

**ROCK**<sup>®</sup>  
EMPIRE

**8/9**  
WORKBOOK



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8/9  
WORKBOOK



ROCK EMPIRE CLIMBING TEAM



Adam Ondra

In his 15 he is already well known among the climbing community as one of the most talented climber. Recently Adam managed to top Action Directe 11 (9a), Gambit 8c+ and Das Erbe Der Vater 8c+.

2008 ascents

- Digital Systém 8c OS, St. Linya
- Rollito Sharma Extension 8c OS, St.Linya
- En Voie Dure Simone 8b+/c OS, St. Legere
- La Rambla 9a+ RP, Siurana
- La Novena Enmienda 9a+ RP, St.Linya
- Fuck De System 9a RP, St. Linya
- Open Your Mind 9a RP, St. Linya
- Sanski Par Extension 9a RP, Misja pec
- Unplugged 11 (9a) RP, Frankenjura
- Action Directe 11 (9a), RP Frankenjura
- Dreamtime 8B+ boulder, Cresciano



Tomáš Sobotka

Together with another team member, Ondra Beneš, is well known for many first ascents on sand stone in Elbe river valley graded VI to XIb. He prefers RP and OS style. Tomáš is also an author of many first ascents in mountains.

Selected ascents

- Neuropatolog XIa RP, Příhrazy
- Nejslabší máte padáka XIa, Elbe rive valley
- Peklo na zemi XIa/b 1.RP, Elbe rive valley
- Nirvana -RP XIa 1.ascent+RP , Elbe rive valley
- Patagonia-Escudo-The Dream 5.10 A4
- EL CAP - West face 5.11d OS, Yosemite, USA
- El nino 5.13c AF, Yosemite, USA
- Fitz Roy, Franco- Argentinean Route (with J. Hudeček), 6c+, A1 in 24 hours
- Always on the sun 7c+ OS 400m, Madagascar
- Between the showers AF 9, Fleischbank
- Shortcut RP 7c+, Tsaranoro, Madagascar



Marek Holeček

For a long time Marek is the top Czech climber, who has signed many difficult routes on sand stone and in mountains (Alps, Patagonia, Karakoram, Himalaya). Marek was together with Jan Kreisinger awarded Golden Piton for their first ascent on Meru Central (Filek's...).

Selected ascents

- First ascent Filek's heavenly laughter,
- Meru Central- 7a, M5, 80°, 2000 meters, in 13 days, India, Gharwal
- Klashar M6+, VI 6, 1.ascent, Nepal, Himalaya
- Czech expres 9-/A3+, 1.ascent, Amin Brakk, Pakistan/ Karakoram
- New line M.P.J. 8/A3+, Central Tower, Chile/Patagonia
- El Niño 5.13c AF, El Capitan, Yosemite, USA
- Otíkovi mokré sny 9-/9, Peak 4810, 1. ascent, Ochtokurova paběda 8+/A4, 1.ascent, Octouber Kyrgyzstan/ Pamiro-Alaj



Ondra Beneš

Ondra is not only an expert in climbing and making new routes on sand stone, but belongs also to top climbers in big walls. He managed multi-pitch Silbergeier 8b+ and also only third repeat of Bravo les Filles 8b in Madagascar.

Selected ascents

- Nejslabší máte padáka XIa, Elbe rive valley
- Hadi oči XIa (8a+/b), Elbe rive valley
- Akumulátor XIa (8b), Teplice
- Peklo na zemi XIa (8b), Elbe rive valley
- Nejistá sezona XIa/b (8b/b+), Tisá
- Zub za zub AF 9+, Ratikon
- Between the showers AF 9, Fleischbank
- Shortcut RP 7c+, Tsaranoro, Madagascar
- Silbergeier 8b+, Ratikon
- Bravo les filles 8b, Madagascar
- Lilith 7c+ OS (280m, 5 hours), Ratikon





NAME		GUARDIAN QB	VESPER QB	SIRION QB	GIBBON QB	PEAK	THRONE QB	KOSMAN QB	LIGHTNING	SELLA	SKIALP	SPEEDY QB	COSMIC	GYM	CANYON	EIGHT VARIO*	APACHE	SPELEO	KOROWAI	SKILL LITE	
CODE		508 010	509 010	510 010	501 612	502 705/ 706	507 010	502 012/ 013	506 200	503 802	506 100	501 710	500 701/702	501 703	500 601/602	501 002	500 301	503 901	511 010	550 202	
WEIGHT (g/oz.)		502/ 17	502/ 17	310/ 11	430/ 15	410/ 14	545/ 19	505/ 18	350/ 12	700/ 25	230/ 9	545/ 19	430/ 15	310/ 11	720/ 25	240/ 8	380/ 13	720/ 25	390/ 17	750/ 26	
WAIST BELT	XS	65 - 73	62 - 70	65 - 73	64 - 74	60 - 70	65 - 85	63 - 86	57 - 70	ONE SIZE	57 - 70	57 - 100	57 - 100	57 - 100	57 - 100	ONE SIZE	ONE SIZE	57 - 100	65 - 81	ONE SIZE	
	S	70 - 80	69 - 77	70 - 80	69 - 80	63 - 77			63 - 76		63 - 76										
	M	78 - 86	75 - 83	78 - 85	78 - 85	65 - 80			72 - 85		72 - 85										
	L	83 - 92	80 - 89	83 - 92	87 - 97	70 - 88	81 - 100	79 - 100	80 - 93		80 - 93								79 - 105		
	XL	89 - 100	-	-	90 - 100	75 - 92			87 - 100		87 - 100										
	XXL	-	-	-	-	80 - 96			-		-										
LEG LOOP	XS	47 - 52	45 - 50	45 - 52	47 - 60	40 - 58	48 - 60	50 - 62	43 - 53	ONE SIZE	43 - 53	43 - 71	43 - 71	43 - 71	43 - 71	ONE SIZE	ONE SIZE	43 - 71	44 - 56	ONE SIZE	
	S	50 - 57	48 - 53	78 - 55	53 - 66	43 - 60			47 - 57		47 - 57										
	M	52 - 58	52 - 58	50 - 58	56 - 69	48 - 61			52 - 62		52 - 62										
	L	56 - 62	56 - 60	56 - 62	62 - 75	52 - 68	57 - 66	58 - 73	57 - 67		57 - 67								52 - 68		
	XL	60 - 66	--	-	64 - 75	56 - 74			61 - 71		61 - 71										
	XXL	-		-	-	60 - 78			-		-										
		ROCK SERIES					BIG WALL SERIES		MOUNTAIN SERIES			INDOOR SERIES			SPECIALS				ADVENTURE SERIES		

\* Eight Vario - use in combination with sit harness only.



# ROCK SERIES

Harnesses

508 010

## Guardian QB

Top harness for rock climbing. Double belay loop for technical climbing and belaying.

Weight: 502 g/17 oz. (M)  
Size: XS-XL  
Colour: Blue



- ADJUSTABLE LEG LOOPS
- 4 GEAR LOOPS
- GEAR LOOPS CAPACITY 5KG
- 3D PADDING
- CARABINER HOLDER



GEARHOLDER



HMS LOOP



DELTA SHAPE

Size	XS	S	M	L	XL
A cm	65-73	70-80	78-86	83-92	89-100
B cm	47-52	50-57	52-58	56-62	60-66
A in	25-28	27-31	30-33	32-36	35-39
B in	18-20	19-22	20-23	22-24	23-26



Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■

501 612

## Gibbon QB

Lightweight harness with three QB buckles and double waist belt.

Weight: 430 g/15 oz. (M)  
Size: XS-XL  
Colour: Gold

- 3 QB BUCKLES
- ADJUSTABLE LEG LOOPS
- 4 GEAR LOOPS
- GEAR LOOPS CAPACITY 5KG
- ANATOMICAL SHAPE
- DOUBLE WAIST BELT FOR GOOD VENTING

Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■

Size	XS	S	M	L	XL
A cm	64-74	69-80	78-85	87-97	90-100
B cm	47-60	53-66	56-69	62-75	64-75
A in	25-29	27-32	31-33	34-38	35-39
B in	19-24	21-26	22-27	24-30	25-30



509 010

## Vesper QB Harness

Specially designed for ladies. Easily adjustable and comfortable leg loops. Double belay loop for technical climbing and belaying.

Weight: 502 g/17 oz. (M)  
Size: XS-L  
Colour: Green



- ADJUSTABLE LEG LOOPS
- 4 GEAR LOOPS
- GEAR LOOPS CAPACITY 5KG
- 3D PADDING
- CARABINER HOLDER



GEARHOLDER



HMS LOOP



DELTA SHAPE

Size	XS	S	M	L
A cm	62-70	69-77	75-83	80-89
B cm	45-50	48-53	52-58	56-60
A in	24-27,5	27-30	29-32	31-35
B in	17-19	18-21	20-23	22-23



Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■





502 705 (orange)  
502 706 (blue)

Peak

Well-established, comfortable and fully adjustable harness for sport climbing.

- Weight: 410 g/14 oz. (M)  
Size: XS-XXL  
Colour: Orange/ Blue
- ADJUSTABLE LEG LOOPS
  - 4 GEAR LOOPS
  - GEAR LOOPS CAPACITY 5KG



Colour: Blue



Size	XS	S	M	L	XL	XXL
A cm	60-70	63-77	65-80	70-88	75-92	80-96
B cm	40-58	43-60	48-64	52-68	56-74	60-78
A in	24-28	25-30	26-31	28-35	30-36	32-38
B in	16-23	17-24	19-25	20-27	22-29	24-31

Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■

510 010

Sirion QB



Very lightweight harness designed for a demanding sport climbing.

- Weight: 310 g/11 oz. (M)  
Size: XS-L  
Colour: Blue/White
- UNIQUE SHAPE OF PADDED FIXED LEG LOOPS
  - 4 GEAR LOOPS
  - GEAR LOOPS CAPACITY 5KG
  - 3D PADDING



BODY GEOMETRY



LIGHT BUCKLE

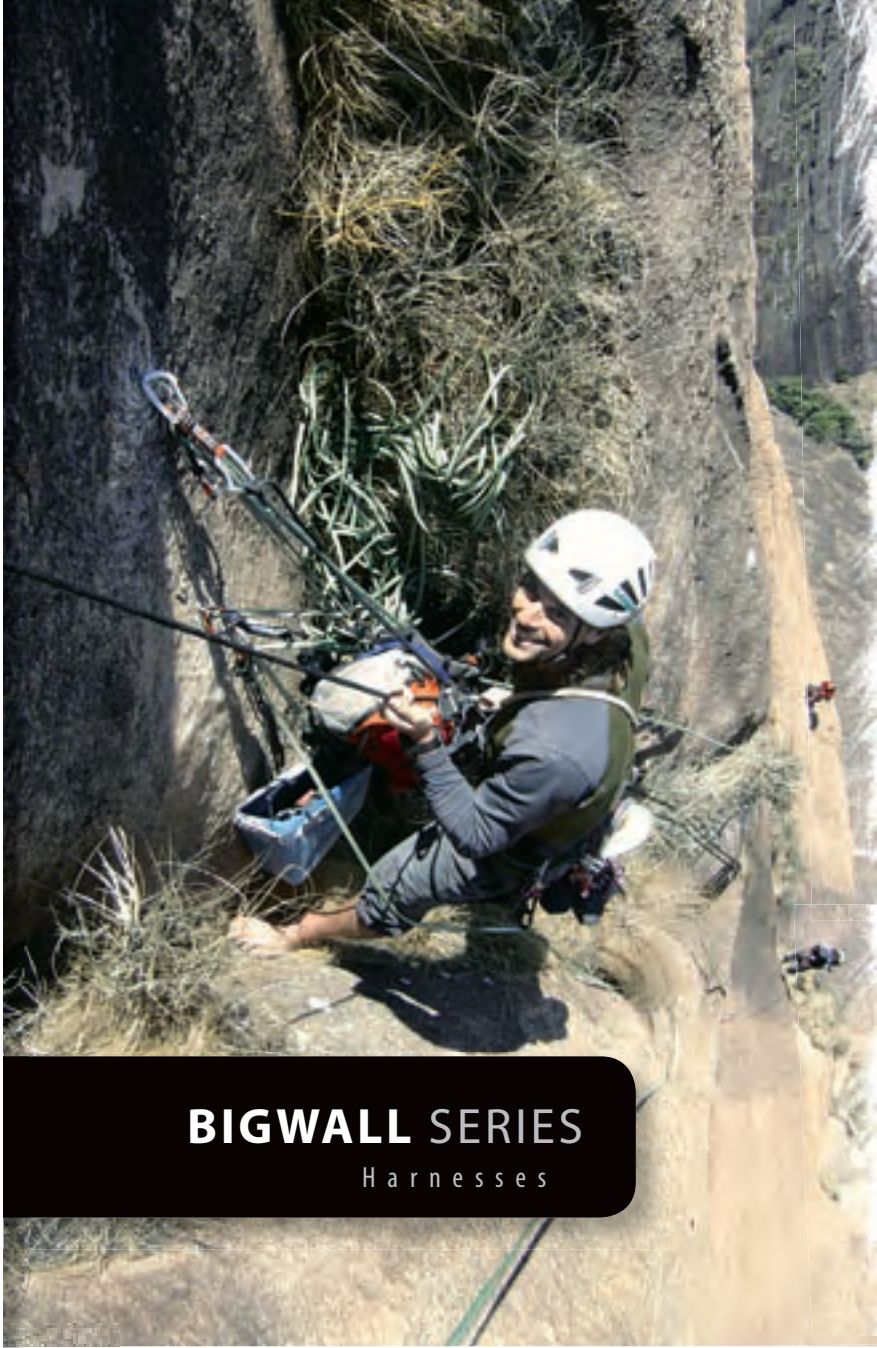


CONICAL SHAPE

Size	XS	S	M	L
A cm	65-73	70-80	78-85	83-92
B cm	45-52	48-55	50-58	56-62
A in	26-29	28-32	31-34	33-36
B in	18-21	19-22	20-23	22-24



Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■



BIGWALL SERIES  
Harnesses



502 012 (3D)  
502 013 (Standard)

Kosman QB

Fully padded harness for long and technical ascents.

- Weight: 505 g/18 oz. (Standard)  
(XS-M) 535 g/19 oz. (3D)  
Size: XS-M, L-XXL  
Colour: Blue

- 4 GEAR LOOPS
- ADJUSTABLE LEG LOOPS  
FIXED LEG LOOPS
- GEAR LOOPS CAPACITY 5KG
- ANATOMICAL SHAPE
- DOUBLE WAIST BELT  
FOR GOOD VENTING

Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■



Size	XS-M	L-XXL
A cm	63-86	79-100
B cm	50-62	58-73
A in	25-34	31-39
B in	20-24	23-29







507 010

Throne QB

Top harness for mountains and big walls. Double belay loop for technical climbing and belaying.

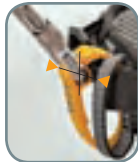
Weight: 545 g/19 oz. (XS-M)  
Size: XS-M, M-XXL  
Colour: Gold



- 4 QB BUCKLES
- ADJUSTABLE LEG LOOPS
- 4 GEAR LOOPS
- GEAR LOOPS CAPACITY 5KG
- 3D PADDING
- CARABINER HOLDER



GEARHOLDER



HMS LOOP



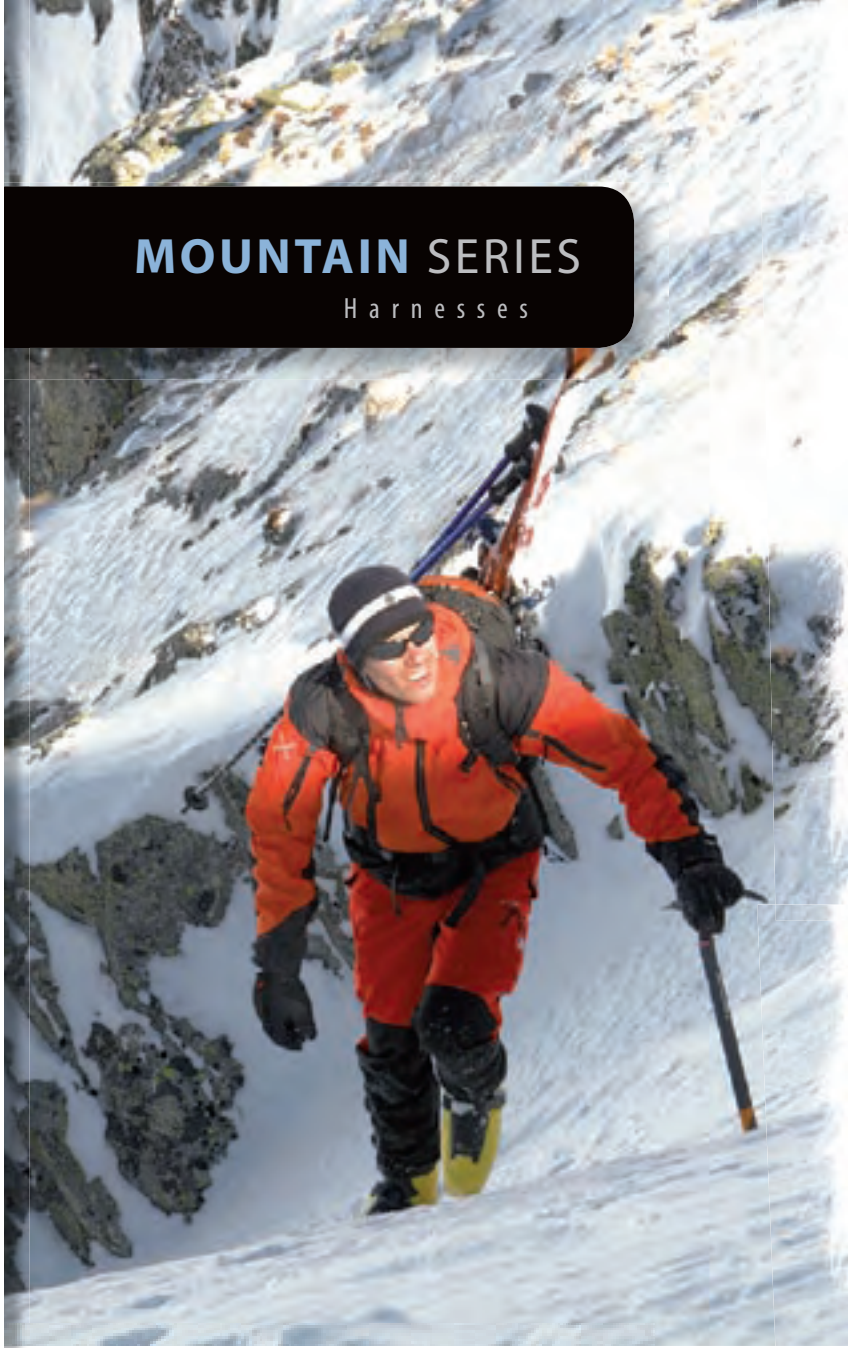
DELTA SHAPE

Rock	■ ■ ■
Big Wall	■ ■ ■
Mountain	■ ■ ■
Indoor	■ ■ ■
Via Ferrata	■ ■ ■
Ski Tours	■ ■ ■
Canyon	■ ■ ■

Size	XS-M	M-XXL
A cm	65-85	81-100
B cm	48-60	57-66
A in	25-33	32-39
B in	19-23	22-26



MOUNTAIN SERIES  
Harnesses



506 200

Lightning

Comfortable all-round harness with a special tightening system.

Weight: 350 g/12 oz. (M)  
Size: XS-XL  
Colour: Orange/ Black



- ADJUSTABLE REMOVABLE LEG LOOPS
- 4 GEAR LOOPS
- GEAR LOOPS CAPACITY 5 KG
- EASY TO PUT ON

Rock	■ ■ ■
Big Wall	■ ■ ■
Mountain	■ ■ ■
Indoor	■ ■ ■
Via Ferrata	■ ■ ■
Ski Tours	■ ■ ■
Canyon	■ ■ ■

Size	XS	S	M	L	XL
A cm	57-70	63-76	72-85	80-93	87-100
B cm	43-53	47-57	52-62	57-67	61-71
A in	22-28	25-30	28-33	31-37	34-39
B in	17-21	19-22	20-24	22-26	24-28



Rock	■ ■ ■
Big Wall	■ ■ ■
Mountain	■ ■ ■
Indoor	■ ■ ■
Via Ferrata	■ ■ ■
Ski Tours	■ ■ ■
Canyon	■ ■ ■

503 802

Sella

Full body harness designed specially for via ferrata and for beginners.

Weight: 700 g/25 oz.  
Size: One size fits all.

- 2 GEAR LOOPS
- 2 QB BUCKLES ON LEG LOOPS





506 100

Skialp

Harness specially designed for ski-touring and glacier-touring.

Weight: 230 g/9 oz. (M-L)  
Size: XS-XL  
Colour: Black

- REMOVABLE LEG LOOPS
- 2 GEAR LOOPS
- EASY TO PUT ON



Rock ■■■  
Big Wall ■■■  
Mountain ■■■  
Indoor ■■■  
Via Ferrata ■■■  
Ski Tours ■■■  
Canyon ■■■

Size	XS	S	M	L	XL
A cm	57-70	63-76	72-85	80-93	87-100
B cm	43-53	47-57	52-62	57-67	61-71
A in	22-28	25-30	28-33	31-37	34-39
B in	17-21	19-22	20-24	22-26	24-28



INDOOR SERIES  
& Special harnesses

501 710

Speedy QB

Non-padded harness suitable for via ferrata and indoor climbing.

Weight: 545 g/19 oz.  
Size: One size fits all  
Colour: Black



- ADJUSTABLE LEG LOOPS
- 3 QB BUCKLES
- 1 GEAR LOOP

Size	One size
A cm	57-100
B cm	43-71
A in	22-39
B in	17-28



Rock ■■■  
Big Wall ■■■  
Mountain ■■■  
Indoor ■■■  
Via Ferrata ■■■  
Ski Tours ■■■  
Canyon ■■■

500 701 (Black)  
500 702 (Blue)

Cosmic

Non-padded harness for easy outdoor activities.

Weight: 430 g/15 oz.  
Size: One size fits all.  
Colour: Black / Blue



- 1 GEAR LOOP
- ADJUSTABLE LEG LOOPS

Size	One size
A cm	57-100
B cm	43-71
A in	22-39
B in	17-28



Rock ■■■  
Big Wall ■■■  
Mountain ■■■  
Indoor ■■■  
Via Ferrata ■■■  
Ski Tours ■■■  
Canyon ■■■



501 703

### Gym

Non-padded harness suitable for beginners on artificial walls.

Weight: 310 g/11 oz.  
Size: One size fits all.  
Colour: Black

- 1 GEAR LOOP
- ADJUSTABLE LEG LOOPS

Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■



Size	Uni
A cm	57-100
B cm	43-71
A in	22-39
B in	17-28



500 601 (Black)  
500 602 (Blue)

### Canyon Cosmic

Non-padded harness suitable for canyoning in combination with Sit Protection.

Weight: 720 g/25,4 oz.  
Size: One size fits all.  
Colour: Black / Blue

- 1 GEAR LOOP
- ADJUSTABLE LEG LOOPS

Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■

Size	One size
A cm	57-100
B cm	43-71
A in	22-39
B in	17-28



501 002

### Eight Vario

Chest harness to be combined with a sit harness.

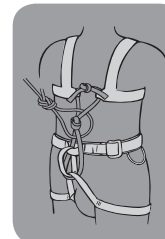
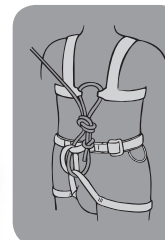
Weight: 240 g/8 oz.  
Size: one size

- ADJUSTABLE SHOULDERS



Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■

#### TECHTIPS



500 301

### Apache

Full body harness for body height between 100 and 140 cm (max. 40 kg).

Weight: 380 g/13 oz.  
Size: One size fits all.

- 2 GEAR LOOPS
- FULLY ADJUSTABLE



Rock	■ ■ ■ ■
Big Wall	■ ■ ■ ■
Mountain	■ ■ ■ ■
Indoor	■ ■ ■ ■
Via Ferrata	■ ■ ■ ■
Ski Tours	■ ■ ■ ■
Canyon	■ ■ ■ ■



503 901

Speleo



Non-padded harness for speleological activities. Equipped with a webbing protection against abrasion. The carabiner is not a part of the product and can be ordered separately.

Rock	■ ■ ■
Big Wall	■ ■ ■
Mountain	■ ■ ■
Indoor	■ ■ ■
Via Ferrata	■ ■ ■
Ski Tours	■ ■ ■
Canyon	■ ■ ■
Speleology	■ ■ ■

Weight: 720 g/25,4 oz.  
Size: One size fits all.  
Colour: Black / Yellow

Size	One size
A cm	57-100
B cm	43-71
A in	22-39
B in	17-28

- 3 GEAR LOOPS
- 4 QB BUCKLES
- SHIPPED WITHOUT THE CARABINER



## ADVENTURE SERIES

Harnesses



511 010

Korowai



Harness specially designed for use in adventure parks.

Weight: 390 g/17 oz.  
Colour: Green

- 2 GEAR LOOPS
- ADJUSTABLE LEG LOOPS
- 3 QB BUCKLES
- 3D PADDING



Rock	■ ■ ■
Big Wall	■ ■ ■
Mountain	■ ■ ■
Indoor	■ ■ ■
Via Ferrata	■ ■ ■
Ski Tours	■ ■ ■
Canyon	■ ■ ■
Adventure Park	■ ■ ■

Size	XS-M	M-XXL
A cm	65-81	79-105
B cm	44-56	52-68
A in	26-32	31-41
B in	17-22	21-27

550 202

Skill lite



Light full body harness for use in adventure parks.

Weight: 750 g/26,4 oz.

- 2 GEAR LOOPS
- 4 QB BUCKLES
- TIE-IN POINT ON THE BACK

EN 361



Tie-in point on the back

Rock	■ ■ ■
Big Wall	■ ■ ■
Mountain	■ ■ ■
Indoor	■ ■ ■
Via Ferrata	■ ■ ■
Ski Tours	■ ■ ■
Canyon	■ ■ ■
Adventure Park	■ ■ ■





## ACTIVE PROTECTION

Machined cams

# pulsar cams

Superb stability  
in a crack.  
Very durable  
thanks to its metal  
body.  
U-shape to protect  
the trigger.  
Double coloured  
dyneema  
slings.



7 SIZES  
U-SHAPE BODY  
DOUBLE SLINGS  
MACHINED HEAD  
COLOUR CODES



31006.1	31006.2	31006.3
Range min/max: 19-30 mm/0,75-1,18 in Weight: 105 g/3,70 oz. Size: 1 Strength: 14 kN	Range min/max: 25-40 mm/0,98-1,57 in Weight: 114 g/4,06 oz. Size: 2 Strength: 14 kN	Range min/max: 35-53 mm/1,38-2,09 in Weight: 153 g/5,40 oz. Size: 3 Strength: 14 kN
31006.4	31006.5	31006.6
Range min/max: 44-70 mm/1,73-2,72 in Weight: 174 g/6,14 oz. Size: 4 Strength: 12 kN	Range min/max: 58-90 mm/2,28-3,62 in Weight: 214 g/7,55 oz. Size: 5 Strength: 12 kN	Range min/max: 73-118 mm/2,87-4,65 in Weight: 258 g/9,10 oz. Size: 6 Strength: 12 kN
31006.7		
Range min/max: 99-146 mm/3,9-5,75 in Weight: 322 g/11,36 oz. Size: 7 Strength: 12 kN		



## ACTIVE PROTECTION

Machined cams

# robot cams

3 segments for tight cracks (size 0,25 – 0,75).  
Superb stability.  
Double coloured dyneema slings.



8 SIZES  
U-SHAPE BODY  
DOUBLE SLINGS  
3-SEGMENTS HEAD  
COLOUR CODES



31002.1

Robot 0,25D Cam

Range min/max: 12-16,5 mm/0,47-0,63 in  
Weight: 58 g/2,04 oz.  
Size: 0,25  
Strength: 7 kN

31002.2

Robot 0,5D Cam

Range min/max: 14-20 mm/0,55-0,79 in  
Weight: 64 g/2,26 oz.  
Size: 0,5  
Strength: 9 kN

31002.3

Robot 0,75D Cam

Range min/max: 17-24,5 mm/0,67-0,94 in  
Weight: 67 g/2,36 oz.  
Size: 0,75  
Strength: 10 kN

31001.1

Robot 1D Cam

Range min/max: 20-29 mm/0,79-1,14 in  
Weight: 96 g/3,38 oz.  
Size: 1  
Strength: 15 kN

31001.2

Robot 2D Cam

Range min/max: 27-41 mm/1,06-1,61 in  
Weight: 107 g/3,8 oz.  
Size: 2  
Strength: 15 kN

31001.3

Robot 3D Cam

Range min/max: 35-53 mm/1,38-2,08 in  
Weight: 143 g/5,04 oz.  
Size: 3  
Strength: 15 kN

31001.4

Robot 4D Cam

Range min/max: 48-67 mm/1,89-2,64 in  
Weight: 167 g/5,89 oz.  
Size: 4  
Strength: 15 kN

31001.5

Robot 5D Cam

Range min/max: 61-91 mm/2,4-3,58 in  
Weight: 207 g/7,3 oz.  
Size: 5  
Strength: 15 kN



## ACTIVE PROTECTION

Machined cams

# flexor cams

NEW

10 SIZES  
ONE-STEM BODY  
DOUBLE SLINGS  
MACHINED HEAD  
COLOUR CODES

New model for 2009!  
Improved shape of segments.  
Flexible stem perfect for horizontal cracks.  
Machined head. When handling, it retains stiffness and flexibility.  
Double coloured dyneema slings.



31008.1

**Flexor 0,25D Cam**

Range min/max: 12-16 mm/0,47-0,63 in  
Weight: 76 g/2,68 oz.  
Size: 0,25  
Strength: 7 kN

31008.2

**Flexor 0,5D Cam**

Range min/max: 14-20 mm/0,55-0,79 in  
Weight: 81g/2,86 oz.  
Size: 0,5  
Strength: 9 kN

31008.3

**Flexor 0,75D Cam**

Range min/max: 16-22 mm/0,63-0,87 in  
Weight: 84 g/2,96 oz.  
Size: 0,75  
Strength: 10 kN

31008.4

**Flexor 1D Cam**

Range min/max: 19-27 mm/0,75-1,06 in  
Weight: 97 g/3,42 oz.  
Size: 1  
Strength: 11 kN

31008.5

**Flexor 2D Cam**

Range min/max: 22-33 mm/0,87-1,30 in  
Weight: 106 g/3,74 oz.  
Size: 2  
Strength: 11 kN

31008.6

**Flexor 3D Cam**

Range min/max: 27-43 mm/1,06-1,69 in  
Weight: 115 g/4,06 oz.  
Size: 3  
Strength: 11 kN

31008.7

**Flexor 4D Cam**

Range min/max: 33-53 mm/1,3-2,1 in  
Weight: 151g/5,33 oz.  
Size: 4  
Strength: 12 kN

31008.8

**Flexor 5D Cam**

Range min/max: 43-67 mm/1,69-2,64 in  
Weight: 168g/5,93 oz.  
Size: 5  
Strength: 12 kN

31008.9

**Flexor 6D Cam**

Range min/max: 55-85 mm/2,17-3,35 in  
Weight: 223g/7,87 oz.  
Size: 6  
Strength: 12 kN

31008.10

**Flexor 7D Cam**

Range min/max: 70-105 mm/2,76-4,13 in  
Weight: 275g/9,70 oz.  
Size: 7  
Strength: 12 kN



## ACTIVE PROTECTION

Machined cams

# comet cams

One stem  
construction.  
Lightweight cam.  
Machined head.  
Coloured triggers  
and dyneema  
slings.



10 SIZES  
LIGHT-WEIGHT  
DYNEEMA SLINGS  
MACHINED HEAD  
COLOUR CODES



31005.1

Comet 0,25D Cam

Range min/max: 12-16,5 mm/0,47-0,63 in  
Weight: 65 g/2,29 oz.  
Size: 0,25  
Strength: 7 kN

31005.2

Comet 0,5D Cam

Range min/max: 14-20 mm/0,55-0,79 in  
Weight: 70 g/2,47 oz.  
Size: 0,5  
Strength: 9 kN

31005.3

Comet 0,75D Cam

Range min/max: 17-24,5 mm/0,67-0,94 in  
Weight: 72 g/2,54 oz.  
Size: 0,75  
Strength: 10 kN

31005.4

Comet 1D Cam

Range min/max: 20-29 mm/0,79-1,14 in  
Weight: 89 g/3,14 oz.  
Size: 1  
Strength: 11 kN

31005.5

Comet 2D Cam

Range min/max: 27-41 mm/1,06-1,61 in  
Weight: 97 g/3,42 oz.  
Size: 2  
Strength: 11 kN

31005.6

Comet 3D Cam

Range min/max: 35-53 mm/1,38-2,08 in  
Weight: 131 g/4,62 oz.  
Size: 3  
Strength: 12 kN

31005.7

Comet 4D Cam

Range min/max: 48-67 mm/1,89-2,64 in  
Weight: 155 g/5,47 oz.  
Size: 4  
Strength: 12 kN

31005.8

Comet 5D Cam

Range min/max: 61-91 mm/2,4-3,58 in  
Weight: 220 g/7,76 oz.  
Size: 5  
Strength: 12 kN

31005.9

Comet 6D Cam

Range min/max: 72-113 mm/2,83-4,45 in  
Weight: 250 g/8,82 oz.  
Size: 6  
Strength: 12 kN

31005.10

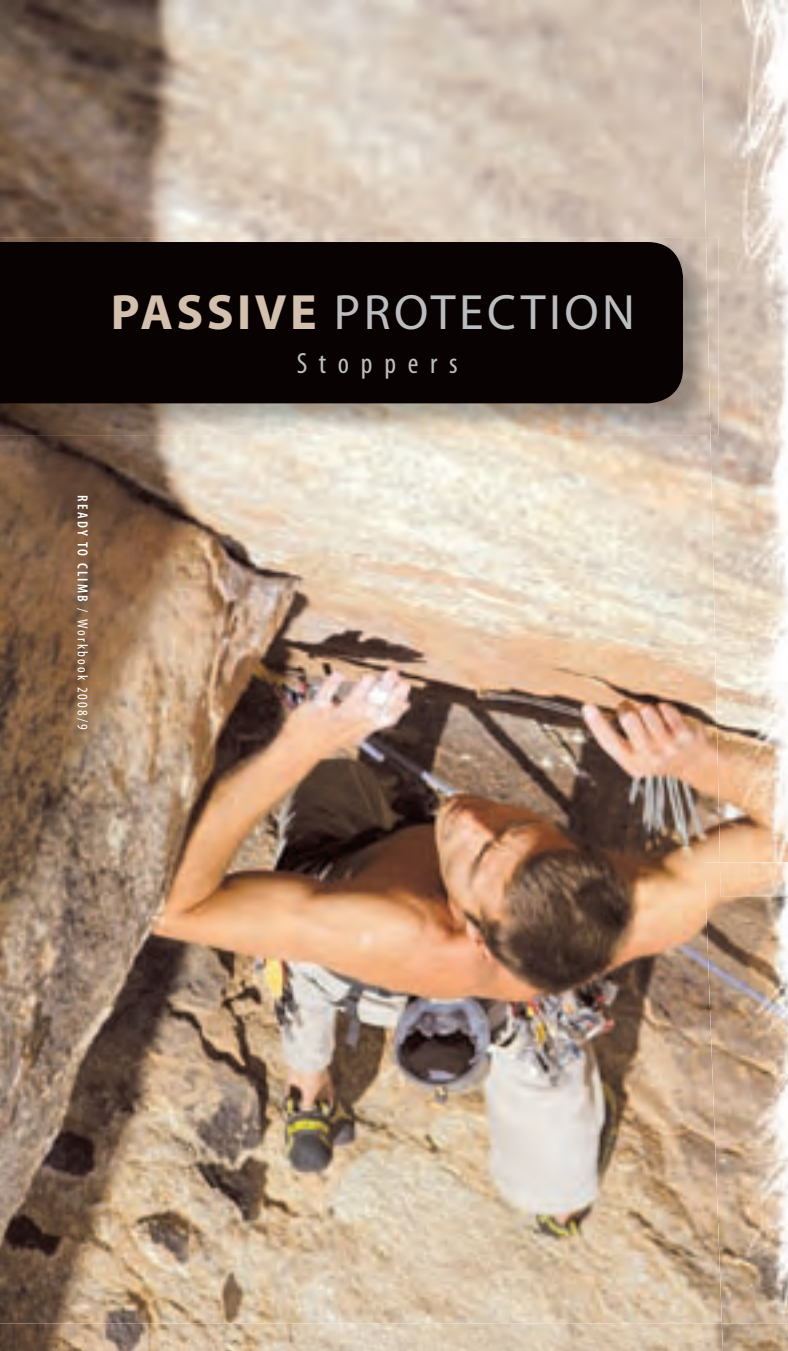
Comet 7D Cam

Range min/max: 90-140 mm/3,54-5,51 in  
Weight: 310 g/10,93 oz.  
Size: 7  
Strength: 12 kN



# PASSIVE PROTECTION

## Stoppers



### GRANITE set

This is a must for crack climbing. 11 sizes and their fully functional shape make it an ideal choice for protection in cracks. Granite excels in high strength and low weight.



Position **GRANITE set**

Size	Number	Strength A	Strength B	Weight
1	30014.1	6 kN	-	17 g/0,60 oz.
2	30014.2	8 kN	6 kN	24 g/0,85 oz.
3	30014.3	9 kN	8 kN	25 g/0,88 oz.
4	30014.4	10 kN	9 kN	26 g/0,92 oz.
5	30014.5	10 kN	10 kN	28 g/0,99 oz.
6	30014.6	10 kN	10 kN	31 g/1,09 oz.
7	30014.7	10 kN	10 kN	33 g/1,16 oz.
8	30014.8	10 kN	10 kN	36 g/1,27 oz.
9	30014.9	12 kN	12 kN	41 g/1,44 oz.
10	30014.10	12 kN	12 kN	50 g/1,76 oz.
11	30014.11	12 kN	12 kN	57 g/2,01 oz.

### BRASS-CHOCKS set

8 sizes of a standard wedge-shaped stoppers provide together with Granite and Duo stoppers a unique combination of passive protection for almost any kind of crack.



Position **BRASS-CHOCKS set**

Size	Number	Strength A	Strength B	Weight
1	30005.1	6 kN	-	17 g/0,60 oz.
2	30005.2	6 kN	-	18 g/0,63 oz.
3	30005.3	7 kN	-	19 g/0,67 oz.
4	30005.4	7 kN	4 kN	26 g/0,91 oz.
5	30005.5	8 kN	7 kN	28 g/0,98 oz.
6	30005.6	8 kN	7 kN	30 g/1,05 oz.
7	30005.7	9 kN	8 kN	34 g/1,19 oz.
8	30005.8	9 kN	8 kN	38 g/1,34 oz.

### DUO set

This is a necessary gear when you climb a route with mostly thin cracks. Zinc-based alloy ensures high strength and sufficient adhesion to the rock structure. Manufactured in 5 sizes.

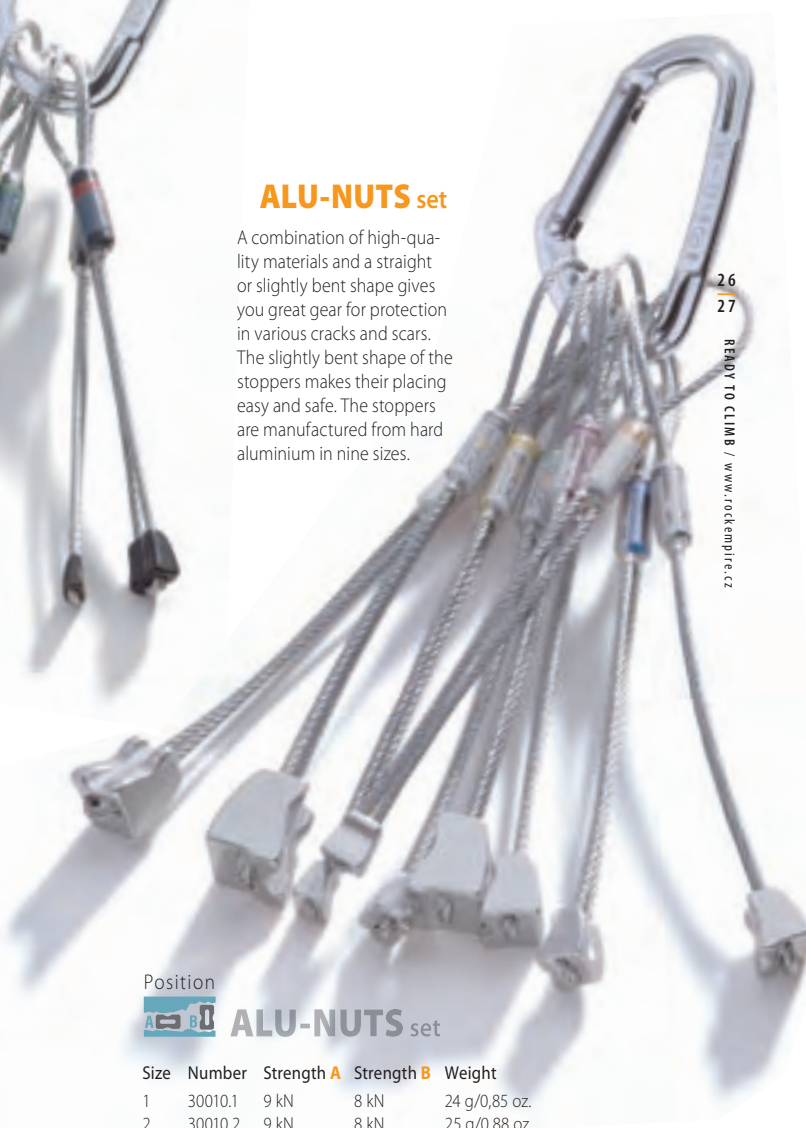


Position **DUO set**

Size	Number	Strength A	Strength B	Weight
1	30011.1	6 kN	3 kN	15 g/0,53 oz.
2	30011.2	6 kN	3 kN	16 g/0,56 oz.
3	30011.3	6 kN	3 kN	17 g/0,60 oz.
4	30011.4	10 kN	6 kN	23 g/0,81 oz.
5	30011.5	10 kN	6 kN	25 g/0,88 oz.

### ALU-NUTS set

A combination of high-quality materials and a straight or slightly bent shape gives you great gear for protection in various cracks and scars. The slightly bent shape of the stoppers makes their placing easy and safe. The stoppers are manufactured from hard aluminium in nine sizes.



Position **ALU-NUTS set**

Size	Number	Strength A	Strength B	Weight
1	30010.1	9 kN	8 kN	24 g/0,85 oz.
2	30010.2	9 kN	8 kN	25 g/0,88 oz.
3	30010.3	9 kN	8 kN	26 g/0,92 oz.
4	30010.4	10 kN	10 kN	27 g/0,95 oz.
5	30010.5	10 kN	10 kN	29 g/1,02 oz.
6	30010.6	10 kN	10 kN	32 g/1,13 oz.
7	30010.7	10 kN	10 kN	36 g/1,27 oz.
8	30010.8	12 kN	12 kN	43 g/1,52 oz.
9	30010.9	12 kN	12 kN	50 g/1,76 oz.



## QUICKDRAWS & BELAYS

### Carabiners

Bond



S 980 019

#### R.E. set BOND

Carabiner: K-Lock  
Weight: 131 g/4,62 oz.  
Length (sling): 130 mm/ 5,12 in  
Width (sling): 25/16 mm/0,98/0,63 in  
PAD  
Tensite strength: 24/8/8 kN  
Style: polish/ logo

Combi



S 982 021

#### R.E.set COMBI

Carabiner: standard/ wire  
Weight: 104 g/3,67 oz.  
Length (sling): 110 mm/4,33 in  
Width (sling): 16 mm/0,63 in  
PAD  
Tensite strength: 23/8/8 kN  
Style: polish

Classic



S 980 020

#### R.E. set CLASSIC

Carabiner: K-Lock  
Weight: 101 g/3,56 oz.  
Length (sling): 110 mm/4,33 in  
Width (sling): 20 mm/0,79 in  
PAD  
Tensite strength: 24/8/8 kN  
Style: polish

Light



S 981 022

#### R.E.set LIGHT

Carabiner: wire  
Weight: 75 g/2,65 oz.  
Length (sling): 110 mm/4,33 in  
Width (sling): 12 mm/0,47 in  
Dyneema  
Tensite strength: 22/8/8 kN  
Style: elox

#### TECHTIPS•



K-LOCK  
system

K 9 104 006

#### HMS 110

Carabiner: HMS K-Lock  
Weight: 88 g/3,10 oz.  
Tensite strength: 24/8/8 kN  
Gate aperture: 23 mm/0,91 in  
Style: polish

K-LOCK  
system

K 9 104 005

#### Carabiner SG-KL

Carabiner: K-Lock  
Weight: 72 g/2,54 oz.  
Gate aperture: 20 mm/0,79 in  
Tensite strength: 28/8/8 kN  
Style: elox

K-LOCK  
system

K 9 104 004

#### HMS 120

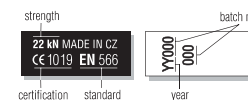
Carabiner: HMS K-Lock  
Weight: 93 g/3,28 oz.  
Tensite strength: 24/8/8 kN  
Gate aperture: 23 mm/0,91 in  
Style: polish

K 9 104 007

#### Carabiner SG

Carabiner: standard  
Weight: 70 g/2,47 oz.  
Gate aperture: 20 mm/0,79 in  
Tensite strength: 28/8/8 kN  
Style: elox

#### TECHTIPS•



K 920 1014

#### R.E. Guard

Rope: 9 - 11 mm  
Weight: 54 g/1,90 oz.  
Style: elox

K 920 1010

#### R.E. Eight

Weight: 106 g/3,74 oz.  
Tensite strength: 30 kN  
Style: elox



## EXPRESS & SLINGS

Open and sewn slings

### Sewn sling

Number	Length	Strength	Width
51XX011	11 cm/4 in	22 kN	20 mm /0,78 in
51XX016	16 cm/6 in	22 kN	20 mm /0,78 in
51XX021	21 cm/8 in	22 kN	20 mm /0,78 in
51XX026	26 cm/10 in	22 kN	20 mm /0,78 in

### Daisy Chain Dyneema

**Length:** 110 cm/43,31 in  
 140 cm/55,12 in  
**Width:** 12 mm/0,47 in  
**Strength:** 22 kN

### Open slings Dyneema

Number	Length	Strength	Width
526X031	31 cm/12 in	22 kN	12 mm /0,47 in
526X060	60 cm/23 in	22 kN	12 mm /0,47 in
526X080	80 cm/31 in	22 kN	12 mm /0,47 in
526X120	120 cm/47 in	22 kN	12 mm /0,47 in

### Open slings

Number	Length	Strength	Width
52XX031	31 cm/12 in	22 kN	22 mm /0,78 in
52XX060	60 cm/23 in	22 kN	22 mm /0,78 in
52XX080	80 cm/31 in	22 kN	22 mm /0,78 in
52XX120	120 cm/47 in	22 kN	22 mm /0,78 in

### Sewn slings Dyneema

Number	Length	Strength	Width
516X011	11 cm/4 in	22 kN	12 mm /0,47 in
516X016	16 cm/6 in	22 kN	12 mm /0,47 in
516X021	21 cm/8 in	22 kN	12 mm /0,47 in
516X026	26 cm/10 in	22 kN	12 mm /0,47 in

#### TECHTIPS

1. Diagram showing a single sling attached to a carabiner with a 1000 kg load.
2. Diagram showing a double sling attached to a carabiner with a 1000 kg load.
3. Diagram showing a triple sling attached to a carabiner with a 1000 kg load.



# DYNAMIC ROPES

Rocks & mountains



01  
Colour

02  
Colour

03  
Colour

## Tango

Diameter: 9,8  
Type: single rope  
Falls: 7  
Impact force: 680 daN  
Sheath slippage: 0 mm  
Knotability: 0,95  
Elongation: 7,80%  
Weight: 65 g/m



Number	Option	Diameter	Type
DA04YYXX	standard	9,8 mm	single rope
DB04YYXX	WR	9,8 mm	single rope
DC04YYXX	C.I.A.P.	9,8 mm	single rope

01  
Colour

02  
Colour

03  
Colour

## Focus

Diameter: 10,5  
Type: single rope  
Falls: 9  
Impact force: 810 daN  
Sheath slippage: 0 mm  
Knotability: 0,7  
Elongation: 7%  
Weight: 72 g/m



Number	Option	Diameter	Type
DA05YYXX	standard	10,5 mm	single rope
DB05YYXX	WR	10,5 mm	single rope
DC05YYXX	C.I.A.P.	10,5 mm	single rope

01  
Colour

02  
Colour

## Onyx

Diameter: 8,5  
Type: half rope  
Falls: 7  
Impact force: 540 daN  
Sheath slippage: 0 mm  
Knotability: 0,6  
Elongation: 8%  
Weight: 48 g/m



Number	Optional	Diameter	Type
DA02YYXX	standard	8,5 mm	half rope
DB02YYXX	WR	8,5 mm	half rope
DC02YYXX	C.I.A.P.	8,5 mm	half rope

02  
Colour

01  
Colour

## Duo

Diameter: 7,9  
Type: twin rope  
Falls: 12  
Impact force: 830 daN  
Sheath slippage: 0 mm  
Knotability: 0,75  
Elongation: 5%  
Weight: 41 g/m



Number	Option	Diameter	Type
DA01YYXX	standard	7,9 mm	twin rope
DB01YYXX	WR	7,9 mm	twin rope
DC01YYXX	C.I.A.P.	7,9 mm	twin rope



## ACCESSORIES SERIES

### & Via ferrata sets

READY TO CLIMB / Workbook 2008/9 - www.rockempire.cz

540001

### Inhibitor Tech

Elastic bands, automatic carabiners.

Weight: 528 g/19 oz.



K-LOCK System

### TECHTIPS



**! WARNING/ACHTUNG/ATTENTION/ATTENZIONE/ATENCIÓN/POZOR !**  
The other arm of the Y shaped carabiner must never be hooked onto the harness.  
Das zweite Ende des Y-förmigen Karabiners darf nie am Gurt befestigt werden.  
Le deuxième bras du Y ne doit jamais être accroché sur le harnais.  
Il secondo capo della Y non va mai agganciato all'imbottitura.  
La segunda cinta de la Y nunca debe fijarse al arnés.  
Drugi koniec Y-kształtnej karabinki nigdy nie należy przypięć do pasa.



592 999

### Whistle



540000

### Inhibitor

Weight: 290 g/10,4 oz.



Ronin  
200 14

Kanrei  
200 13

Shogun  
200 08

### Climbing shoes

Upper: synthetic leather  
1,4 - 1,6 mm

Size: 3,5 - 12



536001

### Crash Pad

Weight: 4500 g/158,73 oz.

Size: 90 x 60 x 18 cm/ 35,43 x 23,62 x 7,09  
(open) 90 x 120 x 9 cm/ 47,24 x 23,62 x 3,54

300 07.6

### Nut Tool Clip

Opener.



### Chalk Bags

Size: Small (Arco) 531 0001  
Medium (Buoux) 531 0002  
Large (Verdon) 531 0003



### X- Bags

Big chalk bags ideal for bouldering, perfect velcro closing doesn't allow to spread out the chalk.

Number: 531 901 (Orange)  
531 902 (Grey)



533 001

### Rope Backpack

A simple bag for carrying all your climbing stuff combined with a climbing rope protection sheet. Two straps make it a backpack which is easy to carry.



534 001

### Rope Bag

A simple bag for carrying all your climbing stuff combined with a climbing rope protection sheet. Equipped with a strap so that it can be carried on your shoulder.

300 07.4

### Nut Tool Opener

Opener.



300 07.5

### Nut Tool



591 002

### Belt



591 001

### QB Belt



531 999

### Chalk Belt



300 07.1 (Brass)  
300 07.2 (Alu)  
300 07.3 (Cam)

### Key Rings



5199 0001

### Key Holder Slings





## TREKKING GEAR

Sleeping bags &amp; Tents



19009.1 (Long)  
19009.0 (Reg.)

**Montana** -10 °C / -17 °C / -38 °C

The warmest sleeping bag in the Rock Empire line. The Quatrotherm insulation in three layers ensures highly effective insulation.

<b>Size:</b>	(Long) 230x80x50 cm, (90,55x31,50x19,69 in) (Reg.) 205x80x50 cm, (80,71x31,50x19,69 in)
<b>Weight:</b>	(Long) max. 2960 g / min. 2800, (104,41oz. / 98,77oz.) (Reg.) 2585 g / 2435 g, (91,18 oz. / 85,89 oz.)
<b>Filling:</b>	Quatrotherm, 180 g/m <sup>2</sup> x 3
<b>Outside m.:</b>	44D 260T Nylon Tactel Ripstop
<b>Inner m.:</b>	44D 237T Nylon Tactel Taffeta
<b>Cover:</b>	(Long) 56x32 cm, (22,05x12,60 in) (Reg.) 51x28 cm, (20,08x11,02 in)
<b>Temps:</b>	EN13537 (comfort/limit/extreme) -10 °C / -17 °C / -38 °C



19003.1 (Long)  
19003.0 (Reg.)  
19003.2 (Small)

**Arktida** -3 °C / -9 °C / -28 °C

A comfortable sleeping bag for cold nights. Synthetic fibre in two layers ensures warmth and comfort. Arktida is available also in "Plus" type.

<b>Size:</b>	(Long) 230x80x50 cm (90,55x31,50x19,69 in) (Reg.) 205x80x50 cm (80,71x31,50x19,69 in) (Small) 195x75x48 cm (76,77x29,53x18,90)
<b>Weight:</b>	(Long) 1960 g/2120 g (74,78 oz. / 69,14 oz.) (Reg.) 1670 g/1830 g (64,55 oz. / 58,91 oz.) (Small) 1530 g/ 1400 g (53,97 oz. / 49,38 oz.)
<b>Filling:</b>	DuPont® Thermolite Quallo, 160 g/m <sup>2</sup> x 2
<b>Outside m.:</b>	44D 234T Tactel Nylon Ripstop
<b>Inner m.:</b>	44D 237T Tactel Soft Nylon
<b>Cover:</b>	(Long) 46x26 cm (18,11x10,24 in) (Reg.) 46x24 cm (18,11x9,45 in) (Small) 43x20 cm (16,93x7,87 in)
<b>Temps:</b>	EN13537 (comfort/limit/extreme) -3 °C / -9 °C / -28 °C



19006.1 (Long)  
19006.0 (Reg.)  
19006.2 (Small)

**Blizzard Mosquito** -2 °C / -8 °C / -27 °C

A sleeping bag with optimum filling for more severe conditions. Fabric „Mosquito“ impregnation against insect.

<b>Size:</b>	(Long) 230x80x50 cm, (90,55x31,50x19,69 in) (Reg.) 205x80x50 cm, (80,71x31,50x19,69 in) (Small) 195x75x48 cm, (76,77x29,53x18,90)
<b>Weight:</b>	(Long) 2220 g / min. 2060 g, (78,31oz. / 72,66 oz.) (Reg.) 1960 g / 1810 g (69,14 oz. / 63,85 oz.) (Small) 1710 g / 1860 g (65,61 oz. / 60,32 oz.)
<b>Filling:</b>	DuPont® Termolite Quallo®, 150 g/m <sup>2</sup> x 2
<b>Outside m.:</b>	70D 210T Nylon Taffeta
<b>Inner m.:</b>	70D 210T Nylon Taffeta
<b>Cover:</b>	(Long) 46x27 cm, (18,11x10,63 in) (Reg.) 46x24 cm, (18,11x9,45 in) (Small) 43x20 cm, (16,93x7,87 in)
<b>Temps:</b>	EN13537 (comfort/limit/extreme) -2 °C / -8 °C / -27 °C



19004.1 (Long)  
19004.0 (Reg.)  
19004.2 (Small)

**Cyklotour** +4 °C / -2 °C / -18 °C

The most popular universal sleeping bag for all those who like to spend their spare time in nature.

<b>Size:</b>	(Long) 230x80x50 cm, (90,55x31,50x19,69 in) (Reg.) 205x80x50 cm, (80,71x31,50x19,69 in) (Small) 195x75x48 cm, (76,77x29,53x18,90)
<b>Weight:</b>	(Long) 1560 g / 1420 g, (55,03 oz. / 50,09 oz.) (Reg.) 1390 g / 1250 g, (49,03 oz. / 44,09 oz.) (Small) 1340 g / 1200 g, (47,27 oz. / 42,33 oz.)
<b>Filling:</b>	DuPont® Termolite Quallo, 200 g/m <sup>2</sup> x 1
<b>Outside m.:</b>	44D 260T Nylon Tactel Ripstop
<b>Inner m.:</b>	44D 237T Nylon Tactel Taffeta
<b>Cover:</b>	(Long) 43x20 cm, (16,93x7,87 in) (Reg.) 43x19 cm, (16,93x7,48 in) (Small) 41x18 cm, (16,14x7,09 in)
<b>Temps:</b>	EN13537 (comfort/limit/extreme) +4 °C / -2 °C / -18 °C





19007.1 (Long)  
19007.0 (Reg.)  
19007.4 (Small)

### Ontario +3 °C/ -2 °C / -19 °C

This is a popular sleeping bag for three-season use. Zipper cover trimming, warming collar. Ontario is available also in "Plus" type.

<b>Size:</b>	(Long) 230x80x50 cm, (90,55x31,50x19,69 in) (Reg.) 205x80x50 cm, (80,71x31,50x19,69 in) (Small) 195x75x48 cm, (76,77x29,53x18,90)
<b>Weight:</b>	(Long) max. 1710 g / min. 1570, (60,32 oz. / 55,38 oz.) (Reg.) 1580 g / 1450 g, (55,73 oz. / 51,15 oz.) (Small) 1550 g / 1420 g, (54,68 oz. / 50,09 oz.)
<b>Filling:</b>	Quatrotherm upper part 160 g/m <sup>2</sup> x 2, lower part 180 g/m <sup>2</sup> x 1
<b>Outside m.:</b>	70D 210T Nylon Taffeta
<b>Inner m.:</b>	70D 210T Nylon Taffeta
<b>Cover:</b>	(Long) 43x23 cm, (16,93x9,06 in) (Reg.) 43x20 cm, (16,93x7,87 in) (Small) 41x19 cm, (16,14x7,48 in)
<b>Temps:</b>	EN13537 (comfort/limit/extreme) +3 °C/ -2 °C / -19 °C



19010.1

### Bike +7 °C/ +2 °C / -13 °C

Ultralight sleeping bag, priceless anywhere, where the success of the event depends on the weight of your baggage. Thanks to the material used it is very easy to fold, which is appreciated mainly by the lovers of summer cycling tours. Ideal for summer camping.

<b>Size:</b>	220x80x50 cm (86,61x31,50x19,69 in)
<b>Weight:</b>	max. 1210 g / min. 1100 g, (42,68 oz. / 38,80 oz.)
<b>Filling:</b>	DuPont® Thermolite Quallo, 125 g/m <sup>2</sup> x 1
<b>Outside m.:</b>	40D 238T Nylon Ripstop
<b>Inner m.:</b>	40D 237T Nylon Tactel
<b>Cover:</b>	18x42 cm (7,09x16,54 in)
<b>Temps:</b>	EN13537 (comfort/limit/extreme) +7 °C/ +2 °C / -13 °C



18001

### Alaska

An ultra light tent suitable for biking and hiking. One apse to keep your backpacks safely inside.

<b>Outside tent:</b>	75D 185T Polyester Taffeta, Silicone, 4000 mm
<b>Inner tent:</b>	Nylon Ripstop
<b>Flooring:</b>	Nylon Oxford 100D 10000 mm
<b>Weight:</b>	2,4 kg (84,66 oz.) / 2,9 kg (102,29 oz.)
<b>Size:</b>	210 x 140 x 115 cm / 82,68 x 55,12 x 45,28 in.
<b>Cover:</b>	40 x 15 x 16 cm / 15,75 x 5,91 x 6,30 in.



inner tent



18002

### Alpine 2

A light tent for 2 or 3 persons designed for hiking and outdoor activities. Entrances located on both sides ensure comfortable entry.

<b>Outside tent:</b>	75D 185T Polyester Ripstop, Silicone, 4000 mm
<b>Inner tent:</b>	Nylon Ripstop
<b>Flooring:</b>	Nylon Oxford 100D 10000 mm
<b>Weight:</b>	3,4 kg (119,93 oz.) / 3,9 kg (137,57 oz.)
<b>Size:</b>	220 x 160 x 120 cm / 86,61 x 62,99 x 47,24 in.
<b>Cover:</b>	40 x 17,5 x 16 cm / 15,75 x 6,69 x 6,30 in.



inner tent

18003

### Alpine 3

Tent for 3 or 4 people. A bar in the upper part creates two spacious apses. It is suitable for all year round use in any climatic conditions.

<b>Outside tent:</b>	75D 185T Polyester Taffeta, Silicone, 4000 mm
<b>Inner tent:</b>	Nylon Ripstop
<b>Flooring:</b>	Nylon Oxford 100D 10000 mm
<b>Weight:</b>	3,9 kg (137,57 oz.) / 4,50 kg (158,73 oz.)
<b>Size:</b>	220 x 215 x 130 cm / 86,61 x 84,65 x 51,18 in.
<b>Cover:</b>	42 x 17,5 x 16 cm / 16,54 x 6,88 x 6,30 in.



inner tent





## INDUSTRIAL GEAR

Harnesses

READY TO CLIMB / Notebook 2008/9



550 001

### Skill Uni

Full body harness to absorb falls.

Weight: 1650 g/58 oz. (XS-M)

- 2 GEAR LOOPS
- GEAR LOOPS CAPACITY 60 KG
- 2 STEEL POSITIONING HOOKS
- WIDE RANGE OF ADJUSTING
- COMFORTABLE PADDING
- 3 TIE IN POINTS
- 8 QB BUCKLES

EN 361  
EN 358  
EN 813

CE 1019

Size	XS-M	L-XXL
A cm	68-100	80-130
B cm	50-70	56-75
A in	26-39	31-51
B in	20-27	22-30



FULL RANGE OF ROCK EMPIRE  
INDUSTRIAL GEAR CAN BE FOUND  
IN A SEPARATE WORKBOOK.



550 301

### Chest

Chest harness suitable to absorb falls. To be used only in combination with Skill Belt harness. The carabiner is not a part of the product and can be ordered separately.

Weight: 400 g/14,11 oz.  
(One size fits all)  
EN 361

- 4 QB BUCKLES
- FULLY ADJUSTABLE

550 101

### Skill Belt

Working harness suitable for work and positioning in a hanging position.

Weight: 990 g/35 oz. (XS-M)

- 2 GEAR LOOPS
- GEAR LOOPS CAPACITY 60 KG
- 2 STEEL POSITIONING HOOKS
- COMFORTABLE PADDING
- 4 QB BUCKLES

EN 358  
EN 813

CE 1019

Size	XS-M	L-XXL
A (cm)	68 - 100	80 - 130
A (in)	26 - 39	31 - 51
B (cm)	50 - 70	56 - 75
B (in)	20 - 27	22 - 30



550 201

### Skill lite

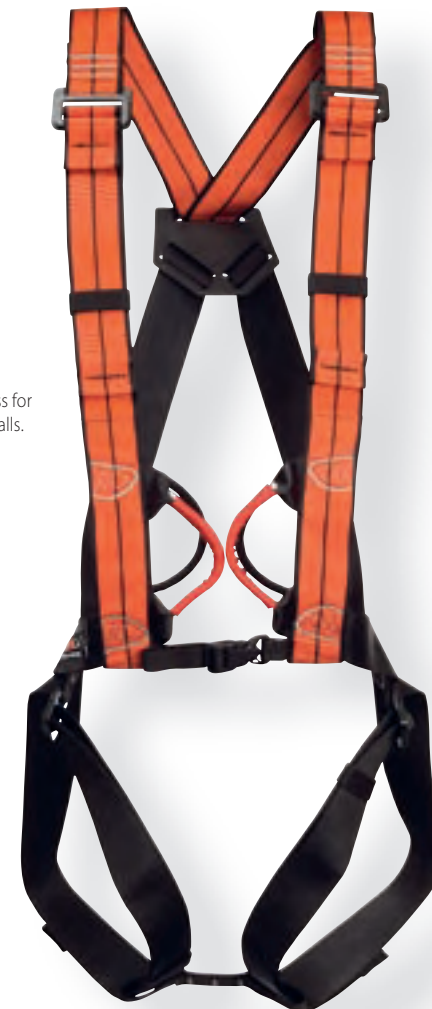
Light, full body harness for protection in case of falls. Fully adjustable.

Weight: 750 g/26,4 oz.

- 2 GEAR LOOPS
- 4 QB BUCKLES
- TIE-IN POINT ON THE BACK

EN 361

CE 1019



40  
41

READY TO CLIMB / www.rockempire.cz



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