
Steel I-Beam Shadow Screwgate	50kN	-	-	TBC	145g	TBC	EN362:2004/B	C302	34
Steel I-Beam Shadow Kwiklock	50kN	-	-	TBC	160g	TBC	EN362:2004/B	C303	34
Steel I-Beam Shadow Locksafe	50kN	-	-	TBC	163g	TBC	EN362:2004/B	C307	34
Steel I-Beam Klettersteig									
Steel I-Beam Klettersteig Screwgate	50kN	-	-	TBC	225g	TBC	EN362:2004/B	C84K2	35
Steel I-Beam Klettersteig Kwiklock	50kN	-	-	TBC	267g	23mm	EN362:2004/B	C84K3	35
Steel I-Beam Klettersteig Locksafe	50kN	-	-	TBC	270g	24mm	EN362:2004/B	C84K7	35
Steel I-Beam Boa									
Steel I-Beam Boa Screwgate	45kN	-	-	TBC	247g	TBC	EN362:2004/B	C892	35
Steel I-Beam Boa Kwiklock	45kN	-	-	TBC	262g	23mm	EN362:2004/B	C893	35
Steel I-Beam Boa Locksafe	45kN	-	-	TBC	265g	23mm	EN362:2004/B	C897	35
Steel 10mm Equal D									
Steel 10mm Equal D Screwgate	30kN	-	-	54 x 105mm	172g	15mm	EN362:2004/B & T	C412	36
Steel 10mm Equal D Kwiklock	30kN	-	-	54 x 105mm	187g	15mm	EN362:2004/B & T	C413	36
Steel 10mm Equal D Kwiklock ANSI	30kN	-	-	54 x 105mm	200g	14mm	EN362:2004/B & T, CAN/CSA Z259.12 - 2011	C413ANSI	36
Steel 10mm Equal D Locksafe	30kN	-	-	54 x 105mm	190g	15mm	EN362:2004/B & T	C417	36
Steel 10mm Equal D Locksafe ANSI	30kN	-	-	54 x 105mm	202g	11mm	EN362:2004/B & T, CAN/CSA Z259.12 - 2011	C417ANSI	36

Product	Strength	Passive Strength	Weight	Colour	Range	Standards	Cat Nº.	Page Nº.
Dragon Cams								
Dragon 00	9kN	10kN	75g	Blue	13.6 - 25mm	EN12276:1999	A70500A	40
Dragon 0	12kN	10kN	85g	Silver	16 - 25.7mm	EN12276:1999	A7050A	40
Dragon 1	14kN	10kN	97g	Purple	20 - 33mm	EN12276:1999	A7051A	40
Dragon 2	14kN	10kN	106g	Green	24 - 41mm	EN12276:1999	A7052A	40
Dragon 3	14kN	10kN	119g	Red	29 - 50mm	EN12276:1999	A7053A	40
Dragon 4	14kN	10kN	148g	Gold	38 - 64mm	EN12276:1999	A7054A	40
Dragon 5	14kN	10kN	195g	Blue	50 - 85mm	EN12276:1999	A7055A	40
Dragon 6	14kN	10kN	276g	Silver	68 - 114mm	EN12276:1999	A7056A	40
Dragon 00-1	-	-	257g	-	-	-	A70500/1A	40
Dragon 2-4	-	-	373g	-	-	-	A7052/4A	40
Dragon 0-5	-	-	750g	-	-	-	A7050/5A	40
Demon Cams								
Demon 0	14kN	10kN	84g	Blue	13 - 19mm	EN12276:1999	A7200A	41
Demon 0.5	14kN	10kN	90g	Red	17 - 24mm	EN12276:1999	A7205A	41
Demon 1	14kN	10kN	97g	Gold	19 - 29mm	EN12276:1999	A7210A	41
Demon 1.5	14kN	10kN	101g	Silver	23 - 35mm	EN12276:1999	A7215A	41
Demon 2	14kN	10kN	113g	Red	29 - 44mm	EN12276:1999	A7220A	41
Demon 2.5	14kN	10kN	127g	Gold	33 - 55mm	EN12276:1999	A7225A	41
Demon 3	14kN	10kN	154g	Purple	43 - 66mm	EN12276:1999	A7230A	41
Demon 3.5	14kN	10kN	181g	Blue	51 - 82mm	EN12276:1999	A7235A	41
Demon 4	14kN	10kN	221g	Silver	64 - 100mm	EN12276:1999	A7240A	41
Demon 1/2 Set (Half sizes 0.5, 1.5, 2.5)	-	-	318g	-	-	-	A7205/25A	41
Demon Set (Whole sizes 1, 2, 3)	-	-	364g	-	-	-	A7210/30A	41
4CU's								
4CU Size 0	12kN/14kN	10kN	75g	Blue	13 - 19mm	EN12276:1999	A7010A	41
4CU Size 0.5	12kN/14kN	10kN	80g	Red	17 - 24mm	EN12276:1999	A7011A	41
4CU Size 1	12kN/14kN	10kN	93g	Gold	19 - 29mm	EN12276:1999	A7012A	41
4CU Size 1.5	12kN/14kN	10kN	97g	Silver	23 - 35mm	EN12276:1999	A7014A	41
4CU Size 2	12kN/14kN	10kN	110g	Red	29 - 44mm	EN12276:1999	A7016A	41
4CU Size 2.5	12kN/14kN	10kN	123g	Gold	33 - 55mm	EN12276:1999	A7017A	41
4CU Size 3	12kN/14kN	10kN	151g	Purple	43 - 66mm	EN12276:1999	A7018A	41
4CU Size 3.5	12kN/14kN	10kN	185g	Blue	51 - 82mm	EN12276:1999	A7019A	41
4CU Size 4	12kN/14kN	10kN	224g	Silver	64 - 100mm	EN12276:1999	A7020A	41
4CU 1/2 Set (Half sizes 0.5, 1.5, 2.5)	-	-	300g	-	-	-	A70025A	41
4CU 1/2 Set (Whole sizes 1, 2, 3)	-	-	354g	-	-	-	A701123A	41

Product	Strength	Weight	Colour	Range	Cat Nº.	Page Nº.
Wallnuts						
Wallnut No.1	7kN/4kN	15g	Purple	6.7 - 14.3mm	A1611A	42
Wallnut No.2	9kN	26g	Green	8.1 - 15.8mm	A1612A	42
Wallnut No.3	11kN	28g	Silver	9.4 - 16.5mm	A1613A	42
Wallnut No.4	12kN	30g	Gold	11.0 - 17.6mm	A1614A	42
Wallnut No.5	12kN	32g	Blue	13.2 - 19.4mm	A1615A	42
Wallnut No.6	12kN	39g	Red	15.6 - 22.6mm	A1616A	42
Wallnut No.7	12kN	40g	Grey	18.9 - 25.8mm	A1617A	42
Wallnut No.8	12kN	45g	Turquoise	22.3 - 25.7mm	A1618A	42
Wallnut No.9	12kN	50g	Gold	25.2 - 32.1mm	A1619A	42
Wallnut No.10	12kN	56g	Silver	28.8 - 32.6mm	A1620A	42
Wallnut No.11	12kN	68g	Green	33.1 - 37.4mm	A1621A	42
Wallnut Set 1-11	-	425g	-	-	A1611/21A	42
Wallnut Set 1-6	-	168g	-	-	A1611/16A	42
Wallnut Set 3-8	-	214g	-	-	A1613/18A	42
Wallnut Set 7-11	-	257g	-	-	A1617/21A	42
HB Alloy Offsets						
HB Alloy Offset 7	12kN	27g	Gold	12.0 - 15.1mm	A1817A	42
HB Alloy Offset 8	12kN	30g	Blue	13.5 - 17.9mm	A1818A	42
HB Alloy Offset 9	12kN	37g	Red	17.1 - 21.4mm	A1819A	42
HB Alloy Offset 10	12kN	45g	Grey	19.4 - 25.1mm	A1820A	42
HB Alloy Offset 11	12kN	56g	Turquoise	23.2 - 30.0mm	A1821A	42
HB Alloy Offset Set 7-11	-	195g	-	-	A1817/21A	42
Torque Nuts						
Torque Nut 1	14kN	54g	Green	31.0 - 41.0mm	A1741	43
Torque Nut 2	14kN	70g	Red	36.0 - 49.0mm	A1742	43
Torque Nut 3	14kN	104g	Gold	44.0 - 59.0mm	A1743	43
Torque Nut 4	14kN	146g	Blue	54.0 - 71.0mm	A1744	43
Torque Nut Set 1-4	-	374g	-	-	A1741/44	43
Protection Packages						
Wallnut set 1-11, Alloy Offset set 7-11.	-	620g	-	6.7 - 37.4mm	NUTSET1	44
Wallnut set 1-11, Torque set 1-4.	-	799g	-	6.7 - 71mm	NUTSET2	44
Wallnut set 1-11, Alloy Offset set 7-11, Torque set 1-4	-	994g	-	6.7 - 71mm	NUTSET3	44



Product	Strength	Weight	Colour	Range	Standard	Cat N°.	Page N°.
Peenuts							
Peenut 1	4kN	9g	Red	6.5 - 11.5mm	EN12270:1998	A1511A	45
Peenut 2	5kN	10g	Grey	6.8 - 12.1mm	EN12270:1998	A1512A	45
Peenut 3	5kN	10g	Purple	7.8 - 12.7mm	EN12270:1998	A1513A	45
Peenut 4	8kN	16g	Green	8.9 - 13.2mm	EN12270:1998	A1514A	45
Peenut 5	8kN	18g	Silver	9.2 - 13.9mm	EN12270:1998	A1515A	45
Peenut Set 1-5	-	63g	-	-	-	A1511/15A	45
Micro Wallnuts							
Wallnut No.00	2kN	6g	Gold	4.0 - 9.7mm	EN12270:1998	A1600A	45
Wallnut No.0	2kN	6g	Blue	4.6 - 10.8mm	EN12270:1998	A1610A	45
Wallnut No.0.5	4kN/3kN	9g	Red	5.1 - 11.7mm	EN12270:1998	A1658A	45
Wallnut No.0.75	4kN/3kN	10g	Grey	5.9 - 12.6mm	EN12270:1998	A1659A	45
Wallnut Set No.00-0.75	-	31g	-	-	-	A1600/59A	45
I.M.P's Brass Nuts							
I.M.P. Brass Nut 1	4kN	4g	Blue	4.0 - 5.6mm	EN12270:1998	A1721	46
I.M.P. Brass Nut 2	5kN	8g	Red	4.8 - 6.4mm	EN12270:1998	A1722	46
I.M.P. Brass Nut 3	5kN	10g	Silver	6.4 - 7.9mm	EN12270:1998	A1723	46
I.M.P. Brass Nut 4	7kN	13g	Purple	7.9 - 9.5mm	EN12270:1998	A1724	46
I.M.P. Brass Nut 5	7kN	16g	Green	9.5 - 11.7mm	EN12270:1998	A1725	46
I.M.P. Brass Nut Set 2-4	-	31g	-	-	-	A1722/24	46
I.M.P. Brass Nut Set 1-5	-	51g	-	-	-	A1721/25	46
HB Brass Offsets							
HB Brass Offset 0	2kN	4g	Gold	3.7 - 5.5mm	EN12270:1998	A1700	47
HB Brass Offset 1	4kN	7g	Blue	4.3 - 6.5mm	EN12270:1998	A1701	47
HB Brass Offset 2	5kN	9g	Red	5.6 - 7.5mm	EN12270:1998	A1702	47
HB Brass Offset 3	5kN	10g	Grey	6.0 - 8.5mm	EN12270:1998	A1703	47
HB Brass Offset 4	7kn	14g	Purple	7.5 - 10.2mm	EN12270:1998	A1704	47
HB Brass Offset 5	7kn	17g	Green	8.6 - 11.7mm	EN12270:1998	A1705	47
HB Brass Offset 6	10kN	24g	Silver	9.8 - 13.9mm	EN12270:1998	A1706	47
HB Brass Offset Set 2-4	-	33g	-	-	-	A1702/04	47
HB Brass Offset Set 1-6	-	85g	-	-	-	A1701/06	47
Nut Tools							
Nutbuster	-	57g	-	-	-	C1251	47
Nutbuster Rubber	-	-	-	-	-	C1252-01	47

Product	Weight	Rope Diameter	Standard	Cat N°.	Page N°.
Mantis					
Mantis - Orange	45g	7.5 - 11mm	EN15151-2	A11650R	51
Mantis - Purple	45g	7.5 - 11mm	EN15151-2	A1165PR	51
Mantis - BLT	45g	7.5 - 11mm	EN15151-2	A1165BLT	51
Pivot					
Pivot - Blue	72g	7.5 - 11mm	EN15151-2	A1160BL	50
Pivot - Red	72g	7.5 - 11mm	EN15151-2	A1160RD	50
Pivot - Green	72g	7.5 - 11mm	EN15151-2	A1160GR	50
Grip					
Grip - Orange	TBC	8.6 - 11mm	EN15151-2	A11400R	42
Grip - Purple	TBC	8.6 - 11mm	EN15151-2	A1140PR	42
Bug					
The Bug	83g	9 - 11mm	-	A1180	53
Bug/Belay Master 2 Set	175g	-	-	A1180/872	53
Bugette					
The Bugette	27g	7.5 - 9.5mm	-	A1195	53
Anka					
Anka	169g	-	-	A1100	54
Cardiac Arrester					
Cardiac Arrester	133g	-	-	A1110	54
Figure of Eight					
Figure of Eight	116g	-	-	A1150	54
Figure of Eight + Belay Master	208g	-	-	A1150/872	

Product	Length	Weight	Weight with pick weights	Standards	Cat N°.	Page N°.
Switch						
Switch Axe	50cm	640g	686g	EN13089:2011	A0291	56
Switch Hammer	50cm	632g	678g	EN13089:2011	A0292	56
Apex						
Apex Axe	50cm	629g	673g	EN13089:2011	A0281	57
Apex Hammer	50cm	614g	658g	EN13089:2011	A0282	57
Fly						
Fly Axe	50cm	718g	-	EN13089:2011	A0271	57
Fly Hammer	50cm	721g	-	EN13089:2011	A0272	57
Raptor						
Raptor Alpine Axe	50cm	644g	-	EN13089:2011	A0251	58
Raptor Alpine Hammer	55cm	664g	-	EN13089:2011	A0252	58
Raptor Alpine Axe	50cm	665g	-	EN13089:2011	A0253	58
Raptor Alpine Hammer	55cm	685g	-	EN13089:2011	A0254	58
Cirque						
Cirque Alpine Axe	50cm	565g	-	EN13089:2011	A0241	58
Cirque Alpine Axe	55cm	583g	-	EN13089:2011	A0242	58
Cirque Alpine Axe	60cm	604g	-	EN13089:2011	A0243	58
Cirque Alpine Axe	65cm	626g	-	EN13089:2011	A0244	58
Cirque Alpine Hammer	50cm	591g	-	EN13089:2011	A0246	58

Product	Weight	Cat N°.	Page N°.
Current Axe Spares			
Switch/Apex - Mix Compact Adze	156g	C0281	59
Switch/Apex - Mix Hammer	141g	C0282	59
Switch/Apex - Ice Compact Adze	152g	C0283	59
Switch/Apex - Ice Hammer	137g	C0284	59
Switch/Apex - Mix Mountain Adze	195g	C0285	59
Pick Weights Set + Bolts	44g	C0286	59
Fly / Raptor Mix Pick Adze 2012 onwards	-	C0273	59
Fly /Raptor Mix Pick Hammer 2012 onwards	-	C0274	59
Raptor /Fly Alpine Pick - Adze 2012 onwards	-	C0261	59
Raptor /Fly Alpine Pick - Hammer 2012 onwards	-	C0262	59
Fly / Apex Top Hand Rest	-	A0270-30	59
Fly / Apex Bottom Hand Rest	-	A0270-31	59
Switch, Apex, Fly, Raptor Bolt set (x2) post 2005	-	A1450S	59

Product	Weight	Strength	Cat N°.	Page N°.
Crampon spares				
Ice points (pair)	-	-	C6004	62
Mixed Points (pair)	-	-	C6005	62
Terminator AB plates	145g	-	A6001	62
Aiguille,gladiator, Summit AB plates	-	-	A6101	62
Bulldog				
Bulldog - Ice Anchor	150g	15kN	C1375	61
Terrier				
Terrier - Ice Anchor	73g	15kN	C1385	61
Deadman				
Deadman - Red	360g	-	A1300	61
Revolution Ice Screw				
Revolution Ice Screw	126g	10kN	A6613	61
Revolution Ice Screw	148g	10kN	A6617	61

Product	Weight	Cat N°.	Page N°.
Freedom Leash			
Freedom Leash	42g	A0130	60
Freedom Leash/Phantom Pack	94g	A0130-318	60
Grippy Grip Tape			
Grippy Grip Tape	37g	A0PIB-3	60
Standard Leash			
Standard Leash	33g	A0156	60
Choke Hold Leash			
Choke Hold Leash	33g	A1359	60

Product	Cat N°.	Page N°.
Ice Axe Spares for Discontinued Items		
Rebel / Anarchist pick - B type	C0224	-
Rebel / Anarchist Hammer	S0225	-
Rebel / Anarchist Adze	S0226	-
Rebel Trigger	TRIGGER	-
Rebel / Anarchist bolts (3) Pre 2006	A0227S	-
Rebel / Anarchist bolts [16mm](3) post 2006	A0220S	-
Xeno Adze Pick - T Type	C0183	-
Xeno Adze Pick - B Type	C0185	-
Xeno Pick/Hammer - T Type	C0184	-
Xeno Pick/Hammer - B Type	C0186	-
Venom Pick/Adze	C0193	-
Venom Pick/Hammer	C0194	-
Raptor Technical Pick/Adze Unit	A0150-01	-
Raptor Technical Pick/Hammer Unit	A0150-04	-
Raptor Alpine Pick/Adze Unit	A0160-23	-
Raptor Alpine Pick/Hammer Unit	A0160-26	-
Fly / Raptor Bolt Set (x2) pre 2005	A1250S	-
Switch, Apex, Fly, Raptor Bolt set (x2) post 2005	A1450S	-
Alien/Predator Adze	A1350AM	-
Alien/Predator Hammerhead	A1350H	-
Alien/Predator Bolt Set (3)	A1350S	-
Predator Pick	A1350IP	-
Alien Pick	A1350AL	-
Alien smooth talker pick	A1350ST	-
Fly Pick/Hammer Unit T Type	A0174	-
Fly Pick/Hammer Unit B Type	A0174B	-



Product	Strength	WLL	Dimensions	Rope Diameter	Weight	Standard	Cat N°.	Page N°.
Buddy Back up Device								
Buddy 100	-	-	95 x 78 x 28.5mm	10.5 - 11mm	192g	EN353:2002	BUD100	64
Buddy 200	-	-	95 x 78 x 28.5mm	11 - 13mm	192g	ANSI Z359.1 (2007)	BUD200	64
Catch	-	-	95 x 78 x 28.5mm	11mm	315g	EN12841:2006 Type A/B	CTC100	64
Triple Attacheement Pulley								
Triple Attacheement Pulley Red	30kN	-	94 x 68 x 33mm	-	133g	EN12278:2007, NFPA 1983 (2012 ED) Class T	PUL100RD	66
Triple Attacheement Pulley BLT	30kN	-	94 x 68 x 33mm	-	133g	EN12278:2007, NFPA 1983 (2012 ED) Class T	PUL100BLT	66
Triple Attacheement Rapide Pulley	30kN	-	94 x 68 x 33mm	-	135g	EN12278:2007, NFPA 1983 (2012 ED) Class T	PUL10ORAPIDE	66
Pinto Pulley								
Pinto Pulley	50kN	10kN	90 x 43 x 32mm	14mm	114g	EN12278:2007, NFPA 1983 (2012 ED) Class G	PUL110	67
Pinto Spacer	-	-	12mm (w)/15mm hole diameter	-	-	-	PUL110-SPA	67
Pinto Rig Pulley	50kN	10kN	100 x 48 x 37mm	16mm	162g	EN 12278:2007, NFPA 1983 (2012 ED) Class G	PUL120	67
Pinto Rig Spacer	-	-	14mm (w)/15mm hole diameter	-	-	-	PUL120-SPA	67
Axis Swivels								
Axis Swivel Small	36kN	7kN	80 x 50 x 33mm	-	117g	NFPA 1983 (2012 ED) Class G	SW100	65
Axis Swivel Large	50kN	10kN	96 x 60 x 39mm	-	184g	NFPA 1983 (2012 ED) Class G	SW200	65
Bat Rigging Plates								
X Small Bat Rigging Plate	36kN	7kN	62 x 62 x 10mm	-	37g	NFPA 1983 (2012 ED) Class G	RIG-XS-OR	66
Small Bat Rigging Plate	60kN	12kN	129 x 95 x 10mm	-	159g	NFPA 1983 (2012 ED) Class G	RIG-S-RD	66
Medium Bat Rigging Plate	60kN	12kN	189 x 97 x 10mm	-	247g	NFPA 1983 (2012 ED) Class G	RIG-M-BL	66
Large Bat Rigging Plate	60kN	12kN	249 x 99 x 10mm	-	322g	NFPA 1983 (2012 ED) Class G	RIG-L-GL	66
RPM Shackles								
Swivel Shackle Single Axle (Body only - no Cartridge)	50kN	10kN	TBC	TBC	TBC	TBC	SW210	65
Swivel Shackle Single Axle (Inc Twin Sheave Cartridge)	50kN	10kN	TBC	TBC	TBC	TBC	SW212	65
Swivel Shackle Double Axle (Body only - no Cartridge)	50kN	10kN	TBC	TBC	TBC	TBC	SW220	65
Swivel Shackle Double Axle (Inc Twin Sheave Cartridge)	50kN	10kN	TBC	TBC	TBC	TBC	SW222	65
Shackle Single Sheave Cartridge	50kN	10kN	TBC	TBC	TBC	TBC	SW230	65
Shackle Twin Sheave Cartridge	50kN	10kN	TBC	TBC	TBC	TBC	SW240	65
Shackle Rig Plate Cartridge	50kN	10kN	TBC	TBC	TBC	TBC	SW250	65
Shackle Termination Cartridge	50kN	10kN	TBC	TBC	TBC	TBC	SW260	65
Shackle Webbing Connection Cartridge	50kN	10kN	TBC	TBC	TBC	TBC	SW270	65
Shackle Pip Pin	50kN	10kN	TBC	-	TBC	TBC	SW210-12	65
EZE 6mm OV (65cm)	50kN	10kN	TBC	-	TBC	TBC	SW280	65
Sirius 10mm - 15m Static Low Stretch Rope	50kN	10kN	TBC	-	TBC	TBC	RP920BK-15	65
Sirius 10mm - 30m Static Low Stretch Rope	50kN	10kN	TBC	-	TBC	TBC	RP920BK-30	65
DMM Swivel Shackle Assembly 15m	50kN	10kN	TBC	TBC	TBC	TBC	SW212/ 222-15	65
DMM Swivel Shackle Assembly 30m	50kN	10kN	TBC	TBC	TBC	TBC	SW212/ 222-30	65

Product	Size	Waist cm	Waist in	Legs cm	Legs in	Weight	Standards	Cat N°.	Page N°.
Maverick 2									
Maverick 2	S	TBC	TBC	TBC	TBC	TBC	TBC	TBC	72
Maverick 2	M	TBC	TBC	TBC	TBC	TBC	TBC	TBC	72
Maverick 2	L	TBC	TBC	TBC	TBC	TBC	TBC	TBC	72
Mithril									
Mithril	S	TBC	TBC	TBC	TBC	TBC	TBC	TBC	72
Mithril	M	TBC	TBC	TBC	TBC	TBC	TBC	TBC	72
Mithril	L	TBC	TBC	TBC	TBC	TBC	TBC	TBC	72
Vertesse									
Vertesse	XS	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Vertesse	S	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Vertesse	M	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Vertesse	L	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Venture									
Venture	XS	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Venture	S	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Venture	M	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Venture	L	TBC	TBC	TBC	TBC	TBC	TBC	TBC	73
Renegade 2									
Renegade 2 Small	S	64 - 79	25 - 31	45 - 58	18 - 23	395g	EN12277:2007 type C	RENE2-S	74
Renegade 2 Medium	M	75 - 91	30 - 36	50 - 63	20 - 25	415g	EN12277:2007 type C	RENE2-M	74
Renegade 2 Large	L	87 - 104	34 - 41	55 - 70	22 - 28	450g	EN12277:2007 type C	RENE2-L	74
Renegade Pro 2									
Renegade Pro 2 Small	S	64 - 79	25 - 31	45 - 58	18 - 23	395g	EN12277:2007 type C	RENEPRO2-S	74
Renegade Pro 2 Medium	M	75 - 91	30 - 36	50 - 63	20 - 25	415g	EN12277:2007 type C	RENEPRO2-M	74
Renegade Pro 2 Large	L	87 - 104	34 - 41	55 - 70	22 - 28	450g	EN12277:2007 type C	RENEPRO2-L	74
Puma 2									
Puma 2 Extra Small	XS	57 - 69	22 - 27	43 - 52	17 - 20	350g	EN12277:2007 type C	PUMA2-XS	75
Puma 2 Small	S	61 - 71	24 - 28	47 - 56	19 - 22	370g	EN12277:2007 type C	PUMA2-S	75
Puma 2 Medium	M	66 - 80	26 - 31	53 - 62	21 - 24	395g	EN12277:2007 type C	PUMA2-M	75
Puma 2 Large	L	75 - 91	30 - 36	58 - 67	23 - 26	430g	EN12277:2007 type C	PUMA2-L	75
Viper 2									
Viper 2 Small	S	64 - 79	25 - 31	45 - 58	18 - 23	365g	EN12277:2007 type C	VIPE2-S	74
Viper 2 Medium	M	75 - 91	30 - 36	50 - 63	20 - 25	400g	EN12277:2007 type C	VIPE2-M	74
Viper 2 Large	L	87 - 104	34 - 41	55 - 70	22 - 28	435g	EN12277:2007 type C	VIPE2-L	74
Viper 2 Pack									
Viper Pack 2 Small	S	64 - 79	25 - 31	45 - 58	18 - 23	-	-	VIPEPK2-S	74
Viper Pack 2 Medium	M	75 - 91	30 - 36	50 - 63	20 - 25	-	-	VIPEPK2-M	74
Viper Pack 2 Large	L	87 - 104	34 - 41	55 - 70	22 - 28	-	-	VIPEPK2-L	74

Product	Size	Waist cm	Waist in	Legs cm	Legs in	Weight	Standards	Cat N°.	Page N°.
Vixen									
Vixen Extra Small	XS	57 - 69	22 - 27	43 - 52	17 - 20	345g	EN12277:2007 type C	VIX-XS	75
Vixen Small	S	61 - 71	24 - 28	47 - 56	19 - 22	360g	EN12277:2007 type C	VIX-S	75
Vixen Medium	M	66 - 80	26 - 31	53 - 62	21 - 24	370g	EN12277:2007 type C	VIX-M	75
Vixen Large	L	75 - 91	30 - 36	58 - 67	23 - 26	410g	EN12277:2007 type C	VIX-L	75
Vixen Pack									
Vixen Pack Extra Small	XS	57 - 69	22 - 27	43 - 52	17 - 20	-	-	VIXPK-XS	75
Vixen Pack Small	S	61 - 71	24 - 28	47 - 56	19 - 22	-	-	VIXPK-S	75
Vixen Pack Medium	M	66 - 80	26 - 31	53 - 62	21 - 24	-	-	VIXPK-M	75
Vixen Pack Large	L	75 - 91	30 - 36	58 - 67	23 - 26	-	-	VIXPK-L	75
Super Couloir									
Super Couloir Small	S	68 - 90	27 - 35	50 - 55	20 - 22	340g	EN12277:2007 type C	COUL-S	77
Super Couloir Medium	M	79 - 100	31 - 39	60 - 70	24 - 28	350g	EN12277:2007 type C	COUL-M	77
Super Couloir Large	L	90 - 114	35 - 45	65 - 75	26 - 30	385g	EN12277:2007 type C	COUL-L	77
Super Couloir Extra Large	XL	100 - 130	39 - 51	70 - 80	28 - 31	395g	EN12277:2007 type C	COUL-XL	77
Tomcat									
Tomcat	One	50 - 75	20 - 30	40 - 50	16 - 20	385g	EN12277:2007 type C	TOMC	76
Tom Kitten									
Tom Kitten	One	30 - 62	19 - 25	23 - 55	9 - 22	330g	EN12277:2007 type B	TOMK	76
Bandolier									
Bandolier	One	-	-	-	-	135g	-	BANDOLIER	79
Brenin									
Brenin Regular	Regular	45 - 125	18 - 49	45 - 80	18 - 31	450g	EN12277:2007 type C	BRENIN	77
Brenin Extra Large	XL	55 - 155	22 - 61	50 - 85	20 - 33	470g	EN12277:2007 type C	BRENINXL	77
Alpine									
Alpine Regular	Regular	40 - 125	16 - 49	40 - 70	16 - 28	405g	EN12277:2007 type C	ALPINE	78
Alpine Extra Large	XL	60 - 150	24 - 59	50 - 90	20 - 35	425g	EN12277:2007 type C	ALPINEXL	78
Alpine Restraining Straps	-	-	-	-	-	-	-	RSALPINE	78
Alpinegear Loop	-	-	-	-	-	-	-	GLALPINE	78
Alpine ABS Regular	Regular	40 - 125	16 - 49	40 - 70	16 - 28	405g	EN12277:2007 type C	ALPINEABS-REG	78
Alpine ABS Extra Large	XL	60 - 150	24 - 59	50 - 90	20 - 35	425g	EN12277:2007 type C	ALPINEABS XL	78
Chest Harness									
Chest Harness	One	75 - 115	30 - 45	-	-	310g	EN12277:2007 type D	CHESTH	79



Product	Colour	mm	Length	Weight (g/m)	N° of UIAA Falls	Imp force	% of sheath	Standards	Cat N°.	Page N°.
<b>Migrant 8.2mm</b>										
Migrant	Green	8.2mm	50m	46g	11	6.3kN	31	EN892:2012	RP211GR-50	84
Migrant	Green	8.2mm	60m	46g	11	6.3kN	31	EN892:2012	RP211GR-60	84
Migrant	Purple	8.2mm	50m	46g	11	6.3kN	31	EN892:2012	RP211PR-50	84
Migrant	Purple	8.2mm	60m	46g	11	6.3kN	31	EN892:2012	RP211PR-60	84
<b>Prophet 8.5mm</b>										
Prophet	Blue	8.5mm	50m	49g	14	6.4kN	46	EN892:2012	RP201BL-50	84
Prophet	Blue	8.5mm	60m	49g	14	6.4kN	46	EN892:2012	RP201BL-60	84
Prophet	Red	8.5mm	50m	49g	14	6.4kN	46	EN892:2012	RP201RE-50	84
Prophet	Red	8.5mm	60m	49g	14	6.4kN	46	EN892:2012	RP201RE-60	84
<b>New Breed 9.4mm</b>										
New Breed	Orange	9.4mm	50m	59g	6	8.8kN	39	EN892:2012	RP212SB-50	84
New Breed	Orange	9.4mm	60m	59g	6	8.8kN	39	EN892:2012	RP212SB-60	84
New Breed	Orange	9.4mm	70m	59g	6	8.8kN	39	EN892:2012	RP212SB-70	84
New Breed	Orange	9.4mm	80m	59g	6	8.8kN	39	EN892:2012	RP212SB-80	84
<b>Prodigy 9.8mm</b>										
Prodigy	Blue	9.8mm	50m	61g	7	8.7kN	38	EN892:2012	RP202BL-50	84
Prodigy	Blue	9.8mm	60m	61g	7	8.7kN	38	EN892:2012	RP202BL-60	84
Prodigy	Blue	9.8mm	70m	61g	7	8.7kN	38	EN892:2012	RP202BL-70	84
Prodigy	Blue	9.8mm	80m	61g	7	8.7kN	38	EN892:2012	RP202BL-80	84
<b>Project 10.0mm</b>										
Project	Gold	10mm	50m	54g	8	8.7kN	38	EN892:2012	RP203GO-50	85
Project	Gold	10mm	60m	54g	8	8.7kN	38	EN892:2012	RP203GO-60	85
Project	Gold	10mm	70m	54g	8	8.7kN	38	EN892:2012	RP203GO-70	85
Project	Gold	10mm	80m	54g	8	8.7kN	38	EN892:2012	RP203GO-80	85
<b>Concept 10.0mm</b>										
Concept	Blue	10mm	50m	65g	7	9kN	38	EN892:2012	RP103NA-50	86
Concept	Blue	10mm	60m	65g	7	9kN	38	EN892:2012	RP103NA-60	86
Concept	Blue	10mm	70m	65g	7	9kN	38	EN892:2012	RP103NA-70	86
Concept	Blue	10mm	80m	65g	7	9kN	38	EN892:2012	RP103NA-80	86
<b>Shorty 10.0mm</b>										
Shorty	Green	10mm	30m	62g	5	8.9kN	37	EN892:2012	RP107GR-30	87
Shorty	Green	10mm	40m	62g	5	8.9kN	37	EN892:2012	RP107GR-40	87
Shorty	Copper	10mm	30m	62g	5	8.9kN	37	EN892:2012	RP107CO-30	87
Shorty	Copper	10mm	40m	62g	5	8.9kN	37	EN892:2012	RP107CO-40	87

Product	Colour	mm	Length	Weight (g/m)	N° of UIAA Falls	Imp force	% of sheath	Standards	Cat N°.	Page N°.
<b>Statement 10.0mm</b>										
Statement	Green	10mm	1m	62g	5	8.9kN	37	EN892:2012	RP102GR	86
Statement	Green	10mm	50m	62g	5	8.9kN	37	EN892:2012	RP102GR-50	86
Statement	Green	10mm	60m	62g	5	8.9kN	37	EN892:2012	RP102GR-60	86
Statement	Green	10mm	70m	62g	5	8.9kN	37	EN892:2012	RP102GR-70	86
Statement	Green	10mm	100m	62g	5	8.9kN	37	EN892:2012	RP102GR-100	86
Statement	Green	10mm	300m	62g	5	8.9kN	37	EN892:2012	RP102GR-300	86
Statement	Green	10mm	1000m	62g	5	8.9kN	37	EN892:2012	RP102GR-1000	86
Statement	Copper	10mm	1m	62g	5	8.9kN	37	EN892:2012	RP102CO	86
Statement	Copper	10mm	50m	62g	5	8.9kN	37	EN892:2012	RP102CO-50	86
Statement	Copper	10mm	60m	62g	5	8.9kN	37	EN892:2012	RP102CO-60	86
Statement	Copper	10mm	70m	62g	5	8.9kN	37	EN892:2012	RP102CO-70	86
Statement	Copper	10mm	100m	62g	5	8.9kN	37	EN892:2012	RP102CO-100	86
Statement	Copper	10mm	300m	62g	5	8.9kN	37	EN892:2012	RP102CO-300	86
Statement	Copper	10mm	1000m	62g	5	8.9kN	37	EN892:2012	RP102CO-1000	86
<b>Mission 10.2mm</b>										
Mission	Red	10.2mm	50m	68g	8	8.9g	37	EN892:2012	RP104RD-50	87
Mission	Red	10.2mm	60m	68g	8	8.9g	37	EN892:2012	RP104RD-60	87
<b>Dynamo 11mm</b>										
Dynamo	Red	11mm	200m	79g	12	9.1kN	37	EN892:2012	RP199RD-200	87
Dynamo	Red	11mm	500m	79g	12	9.1kN	37	EN892:2012	RP199RD-500	87
<b>Super Big Jim</b>										
Super Big Jim	Green	10.5m	1m	70g	9	8.5kN	40	EN892:2012	RP192GR	87
Super Big Jim	Green	10.5m	100m	70g	9	8.5kN	40	EN892:2012	RP192GR-100	87
Super Big Jim	Green	10.5m	300m	70g	9	8.5kN	40	EN892:2012	RP192GR-300	87
Super Big Jim	Red	10.5m	1m	70g	9	8.5kN	40	EN892:2012	RP192GR	87
Super Big Jim	Red	10.5m	100m	70g	9	8.5kN	40	EN892:2012	RP192RD-100	87
Super Big Jim	Red	10.5m	300m	70g	9	8.5kN	40	EN892:2012	RP192RD-300	87
Concept	Blue	10mm	70m	65g	7	9kN	38	EN892:2012	RP103NA-70	87
Concept	Blue	10mm	80m	65g	7	9kN	38	EN892:2012	RP103NA-80	87
<b>Shorty 10.0mm</b>										
Shorty	Green	10mm	30m	62g	5	8.9kN	37	EN892:2012	RP107GR-30	87
Shorty	Green	10mm	40m	62g	5	8.9kN	37	EN892:2012	RP107GR-40	87
Shorty	Copper	10mm	30m	62g	5	8.9kN	37	EN892:2012	RP107CO-30	87
Shorty	Copper	10mm	40m	62g	5	8.9kN	37	EN892:2012	RP107CO-40	87

Product	Colour	Diameter	Length	Weight (g/m)	Standards	Cat N°.	Page N°.
<b>Worksafes 11mm</b>							
Worksafes	White/Blue/Grey	11mm	50m	75g	EN1891:1998	RP901WI-50	88
Worksafes	White/Blue/Grey	11mm	100m	75g	EN1891:1998	RP901WI-100	88
Worksafes	White/Blue/Grey	11mm	200m	75g	EN1891:1998	RP901WI-200	88
Worksafes	White/Blue/Grey	11mm	700m	75g	EN1891:1998	RP901WI-700	88
Worksafes	Black	11mm	200m	75g	EN1891:1998	RP901BK-200	88
Worksafes	Black	11mm	700m	75g	EN1891:1998	RP901BK-700	88
<b>Worksafes Plus 10mm</b>							
Worksafes Plus	White/Red/Grey	10mm	50m	66g	EN1891:1998	RP910WI-50	88
Worksafes Plus	White/Red/Grey	10mm	100m	66g	EN1891:1998	RP910WI-100	88
Worksafes Plus	White/Red/Grey	10mm	200m	66g	EN1891:1998	RP910WI-200	88
Worksafes Plus	White/Red/Grey	10mm	700m	66g	EN1891:1998	RP910WI-700	88
Worksafes Plus	White/Red/Grey	10.5mm	50m	72g	EN1891:1998	RP915WI-50	88
Worksafes Plus	White/Red/Grey	10.5mm	100m	72g	EN1891:1998	RP915WI-100	88
Worksafes Plus	White/Red/Grey	10.5mm	200m	72g	EN1891:1998	RP915WI-200	88
Worksafes Plus	White/Red/Grey	10.5mm	700m	72g	EN1891:1998	RP915WI-700	88
Worksafes Plus	White/Red/Grey	11mm	50m	75g	EN1891:1998	RP911WI-50	88
Worksafes Plus	White/Red/Grey	11mm	100m	75g	EN1891:1998	RP911WI-100	88
Worksafes Plus	White/Red/Grey	11mm	200m	75g	EN1891:1998	RP911WI-200	88
Worksafes Plus	White/Red/Grey	11mm	700m	75g	EN1891:1998	RP911WI-700	88
<b>Rope Protector</b>							
Rope Protector	Blue	-	50cm	-	-	ROPEPROTECT50	88
Rope Protector	Blue	-	100cm	-	-	ROPEPROTECT100	88
<b>Accessory Cord</b>							
Accessory Cord	Blue	2mm	100m	0.6kN	EN564:2006	RP002BL-100	89
Accessory Cord	Indigo	3mm	100m	2.4kN	EN564:2006	RP003NA-100	89
Accessory Cord	Violet	4mm	100m	4.1kN	EN564:2006	RP004PR-100	89
Accessory Cord	Red	5mm	100m	6.2kN	EN564:2006	RP005RD-100	89
Accessory Cord	Orange	6mm	100m	9.8kN	EN564:2006	RP006GD-100	89
Accessory Cord	Yellow	7mm	100m	13.4kN	EN564:2006	RP007YE-100	89
Accessory Cord	Green	8mm	100m	16.8kN	EN564:2006	RP008GR-100	89
<b>Slings Dyneema 8mm</b>							
Dyneema Sling (with retainer)	Gold	8mm	12cm	22kN	EN566:2006	SP081ZAS	90
Dyneema Sling (with retainer)	Grey	8mm	18cm	22kN	EN566:2006	SP081BAS	90
Dyneema Sling (with retainer)	Red	8mm	25cm	22kN	EN566:2006	SP082SAS	90
Dyneema Sling (open)	Assorted	8mm	30cm	22kN	EN566:2006	SP0830	90
Dyneema Sling (open)	Assorted	8mm	60cm	22kN	EN566:2006	SP0860	90
Dyneema Sling (open)	Assorted	8mm	120cm	22kN	EN566:2006	SP081Z0	90
Dyneema Sling (open)	Assorted	8mm	240cm	22kN	EN566:2006	SP08240	90
Dyneema Sling (open)	Assorted	8mm	400cm	22kN	EN566:2006	SP08400	90

Product	Colour	Diameter	Length	Strength	Standards	Cat N°.	Page N°.
<b>Slings Dyneema 11mm</b>							
Dyneema Sling (with retainer)	Gold	11mm	12cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP111ZAS	90
Dyneema Sling (with retainer)	Grey	11mm	18cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP111BAS	90
Dyneema Sling (with retainer)	Red	11mm	25cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP111SAS	90
Dyneema Sling (open)	Assorted	11mm	18cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP1118	90
Dyneema Sling (open)	Assorted	11mm	25cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP1125	90
Dyneema Sling (open)	Assorted	11mm	30cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP1130	90
Dyneema Sling (open)	Assorted	11mm	60cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP1160	90
Dyneema Sling (open)	Assorted	11mm	120cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP11120	90
Dyneema Sling (open)	Assorted	11mm	240cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	SP11240	90
<b>Slings Nylon 16mm</b>							
Nylon Sling (with retainer)	Gold	16mm	12cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	MA161ZAS	90
Nylon Sling (with retainer)	Grey	16mm	18cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	MA161BAS	90
Nylon Sling (open)	Assorted	16mm	60cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	MA1660	90
Nylon Sling (open)	Assorted	16mm	120cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	MA16120	90
Nylon Sling (open)	Assorted	16mm	240cm	22kN	EN566:2006, EN354:2010, EN795(b):2012	MA16240	90
<b>Nylon Vari-width Slings</b>							



Product	Colour	Volume	Weight	Back length	Cat N°.	Page N°.
Zenith Multi Pitch Sack						
Zenith Grey	Grey	18l	580g	46cm	BC10GY	94
Zenith Red	Red	18l	580g	46cm	BC10RD	94
Zenith Green	Green	18l	580g	46cm	BC10GR	94
Flight Sport Sack						
Flight Grey	Grey	45l	1560g	49cm	BC11GY	95
Flight Red	Red	45l	1560g	49cm	BC11RD	95
Flight Green	Green	45l	1560g	49cm	BC11GR	95
Vector Trad Sack						
Vector Grey	Grey	45l	1225g	49cm	BC12GY	96
Vector Red	Red	45l	1225g	49cm	BC12RD	96
Vector Green	Green	45l	1225g	49cm	BC12GR	96
Void Duffel						
Void Small	Green	45l	1050g	-	BC13-S	96
Void Medium	Red	75l	1140g	-	BC13-M	96
Void Large	Grey	100l	1560g	-	BC13-L	96
Classic Rope Bag						
Classic Rope Bag	Grey	-	-	-	RB21GY	98
Classic Rope Bag	Blue	-	-	-	RB21BL	98
Classic Rope Bag	Red	-	-	-	RB21RD	98
Classic Rope Bag	Green	-	-	-	RB21GR	98
Pitcher Rope Bag						
Pitcher Rope Bag	Grey	-	-	-	RB22GY	98
Pitcher Rope Bag	Blue	-	-	-	RB22BL	98
Pitcher Rope Bag	Red	-	-	-	RB22RD	98
Pitcher Rope Bag	Green	-	-	-	RB22GR	98
Porter Rope Bag						
Porter Rope Bag	Black	45l	-	-	BI23BLK-45	99
Porter Rope Bag	Black	70l	-	-	BI23BLK-70	99
Transit Rope Bag						
Transit Rope Bag	Black	30l	-	-	BI22BLK-30	99
Transit Rope Bag	Black	45l	-	-	BI22BLK-45	99
Tool Bag						
Tool Bag	Black	4l	-	-	BI21BLK-4	99
Tool Bag	Black	6l	-	-	BI21BLK-6	99

Product	Colour	Cat N°.	Page N°.
Edge Boulder Chalk Bag			
Edge Boulder Chalk Bag	Grey	CB24GY	100
Edge Boulder Chalk Bag	Blue	CB24BL	100
Edge Boulder Chalk Bag	Red	CB24RD	100
Edge Boulder Chalk Bag	Green	CB24GR	100
Edge Boulder Chalk Bag	Black	CB24BK	100
Trad Chalk Bag			
Trad Chalk Bag Grey	Grey	CB23GY	100
Trad Chalk Bag Blue	Blue	CB23BL	100
Trad Chalk Bag Red	Red	CB23RD	100
Trad Chalk Bag Green	Green	CB23GR	100
Trad Chalk Bag Black	Black	CB23BK	100
Traction Chalk Bag			
Traction Chalk Bag Grey	Grey	CB22GY	100
Traction Chalk Bag Blue	Blue	CB22BL	100
Traction Chalk Bag Red	Red	CB22RD	100
Traction Chalk Bag Green	Green	CB22GR	100
Tube Chalk Bag			
Tube Chalk Bag Grey	Grey	CB21GY	100
Tube Chalk Bag Blue	Blue	CB21BL	100
Tube Chalk Bag Red	Red	CB21RD	100
Tube Chalk Bag Green	Green	CB21GR	100
Chalk Bag Belt			
Chalk Bag Belt	Assorted	CB1506	101

Product	Colour	Thickness	Width (Open)	Height (Open)	Weight	Cat N°.	Page N°.
Spot 2 Bouldering Mat							
Spot 2	Blue	7cm	100cm	100cm	3.2kg	BMAT-SPOT2	103
Dyno Bouldering Mat							
Dyno	Red	9cm	130cm	100cm	6.4kg	BMAT-DYNO	103
Dyno Hard Foam - 1 sheet	-	1.5cm	-	-	-	BMAT-DH	103
Dyno Soft Foam - 1 sheet	-	6.5cm	-	-	-	BMAT-DS	103
Highball Bouldering Mat							
Highball	Green	10.5cm	122cm	99cm	5.4kg	BMAT-HBALL	104
Highball	Yellow	10.5cm	122cm	99cm	5.4kg	BMAT-HBALL	104
Highball Hard Foam - 1 sheet	-	3cm	-	-	-	BMAT-HH	104
Highball Soft Foam - 1 sheet	-	4.5cm	-	-	-	BMAT-HS	104

Product	Size	Colour	Cat N°.	Page N°.
Mens T Shirt				
Mens T Shirt	S	Red	SM2RD-S	106
Mens T Shirt	M	Red	SM2RD-M	106
Mens T Shirt	L	Red	SM2RD-L	106
Mens T Shirt	XL	Red	SM2RD-XL	106
Mens T Shirt	S	Brown	SM2BR-S	106
Mens T Shirt	M	Brown	SM2BR-M	106
Mens T Shirt	L	Brown	SM2BR-L	106
Mens T Shirt	XL	Brown	SM2BR-XL	106
Mens T Shirt	S	Blue	SM2BL-S	106
Mens T Shirt	M	Blue	SM2BL-M	106
Mens T Shirt	L	Blue	SM2BL-L	106
Mens T Shirt	XL	Blue	SM2BL-XL	106
Mens T Shirt	S	Green	SM2GR-S	106
Mens T Shirt	M	Green	SM2GR-M	106
Mens T Shirt	L	Green	SM2GR-L	106
Mens T Shirt	XL	Green	SM2GR-XL	106
Womens T Shirt				
Womens T Shirt	8	Red	SW2RD-8	107
Womens T Shirt	10	Red	SW2RD-10	107
Womens T Shirt	12	Red	SW2RD-12	107
Womens T Shirt	14	Red	SW2RD-14	107
Womens T Shirt	8	Blue	SW2BL-8	107
Womens T Shirt	10	Blue	SW2BL-10	107
Womens T Shirt	12	Blue	SW2BL-12	107
Womens T Shirt	14	Blue	SW2BL-14	107
Womens T Shirt	8	Green	SW2GR-8	107
Womens T Shirt	10	Green	SW2GR-10	107
Womens T Shirt	12	Green	SW2GR-12	107
Womens T Shirt	14	Green	SW2GR-14	107

Product	Size	Colour	Cat N°.	Page N°.
Mens Hoodie				
Mens Hoodie	S	Green	SM1GR-S	107
Mens Hoodie	M	Green	SM1GR-M	107
Mens Hoodie	L	Green	SM1GR-L	107
Mens Hoodie	XL	Green	SM1GR-XL	107
Mens Hoodie	S	Grey	SM1GY-S	107
Mens Hoodie	M	Grey	SM1GY-M	107
Mens Hoodie	L	Grey	SM1GY-L	107
Mens Hoodie	XL	Grey	SM1GY-XL	107
Womens Hoodie				
Womens Hoodie	Blue	8	SW1BL-8	107
Womens Hoodie	Blue	10	SW1BL-10	107
Womens Hoodie	Blue	12	SW1BL-12	107
Womens Hoodie	Blue	14	SW1BL-14	107
Womens Hoodie	Cream	8	SW1GY-8	107
Womens Hoodie	Cream	10	SW1GY-10	107
Womens Hoodie	Cream	12	SW1GY-12	107
Womens Hoodie	Cream	14	SW1GY-14	107
Kids hoodies				
Kids Hoodie	Red	7/8	SKIRD-S	107
Kids Hoodie	Red	9/10	SKIRD-M	107
Kids Hoodie	Red	11/12	SKIRD-L	107

Product	size	Colour	Weight	Cat N°.	Page N°.
Ascent Helmets					
Ascent	54 - 62cm	Orange	375g	HELM-O	111
Ascent	54 - 62cm	White	375g	HELM-W	111
Ascent Kids	48 - 57cm	Orange	340g	HELMK-O	111
Ascent Kids	48 - 57cm	White	340g	HELMK-W	111
Ascent Industrial	54 - 62cm	Orange	409g	HELM-IND-O	111
Ascent Industrial	54 - 62cm	White	409g	HELM-IND-W	111
Gym Shoes					
Velcro Gym Shoes	3	Red	-	RBOOT-GYM3	111
Velcro Gym Shoes	4	Red	-	RBOOT-GYM4	111
Velcro Gym Shoes	5	Red	-	RBOOT-GYM5	111
Velcro Gym Shoes	6	Red	-	RBOOT-GYM6	111
Velcro Gym Shoes	7	Red	-	RBOOT-GYM7	111
Velcro Gym Shoes	8	Red	-	RBOOT-GYM8	111
Velcro Gym Shoes	9	Red	-	RBOOT-GYM9	111
Velcro Gym Shoes	10	Red	-	RBOOT-GYM10	111
Velcro Gym Shoes	11	Red	-	RBOOT-GYM11	111
Velcro Gym Shoes	12	Red	-	RBOOT-GYM12	111
Velcro Gym Shoes	13	Red	-	RBOOT-GYM13	111

Product	Weight	Size	Cat N°.	Page N°.
Chalk				
Chalk Ball	56g	-	DMMCBALLS	112
Chalk Tub	100g	-	DMMCTUB	113
Crushed Chalk Bag	250g	-	DMMCBAG	113
Liquid Chalk	-	200ml	DMMCLIQUID	113
Finger Tape	-	25mm x 10m	DMMCF25	113



# Bespoke Services

DMM are in the very fortunate position of having their own production facility in North Wales that can produce both cutting edge forged and machined metal products and then sew them into technically advanced textile safety systems.

We concentrate on producing our trademark premium products for the DMM brand, but also work with a number of partners to manufacture bespoke products and systems for them.

The level of customisation we can offer varies hugely from a complete design, prototyping and manufacturing service for forged and CNC'd components, to simple customisation of colours or markings.

For further information or to discuss your bespoke product requirements please do not hesitate to contact us.

## Simple Customisation

The simple customisation has become very popular amongst customers who want a unique colour of product to fit into their brand image or to enable them to easily identify or date their stock.



CUSTOM COLOURS

## Unique Customisation

Another common customisation is adding a unique name or reference number to a product to aid in internal administration.

We can also produce custom product for an event.



CUSTOM SERIAL NUMBER FOR IDENTIFICATION



CUSTOM COLOURS AND LOGOS



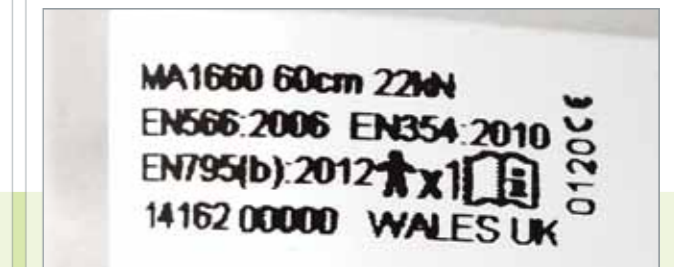
EVENT SPECIFIC CUSTOMISATIONS

## Sewn Product Customisation

Customisation options also extend to our sewn products where we can sew bespoke lengths of sling in a variety of technical Dyneema, Nylon and polyester webbings that are suitable for safety critical environments.

We can also add unique reference numbers or names to all the slings that we manufacture.

Our sewing capabilities extend from basic bar tacking of webbings to webbing harness manufacture and termination of ropes to produce custom lanyards.



CUSTOMISED SLING TEXT, NUMBERS AND LOGOS



# Awards & Standards



## CE MARKING & PRODUCT CONFORMANCE



The CE marking process is known as 'Type Examination' and is an important supplement to our Quality Management System. In line with the requirements of European Union Personal Protective Equipment [PPE] Directive 89/686/EEC, all products designed and manufactured by DMM which are classified as PPE are independently Type Examined and tested to the relevant European Standard for Mountaineering & Industrial Fall Arrest. Only after meeting the requirements of the PPE Directive and the relevant European Standard are we allowed to mark 0120CE [the "CE" mark] on our products, type examination and CE marking is a legal requirement in Europe for all height safety PPE whether for industrial or leisure use.

BS EN ISO 9001:2008 compliance and CE marking/ product conformance are monitored by CEN [Committee for European Normalization. Notified Body No. 0120 [SGS UK Ltd., Weston-Super-Mare, Somerset, UK]. It is also a legal requirement that we maintain our Quality Management System as part of the PPE Directive 'CE' marking process.

In addition, many DMM products also conform to other non-European standards (for example ANSI and CAN/CSA for North American conformance). More information about these products can be found on our web site or by enquiring directly to our Sales Team.

## UIAA CONFORMANCE "UIAA SAFETY LABELS".



The UIAA stands for the Union of International Alpinists Associations and it is a body which promotes the safety and interests of all parties involved in mountaineering and related activities worldwide. The UIAA publish standards for mountaineering equipment which supplement the requirements of the corresponding European Standards mentioned above.

A list of DMM UIAA certified products can be found on their website: [www.uiia.ch](http://www.uiia.ch) in the link "Safety labels".

## 3-SIGMA TESTING



This is our system for setting and monitoring the strength ratings as marked on our products, in line with the minimum requirements of the relevant European and other Standards, the '3 Sigma Testing' method. DMM were the first company in our industry to use this Statistical Quality Control [SQC] technique. Using test data derived from samples tested to destruction at the design stage we can set the strength rating of the product. We then have a system of ongoing batch testing which monitors and ensures that the 3 Sigma Rated Strength is maintained and actually exceeded.

Part of our philosophy at DMM is to continue to improve the breaking strength of our products in excess of the standards which may be required. We do this to lessen the chance of failure in situations and conditions which might not be reflected in the standard but which we know as climbers ourselves can cause product failure.

## GUARANTEE

DMM guarantees their products for three years against any defects in materials or manufacture. The guarantee does not cover this product for normal wear through usage, incorrect storage, poor maintenance, accidental damage, negligence, any modifications or alterations, corrosion, or for any usage for which this product was not designed.

## BS EN ISO 9001:2008 QUALITY MANAGEMENT SYSTEM



The Quality Management System maintained by DMM is registered to BS EN ISO 9001:2008 Quality Management System Requirements. The main aim of this system is reflected in our Mission Statement:

**"Together each one of us will make a better, safer product for our customers"**

Our system has evolved and continues to evolve as a result of nearly 30 years of development, investment and improvement to all of our activities. 'Quality' both actual and perceived is our number one objective, reflecting the fact that each and every day thousands of people around the world rely on DMM products to save their lives. Our system is audited and supervised by SGS (UK) Ltd & other independent third party auditors (e.g. customers & potential customers, trading standards and other regulatory bodies) at regular intervals to ensure continuing compliance to the requirements of BS EN ISO9001:2008, and as part of our commitment to continuous improvement.

## INVESTOR IN PEOPLE



DMM were the first manufacturing company in Wales to be registered to the Investor in People [IIP] standard [July 1992] & in November 2012 achieved recognition to the latest version of this important standard. This standard is people orientated & its main objectives are: [a] to develop strategies to improve the performance of the organisation through its people; [b] to ensure that the organisation takes action in order to improve its performance through its people; and [c] to evaluate the impact of this investment in people on the performance of the organisation. IIP is more than just a training system. The IIP system is a key mechanism that helps us to target areas for improvement in all aspects of the business.

For more information on any of these areas, please visit our website at: [www.dmmwales.com](http://www.dmmwales.com)

## DISCLAIMER

Climbing is potentially a very dangerous activity. Equipment aside, judgement, common sense and experience are vital ingredients to keeping you safe. Any person reading this brochure is responsible for getting the proper instruction in the techniques and equipment necessary for climbing and assumes all responsibility for injuries incurred by yourself or those injuries you inflict on others. DMM International make no attempt to offer instruction of any kind, nor should you assume that information you read here is an adequate substitute for instruction or experience. No claim is made about the suitability of this information for any purpose, either stated or implied. By reading this information, you accept full responsibility for its use, and any consequences of that use.

DMM makes every effort to ensure the information in this brochure is correct and up to date. However we reserve the right to change product specification when or if deemed necessary. DMM International cannot be held responsible for any inaccuracies or omissions. If in doubt please ask!

## CONNECT WITH DMM

[www.dmmwales.com](http://www.dmmwales.com)







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