



DMM

**STEEPED IN
TRADITION
COMMITTED TO
INNOVATION**

**PRODUCT
BROCHURE
2009/2010**

DMM

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FOREWORD

Very often we get asked to summarise what makes DMM stand out from its competitors in the marketplace, and it is difficult to reply with a quick answer. However the answer is right here in front of us in the form of our Quality Policy Statement, which admirably sums up the core objectives of DMM.

QUALITY POLICY STATEMENT

1. All employees, contractors and suppliers at DMM are reminded of the special nature of the Company's output, where our customers often rely upon our products in truly life or death situations.

This is reflected in our Mission Statement:

"TOGETHER, EACH ONE OF US WILL MAKE A SAFER, BETTER PRODUCT FOR OUR CUSTOMERS"

2. DMM recognises that to stay ahead of its global competition it must continuously improve the quality of its finished products and service. The Company's Corporate Plan contains the Quality Strategies that enable us to achieve this objective.

3. DMM's Quality System is designed to ensure that all areas of the Company's operations are maintained to give a consistent standard of finished product and customer service. This output must meet Customer Specifications and all relevant National and International Standards.

4. The Quality System is described in the Quality Assurance Manual and complies with the requirements of Quality Management System Standard ISO 9001:2000. A copy of this standard and the Company's Quality Assurance Manual can be seen by contacting the Quality Office at DMM.

5. It is vitally important that all DMM staff understands the Quality Objectives of all tasks they are given. If in doubt they are always encouraged to ask for guidance. All employees can make a real contribution to maintaining and improving the Quality of DMM's products and processes and the service it gives to its customers.

6. The responsibility for the operation of the Quality System rests with the Group Quality Assurance Manager, Mr Bill Cannock.

7. The future success of the Company depends on all employees working together to implement, improve and maintain the Quality Objectives of the Company.

Authorised on behalf of the Board of Directors
by Richard Cuthbertson [Company Chairman] M.B.E., D.L., F.R.S
Reviewed and updated 21st May 2009.

INTRODUCING DMM INTERNATIONAL

In much the same way as we have referred to the Quality Policy Statement as holding true to the values which were deemed important when the company was emerging, it is also very telling to refer to some other previous literature which again reinforces and confirms how the company has always been, from the very beginning, at the forefront of climbing equipment manufacture.

The below is an excerpt from the 1983 DMM International Company Catalogue:


"THE FEATHERLIGHT"

"Weighing only 44 grams, this carabiner represents the state of the art in modern rock climbing gear. Over 20% lighter than competitors equivalents – you can carry five Featherlights for the same weight as four of theirs!

It has an excellent action, small nose to allow clipping of awkward pegs and bolts, and a profiled gate which saves weight and gives positive location in use.

Featherlight – THE protection for the up and coming climber."

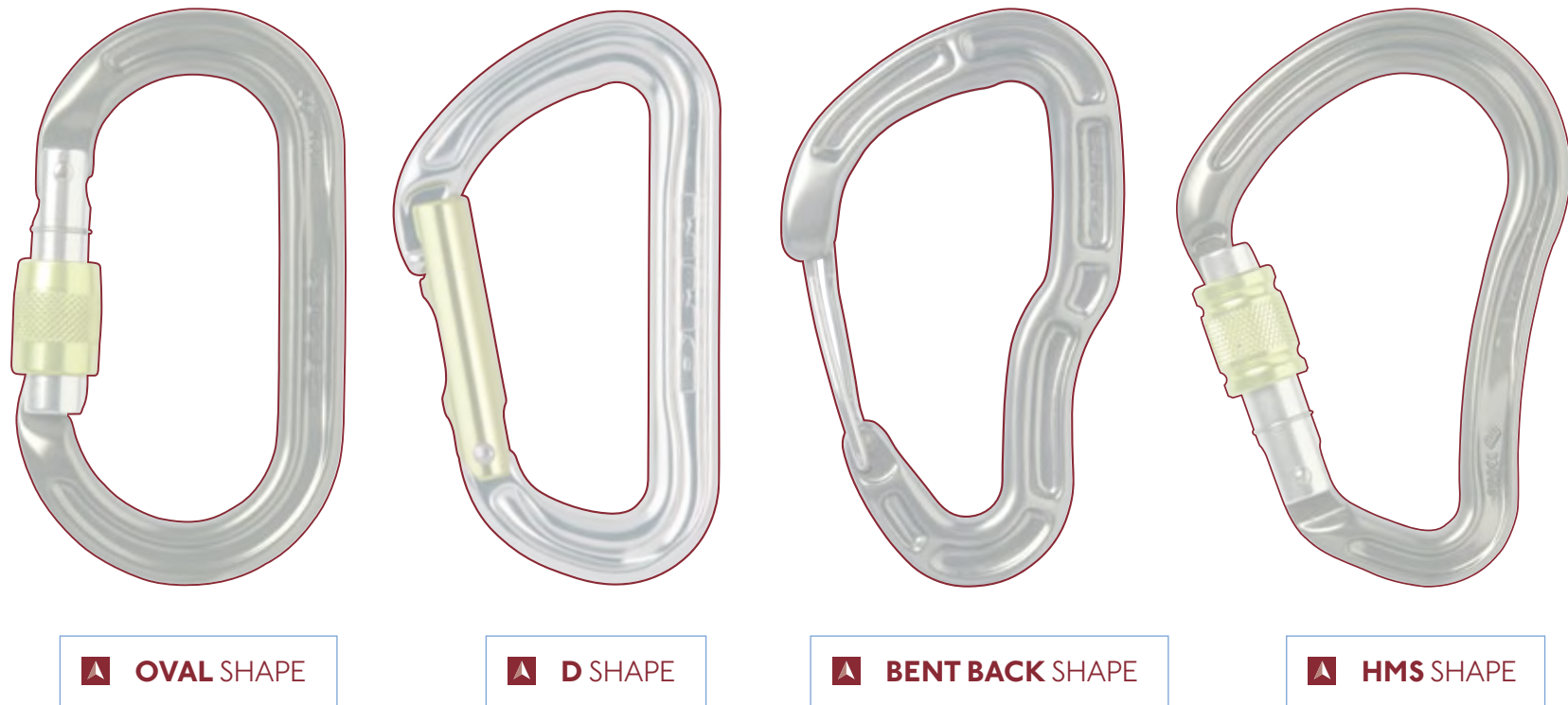
Its easy to see that over the years this situation has been repeated again and again. Featherlight, Bettabrake, Truclip, Cobra, Mamba, Predator, Terminator, Prowire, Wirelock, 4 CU Camming Units, Rebel, Anarchist, Phantom, were all firsts in their fields and now Dragon cams about which you can read later in this catalogue. These are our first camming units to have Hot Forged cams, and once again demonstrates the expertise, knowledge and experience we have collected together in one place here in Llanberis North Wales. Dragon Cams, another world first from DMM, Hot Forged in Wales.

 The disused Dinorwig Slate Quarries by the DMM factory. At its peak the quarry employed around 3000 men. Today, the smooth sheets of rock left behind are popular with climbers.

PHOTOGRAPH © RAY WOOD

CARABINER STRENGTH

Carabiners come in all shapes and sizes, and therefore all have different advantages or drawbacks. Ovals are great for racking or aid climbing and using with pulleys. Offset D shapes are great all rounders. Bent back versions are preferred by some, who find them easier to hold and HMS type biners are ideal for belaying. The key is to choose the right carabiner to suit the purpose.



CARABINER GATE TYPES

Straight gate biners are used on the top end of quickdraws for clipping wires, pegs or bolts. Bent gates are ideal for clipping the rope, and as such are used on the bottom end of the quickdraw. Wire gates are lighter, less prone to gate flutter (accidental opening of the gate) and won't freeze up in winter. Incidentally they are just as strong as a solid gate.



CARABINER CLOSURES

We have three types of closure. Screwgate, Quicklock (double action) and Locksafe (triple action). For a more detailed description of each and a visual demonstration consult our website at:

www.dmmwales.com



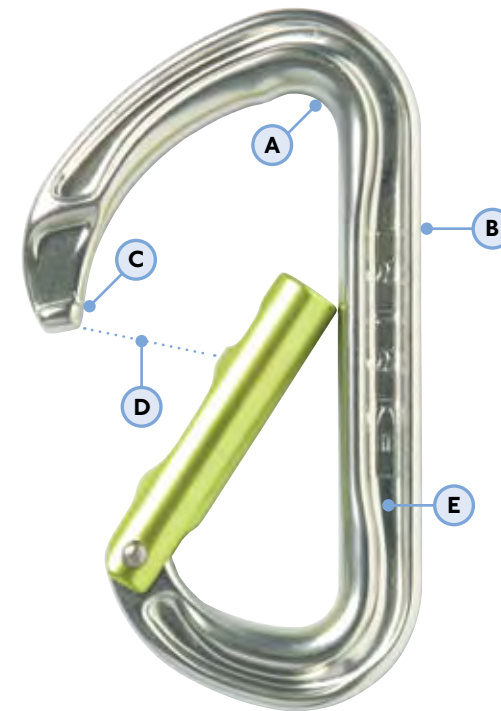
STRENGTH & I.D. MARKINGS

Every DMM carabiner carries two distinct sets of markings. The first set, along the flat beam indicate the strengths of the product. The second set is found on the spine of the carabiner in the form of a unique serial number. The number allows every single item to be individually traced back to its original date and order of production.



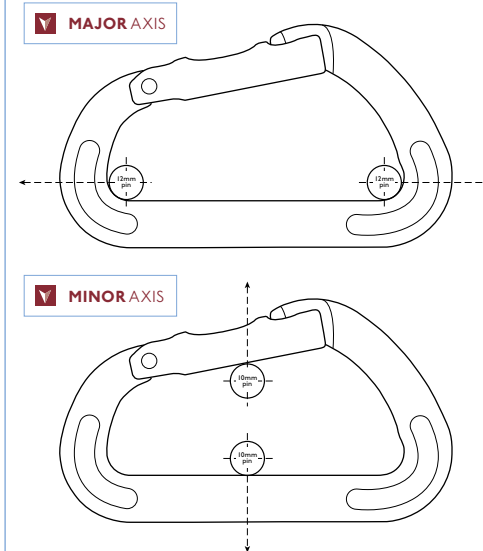
- A** Gate Closed strength
 - B** Gate Open strength
 - C** Minor Axis strength
 - D** EEC Directive to which products adhere
- A** Year of manufacture [09 - 2009]
 - B** The day of the year the product was marked [119th day]
 - C** Individual serial number [1003th component marked that day]
 - D** Machine that serialized the product [A = Rotary Laser Marker]

ANATOMY OF A CARABINER

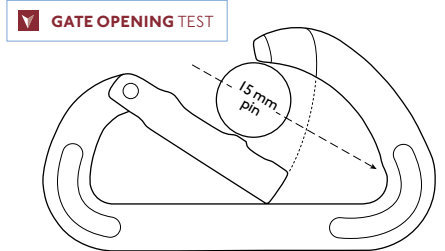


- A** Rope groove
- B** Back
- C** Nose
- D** Gate opening
- E** Beam

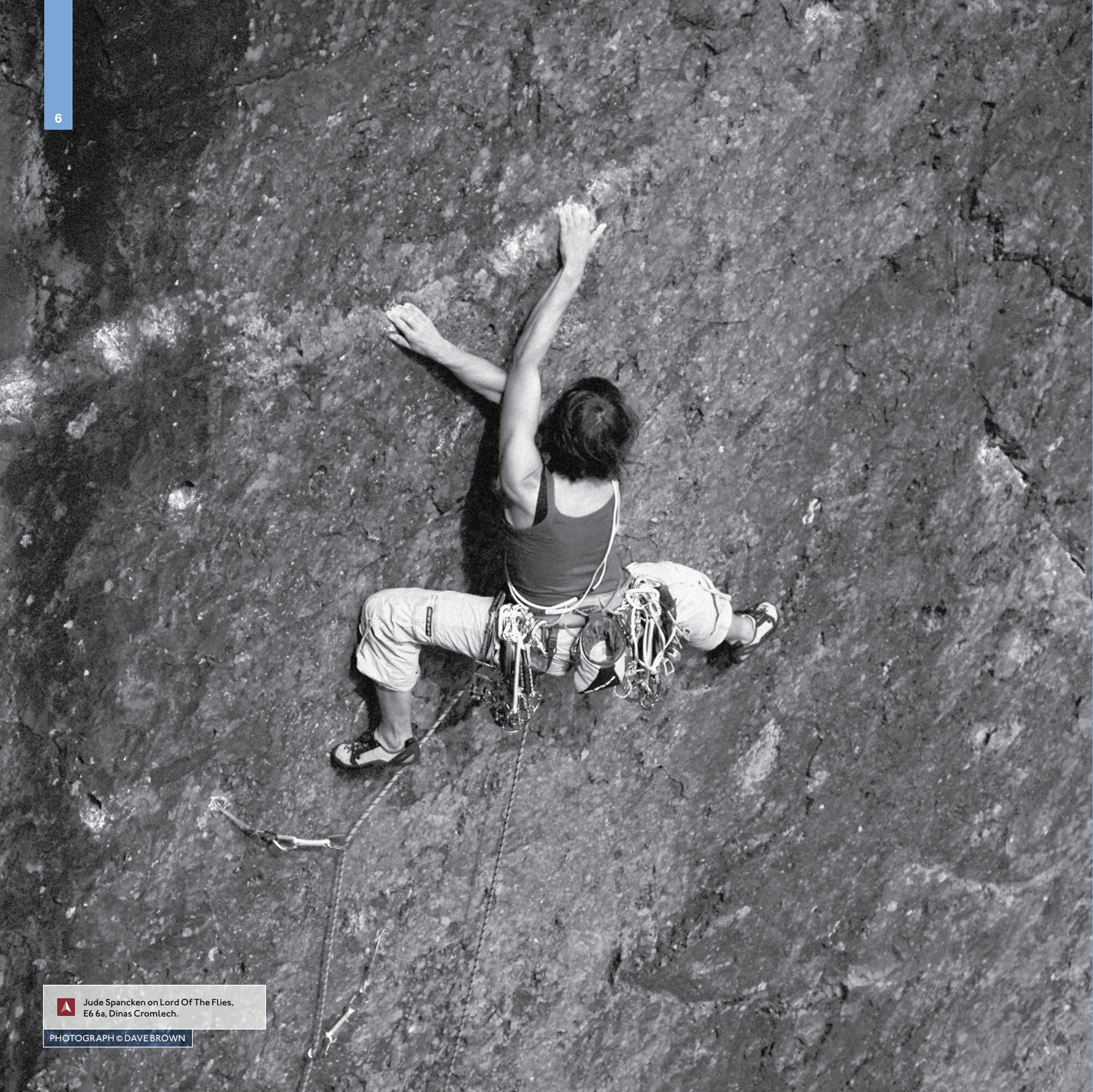
STANDARDS AND TESTING



- GATE STRENGTHS**
 - When pressed against the gate, 5 kN of force should open the gate no more than 3 mm.
 - When pressed against the gate, 15 kN of force should open the gate fully.
- GATE OPENING TEST**
 - A 15 mm pin should be able to travel through the fully open gate without touching the gate or the nose of the carabiner.



CARABINER TYPE	BSI MIN. STRENGTH Major axis [closed / open]	DMM MIN. STRENGTH Major axis [closed / open]	BSI MIN. STRENGTH Minor axis	DMM MIN. STRENGTH Minor axis
BASIC CARABINER	20 kN / 7 kN	23 kN / 7 kN	7 kN	7 kN
HMS CARABINER	20 kN / 6 kN	24 kN / 8 kN	7 kN	10 kN
OVAL CARABINER	18 kN / 5 kN	25 kN / 7 kN	7 kN	12 kN



Jude Spancken on Lord Of The Flies, E6 6a, Dinas Cromlech.

PHOTOGRAPH © DAVE BROWN

DMM KIT

‘My Favourite Kit?’ by Judith Spancken

My favorite piece of kit? A bit like trying to answer what kind of music I like. It really depends on the type of climbing I do, just like I choose my music depending on my mood or on what I am doing.

I like playing with all types of climbing. British Trad, granite or sandstone cracks. Alpine rock, bouldering, sport climbing and, just now and again, a bit of ice and mixed too. One of the beautiful things about climbing is that you can mix it up. One of the reasons why I cannot imagine to ever get bored of it.

The beauty of DMM equipment is that there is great piece of kit for whatever I want to do.

Take Trad climbing for example. For me personally, still the ultimate way of pushing myself both physically and mentally. When trying to onsight a hard, scary route everything comes into play. Physical fitness, confidence, a strong mind, strategy and a little bit of luck to make the right decision in desperate moments. Although I like facing challenges, I also like to be safe. I tend to take a lot of kit on a Trad route and if I can, I place it, often much to the dismay of the one who is following.

Here all DMM passive and active pro is high on my list. Depending on what route I am about to set off, you may find me with a triple set of wallnuts up to size 7, a set of cams and some micro wallnuts. If it is granite, I won't leave without some alloy offsets anymore.

I may sometimes look like I am about to attempt a big wall when setting out but often I reach the top after successfully onsighting a pitch and most of what was on my harness now sits in the rock. With DMM kit being so beautifully light, it really doesn't feel any different taking a few extra pieces.

My favorite quickdraw, however, has to be the Shield. Although the more recent slick Shadow is a close follow up and I have started to use it on pure sport climbing trips, I just love the look, feel and unmistakable sound clipping the rope when using the Shield. I simply feel safe and can focus on what is ahead. And when weight really matters such as on long alpine routes there is always the ultra light Phantom to fall back on.

You can tell by now that I am having a hard time picking 'a' piece of DMM kit. But I think whoever uses DMM a lot will know what I mean. Whether it is my bouldering pad, my quickdraws, wallnuts and cams or my axes during my rare outings on ice, I am using equipment that I can trust, that allows me to do what I want to do and that is a joy to use.



CARABINERS AND QUICKDRAWS

Our range of carabiners and quickdraws need no introduction really, as the products truly speak for themselves. Strong, aesthetic, light and functional. You really couldn't ask for more. Every biner we produce exceeds the relevant standard considerably, reflecting our view that the standard is a bare minimum and not the Holy Grail. This is why if you check out the statistics you will see that in many cases we have carabiners whose tensile strengths are nearly 30% stronger than the standard requires or, in many cases, the technical specifications of a good number of our competitors.

Some vital statistics to aid your decision making:

MATERIALS	Aluminium Alloy 7075 / 7010. Fully heat treated in house.
PRODUCTION	Hot Forged.
FINISH	Anodised to EN 12373 Part 1, Class 10 EI sealed.
TESTING	Sample batch tested using 3 Sigma calculation. Major axis / minor axis / gate open tensile tested.
INSPECTION	100% inspected after assembly both visually and mechanically [for smoothness / correctness of gate action and locking mechanism].
ORIGIN	Designed and made in Wales.

CARABINERS AND QUICKDRAWS

HOTFORGED



SHOWN ACTUAL SIZE

PHANTOM

There are now a variety of other brands with their own versions of a lightweight carabiner. However not one of them matches the Phantom for the combination of lightness, strength, and size/functionality. Sales of this fantastic carabiner go from strength to strength, and that combination is the reason. Lucy Creamer who at the time of writing has just recently climbed F8B+ [hardest grade climbed by a female British climber] said of them, "All the gear has been amazing, especially the Phantom Quickdraws, which for onsighting are awesome."

BENEFITS

- I Beam construction for strength/lightness
- Wire gate less likely to freeze up in winter
- Hot Forged
- Rope groove to locate rope correctly

PHANTOM COLOURPACK

5 DIFFERENT COLOURS AVAILABLE



PHANTOM COLOURPACK

3 DYNEEMA LENGTHS AVAILABLE



PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
PHANTOM	23 kN	9 kN	7 kN	25.5 g	22 mm	A318
PHANTOM COLOURPACK	–	–	–	127.5 g	–	A318-P5

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
PHANTOM QUICKDRAW	12 cm [11 mm Dyneema]	61 g	A318-12
PHANTOM QUICKDRAW	18 cm [11 mm Dyneema]	64 g	A318-18
PHANTOM QUICKDRAW	25 cm [11 mm Dyneema]	66 g	A318-25



SHOWN ACTUAL SIZE

SPECTRE 2

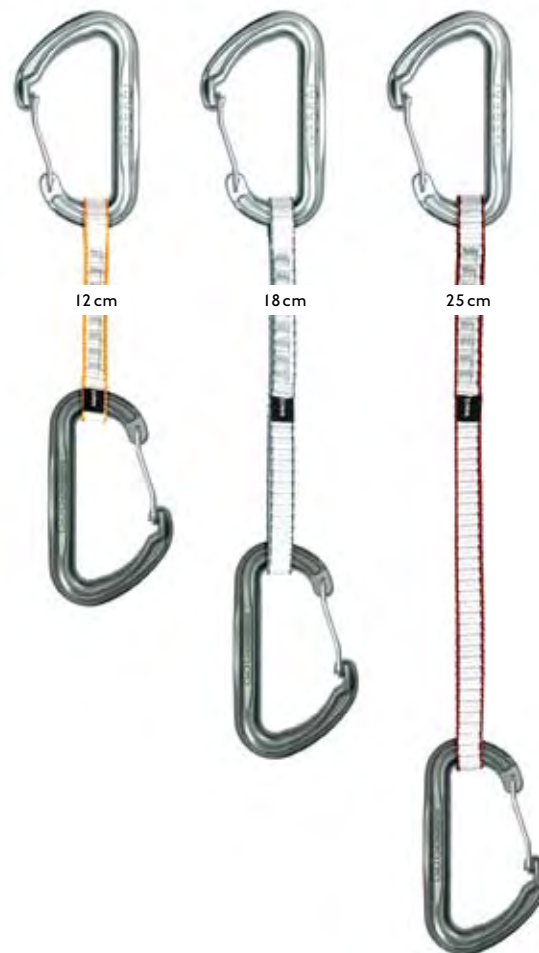
New for next year is the Spectre 2 which replaces the Spectre. We don't make changes for changes sake, so the benefits of this latest biner are plain to see. The Spectre is a special biner. It was the first of the new generation I Beam carabiners. We put everything we could into it so that it could become the work horse of the new generation. A good size, a massive 9 kN gate open strength, only 32 g and of course you get all the usual DMM refinements.

BENEFITS

- Lightweight I Beam construction back
- Safer, deeper basket
- Easy to handle back shape
- Generous 8.5 mm rope radius
- Modified nose profile to protect gate

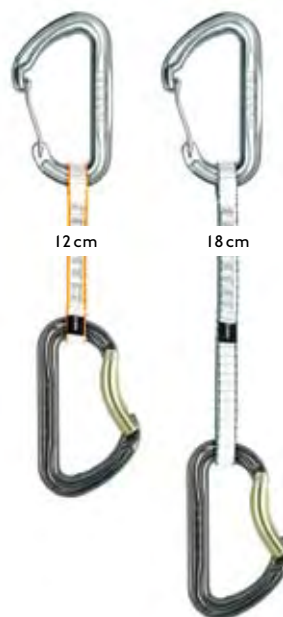
SPECTRE 2 QUICKDRAWS

3 DYNEEMA LENGTHS AVAILABLE



SPECTRE 2 / SHADOW QUICKDRAWS

2 DYNEEMA LENGTHS AVAILABLE



SPECTRE 2 COLOURPACK SWATCHES

5 DIFFERENT COLOURS AVAILABLE



PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
SPECTRE 2	24 kN	9 kN	7 kN	32 g	27 mm	A358
SPECTRE 2 COLOURPACK	–	–	–	160 g	–	A358-P5
PRODUCT	LENGTH		WEIGHT	CATALOGUE NO.		
SPECTRE 2 QUICKDRAW	12 cm [11 mm Dyneema]		73 g	A358-12		
SPECTRE 2 QUICKDRAW	18 cm [11 mm Dyneema]		76 g	A358-18		
SPECTRE 2 QUICKDRAW	25 cm [11 mm Dyneema]		78 g	A358-25		
SPECTRE 2 / SHADOW QUICKDRAW	12 cm [11 mm Dyneema]		86 g	DA358-306-12		
SPECTRE 2 / SHADOW QUICKDRAW	18 cm [11 mm Dyneema]		89 g	DA358-306-18		



SHOWN ACTUAL SIZE

SHIELD

The Shield is a full size, 35 g, 10 kN carabiner that features DMM's patented wirelock clean nose system that stops the carabiner from being snagged when clipping or unclipping. The Shield is our strongest and probably safest wire gate biner. Gate open strength is a hugely impressive 10 kN, but more than that it is very hard to get the biner to misbehave; the ergonomic design means that it is almost impossible to crossload the biner in a real life situation.

BENEFITS

- Anti snag nose eliminates annoying catching on wires, bolts, tapes etc.
- Strong, ergonomic back shape fits the hand beautifully
- Twisted wire gate, less likely to snag than wire gates
- Skinny 11 mm Dyneema
- All this and still weighs less than a Snickers bar!



SHIELD QUICKDRAWS

3 DYNEEMA LENGTHS AVAILABLE

PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
SHIELD	24 kN	10 kN	7 kN	35 g	23 mm	A248
PRODUCT	LENGTH		WEIGHT	CATALOGUE NO.		
SHIELD QUICKDRAW	12 cm [11 mm Dyneema]		79 g	A248-12		
SHIELD QUICKDRAW	18 cm [11 mm Dyneema]		82 g	A248-18		
SHIELD QUICKDRAW	25 cm [11 mm Dyneema]		85 g	A248-25		



SHOWN ACTUAL SIZE

SHADOW

It's taken less than a year for this classic biner to become the first choice for many a sports climber around the globe. Super strong and robust, yet light and ergonomic, means that the Shadow is ideal for working that elusive grade, redpointing or your hardest on site. Gaz Parry's first choice sports climbing biner!

BENEFITS

- 1 Beam construction for strength and lightness
- Clean nose closure for anti snag clipping/unclipping
- Hot Forged
- Traditional straight/bent gates
- CNC'd thumb recess on gate for easier operation



SHADOW BENT GATE



SHOWN ACTUAL SIZE

SHADOW SECURE

Shadow Secure has a unique gate system. Although not rated as a full locking biner, it offers a greater level of security for those crucial running belays. The mechanism is incorporated into the gate, adding a minimum of weight but loads more security.

BENEFITS

- Lightweight with extra security on crucial runners
- Single handed operation

PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
SHADOW STRAIGHT GATE	24 kN	10 kN	9 kN	43 g	20 mm	A301
SHADOW BENT GATE	24 kN	10 kN	9 kN	43 g	25 mm	A306
SHADOW SECURE	24 kN	10 kN	9 kN	TBC	20 mm	A308

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
SHADOW QUICKDRAW	12 cm [11 mm Dyneema]	96 g	A306-12
SHADOW QUICKDRAW	18 cm [11 mm Dyneema]	99 g	A306-18
SHADOW / SPECTRE 2 QUICKDRAW	12 cm [11 mm Dyneema]	85 g	A301-358-12
SHADOW / SPECTRE 2 QUICKDRAW	18 cm [11 mm Dyneema]	88 g	A301-358-18

SHADOW QUICKDRAW

2 DYNEEMA LENGTHS AVAILABLE



SHADOW / SPECTRE 2 QUICKDRAWS

2 DYNEEMA LENGTHS AVAILABLE



REVOLVER™

SHOWN ACTUAL SIZE



The Revolver is now well established as part of a comprehensive Trad leading rack. It is a unique piece of kit which offers very real benefits to the climber. So what does it do? In simple terms the carabiner uses rolling friction rather than the sliding friction of the rope over the bar typified by a standard carabiner. In this case the rope rolls over the pulley wheel which means much less friction is created. Less friction means less force holding the climber back, which makes upward progress a lot easier.

However, there are other important factors to consider too. Since the rope rolls over the roller, there will be less wear and tear on your rope which will increase its working life considerably. Also, by reducing the friction the forces involved when a climber falls are more evenly distributed throughout the system, resulting in less force being inflicted on the last piece of protection placed. If this last piece is marginal, it could be a very real benefit.

Please note that the Revolver is not recommended for frequent use lowering situations. In these instances you should choose a suitable Pulley or Connector which can handle the wear.

Pete Robbins, one of our sponsored climbers who is well renowned for his Trad climbing exploits had this to say about them:

"I've had a few Revolvers on my rack for about two years now, and the fact that they're still there means that they aren't a gimmick – I'm not one for carrying any spare metal to the crag. I've got them on the rope end of my longer [25 cm] quick-draws, ready for a big Trad lead. I've found that Revolvers really come into their own when venturing through a roof; this is usually the crux and you want your protection as close as possible. Using a Revolver, the reduced rope drag allows for less extension and gives you that extra confidence for the move. If you still can't do it, there's no hope for you!"



PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
REVOLVER™	24 kN	9 kN	7 kN	51 g	24 mm	A238

Pete Robbins on The New Slateman F8b, Dinorwig Quarries, North Wales.

PHOTOGRAPH © RAY WOOD



SHOWN ACTUAL SIZE

AERO STRAIGHT GATE

BENEFITS

- Clean nose
- Traditional straight/bent gates



SHOWN ACTUAL SIZE

AERO WIRE GATE

BENEFITS

- Shrouded nose
- Wire gate to save weight



SHOWN ACTUAL SIZE

AERO BENT GATE

BENEFITS

- Shrouded nose
- Deep gate bend for easy rope clipping
- Rope groove to help direct any loads against the spine

PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
AERO STRAIGHT GATE	24 kN	9 kN	8 kN	47 g	20 mm	A221
AERO BENT GATE	24 kN	9 kN	8 kN	47 g	26 mm	A226
AERO WIRE GATE	24 kN	9 kN	8 kN	43 g	26 mm	A228

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
AERO QUICKDRAW	12 cm [16 mm nylon]	110 g	A226-12
AERO QUICKDRAW	18 cm [16 mm nylon]	113 g	A226-18
AERO WIRE QUICKDRAW	12 cm [11 mm Dyneema]	95 g	A228-12
AERO WIRE QUICKDRAW	18 cm [11 mm Dyneema]	98 g	A228-18
AERO / AERO WIRE QUICKDRAW	12 cm [11 mm Dyneema]	104 g	A221-8-12
AERO / AERO WIRE QUICKDRAW	18 cm [11 mm Dyneema]	107 g	A221-8-18



AERO QUICKDRAWS

BENEFITS

- Excellent entry level quickdraw



AERO / AERO WIRE GATE QUICKDRAWS

BENEFITS

- Combination quickdraw



AERO WIRE GATE QUICKDRAWS

BENEFITS

- Combination quickdraw



LOCKING CARABINERS

With the advent of the Phantom Screwgate this spring our locking biner range is now as comprehensive as they come. The Phantom is truly in a class of its own, being at the time of writing the lightest keylock screwgate in the world, but as with all DMM products fully functional and fit for use. We are confident that whatever your requirements we have the answer for you. Oval, D Shape, Offset D, or HMS, and all now have a keylock clean nose

making them more user friendly. We have also changed the profile of the thimble on all screwgates to make it stronger, less likely to snag and easier to use. Apart from the Sentinel and the Phantom all lockers have the option of the three different closure systems. There is the facility for adding a stainless captive pin on the Boa, Ultra O, and Zodiac which enables the biner to be held captive if necessary.



Mat Perrier climbing, Ettringer Ley, Ettringen, Germany.

PHOTOGRAPH © JUDITH SPANCKEN



SHOWN ACTUAL SIZE

▲ PHANTOM SCREWGATE

BENEFITS

- Lightest keylock screwgate carabiner in the world
- Massive push-in strength
- Strong I Beam construction

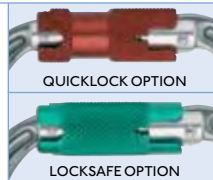


SHOWN ACTUAL SIZE

▲ REVOLVER™ SCREWGATE

BENEFITS

- Clean nose
- I Beam back
- Three locking options
- Ideal for Rescue/Hauling

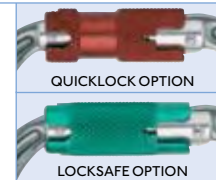


SHOWN ACTUAL SIZE

▲ SHADOW SCREWGATE

BENEFITS

- Strong I Beam construction
- Clean nose locker
- Available in three locking options
- Lightweight perfection!



SHOWN ACTUAL SIZE

▲ SENTINEL HMS SCREWGATE

BENEFITS

- Smaller lightweight belay carabiner
- Now with a clean nose profile
- Good gate opening
- Fits snugly on most harness belay loops
- Very useful as a general climbing rigging carabiner

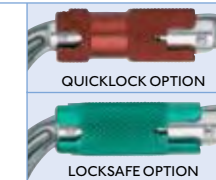


SHOWN ACTUAL SIZE

▲ ZODIAC SCREWGATE

BENEFITS

- Clean nose
- Ultra strong
- Brilliant all round rigging carabiner
- Captive bar option available



NEW FOR 2009 - SHOWN ACTUAL SIZE

▲ AERO HMS SCREWGATE

BENEFITS

- Good value belay biner
- Keylock nose
- Generous rope radius

LOCKING CARABINERS

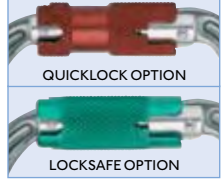


SHOWN ACTUAL SIZE

▲ BIG BOA HMS SCREWGATE

BENEFITS

- Large clean nose HMS Belay Biner
- Accommodates multiple knots
- I Beam back construction to save weight [almost 25% reduction]

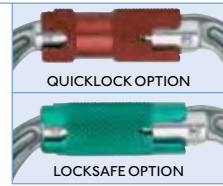


SHOWN ACTUAL SIZE

▲ ULTRA O SCREWGATE

BENEFITS

- I Beam construction
- Four locking versions
- Ideal biner with pulleys



▲ Hot Forged Shadow carabiners awaiting clipping in the Llanberis factory.



▲ Every single DMM carabiner is hand assembled by the highest skilled team.

DMM products are tested to destruction using the techniques described in EN362 2004.

PRODUCT	GATE FACE TEST	SIDE LOAD TEST	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
PHANTOM SCREWGATE	4 kN	7 kN	23 kN	9 kN	9 kN	41.5 g	16 mm	A312
REVOLVER SCREWGATE	5 kN	7 kN	24 kN	8 kN	8 kN	64 g	16 mm	A272
REVOLVER QUICKLOCK	4 kN	10 kN	24 kN	8 kN	8 kN	68 g	15 mm	A273
REVOLVER LOCKSAFE	4 kN	10 kN	24 kN	8 kN	8 kN	70 g	15 mm	A277
SHADOW SCREWGATE	5 kN	7 kN	24 kN	9 kN	7 kN	51 g	18 mm	A302
SHADOW QUICKLOCK	4 kN	9 kN	24 kN	9 kN	7 kN	56 g	17 mm	A303
SHADOW LOCKSAFE	4 kN	9 kN	24 kN	9 kN	7 kN	58 g	17 mm	A307
SENTINEL HMS SCREWGATE	6 kN	8 kN	24 kN	8 kN	10 kN	54 g	20 mm	A262
ZODIAC SCREWGATE	6 kN	11 kN	32 kN	12 kN	12 kN	78 g	18 mm	A822
ZODIAC QUICKLOCK	5 kN	9 kN	32 kN	12 kN	12 kN	82 g	18 mm	A823
ZODIAC LOCKSAFE	5 kN	9 kN	32 kN	12 kN	12 kN	84 g	18 mm	A827
AERO HMS SCREWGATE	-	-	25 kN	8 kN	10 kN	85 g	19 mm	A362
AERO HMS QUICKLOCK	-	-	25 kN	8 kN	10 kN	89 g	19 mm	A363
AERO HMS LOCKSAFE	-	-	25 kN	8 kN	10 kN	91 g	19 mm	A367
BIG BOA HMS SCREWGATE	7 kN	11 kN	25 kN	8 kN	10 kN	83 g	24 mm	A892
BIG BOA HMS QUICKLOCK	4 kN	10 kN	25 kN	8 kN	10 kN	86 g	25 mm	A893
BIG BOA HMS LOCKSAFE	4 kN	10 kN	25 kN	8 kN	10 kN	86 g	23 mm	A897
ULTRA O SCREWGATE	5 kN	9 kN	25 kN	7 kN	12 kN	65 g	22 mm	A322
ULTRA O QUICKLOCK	5 kN	12 kN	25 kN	7 kN	12 kN	72 g	22 mm	A323
ULTRA O LOCKSAFE	5 kN	12 kN	25 kN	7 kN	12 kN	73 g	22 mm	A327



MILITARY RANGE

Because we have such a comprehensive design, prototyping, and manufacturing set up on site, we are able to work closely with other parties on one-off bespoke products, made to their own specifications. Also, recently we have worked with a variety of military establishments to provide a 'tactical' version of a many of our top products. We are always willing to try to work with our

customers to provide the exact technical specifications wherever possible. With design, prototyping, toolmaking and trialling all under one roof, we offer a very comprehensive service.

Contact sales@dmmwales.com if you would like to make an enquiry.



SHOWN ACTUAL SIZE

SHIELD WIREGATE



SHOWN ACTUAL SIZE

ZODIAC SCREWGATE

REBEL AXE



ANKA BELAY DEVICE

FIGURE 8 BELAY DEVICE

PRODUCT	CATALOGUE NO.
SHIELD BLACK WIREGATE	A248-BLACK
ZODIAC BLACK SCREWGATE	A822-BLACK
ANKA BLACK ABSEIL DEVICE	A1100-BLACK
FIGURE 8 BLACK ABSEIL DEVICE	A1150-BLACK
REBEL BLACK HAMMER AXE	A0232-BLACK

BELAY AND ABSEIL DEVICES

As with all other areas of climbing and mountaineering kit, you need to choose the right tools for the job. We have three different belay devices, the Bug, V Twin, and Bugette. Each one has its own merits, but it's important to use them in conjunction with the right diameter ropes.

The Bug has been a stalwart of the DMM range for a number of years and its popularity continues with those working with medium to larger diameter ropes. With skinnier ropes the Bugette is the way forward. Weighing a miniscule 26 g, it's a super light belay device ideal for Trad climbing or Alpine routes where weight is an important factor. Three Abseil devices, the standard Figure 8, the Cardiac Arrestor and the Anka, are all popular with groups and activity centres. Hot Forged, fully Heat Treated, vibrated in ceramic chips until they are silky smooth, they are also anodised to help prevent corrosion.



SHOWN ACTUAL SIZE

V TWIN

BENEFITS

- Investment cast from stainless steel
- Good heat dissipation
- Works with wide variety of rope diameters
- Excellent wear characteristics

SHOWN ACTUAL SIZE

BUGETTE

BENEFITS

- Super light
- Ideal with skinny ropes [8 mm - 9.5 mm]
- Excellent paying out/taking in
- Great holding power

All of the above can be used with the ingenious Belay Master carabiner with its plastic clip which prevents the biner from crossloading, allowing you to concentrate fully on the task in hand. Lighter now due to its I Beam back, the Belay Master retains its good gate opening and forgiving rope radius, making it a perfect partner for any of our belay devices.



SHOWN ACTUAL SIZE

BUG

BENEFITS

- Hot Forged and fully Heat Treated
- Good with larger ropes
- Anodised for corrosion resistance



ABSEIL DEVICES

TOP FIGURE 8

- The classic abseil device
- Hot Forged
- Fully Heat Treated
- Anodised for corrosion resistance

MIDDLE CARDIAC ARRESTER

- A sophisticated Figure 8
- Allows different friction options
- Hot Forged
- Anodised for corrosion resistance

BOTTOM ANKA

- Larger mass offers greater heat dissipation
- Twisted design orientates device better
- Good for long /multiple abseils
- Ideal group/centre usage

PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	STRENGTH [MINOR AXIS]	WEIGHT	GATE OPENING	CATALOGUE NO.
BELAY MASTER	25 kN	8 kN	10 kN	92 g	18.5 mm	A862
BELAY MASTER CLIP	-	-	-	-	-	A860-02
V TWIN	-	-	-	88 g	-	S1170
BUG	-	-	-	83 g	-	A1180
BUGETTE	-	-	-	27 g	-	A1195
ANKA	-	-	-	169 g	-	A1100
CARDIAC ARRESTER	-	-	-	133 g	-	A1110
FIGURE 8	-	-	-	116 g	-	A1150

PATENTED PRODUCT - SHOWN ACTUAL SIZE

BELAY MASTER

A few final alterations to the profile were necessary to finalise the overall shape of the basket of this biner and also to perfect the recess where the clip fits into. The result is a piece of engineering beauty that offers a neat solution to a very real problem/danger. The clip can only be locked into place when the gate thimble has also been tightened into the locked position. This acts as a double check that the biner is closed correctly, and securely and the plastic clip itself prevents the biner from being crossloaded in action. Note, the Belay Master should never be used without the Clip in place.

There is another small but very important development with this carabiner – one that will, in time, benefit all our locking biner range. The keyLock nose has been developed further so that the profile is flared and tapered. The result is a wider cross-section which allows greater side loading and push in strengths than ever before. The thimble or barrel of the autolocking gate has a greater surface cross-sectional area of contact with the gate when loaded from any direction. Taper Lock™ Patent Pending system is a major step forward in the safety of locking carabiners.

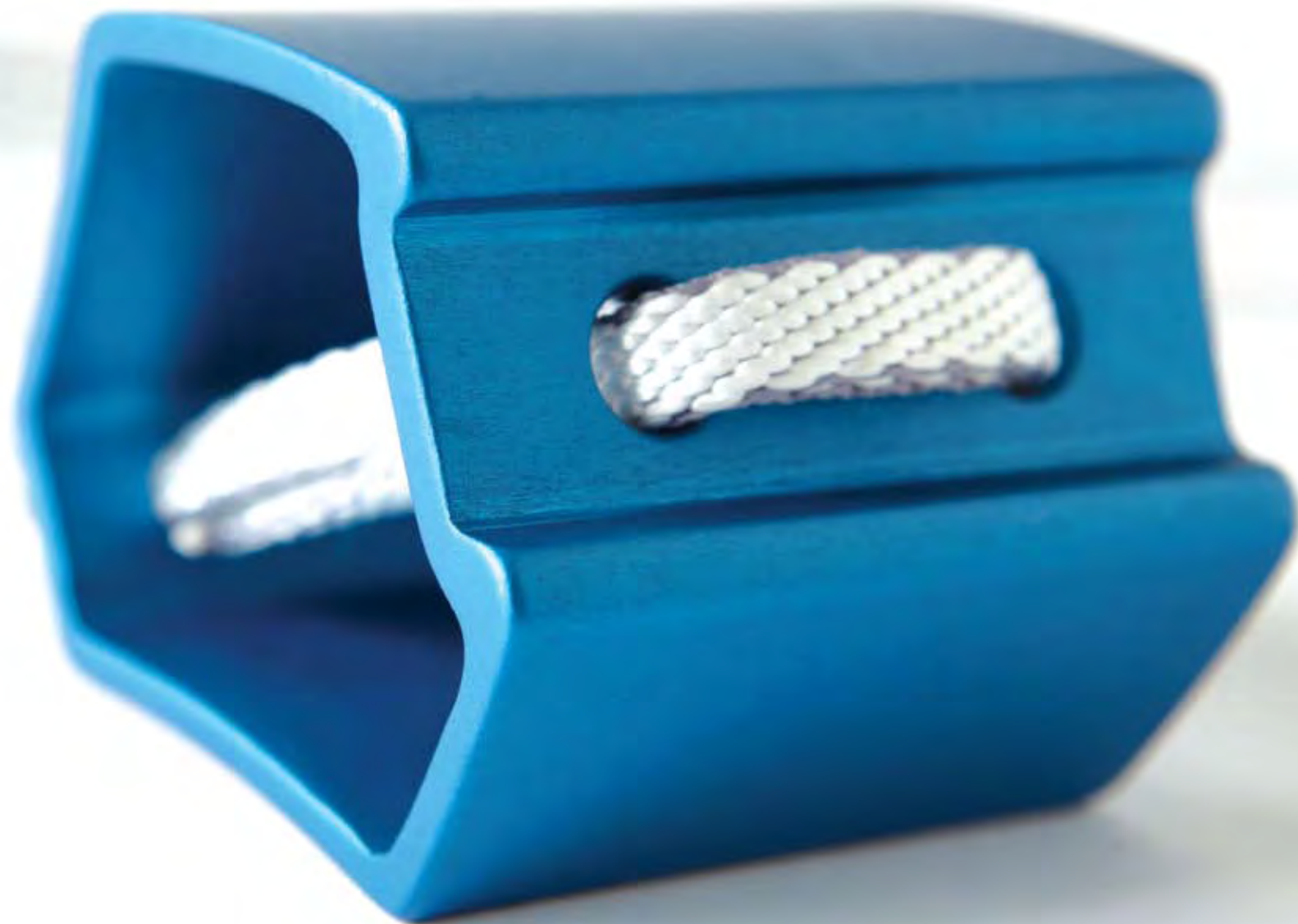
BENEFITS

- I Beam back construction
- Clean nose
- Plastic clip prevents crossloading
- Taper Lock™ Patent Pending nose for greater gate strength in every direction



PASSIVE PROTECTION

Every product group without exception has gradually expanded over the years and this includes passive protection. From the beautifully crafted yet strong I.M.P.s and Brass Offsets, right up to the unique Torque Nuts we have every base covered whatever your choice of climb.



WALLNUTS

Wires are wires, right? Simple metal wedges which slot into cracks? Wrong! There has been a great deal of time and effort spent to ensure that the DMM Wallnuts are your best choice when it comes to passive crack protection. Take the standard Wallnuts range size one to eleven. The smaller sizes are now machined from 7075 round bar to make production more efficient. This continues to give the sculpted profile and strength. However with the bigger sizes, to reduce the weight we have gone for another form of manufacture, Extrusion. This allows us to include all the same features as their smaller counterparts but with considerable weight advantages. Anodised for easy recognition and selection, they are a core element of everybody's rack.

BENEFITS

- Colour coded for quick selection
- Lighter extruded sizes 7-11
- Colour compatibility with other brands
- Pack sizes 1-11, 1-6 and 7-11



SHOWN ACTUAL SIZE



WALLNUTS



5 SIZES AVAILABLE

ALLOY OFFSETS

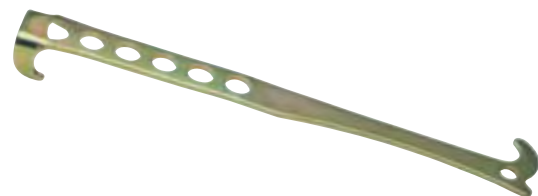
From the moment we reintroduced this classic nut last year we have been flat out keeping up with demand. Once you've used them for the first time you won't consider climbing without them. These nuts are based on the famed HB Alloy Offsets and were produced using modified versions of the original HB dies. In typical DMM fashion we have brought them into the 21st century with colour coded sizing, recessed wires and lightening holes in the largest two sizes.

BENEFITS

- Fits where nothing else will
- Wire inset into top of nut
- Lightening holes
- Full wire radius for extra strength

NUTTER

Our simple and popular Nut extracting tool.



7 SIZES AVAILABLE

BRASS OFFSETS

To complete the offset range, we are producing the seven sizes of the original, and very popular HB Brass Offset Nuts. A very useful refinement is the addition of an aluminium swage, or keeper which holds the wires parallel but allows one wire to slide. The result means that the nut is loaded more evenly on both sides making the placement more secure.

BENEFITS

- Silver soldered on stainless wire
- 7 sizes
- Multi-placement options
- Investment cast from silicon bronze

NUT BUSTER

To compliment the original Nutter, the NutBuster is a slightly more refined tool. Laser cut from stainless steel, the blade is curved and tapered. The comfortable moulded handle is easily and safely detached to reveal a 17 mm spanner.



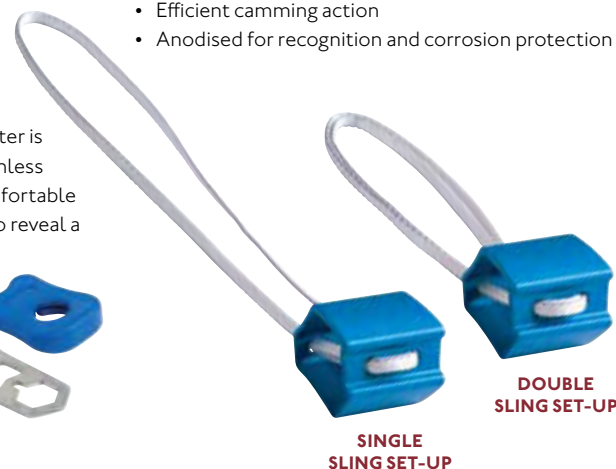
4 SIZES AVAILABLE

TORQUE NUTS

Torque Nuts are DMM's solution to large passive protection. As the name suggests, these cunningly sized and shaped nuts work well in standard placements but also have an extremely efficient camming system. Just four sizes cover a very large size range. The double Dyneema sling is protected on the top by a large countersunk groove, and works in a similar fashion to the slings on our cams. This unique refinement makes racking the units much easier, and allows you to climb less encumbered.

BENEFITS

- 4 sizes cover a large range
- Double Dyneema sling
- Efficient camming action
- Anodised for recognition and corrosion protection



SINGLE SLING SET-UP

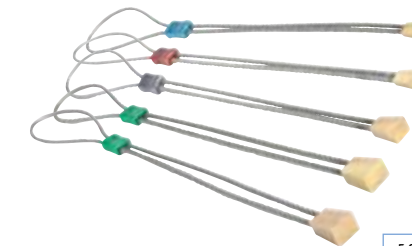
DOUBLE SLING SET-UP



5 SIZES AVAILABLE

PEENUTS

DMM Peenuts offer an excellent alternative when placements are tricky. Their tapered profile allows them to fit where a regular wire won't seat correctly, and often offer the only safe placement you can get. They are also anodised to match their regular counterparts making them easy and quick to select.



5 SIZES AVAILABLE

BRASS I.M.P.s

Immaculate Marginal Protection or I.M.P.s are the last addition to our passive protection range. Machined from silicon bronze on a nine axis CNC Lathe, these little units come in five sizes. The wires benefit from the same system as the Brass Offsets with the aluminium swage/keeper helping to load the unit evenly.

BENEFITS

- 5 sizes machined from silicon bronze
- Silver soldered for strength
- Aluminium swage aids even loading



4 SIZES AVAILABLE

MICRO WALLNUTS

Micro Wallnuts are neither forged nor made from extrusion. Again this is an example of our knowledge of manufacturing techniques, where we can choose the best suited and most cost effective method. These little wires are in fact machined. We do this so that the wire is given a full radius to sit on, and is also protected by being inside the nut itself. As a result the whole unit is stronger, easier to place in shallow placements and the wire is less likely to be abraded.

PRODUCT	WEIGHT	STRENGTH	COLOUR	CATALOGUE NO.
WALLNUT SIZE 1	15 g	7 kN/4 kN	PINK	A1611A
WALLNUT SIZE 2	26 g	9 kN	GREEN	A1612A
WALLNUT SIZE 3	28 g	11 kN	SILVER	A1613A
WALLNUT SIZE 4	30 g	12 kN	GOLD	A1614A
WALLNUT SIZE 5	32 g	12 kN	BLUE	A1615A
WALLNUT SIZE 6	39 g	12 kN	RED	A1616A
WALLNUT SIZE 7	40 g	12 kN	GREY	A1617A
WALLNUT SIZE 8	45 g	12 kN	TURQUOISE	A1618A
WALLNUT SIZE 9	50 g	12 kN	GOLD	A1619A
WALLNUT SIZE 10	56 g	12 kN	SILVER	A1620A
WALLNUT SIZE 11	68 g	12 kN	GREEN	A1621A
WALLNUT SET No. 1-6	168 g	–	–	A1611/16A
WALLNUT SET No. 7-11	257 g	–	–	A1617/21A
WALLNUT SET No. 1-11	425 g	–	–	A1611A/21A
ALLOY OFFSETS SIZE 7	27 g	12 kN	GOLD	A1817A
ALLOY OFFSETS SIZE 8	30 g	12 kN	BLUE	A1818A
ALLOY OFFSETS SIZE 9	37 g	12 kN	RED	A1819A
ALLOY OFFSETS SIZE 10	45 g	12 kN	GREY	A1820A
ALLOY OFFSETS SIZE 11	56 g	12 kN	LIGHT BLUE	A1821A
BRASS OFFSET SIZE 0	4.5 g	2 kN	GOLD	A1700
BRASS OFFSET SIZE 1	7 g	4 kN	BLUE	A1701
BRASS OFFSET SIZE 2	9 g	5 kN	RED	A1702
BRASS OFFSET SIZE 3	10 g	5 kN	SILVER	A1703
BRASS OFFSET SIZE 4	14 g	7 kN	PURPLE	A1704
BRASS OFFSET SIZE 5	17 g	7 kN	GREEN	A1705

PRODUCT	WEIGHT	STRENGTH	COLOUR	CATALOGUE NO.
BRASS OFFSET SIZE 6	24 g	10 kN	SILVER	A1706
MICRO WALLNUT SIZE 0.75	10 g	6 kN	GOLD	A1659A
MICRO WALLNUT SIZE 0.5	4 g	4 kN	BLUE	A1658A
MICRO WALLNUT SIZE 0	6 g	2 kN	RED	A1610A
MICRO WALLNUT SIZE 00	6 g	2 kN	GREY	A1600A
MICRO WALLNUT SET No. 00-0.75	31 g	–	–	A1600/59A
BRASS I.M.P. SIZE 1	4 g	4 kN	BLUE	A1721
BRASS I.M.P. SIZE 2	8 g	5 kN	RED	A1722
BRASS I.M.P. SIZE 3	10 g	5 kN	SILVER	A1723
BRASS I.M.P. SIZE 4	13 g	7 kN	PURPLE	A1724
BRASS I.M.P. SIZE 5	16 g	7 kN	GREEN	A1725
TORQUE NUT SIZE 1	54 g	14 kN	GREEN	A1741
TORQUE NUT SIZE 2	70 g	14 kN	RED	A1742
TORQUE NUT SIZE 3	104 g	14 kN	GOLD	A1743
TORQUE NUT SIZE 4	146 g	14 kN	BLUE	A1744
PEENUT SIZE 1	9 g	4 kN	RED	A1511A
PEENUT SIZE 2	10 g	5 kN	GREY	A1512A
PEENUT SIZE 3	10 g	5 kN	PURPLE	A1513A
PEENUT SIZE 4	16 g	8 kN	GREEN	A1514A
PEENUT SIZE 5	18 g	8 kN	SILVER	A1515A
PEENUT SET No. 1-5	63 g	–	–	A1511/15A
NUTTER	40 g	–	–	C1250
NUT BUSTER	57 g	–	–	C1251

ACTIVE PROTECTION

Cams are a hugely important part of the Trad Climber's rack and with the advent of our latest design, we can now offer a variety of options. From the narrower 3 CUs through the ever popular and versatile 4 CUs, up to the new dual axle Dragons. So whether you're lacing an Indian Creek splitter, searching for a placement in a limestone pocket, or climbing a Gritstone classic, we've got the cam for you. All three models are built to our exacting standards and benefit from the extendable Dyneema sling which allows you to carry fewer quickdraws, saving on weight and bulk on your harness.

DRAGON CAM – SPECIAL FEATURE

NEW FOR 2009

DRAGON CAM

It has only been a matter of time before we brought to market a single stem camming device to compliment the existing 4 CU range, and we have been asked many times over the years for one! After all this waiting we are certain we won't disappoint with the introduction of the Dragons. Even the name conjures up images of strength and purpose. DMM Dragons have been designed without compromise to produce a blend of strength, lightness and functionality.

Single stem, dual axle, Hot Forged cams, extendable Dyneema sling, and a 13.75 cam angle are all the fundamentals around which Dragons are designed.

We use six sizes to cover a range from 20 mm to 114 mm and have steadfastly remained faithful to Ray Jardine's cam angle calculation, which we firmly believe offers the best combination of holding power and expansion range. We use a Duplex cable system, 5 mm cable on the stem and 3.2 mm on the loop. This clever arrangement means that we end up with a unit which has the same flexibility through 360°. Whether the placement is vertical or horizontal, you'll reap the benefits.

The cable assembly is overmoulded using Zytel™ which again offers great flexibility and also durability. Zytel™ has proven characteristics in a variety of climatic conditions. The trigger bar is made from the same material and is very positive in use with sufficient relief to offer grip to the sweatiest of fingers.

BENEFITS

- Hot Forged cams
- Twin axle for smooth action
- Extendable Dyneema extendable sling
- Fully moulded Duplex stem system
- Moulded ergonomic trigger bar
- Replaceable trigger wire system
- Colour coded for easy recognition
- Anodised cams for corrosion prevention

COLOURS

- | | |
|--------|--------|
| Size 1 | Purple |
| Size 2 | Green |
| Size 3 | Red |
| Size 4 | Gold |
| Size 5 | Blue |
| Size 6 | Silver |



Hand crafted tool making of the revolutionary Dragon Cam at our factory in Llanberis, Wales.



▶ 4CU RANGE

"The DMM 4CU range's light weight is a noticeable advantage when packing in or climbing with a full rack. The way we see it, an average 20% weight saving means that the climber can "sew up cracks" with a much lighter rack. Another way of looking at it is that climbers can place 20% more cams, feel much more secure, and still come out even on the weight. Less weight with more protection? Who wouldn't love that? Each cam is rated to 14 kN in the active, working position with the quick release sling doubled, and 12 kN with sling fully extended. The passive strength of the cams, resting on their stops is 10 kN."

Lisa Gnade, Excalibur USA

BENEFITS

- Extendable Dyneema sling
- Light and strong
- Cam stops for 10 kN in umbrella position
- Colour coded Phantoms or Spectres available
- Original 13.75 cam angle



▶ SIZE RANGE

	SIZE 4.0	SIZE 3.5	SIZE 3.0	SIZE 2.5	SIZE 2.0
SIZE 1.75	SIZE 1.5	SIZE 1.25	SIZE 1.0	SIZE 0.5	SIZE 0.0

▶ 3CU RANGE

The DMM 3CU's use three cam lobes rather than 4. They are built to the same high standards as our 4CU's and even use the same sizing and colour coding system.

They are very stable, twin stemmed devices with a centre pull trigger that works well even with gloved hands. The key advantage in having only 3 cam lobes is that the units have a narrower head width and hence fit into constricted placements and pockets where wider units will not go.

All of our cams feature an extendable sling that allows you to save on quickdraws and keep rope drag to a minimum. The longer sling also helps minimise the chances of the rope moving or walking the cam away from its optimum position.

Colour coded Spectres and Phantoms are available for all of our cams so that they can be easily recognised on your harness.

BENEFITS

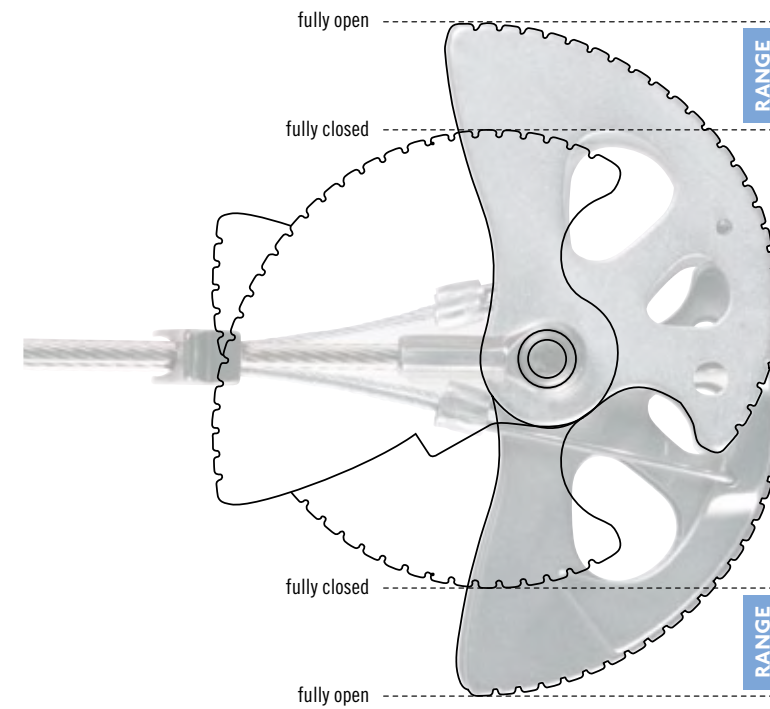
- Extendable Dyneema sling
- Stable and twin stemmed
- Narrower head width for constricted placements
- Light and strong



▶ SIZE RANGE

	SIZE 1.75	SIZE 1.5	SIZE 1.25	SIZE 1.0	SIZE 0.75	SIZE 0.5

CAM RANGE DIAGRAM



PRODUCT	COLOUR	RANGE	WEIGHT	STRENGTH	PASSIVE STRENGTH	CATALOGUE NO.
DRAGON SIZE 1	PURPLE	20-33 mm	–	12 kN	–	A7051A
DRAGON SIZE 2	GREEN	24-41 mm	–	14 kN	–	A7052A
DRAGON SIZE 3	RED	29-50 mm	–	14 kN	–	A7053A
DRAGON SIZE 4	GOLD	38-64 mm	–	14 kN	–	A7054A
DRAGON SIZE 5	BLUE	50-85 mm	–	14 kN	–	A7055A
DRAGON SIZE 6	SILVER	68-114 mm	–	14 kN	–	A7056A
4CU 0	BLUE	13-19 mm	75 g	12 kN / 14 kN	10 kN	A7010A
4CU 0.5	RED	17-24 mm	80 g	12 kN / 14 kN	10 kN	A7011A
4CU 1	GOLD	19-29 mm	93 g	12 kN / 14 kN	10 kN	A7012A
4CU 1.25	PURPLE	21-33 mm	96 g	12 kN / 14 kN	10 kN	A7013A
4CU 1.5	SILVER	23-35 mm	97 g	12 kN / 14 kN	10 kN	A7014A
4CU 1.75	GREEN	25-41 mm	99 g	12 kN / 14 kN	10 kN	A7015A
4CU 2	RED	29-44 mm	110 g	12 kN / 14 kN	10 kN	A7016A
4CU 2.5	GOLD	33-55 mm	123 g	12 kN / 14 kN	10 kN	A7017A
4CU 3	PURPLE	43-66 mm	151 g	12 kN / 14 kN	10 kN	A7018A
4CU 3.5	BLUE	51-82 mm	185 g	12 kN / 14 kN	10 kN	A7019A
4CU 4	SILVER	64-100 mm	224 g	12 kN / 14 kN	10 kN	A7020A
3CU 0.5	BLUE	13-19 mm	74 g	12 kN / 14 kN	10 kN	A7001A
3CU 0.75	RED	17-24 mm	80 g	12 kN / 14 kN	10 kN	A7002A
3CU 1	GOLD	19-29 mm	84 g	12 kN / 14 kN	10 kN	A7003A
3CU 1.25	PURPLE	21-33 mm	87 g	12 kN / 14 kN	10 kN	A7004A
3CU 1.5	SILVER	23-35 mm	88 g	12 kN / 14 kN	10 kN	A7005A
3CU 1.75	GREEN	25-41 mm	90 g	12 kN / 14 kN	10 kN	A7006A



Climber Jessica Houlding leading Mississippi Buttress Direct, VS, Stannage, Peak District, England.

PHOTOGRAPH © ADAM LONG

HARNESSES

The DMM harness range goes from strength to strength, and we have seen considerable sales growth of all models as climbers come to put their trust in our sewn goods as well as our hardware. This year we are introducing a new womens' harness, similar in style to the massively popular Renegade but with some very subtle changes in sizing and ratios of dimensions to ensure a better fit. Also there is a wholesale change across the board for the Renegade, Maverick and Viper to utilise structural binding in the leg loops. This alteration ensures the harness is not only tidier but also allows the leg loops to offer much greater comfort and support. The sizing on the Super Couloir has been altered to address some feedback from users in the field and the Centre Alpine has the option of ABS buckles for those who prefer that system.



▲ RENEGADE

Top of the range fully featured adjustable leg padded harness. Free floating waist pad for perfectly centred racking. Waist pad incorporates internal lumbar support for ultimate comfort.

BENEFITS

- Padded leg loops with structural binding for greater comfort and support
- 6 high capacity diagonal racks for fast gear selection plus central rear rack
- Twin Hypalon ice screw carabiner racking systems
- Adjustable shaped leg loops for all year round use
- 20 mm belay loop rated at 25 kN
- Twin elasticated adjustable drop away bum straps for calls of nature



HARNESSES

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VIPER

The Viper has proved to be a very sought after harness for those seeking a great value all rounder which retains many of the features of its more expensive counterparts. It also now benefits from structural padded leg loops.

BENEFITS

- Padded leg loops with structural binding for greater comfort and support
- Adjustable legs and waist with Slide Lock Buckles
- 5 large capacity gear loops and Cordura face fabric
- Tapered waist belt provides comfortable support



BRENIN

Dedicated one size fully adjustable centre harness incorporating ABS buckles.

BENEFITS

- 44 mm webbing for maximum comfort and durability
- Auto Buckle System [ABS] is totally captive allowing rapid and safe adjustment
- Right leg coloured red for ease of fitting



MAVERICK

Premium product with fully featured fixed leg padded harness.

BENEFITS

- 3 sizes and padded leg loops with structural binding for greater comfort and support
- The Maverick incorporates a floating waist design which means the six diagonal gear racks [and one conventional] can be aligned symmetrically
- Elasticated leg loops give a secure fit with massive adjustment
- Waist buckle is a Slide Lock design although a threadback version is available
- Twin elasticated adjustable drop away bum straps for calls of nature



SUPER COULOIR

Full specification alpine harness for the serious winter and alpine enthusiast.

BENEFITS

- 44 mm padded waist for lightweight comfort
- 'Nappy style' for rapid and easy fitting whilst wearing crampons
- 20 mm belay loop rated at 25 kN
- Twin Hypalon ice screw carabiner racking strips
- Single elasticated drop away bum strap for calls of nature



TOM CAT

The Tom Cat is our new sit harness for children. It is built to the same specification as our top of the range Renegade harness and features the same floating waist belt to allow perfect centering of the gear loops.

BENEFITS

- Floating waist belt
- Slide Lock Buckles
- Fully padded
- 2 gear loops
- Super comfy, adult looking harness



PUMA

Similar in style to the massively popular Renegade but with some very subtle changes in sizing and ratios of dimensions to ensure the best possible female fit.

BENEFITS

- Enjoy all the same great benefits and features as the Renegade harness but designed for a female fit!

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CENTRE ALPINE

Updated version of the highly acclaimed Alpine Harness.

BENEFITS

- 44 mm webbing for maximum comfort and durability
- 3 thread back buckles for perfect adjustment
- Right leg coloured red for ease of fitting
- Popular hoop style yellow tie in point for safe identification
- Single sliding gear loop for equipment stowage
- Simple elasticated bum strap

OPTIONAL ABS BUCKLES



CHEST HARNESS

Fully adjustable chest harness with ABS buckles for use with sit harnesses. Ideal to prevent climber inversion.

BENEFITS

- 44 mm webbing for maximum comfort and durability
- Auto Buckle System [ABS] is totally captive allowing rapid and safe adjustment
- Yellow tie in points for safe identification
- Twin gear loops for equipment stowage
- One size

BANDOLIER

Padded gear sling with two gear loops.



HARNES BAG

Sturdy durable bag to store your harness.



TOM KITTEN

Full body harness for children.

BENEFITS

- Slide Lock Buckles - colour coded tie ins
- Padded floating leg and gear loops
- Suitable for children up to 40 kg



PRODUCT	SIZE	WAIST		LEG		WEIGHT		CATALOGUE NO.
		[CM]	[IN]	[CM]	[IN]	[G]	[OZ]	
RENEGADE	SMALL	64-79	25-31	45-58	18-23	460	16.23	RENE-S
RENEGADE	MEDIUM	75-91	30-36	50-63	20-25	485	17.11	RENE-M
RENEGADE	LARGE	87-104	34-41	55-70	22-28	520	18.34	RENE-L
VIPER	SMALL	64-79	25-31	45-58	18-23	400	14.11	VIPE-S
VIPER	MEDIUM	75-91	30-36	50-63	20-25	425	14.99	VIPE-M
VIPER	LARGE	87-104	34-41	55-70	22-28	460	16.23	VIPE-L
MAVERICK	SMALL	64-79	25-31	45-55	18-22	400	14.11	MAVE-S
MAVERICK	MEDIUM	75-91	30-36	50-60	20-24	425	14.99	MAVE-M
MAVERICK	LARGE	87-104	34-41	55-65	22-26	470	16.58	MAVE-L
SUPER COULOIR	SMALL	60-80	24-31	40-55	16-22	323	11.39	COUL-S
SUPER COULOIR	MEDIUM	70-90	28-35	50-65	20-26	335	11.82	COUL-S
SUPER COULOIR	LARGE	80-100	31-39	60-70	24-28	347	12.24	COUL-S
SUPER COULOIR	X-LARGE	90-110	35-43	65-75	26-30	360	12.70	COUL-XL
BRENIN	REGULAR	45-125	18-49	45-80	18-31	435	15.34	BRENIN
BRENIN	X-LARGE	55-155	22-61	50-85	20-33	485	17.11	BRENIN-XL
PUMA	SMALL	59-72	23-28	45-55	18-22	405	14.29	PUMA-S
PUMA	MEDIUM	68-81	27-32	50-60	20-24	430	15.17	PUMA-M
PUMA	LARGE	76-90	30-35	55-65	22-26	465	16.40	PUMA-L

PRODUCT	SIZE	WAIST		LEG		WEIGHT		CATALOGUE NO.
		[CM]	[IN]	[CM]	[IN]	[G]	[OZ]	
CENTRE ALPINE	REGULAR	40-125	16-49	40-70	16-28	400	14.11	ALPINE
CENTRE ALPINE	X-LARGE	60-150	24-59	50-90	20-35	425	14.99	ALPINE-XL
TOM CAT	KIDS	50-75	20-30	40-50	16-20	320	11.29	TOMC
TOM KITTEN	KIDS	30-62	19-24	23-55	9-22	350	12.35	TOMK
CHEST HARNESS	ONE SIZE	75-115	75	30	115	310	10.93	CHESTH
BANDOLIER	ONE SIZE	-	-	-	-	135	4.76	BANDOLIER
HARNES BAG	ONE SIZE	-	-	-	-	TBC	TBC	-



DMM KIT

'On the factory floor' by Nick Bullock

Standing in the DMM factory, the well finished curves of a Spectre carabiner roll in my hand. Smooth and polished like a pebble on the beach, it is difficult to imagine some of the harsh environments I will use it in.

SNAP. The gate pushed open by my thumb closes with comforting force. Metal; yellow and red, hot and glowing – is poured and pounded. Heat from the furnace forging Rebel axes smarts my face and reminds me of the bitter cold of the alpine winter.

The noise of the factory crashes but there is peace in my mind as I remember the effort required traversing from the summit of the Plan to the Midi Telepherique station, after successfully climbing the Grande West Couloir. Walking across the flat barren ridge, sixteen hours of climbing behind us, cloud lifts from the valley, it pours over the crest blurring what is the ridge and what is space. Is that a slot, a cornice? The night will soon be with us. The light of the Midi's slender spire leads the way, glowing like the furnace in the gloom of the factory floor.

Methodical and mechanical, I had plunged arms to the elbow and kicked Terminator feet to the knee as we traversed from the Plan summit. Houseman and I had been on the go since 3.30am and it was now 8.30pm. Crash, another Anarchist is pounded, another pair of crampons checked for the slightest deformity, a gleaming ice screw turned with precision, a carabiner rumbled to smooth perfection – the dark factory floor is all around me – the excitement of the climb spins in my head.

Oily rags, swarfega, pink granite, cutting fluid, a cutting wind, the smell of sulphur as rock explodes. The smell of fear as I lean from an axe pick twisted behind an expanding flake of rock, then tapped into a thin sheen of ice. Gently I weight my axes while expecting the cellophane front-point placements to tear. Never once is the strength or quality of the gear I use questioned. Tapping, inching higher, tapping... I tie off an ice screw. The crux section of The Grande West Couloir on the west face of the Plan is given a grade of AI/2 and here we are attempting to free climb it in the bitter cold. I was rock climbing two days ago, clipping bolts in the sun above Sallanches carrying only a dozen Phantom Quickdraws and here I am placing those same quickdraws, once again plunged like a red hot carabiner into the quenching bath of winter. Sweat stings like hot twisted shards spewing from a lathe, spectrums of multi-colour light reflect from streaks of ice. Looking back down the ropes running to Houseman, then back down the factory floor, past the milling machines, lathes and furnaces and the men and women working, the confidence needed to start on the Grand West Couloir was improved with the confidence I have in the equipment being made here in the DMM factory at Llanberis in North Wales.



SNOW AND ICE

The unusually good winter conditions this year in the UK got a lot of people out and about in Scotland, the Lake District, and also North Wales, and as a result demand for our products was at a premium. The Rebel and Anarchist cemented their positions as leading technical tools, while the Fly just keeps on selling as a fantastic all rounder, and the Cirque became a very familiar sight out on the slopes and easy gullies. We are in the process of upgrading the handgrips on most models of axes, and also revamping our Crampon range, so further details of these developments will be available in the winter.



ICE AXES

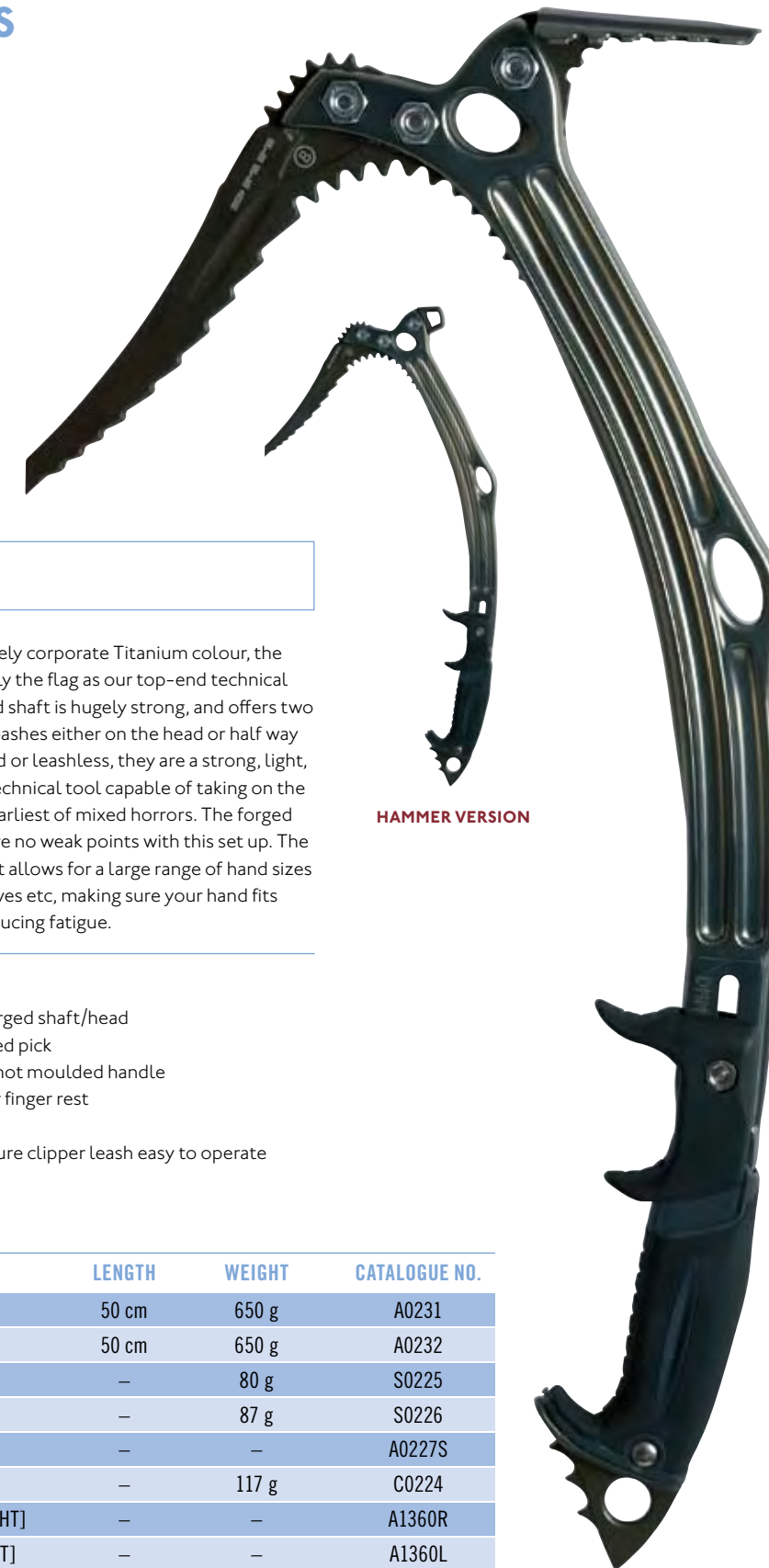
REBEL

Now anodised in steely corporate Titanium colour, the Rebel continues to fly the flag as our top-end technical tool. The Hot Forged shaft is hugely strong, and offers two clipping points for leashes either on the head or half way up the shaft. Leashed or leashless, they are a strong, light, and well balanced technical tool capable of taking on the steepest of ice or gnarliest of mixed horrors. The forged pick ensures there are no weak points with this set up. The adjustable finger rest allows for a large range of hand sizes and thickness of gloves etc, making sure your hand fits comfortably and reducing fatigue.

BENEFITS

- One piece Hot Forged shaft/head
- Hot Forged tapered pick
- Ergonomic twin shot moulded handle
- Adjustable trigger finger rest
- Superb balance
- Comfortable/secure clipper leash easy to operate

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
REBEL ADZE	50 cm	650 g	A0231
REBEL HAMMER	50 cm	650 g	A0232
SPARE HAMMER	–	80 g	S0225
SPARE ADZE	–	87 g	S0226
SCREW SET	–	–	A0227S
B TYPE PICK	–	117 g	C0224
CLIPPER LEASH [RIGHT]	–	–	A1360R
CLIPPER LEASH [LEFT]	–	–	A1360L



HAMMER VERSION

HOTFORGED

CNC

LEFT CLIPPER LEASH



RIGHT CLIPPER LEASH



▲ Mat Perrier during enjoying good ice conditions in Trient, Switzerland.

PHOTOGRAPH © JUDITH SPANCKEN



HOTFORGED **CNC**

▶ **ANARCHIST**

The Anarchist too changes colour and becomes anodised as opposed to powder coated. We hope this will offer a more durable finish for the axes. Again work is in hand to fine tune the grips but news of that won't be available until the winter. Many of our top winter climbers have been using the Anarchist for some of their hardest icefall climbing too.

BENEFITS

- One piece Hot Forged shaft/head
- Hot Forged tapered pick
- Adjustable ergonomic handle
- Ideal for dry tooling/competition climbing
- Very strong and superb balance

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
ANARCHIST	50 cm	650 g	A0222



ADZE VERSION

▲ **FLY**

A hugely popular all rounder. At home on steep ice, mixed horrors or alpine summits. Comes with a T pick as standard.

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
FLY AXE	50 cm	680 g	A0171
FLY HAMMER	50 cm	685 g	A0172
FLY PICK/ADZE UNIT T TYPE	–	250 g	A0173
FLY PICK/ADZE UNIT B TYPE	–	240 g	A0173B
FLY PICK/HAMMER UNIT T TYPE	–	255 g	A0174
FLY PICK/HAMMER UNIT B TYPE	–	245 g	A0174B
SCREW SET PRE 2005	–	–	A1250S
SCREW SET POST 2005	–	–	A1450S
DELUX CHOKE HOLD LEASH	–	–	A1359



▲ **CIRQUE**

A super lightweight, very strong general mountaineering tool. Features a curved shaft for easier plunging when going uphill, and standard leash included in the price.

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
CIRQUE ALPINE AXE	50 cm	535 g	A0211
CIRQUE ALPINE AXE	55 cm	557 g	A0212
CIRQUE ALPINE AXE	60 cm	579 g	A0213
CIRQUE ALPINE AXE	65 cm	601 g	A0214
STANDARD LEASH	–	–	A0156



▲ **VAPOUR**

Fully tested yet very light, the Vapour is a great emergency or ski mountaineering tool.

▶ **STANDARD LEASH**



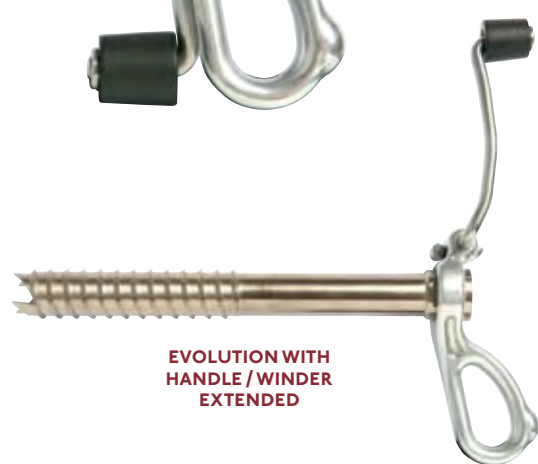
▶ **CHOKE HOLD LEASH**

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
VAPOUR ALPINE AXE	50 cm	440 g	A0201

Available in 10/13/17/22 cm lengths our ice screws are as smooth and sharp as they come. High end machining of the teeth and honing of the internal bore give them the cutting edge. The Evolution has a wire handle/winder which makes placement even faster in those difficult situations, but fortunately the screws still rack very neatly on your Harness and the handle is unlikely to get tangled in the rope or quickdraw when placed.



EVOLUTION ICE SCREWS



EVOLUTION WITH HANDLE / WINDER EXTENDED

REVOLUTION ICE SCREWS

PRODUCT	WEIGHT	STRENGTH	CATALOGUE NO.
REVOLUTION ICE SCREW 10 cm	116 g	progression only	C6610
REVOLUTION ICE SCREW 13 cm	126 g	10 kN	C6613
REVOLUTION ICE SCREW 17 cm	148 g	10 kN	C6617
REVOLUTION ICE SCREW 22 cm	165 g	10 kN	C6622
EVOLUTION ICE SCREW	TBC	TBC	TBC

Computer Numerical Control (CNC) centres carry out vital machining operations.

Mountain guiding places huge demands on your equipment. One seasons work is worth a couple of years normal use, even by active climbers, so any weakness is soon exposed. Hardware is punished relentlessly by day after day of steep ice, scratching around on the mixed terrain and weeks at a time on the rock. As professionals we need kit that can be relied on and DMM hardware fits the bill every time. And after a long season of work there's nothing we like more than hammering it all again on our playtime in the big hills.

Cheers.

ALPINE GUIDES
Al Powell and Rich Cross



DEADMAN

All Deadmen have been powder coated red which gives a high quality durable and classy finish. The striker plate is made of 304S stainless steel, and the wire is [7 x 19] 4 mm galvanised.



BULLDOG

The Bulldog has a new 11 mm Dyneema double sling sewn onto it. The pick is EN 24, 3.9 mm steel and of course fully Heat Treated. A tried and trusted very versatile piece of protection.

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
DEADMAN - POWDER COATED	360 g	-	A1300
BULLDOG - ICE ANCHOR	176 g	15 kN	C1325

Kicked, battered, crunched and stamped, crampons are possibly the piece of kit which receives the most abuse. Whether it's a grade 2 gully in Scotland or a mixed desperate Alpine face, the last thing you want is your crampons breaking half way up your climb. Functionality and durability are the key features of all our DMM crampons. The Terminator still heads up the line which is at present being finalised and which should be revealed in the Winter Shows.



TERMINATOR

The world's first fully asymmetrical crampon still enjoys tremendous popularity and has a loyal following. Fully rigid, with a variety of front point options, the Terminator is brilliant on steep ice pillars or mixed terrain. Antiballing plates, heel spur and spare front points come as standard.

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
TERMINATOR [inc. Antiballing Plate]	ONE SIZE	1020 g	C600AB
TERMINATOR ANTIBALLING PLATES	-	145 g	C6001
ICE POINTS PAIR	-	-	C6004



CRAMPON BAG


Updated for 2009, the DMM Crampon Bag features a super durable, envelope style construction. Available in a stylish grey colour, the bag also features a new zip closure for tools.

PRODUCT	LENGTH	WEIGHT	CATALOGUE NO.
CRAMPON BAG	ONE SIZE	140 g	A62008

TERMINATOR ANTIBALLING PLATES





 Ben Bransby making the first ground-up ascent of Cornelius E8 7a/ highball font 7c, at Ina's Rock, The Churnet Valley.

PHOTOGRAPH © ADAM LONG

BOULDERING

It takes time for climbers to get to know and trust new products. At DMM we understand this and that's why we are proud to have had nearly 30 years of continuous production for the climbing world, enabling us get to know and trust our hardware.

Although the above is true, our software range is still relatively new, but already we have seen rapid growth in sales in this area, and that has much to do with the quality of the product. Our range of pads has quickly grown to four, all of which use the best materials possible. Top quality 1000d Cordura, Plastel™ for the closures, and Lowe Alpine load locker metal buckles all ensure that the outer skin is strong and durable. However it is what is on the inside that makes all the difference when you hit the mat from that elusive Highball problem. That is why we haven't compromised on quantity, or quality to make sure your landing is safe and secure every time from the large area surface area of the Dyno, the reassuring thickness of the Highball, to the convenience of the Spot and Bit . Take your pick.

To accompany the mats we have a selection of chalk bags in modern fabrics and colours, and also crushed chalk, liquid chalk or chalk balls to suit every occasion. If you want a bag to carry your extras in, the courier bag is very versatile and can be used as a rope bag or bouldering bag, or just a bag about town! All in all we have applied the same rigorous standards we set ourselves with our hardware to these soft goods.



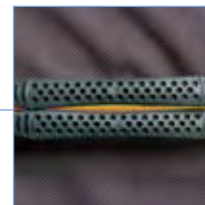
BOULDER MATS



 **RUCKSACK STYLE CARRYING SYSTEM**



 **RUBBER MOULDED CARRYING HANDLES**



 **EXTRA LOOPS AND STRAPS**

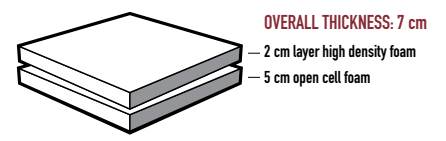


 **LOAD LOCKER BUCKLE**




 **SPOT**

The Spot is a small mat designed to act as a starter mat or as extra protection on a particularly nasty landing. It is filled with one layer of high density foam and one layer of open cell foam. It also has a generous and secure Velcro closure system, and a comfortable shoulder carrying strap. If you are using this with the larger Highball, it will fit inside the latter and be secured safely for carrying.



PRODUCT	THICKNESS	WIDTH [OPEN]	HEIGHT [OPEN]	WEIGHT	CATALOGUE NO.
BIT	4.5 cm	50 cm	100 cm	1.2 kg	BMAT-BIT
SPOT	7 cm	105 cm	80 cm	3.5 kg	BMAT-S
DYNO	9 cm	130 cm	100 cm	6.4 kg	BMAT-R
HIGHBALL	10.5 cm	122 cm	99 cm	5.4 kg	BMAT-L

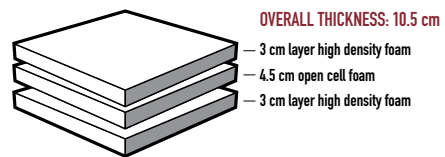


 Pete Robins bouldering out Poverty, font 7a+, Bowden Doors, Northumberland.

PHOTOGRAPH © ADAM LONG

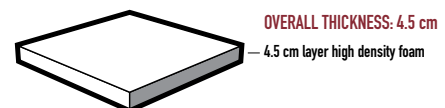
HIGHBALL

The Highball is a hinged style mat of very generous proportions. It is filled with three layers of foam forming a sandwich of two layers of high density foam around a central layer of conventional open cell. The advantages are that the tougher high density layers spread the force of the landing climber on the top side and also help lessen the effects of uneven ground/rocks on the underside. A comfortable rucksack style carrying system complete with waistbelt can be quickly changed to an over the shoulder style arrangement. The closure flaps are secured with aluminium buckles. These buckles are the patented Load Locker buckle designed by Lowe Alpine and made by DMM. The closure flaps help secure items you might want to carry inside your folded mat and prevent them falling out. Two rubber moulded carrying handles are ideal for moving the mat when in situ or for carrying as a 'suitcase'. Extra loops and straps are provided to clip and secure an additional bag etc. on the outside when carrying.



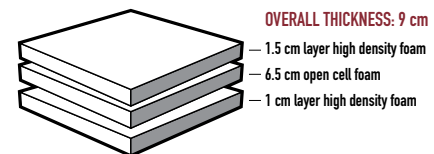
BIT

The Bit was a new addition to our range for 2008. This dependable mat is designed to accompany existing Dyno and Highball mats and protect the climber against short falls; so leaving your bigger mat ready for the nasty stuff!



DYNO

The third offering in our trio is the Dyno, featuring a 'Taco' style fold instead of a hinge. This pad also has a three layer sandwich of foam, although since the pad folds rather than hinges the high density foam has to be a little thinner. Other features are similar to the Highball, a comfortable removable rucksack style carrying system, alloy buckles and a carpet square for cleaning rockshoes on.



CHALK AND CHALK BAGS

FONT BOULDER BAG

Large communal bouldering bag. Secure closure, horizontal toothbrush elastics. Good sized external pocket to keep keys etc. safe.

Available in 10 colours.



TRAD & STRONE

The Trad & Strone chalk bags have had a facelift too and now feature different designs and modern fabrics.

Available in 10 colours.



CHALK AND FINGER TAPE

[left-right]

Chalk Ball [56 g], Liquid Chalk [200 ml], Crushed Chalk Tub [100 g], Crushed Chalk Bag [250 g] and Finger Tape [10 m long x 2.5 cm wide]



ROPE BAGS, HELMETS AND CLOTHING

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CLASSIC ROPE BAG

Totally redesigned, this bag is made from Ballistic Cordura with a heavy duty zip. With capacity to carry an 80 m rope plus shoes and draws, the bag also comes with a detachable, padded, rucksack style harness plus a large tarp and 4 colour coded tie-in points.



Available in Black, Denim Blue, Rich Red and Charcoal Grey.



COURIER BAG

A totally modern, large capacity courier style rope bag that is perfect for everyday life, whether you are going to the gym, the boulders or work. Featuring a detachable tarp, an organiser panel and fully adjustable shoulder and waist straps.

Available in Black, Denim Blue, Rich Red and Charcoal Grey.



GUIDE BOOK COVERS

T-SHIRTS AND HOODIES

DMM are happy to announce the long awaited arrival of 'Climb Now Work Later' Hoodies and T-shirts.

Working with the Soil Association's only UK certified organic t-shirt printer, we have sourced the finest high quality t-shirts and hooded sweatshirts, made from organic certified cotton. They have been printed using water based inks and are the perfect addition to your DMM rack.

100% certified combed organic cotton certified by Control Union to GOTS 180 g/m. The hoodies have a double lined hood and are heavy weight, long lasting and available in a range of great colours.

We have mens' and womens' t-shirts and a unisex hoodie available in a variety of colours.



MENS' T-SHIRT



WOMENS' T-SHIRT



UNISEX HOODIE



ASCENT HELMET

The Ascent is strong and robust, yet still relatively light, making it ideal for Centre/all round usage.

Available in Orange or White.

KIDS' ASCENT HELMET

New for next year we are offering a Kids version of this popular model. Smaller sizing, a better cradle design, reduced weight and better ventilation will make this a much sought after helmet for Groups, Schools, Centres and Gyms. Available in white or orange.



PRODUCT	WEIGHT	SIZE	COLOUR	CATALOGUE NO.
ASCENT	375 g	54-62 cm	WHITE	HELM-W
ASCENT	375 g	54-62 cm	ORANGE	HELM-O
KIDS' ASCENT	300 g	48-57 cm	WHITE	HELMK-W
KIDS' ASCENT	300 g	48-57 cm	ORANGE	HELMK-O

PRODUCT	CATALOGUE NO.
TRAD [10 colours available]	CB1500ASS
STRONE [10 colours available]	CB1502ASS
FONT [10 colours available]	CB1503ASS
CLASSIC [4 colours available]	RB1503ASS
COURIER BAG [4 colours available]	RB08
GUIDE BOOK COVERS	A6011 / A6012
FINGER TAPE	DMMCFT
LIQUID CHALK	DMMCCLIQ
CHALK BALLS	DMMCBBALLS
CRUSHED CHALK BAG	DMMCRRUSH
CRUSHED CHALK TUB	DMMCRTUB
T-SHIRT MEN	DMM-TM
T-SHIRT WOMEN	DMM-TW
HOODIES UNISEX	DMM-HOODIE

STEEL CARABINERS

Where weight isn't an issue, but durability and strength are, choose from a comprehensive range of steel carabiners. All steel carabiners are zinc plated to reduce the likelihood of corrosion.

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EQUAL D



OFFSET D



KLETTERSTEIG



SIDEWINDER LOCKSAFE



GYM DRAW



CAPTIVE EYE SCREWGATE

PRODUCT	STRENGTH [GATE CLOSED]	STRENGTH [GATE OPEN]	WEIGHT	GATE OPENING	CATALOGUE NO.
KLETTERSTEIG 12 mm STEEL SCREW GATE	45 kN	20 kN	258 g	23 mm	C842
KLETTERSTEIG 12 mm STEEL QUICKLOCK	45 kN	20 kN	274 g	23 mm	C843
KLETTERSTEIG 12 mm STEEL LOCKSAFE	45 kN	20 kN	275 g	23 mm	C847
OFFSET D 12 mm STEEL SCREW GATE	45 kN	25 kN	226 g	18 mm	C812
OFFSET D 12 mm STEEL QUICKLOCK	45 kN	25 kN	242 g	18 mm	C813
OFFSET D 12 mm STEEL LOCKSAFE	45 kN	25 kN	243 g	18 mm	C817
EQUAL D 10 mm STEEL SCREW GATE	30 kN	15 kN	150 g	15 mm	C412
GYM DRAW	30 kN	15 kN	150 g	15 mm	C416CB
SIDEWINDER STEEL LOCKSAFE	25 kN	-	235 g	19 mm	A9821
CAPTIVE EYE STEEL SCREWGATE	45 kN	-	250 g	18 mm	C962

ARBORISM, RESCUE & RIGGING

"Treemagineers is three practising arborists; Mark Bridge, Bernd Strasser and Chris Cowell. With joint objectives of improving safety and efficiency in professional tree care, they have contributed to product development in a strategic alliance with DMM to ensure their products are consistently market leaders."

www.treemagineers.com



HITCH CLIMBER

Combining a compact rigging plate with a highly efficient pulley, Hitch Climber is a generalist toy with lots of special abilities. Three connection holes mean many connection possibilities exist and carabiners need never be crushed together again. Used in a Tyrolean, haul back lines or friction, hitches can be attached to the side holes and the load suspended centrally, you can even make a chain of Hitch Climbers! Getting even more creative, multiple Hitch Climbers can be suspended eccentrically to create mechanical advantage systems for lifting loads. And once the load is where you want it, a friction hitch attached to one of the other holes can hold it in place. Hot Forging has enabled us to create sensual fairlead flares and beautifully rounded edges. These help guide rope smoothly onto the sheave and maintain the desired high efficiency. This means the effort put into lifting a load is not lost needlessly. And if all you do is use it as a standard pulley, you still benefit from Hitch Climbers cracking good looks. Problem solved!

Available in two colours Titanium and Red

For tree climbing applications make sure you read 'The Hitch Climbers Guide to the Canopy!' at:

www.treemagineers.com/downloads/hitch_climbers_guide.pdf

Treemagineers Mark Bridge, Bernd Strasser and Chris Cowell on Arborism duties.

PHOTOGRAPH © TREEMAGINEERS

BUDDY

It meets requirements of EN353-2002 and A.N.S.I Z359.1. Available in 10-11 mm and 11-13 mm rope sizes.



RIGGING HUBS

Not just for carabiners! Hubs are designed to be textile friendly, so webbing and rope will feel equally at home here. Use the slots for opposite and opposed carabiners, girth hitched Prusik loops and webbing slings, or run rope through the inner ring. Or do it all at the same time! Hubs have two ratings – strong slots and a super strong inner ring.

LARGE HUB
Slots: MBS: 50 kN,
WLL: 10 kN
Inner ring: MBS: 50 kN,
WLL: 10 kN



SMALL HUB
Slots: MBS: 50 kN,
WLL: 10 kN
Inner ring: MBS: 80 kN,
WLL: 16 kN



RANGE OF PULLEYS



SINGLE ATTACHMENT SINGLE SHEAVE



DOUBLE ATTACHMENT SINGLE SHEAVE



SINGLE ATTACHMENT DOUBLE SHEAVE



DOUBLE ATTACHMENT DOUBLE SHEAVE

PRODUCT	STRENGTH	LENGTH	WIDTH	WEIGHT	CATALOGUE NO.
SINGLE ATTACHMENT SINGLE SHEAVE PULLEY	30-15/15 kN	94 mm	52.5 mm	144 g	PUL210
SINGLE ATTACHMENT DOUBLE SHEAVE PULLEY	30-15/15 kN	94 mm	52.5 mm	249 g	PUL211
DOUBLE ATTACHMENT SINGLE SHEAVE PULLEY	30-15/15 kN	94 mm	52.5 mm	169 g	PUL220
DOUBLE ATTACHMENT DOUBLE SHEAVE PULLEY	30-15/15 kN	128 mm	52.5 mm	281 g	PUL221
FLARED TRIPLE ATTACHMENT PULLEY	24-12/12 kN	94 mm	68 mm	120 g	TB-PUL100
BUDDY	–	95 mm	78 mm	192 g	BUD100 / BUD200
SMALL RIGGING HUB	Diameter: 108 mm			201 g	ARB-HUB108
LARGE RIGGING HUB	Diameter: 175 mm			761 g	ARB-HUB175

NYLON SLINGS

16 mm
ORANGE



16 mm
GREY



DYNEEMA SLINGS



8 mm
RED



8 mm
BLUE



11 mm
GREY



11 mm
GOLD

DAISY CHAINS



PRODUCT STRENGTH CATALOGUE NO.

PRODUCT	STRENGTH	CATALOGUE NO.
DYNEEMA SLING 11 mm x 12 cm	22 kN	SP1112AS
DYNEEMA SLING 11 mm x 18 cm	22 kN	SP1118AS
DYNEEMA SLING 11 mm x 25 cm	22 kN	SP1125AS
DYNEEMA SLING 11 mm x 30 cm	22 kN	SP1130
DYNEEMA SLING 11 mm x 60 cm	22 kN	SP1160
DYNEEMA SLING 11 mm x 120 cm	22 kN	SP11120
DYNEEMA SLING 11 mm x 240 cm	22 kN	SP11240
NYLON SLING 16 mm x 12 cm	22kN	MA1612AS
NYLON SLING 16 mm x 18 cm	22 kN	MA1618AS
NYLON SLING 16 mm x 60 cm	22 kN	MA1660
NYLON SLING 16 mm x 90 cm	22 kN	MA1690
NYLON SLING 16 mm x 120 cm	22 kN	MA16120
NYLON SLING 16 mm x 240 cm	22 kN	MA16240
NYLON SLING 26 mm x 60 cm	30 kN	MA2660
NYLON SLING 26 mm x 120 cm	30 kN	MA26120
NYLON SLING 26 mm x 240 cm	30 kN	MA26240
RIPSTOP D.L.L. SHOCK ABSORBER	22 kN	25RSDLL19
DAISY CHAIN 135 cm RED	22 kN [2 kN]	DC135RD
DAISY CHAIN 135 cm BLUE	22 kN [2 kN]	DC135BL



PHOTOGRAPH © STU MACALESE

BS EN ISO 9001:2000
QUALITY MANAGEMENT SYSTEM



The Quality Management System maintained by DMM is registered to BS EN ISO9001:2000 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 25 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 by independent auditors at regular intervals to ensure continuing compliance to the requirements of BS EN ISO9001:2000, and as part of our commitment to continuous improvement.

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.

BS EN ISO9001:2000 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 a legal requirement that we maintain our Quality Management System as part of the PPE Directive ‘CE’ marking process.

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.

UIAA CONFORMANCE



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.

All DMM Mountaineering products are also certified to the relevant UIAA Mountaineering Standard and a list of UIAA certified products can be found on their website: www.uiaa.ch

For more information on any of these areas, please visit our website at:

WWW.DMMWALES.COM

INVESTOR IN PEOPLE



DMM were the first manufacturing company in Wales to be registered to the Investor in People [IIP] standard [July 1992] & in December 2006 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.

“DMM are at the leading edge of climbing equipment design, constantly innovating and developing. Key to this process is the close relationship between DMM and the climbing fraternity. Members of the Association of Mountaineering Instructors value the functionality, high-quality and reliability of DMM equipment. As an association, we are proud to be in partnership with DMM.”

MIKE MARGESON
AMI PROFESSIONAL OFFICER



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.

When climbing, it's vital to evaluate everything for yourself, and judgement is very important, be careful out there and enjoy yourself!



High skills levels, craftsmanship and heritage in our traditional Tool Room.

DMM makes every effort to ensure the information in this catalogue is correct and up to date. However we reserve the right to change product specification when or if deemed necessary.

Whilst every effort is made to ensure the information held within this brochure is accurate, DMM International cannot be held responsible for any inaccuracies or omissions.

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