

singing rock

climbing equipment 2011



Let's!
rock!

Singing Rock is climbing

Singing Rock is climbing – and we live up to this motto. Our company is located in Krkonoše (Giant Mountains), which is within Bohemian Paradise and the sand stone rock labyrinths in the Czech Republic (Ostaš, Teplické Rocks and Adršpach Rocks). Most of our staff are climbers, skialpinists or canyonists.

“Crazy cools” with ice axes, haul bags, skis and paddles. Most of them took their first steps within the sand stone labyrinths of Bohemian Paradise and hard granite of the Jizera Mountains.

Some of them later continued to the higher mountains. The Singing Rock team has climbed hundreds of kilometers, as well as fallen down hundreds of times.

So before you get the harness, rope or carabiner from us it has to go through hell and back...

Supported by a team of top climbers and mountaineers (Dušan Janák, M. ě. Š. Stráníci, Luboš Mázl, Jitka Mázlová, Petr Zuch, speleoexperts from KOTA 1000, Czech mountain guides and others). We are able to test and improve our products, developing functional as well as high quality climbing equipment.

Singing Rock is committed to bringing you high quality and highly-functional equipment.

The employee of SINGING ROCK

New and original solutions need to be protected by patents. Climbing and caving ropes utilizing Route44 technology or harness buckle system RockĚtLock, are two examples of innovative approach of Singing Rock's design team.

Our innovations can no way be labeled as just marketing gimmick. These are highly functional solutions that are making climbers happy. Sales presentation and technological ability are putting Singing Rock amongst market leaders.



LET'S!
ROCK!

News



Flake

Ultimate skitouring and mountaineering harness

- innovated 1 rock&lock smart buckle
- coloured belay loop, the strength 15 kN
- waist belt and leg loops are made from breathable fabric with high abrasion resistance and non absorbing property
- innovated construction of the leg loops
- permanent bridge between the leg loops
- reflective straps and spots
- weight only 240 g (size M/L)



Crux

High-performance sport climbing harness

- super light: 300g (size M)
- ergonomic design: innovated construction of the leg loops
- innovated Rock&Lock buckle
- reinforced tie-in points
- padded waist belt and leg loops: breathable PES fabric with high abrasion resistance + EVA foam perforated, holes 5 mm diameter + 3D fabric
- trimmed technical textile increasing the waist belt rigidity
- BMI system



Ozone

Ozone has been designed to be used with pulleys, ascenders and descenders. Its almost oval shape makes the carabiner easy to turn around in the slings or belay station.

Ideal for clipping to the rigging plates. Key lock. Low-volume nose fits in small diameters and holes.

Available with Screw, Twist and Triple lock.



Icon and Glory TEFLON®

- With our special Teflon® treatment ICON 9.3 and GLORY 9.8 are ideal for rock climbing, pumpy routes and extreme ascents in the mountains. We have used the latest technologies and knowledge of our Research & Development department.
- Extremely light and robust. They are ideal for hard routes onsite, flash or redpointing were every gram counts.
- The TEFLON® layer also effectively prevents the intrusion of dust particles into the rope structure and thus increases its lifespan.



Accessory cords

Suitable for a multitude of uses, SINGING ROCK accessory cords are strong and supple. We found out ideal ratio of braids for smooth handling and increased durability.

- easy handling
- strong
- multitude of uses

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Permanent innovation



Teflon®

permanent dry

Selected SINGING ROPES are produced with a DuPont™ Teflon® fabric protector license. Ropes protected by a TEFLON® layer have extraordinary water and abrasion resistance. The TEFLON® layer also effectively prevents the intrusion of dust particles into the rope structure and thus increases its lifespan.

Special Teflon®

The rope is protected with a very stable organic resin based on organic fluoridated polymers. The resulting protective film reduces the surface energy of the textile material so much that it not only repels water, but fatty substances as well. It also prevents the penetration of dust particles into the internal structure of the rope, protecting the inside of the rope from damage. The TEFLON® layer gives our ropes superior properties for use, especially in damp or abrasive environments where ordinary ropes are vulnerable to serious damage. So, dynamic ropes with TEFLON® finishing have higher safety and longer life than ever before.



Key-lock

for easy manipulation

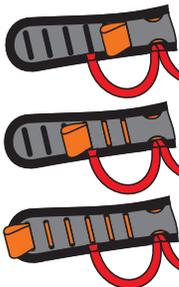
Key lock is an extremely simple and ingenious locking system that solves the problems associated with the traditional design of carabiners. It eliminates any risk of ropes or tapes becoming entangled in the lever or in the carabiner shell when it is being connected or released. Neither the lever, which is completely cylindrical, nor the shell has any sharp edges. Ropes and slings do not, therefore, come into contact with any cutting edges.



BMI

the adjusting system

Revolutionary size adjusting system by SINGING ROCK. You can easily adjust free end of your waistbelt padding and fix it in the right position and minimize so called "sticking out" of padding incl. the first gear loop in the line. Suitable for situation as losing or putting on your weight, putting more dresses or changing of your climbing seasons. The best position is when buckle lies on padding and BMI system doesn't allow gear loops to get out.



ROCK
LOCK

Rock&Lock

patented smart buckle system

Easy to lock and open: Only small effort of your fingers is needed to lock and open.

- Fast lace-through: Make the loop, put it through the buckle frame, hook the loop on cross bar and tighten. It is easy as that.
- Smart function: Rock&Lock allows you to put on your harness very quickly
- Double safety: Webbing cannot slip through Rock&Lock due to safety loop at the end. Spontaneous opening of Rock&Lock is virtually impossible.
- Lightweight and extra strong.
- Excellent function in all-season conditions: Function guaranteed even when webbing is wet or frozen.

Only small effort of your fingers is needed to lock and open.



1. Make the loop and put it through the buckle frame.



2. Hook the loop on cross bar.



3. Tighten.

It is easy as that.



Route 44

experience the touch of the future

Route 44 is unique technology invented and patented by Singing Rock. It opens new horizons for braiding of climbing and static ropes. Route 44 technology allows blending of properties that were considered impossible before. Rope braided by using Route 44 technology is more compact, softer and above all it is more durable than conventional rope. All that is achieved by making no compromises in using correct sheath thickness, which is round-braided by 44 carriers. These features combine to give you better rope.



Thermo-transfer

Thermotransfer end marking of Singing Rock ropes. Thermo-transfer etiquette is the special plastic etiquette applied to the rope sheath by the means of heat and pressure.

This marking is durable and does not create any broad forms on ends of ropes which can stack anywhere very easily e.g. pulling down rope from rappel station and so on.

Ultrasonic

an excellent way of rope ending

Our own special technology has been used for the ends of the rope.

All SINGING ROCK ropes are ended by a unique technology ULTRASONIC. It means that the load-bearing core and the protective sheath are joined into a compact unit in the last 15 mm of the rope.



Hot forging

The latest technology in manufacturing carabiners, where the aluminum alloy is heated to reach very plastic state when being forged, in other words when it takes the final shape. This allows the metal to be formed more easily and to be moved to the areas where it is needed and removed from the areas where it is not needed. In comparison with cold forged binners the hot forged binners are lighter, more resistant and trustily.



Middle marking

At half of the length, the rope is visibly marked by colour, which does not affect the core structure and its mechanical properties.



harnesses



new

Crux

C5040



High-performance sport climbing harness

- super light: 300g (size M)
- ergonomic design: innovated construction of the leg loops
- innovated Rock&Lock buckle
- reinforced tie-in points
- padded waist belt and leg loops: - breathable PES fabric with high abrasion resistance + EVA foam perforated, holes 5mm diameter + 3D fabric
- trimmed technical textile increasing the waist belt rigidity
- BMI system

Size: XS, S, M, L, XL

Weight: 300g (size M)

CE 1019 ■ EN 12277 ■



new

Midi

C5043



Multi-purpose fully adjustable sit harness

- ergonomic design: innovated construction of the leg loops
- innovated Rock&Lock buckles
- reinforced tie-in points
- padded waist belt and leg loops: - breathable PES fabric with high abrasion resistance + EVA foam perforated, holes 5mm diameter + 3D fabric
- slot for additional carabiner PORTER
- trimmed technical textile increasing the waist belt rigidity
- BMI system

Size: S, M/L, XL

Weight: 440g (size M)

CE 1019 ■ EN 12277 ■



new

Nara



C5042



Woman's climbing and mountaineering sit harness

- ergonomic design: innovated construction of the leg loops
- bullhorn waist belt
- longer belay loop
- reinforced tie-in points
- innovated Rock&Lock buckles
- padded waist belt and leg loops: - breathable PES fabric with high abrasion resistance + EVA foam perforated, holes 5mm diameter + 3D fabric

- slot for additional carabiner PORTER

■ trimmed technical textile increasing the waist belt rigidity

■ BMI system

Size: XS, S, M, L

Weight: 380g (size M)

CE 1019 ■ EN 12277 ■



SUPER- ERECT- ISSIMA

In the summer 2009 Dušan „Stoupa“ Janák, Vašek Šatava, Ricardo Jurečka and Pavel Jonák climbed steep part of the north face of Cima Grande between Spanish route and Phantom der Zinne. They finished the route in a chimney of Diretissima Hasse-Brandler after the most overhanging parts of the wall. They came back this year in July. Ricardo and Stoupa extended an independent line to the top in upper part of the wall using portaledge for bivouac. Pavel Jonák and Vašek Šatava concentrated on free climbing the pitches which were last year climbed using an aid. A route Super-Erectissima is a result of their efforts. All pitches were graded 8 and harder ones were climbed RP or PP. Although bolts were placed in the wall it is still necessary to protect it with the nuts and friends. length: 560 m, 17 pitches difficulty of single pitches: 8-, 10-, 9-, 9-, 9, 7+/8-, 7+, 7, 9, 9-, 8/8+, 7+/8-, 7,7-, 7, 8-, 5+.

LET'S!
ROCK!

harnesses



Guru packet

M0012XX



Guru
(only S, M, L, XL)



Hypnos
K0007EE



Buddy



Chalk bag
Large
C0002BBX4



Chalk bag strap
C309



Magnum
cube



new

Guru

C5041



All-around sit harness

- ergonomic design: innovated construction of the leg loops
 - innovated Rock&Lock buckles
 - reinforced tie-in points
 - padded waist belt and leg loops: breathable PES fabric with high abrasion resistance + EVA foam perforated, holes 5mm diameter + 3D fabric
 - slot for additional carabiner PORTER
 - trimmed technical textile increasing the waist belt rigidity
 - BMI system
- Size: XS, S, M, L, XL, XXL
Weight: 395g (size M)

CE 1019 ■ EN 12277 ■



new

Nemo

C5044



Sit harness for your small rock stars

- ergonomic design: innovated construction of the leg loops
 - innovated Rock&Lock buckles
 - reinforced tie-in points
 - padded waist belt and leg loops: breathable PES fabric with high abrasion resistance + EVA foam perforated, holes 5mm diameter + 3D fabric
 - trimmed technical textile increasing the waist belt rigidity
 - BMI system
- Size: K1, K2
Weight: 330g (size K2)

CE 1019 ■ EN 12277 ■



new

Attack

C5020



All-around sit harness

- comfortable, durable and affordable
- reinforced tie-in points
- belay loop - colored red - reduces the risk of wrong tie-in's
- 3 rock&lock smart buckles
- removable rear stretch straps
- slots for attaching additional gear holders
- BMI adjustment system
- gear loops: 4

Size: XS, S, M, L, XL, XXL
Weight - M size: 460 g (± 15 g) ■ 16.2 oz (± 0.5oz)

CE 1019 ■ EN 12277 ■



This harness received the AlpinTipp award in an independent test in the German mountain magazine Alpin 4/2009.



harnesses



new

Flake

C50455



Ultimate skitouring and mountaineering harness

- innovated Rock&Lock buckle
- coloured belay loop, the strength 15 kN
- waist belt and leg loops panels are made of breathable PES fabric with high abrasion resistance and non absorbing property
- innovated construction of the leg loops
- methodical and identification label
- braided gear loops with a load capacity 5 kg
- fixed bridge
- reflective straps and spots
- gear loops: 2

Size: XS/S, M/L, XL/XXL
Weight: 240 g (size M/L) (± 15 g)

CE 1019 ■ EN 12277 ■



Top

C5031



harness for via ferratas, mountains and glacier walking

- lightweight harness
- 3 rock&lock smart buckles
- reinforced tie-in point
- belay loop - colored red - reduces the risk of wrong tie-in's
- gear loops: 1

Size: UNI
Weight: UNI size: 370 g (± 15 g) ■ 13.05 oz (± 0.5 oz)

CE 1019 ■ EN 12277 ■



Top padded

C5032



Harness for via ferratas, mountaineering and glacier walking

- lightweight harness with padded leg loops for comfort
- 3 rock&lock smart buckles
- reinforced tie-in point
- belay loop - colored red - reduces the risk of wrong tie-in's
- safety (bomb-proof) gear loop

Size: UNI
Weight: UNI size: 380 g (± 15 g) ■ 13.4 oz (± 0.5 oz)

CE 1019 ■ EN 12277 ■

Ferrata packet

M0008



Top C5031



Easy Go lock



Terra Green

LET'S!
ROCK!

CARLOS LOGRONO - ALGARVE, PORTUGAL

PLACE WHERE COLUMBUS STARTED TO SAIL TO SEARCH A "NEW WORLD".

This photo is from a trip to the coast of Portugal – Algarve. At this area Columbus started to sail to search a "new world", i.e. America. The cliffs with their heights more than 100 meters are heavenly placed above the sea. For us it was a new experience as we had never climbed in a place like this. We have found climbing on the cliffs similar to a high mountain routes. The moisture from the sea and a strong wind forced us to climb in the clothes like in the mountains.

The movements that we had to do were like at a big wall but with the lure of ocean under our feet and the noise of the sea. We had to be very careful during a climbing because if you drop a piece of gear it's lost in the ocean. The routes are not so difficult; we have climbed up to 7c. There is one project 8c which we have tried.



Great message from our ambassador! Nina (SINGING ROCK Ambassador, 9-year-old) has climbed the route Teória poľa 9- UIAA (7b+ Fr.), Kamenná Vrata, Slovakia. The amazing end of her climbing season.

Congratulations and we look forward to her next achievements.

Kamenné vráta

The area is situated in the Southeastern part of Strážovské vrchy near the spa town Trenčianske Teplice. There are two limestone rocks, about half kilometre far away from each other, which makes the closure of the "Kamenica" valley – the name Vráta (door) is derived from this quality. The southern rock (on the right hand side if you have the valley behind your back) is up to 35 meters high and nowadays you can find there about 60 routes whose length ranges from 6 to 30 meters. The routes are mostly very well protected in extraordinarily solid limestone and there are many beautiful lines. You can climb the rock whole year and there is a super bivouac nearby. The access to the rock is from Trenčianské Teplice or from Omšenie. At the end of Teplice near Baračka don't follow the red hiking trail but continue on the path towards Omšenie.

At the first turning go left to the monument of the American pilots. After about 30 minutes of the walk along the cabins there is a monument and 50 meters further, near a spring there is a narrow path. The rocks are situated in the wood and you get there after about 15 minutes of walking up a steep slope.

**Nina KOVAŘIKOVÁ --
SLOVAKIA,
TEORIA POĽA 7B+**

**LET'S
ROCK!**

canyoning harnesses



Canyon XP C5030



new canyoning harness

- ergonomic design and padded waist belt
 - reinforced tie-in point
 - belay loop - red color - reduced risk of wrong tying-in
 - 3 Rock&Lock smart buckles
 - removable sit protector
 - gear loops: 2
- Size: S, M/L, XL
Weight: 575 g (± 15 g) ■
20,3 oz (± 0,5 oz)

€ 1019 ■ EN 12277 ■

Top canyon C5029



new canyoning harness

- lightweight
 - no padding
 - smart buckles Rock&Lock
 - reinforced tie-in point
 - belay loop - red color - reduced risk of wrong tying-in
 - removable sit protector
 - gear loops: 1
- Size: UNI
Weight: size UNI: 380 g (± 15 g)
■ 13,4 oz (± 0,5 oz) + SIT PROTECTOR

€ 1019 ■ EN 12277 ■



speleo harness



Digger

S010

speleo harness

- ergonomic design
 - fully adjustable waistbelt and leg loops
 - abrasion resistant cover on exposed parts
 - two special textile loops for light battery placing
 - attachment point for jumar tightening strap
 - specially designed metal triangles for maillon placing
- Size: UNI
Weight: size UNI: 645 g (± 15 g) ■
22,3 oz (± 0,5 oz)
Maillon rapid is not included.

€ 1019 ■ EN 12277 ■

chest harness



Bobingo

C101

chest harness

- Bobingo is designed to be used together with a sit harness, optimising body position while hanging or falling. Do not use chest harness alone!
- Size: UNI
Weight: size UNI: 240 g (± 15 g) ■
8,5 oz (± 0,5 oz)
CE 0123 ■ EN 12277 ■ UIAA

€ 1019 ■ EN 12277 ■



fullbody harnesses



Complete C071

Full body harness suitable for via ferrata climbing, and for climbing beginners. It stabilizes the body in an upright position, preventing the climber from flipping upside down. Smart Rock&Lock buckles improve the leg loops adjusting performance.

Size: UNI

Weight: size UNI: 505 g (± 15 g) ■
17,8 oz (± 0,5 oz)

CE 1019 ■ EN 12277 ■ 



Kid C5014

Kid full body harness is designed specially for children. It stabilizes the child's body in an upright position, preventing the child from flipping upside down.

Designed for children up to 40 kg.

Size: UNI

Weight: size UNI: 260 g (± 15 g) ■
9,17 oz (± 0,5 oz)

CE 1019 ■ EN 12277 ■ 



Tarzan W0050BR

full adjustable full body harness intended for rope courses and adventure parks

- easy put on
- removable shoulder straps with SPEED buckle
- anatomic waist belt and leg padding perfectly fits man anatomy
- buckle with a captive bar matches strict American standards (ANSI, CSA). No webbingslippage in a buckle. Its construction ensures longtime operation and efficiency (easy releasing and fastening even when dirty and toughwebbing). Corrosion resistance is tested by salt spray test 48 hours

Size:

W0050BR01 – XS-S

W0050BR05 – M-XL

Weight: 1530 g (M - XL) ± 15 g

CE 1019 ■ EN 813 ■ EN 361

Tarzan light

C5036BR00

full adjustable full body harness intended for rope courses and adventure parks

- front attachment point for belaying and rappelling according to EN 12277 type C
- easy to put on
- removable shoulder straps with SPEED buckle
- anatomic waist belt and leg loops
- buckle with a captive bar matches strict American standards (ANSI, CSA). No webbingslippage in a buckle. Its construction ensures longtime operation and efficiency (easy releasing and fastening even when dirty and toughwebbing).

Size: UNI

Weight: 990 g (UNI) ± 15 g

CE 1019 ■ EN 12277 ■ 



MOUNTAIN GUIDE TESTED

SINGING ROCK has been supported Czech mountain guides since 2003. Some of them have been using, testing and wearing out our company products most intensively and in the most challenging conditions.

Thanks to their experience, adventures and suggestions our company is able to work on the reliable and safe harnesses, carabiners and other hardware. Since the foundation of ČAHV (Czech mountain guides association) some of the members have risen to become specialists in rock climbing, ice climbing and mix climbing, the others specialize in ski-touring, avalanches or free ride and a few of them have been trying to climb the 8000 m peaks.

They and their clients help us to improve current products and produce new ones.

Let's!
ROCK!

Let's!
ROCK!

The 1100 meters of the east face of the central Tower of Paine has become my dream since the first time I visited Patagonia in 2007. To see all of those rock big walls is for sure intimidating and has pushed me somehow to be on the way of adventure and never ending learning. I have learnt a lot about strategy, weather patterns and climbing rules in this super nice but very dangerous environment and after completing my last and intense adventure on the 850 meters of the Kearney-Night on the South face of the central tower, together with my friends Walker, Nico and Antonio, I promised to myself that the next step would be to try this amazing 1100 meters well looking wall in Alpine Style, with just small amount of gear and food for over 25 hours of surviving on the wall. I pretty much believe that leaving a piece to the unknown destiny in such way of climbing is one step forward on the way of learning which never ends.

For attempting such a wall you have to be committed, train a lot, eat a lot and prepare your mind. I have been training almost full time since the last 8 months visiting places like el Peñol and Suesca in Colombia and also climbing at the local spots, Kozelka and Roviste here in the Czech Republic and Frankenjura and Kaitersberg in Germany, all of this together with hours of indoor climbing, running, biking and some specific fitness exercises at the gym, developing the body and mental endurance required for a big push in an alpine environment.

I am very excited to visit Torres del Paine-Chile in January, February and March 2011, always happy to be back to that place which I love so much, waiting for the chance to make an attempt and see this dream become a truth.

PATAGONIA.
TORRES DEL PAINE 2011
BY SEBASTIAN MUÑOZ

dynamic ropes



new



1

Icon 9.3 Dry L0384

- Extremely light and robust; it is ideal for hard routes onsite, flash or red-pointing were every gram counts.
- With our special Teflon® treatment Icon 9.3 is ideal for rock climbing, pumpy routes and extreme ascents in the mountains. We have used the latest technologies and knowledge of our Research & Development department.
- TEFLON® is applied on the ropes by revolutionary nanotechnology. SBS gives the rope better properties. Every streak of the sheath is guided individually, not in a pair as usual. The sheath is more resistant against breakage, but on the other hand it is smoother.

- Treatment Teflon®
- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 0408 ■ EN 892 ■

Icon 9.3 L038

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 0408 ■ EN 892 ■



new



1

Glory 9.8 Dry L0324BY

- Single mountaineering rope produced on 44-carrier machine (Singing Rock's patented technology). This unique technology gives to the rope great handling, rope is compact, low-weight and durability. Rope is easy to knot and unknot as well.
- All technical parameters are in tune with each other, giving Glory 9.8 mm great handling.
- The rope is compact. Allowing minimal inter-fiber friction and resulting in the round crosssection.
- Rope is durable and pleasant to use.

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 ■ EN 892 ■

Glory 9.8 L032

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 ■ EN 892 ■



1

Score 10.1 L036

- Single mountaineering rope produced on 44-carrier machine (Singing Rock's patented technology). High top product with balanced parameters.
- Rope is durable and pleasant to use.

- Thermotransfer end marking
- Middle marking
- Ultrasonic ending

CE 1019 ■ EN 892 ■

dynamic ropes



1

Rave 10.3

L033

- The rope is made by Singing Rock patented technology R44, which gives to the rope well - balanced rate of weight and diameter.
 - All parameters are very much in tune with each other. Rope is therefore very compact. Rope is durable, pleasant to use. Impact force and number of falls are standard.
 - The main feature of this rope is thicker sheath with perfect abrasion resistance. The rope is keeping good handling. The most types of belay devices are suitable for belaying.
 - Ideal for sport climbing, rocks and gyms.
 - Thermotransfer end marking
 - Ultrasonic ending
- CE 1019 ■ EN 892 ■



1

Duran 10.4

L034

- The rope is made by Singing Rock patented technology R44, which gives to the rope well - balanced rate of weight and diameter.
 - All parameters are very much in tune with each other. Rope is therefore very compact. Rope is durable, pleasant to use. Impact force and number of falls are standard.
 - The main feature of this rope is thicker sheath with perfect abrasion resistance. The rope is keeping good handling. The most types of belay devices are suitable for belaying.
 - Ideal for areas with rough rocks and indoor climbing
 - Thermotransfer end marking
 - Middle marking
 - Ultrasonic ending
- CE 1019 ■ EN 892 ■



1

Gemini 7.9

L302

- Tested and certified according to EN 892 standard requirements as half rope and twin rope.
 - Lightweight and top parameters allow wide using: Ice climbing and mix routes, glacier and mountains. Quality without compromise.
 - TEFLON[®] is applied on ropes by revolutionary nanotechnology.
 - Teflon[®] Treatment
 - Thermotransfer end marking
 - Ultrasonic ending
- CE 0408 ■ EN 892 ■



1/2



Accord 8.2 L051

- Compact rope which has minimal interfiber friction, thereby increasing durability.
- Tested and certified according to the EN 892 standard requirements for half ropes and twin ropes.
- Weight, diameter and number of falls are balanced in such a way that Accord 8.2 can be used as both a half and twin rope.
- Used in pairs, the climber can choose between the twin rope technique or half rope technique. Whatever technique is required at the time.

- Thermotransfer end marking
- Ultrasonic ending

CE 1019 ■ EN 892 ■ 



Rope bag C0001BBXX

- With removable sheet.
- Dimension of sheet is 137 x 137cm.
- Hidden pocket for keys and money.
- Shoulder straps are well padded.
- Abrasion resistant material.
- Keeps your rope and gear clean.
- Extends a lifetime of your rack and rope.
- Brightly colored loops to keep your rope untangled.

Weight: 620g (±15 g)

Color: black

static ropes

Excellent static ropes of different diameters are intended for rescuing the injured, manipulation with objects and rope access methods for work at a height.

They meet the most exacting requirements, especially the best quality, that the rescuers, firemen, specialists in working at a height and other professionals require when working every day.

CE 1019 ■ EN 1891 ■ 



Static R44 10,5

L0430WR white
L0430RR red
L0430BB black
L0430KK khaki



Static R44 11

L0450WG white
L0450RR red
L0450BB black
L0450OO orange



Static 11

L0250WR white
L0250RR red
L0250BB black



Static 10,5

L0230WR white
L0230RR red
L0230BB black
L0230KK khaki



Static 9

L0220WR white
L0220BB black

● table of parameters on page 50

speleo ropes



L0440WR Speleo R44 10,5

The cave explorers lay stress on the maximum abrasion resistance and on the high rope lifetime. The speleo ropes SINGING ROCK keep their great qualities even after the usage in the extreme condition.

The working and speleo ropes meet the ČSN EN 1891 regulations - Semi static ropes with core sheathing.

CE 1019 ■ EN 1891 ■

L0240WR Speleo 10,5

CE 0123 ■ EN 1891 ■

► *table of parameters on page 50*

special ropes

W2500**** Stitched eye

strength	30 kN
knot breaking force	18 kN
strength with the knots	15 kN/3 min.
elongation	3,2 %
max. impact force	6 kN
weight	79 g/m
sheath slippage	0 mm
shrinkage	3 %
diameter	11 mm
material	PA
number of falls	50

lengths on customer's request
colors: black, white

CE 1019, EN 1891

accessory cords

Suitable for a multitude of uses, SINGING ROCK accessory cords are strong and supple.

- easy handling
- strong
- multitude of uses

Material: Polyamide

CE 1019 ■ EN 564 ■



► *table of parameters on page 50*

helmet



C0049SW00
Terra II grey



C0049OW00
Terra II orange



C0049GW00
Terra II green

Terra II

Climbing and mountaineering helmet

Weight: 270 g ■ 9,524 oz

Size: 51- 60 cm

Material:

Shell: polycarbonate

Foam: polystyrene

Industrial: No

Mountaineering: Yes

Rock climbing: Yes

Speleology: No

Light helmet for all climbing activities.

- universal size
- fully adjustable
- lightweight
- well ventilated
- four head lamp holders compatible with any headlamp on the market
- five color options

Terra incognita is the Latin term for "unknown land", used in cartography for regions that have not been mapped or documented. An urban legend claims that cartographers labeled such regions with "Here be dragons".

CE ■ EN 12492



C0049BB00
Terra II black

PAVEL VRTIK -- MIX CLIMB

Eastern Austria,
the village of Schram-
bach, the Am Himmel
sector, Route: 7ter
Himmel, grade M7

High Tatras

Thirty-seven years ago, in 1973, when four climbers from Ostrava (Hovorka, Kadlčík, Motýčka, Romanovský) climbed through a ceiling of a giant cave in the western face of Pyšný štít, they regarded it as a training for climbing the North Face of Eiger via Japan direttissime (which they did, in 1976). They ascribed the grade 5+/A4e to the route.

It was interesting to find out whether today, almost forty years later, when climbing has undergone huge development concerning the new materials and technologies, it is possible to climb this route free, in winter, using ice axes and whether we can prepare to the free climbs of difficult routes in the Alps this way, like they did at that times.

Today the route provides the climbers with psychologically demanding mixed climbs, climbing in a cracked rock with minimum belay, in frozen overhanging cracks where the friends are replaced by hexes and apart from few meters in a compact overhanging slab (graded A4e by the first ascenders) it can be climbed free, the grade being more than M8 (the majority of the pitches was graded A3 by the first ascenders).

High Tatras, Malá studená dolina, Pyšný štít (2621m), the original Ostravská cesta route (Hovorka, Kadlčík, Motýčka, Romanovský) from 1973, V+, A4e, going through the ceiling of a giant cave, the attempt for a winter free climb M8/A1. the first pitch, M7, February, 2010.

Let's!
ROCK!

Let's!
ROCK!

MILOŠ NĚMÝ — MEMBER OF SIGR CLIMBING TEAM since 2010

Miloš Němý

Nick name: Milo, Yoghurt

Job: student

Year of birth: 1987

Climbing since: first attempt when I was baby climbing from the bed, first rock climbing when I was 12 with my dad who told me that it was first and last time climbing for me (I was scared...) and then I restarted in 2005

What do you like at climbing? Nature, friends, training, movementes... all together, also belaying...

Why do you compete? to realize that I'm weak and to train more...

Other hobbies: skiing, MTB, volleyball, music, movies, friends...

The most favorite crag: Beckov (my home area), Súľov, Buoux... The best

My achievements: 2010: Nový zákon 10 PP (8A+) Súľovské návraty 10-/10 PP (8A+)

(8A+) Spása i prokletí 10- PP (8A+) (first repetition after 17 years)

2009: Rukama to není 9/9+ flash (7c), Epita 9 QS (7b+)

My harness: Crux

My rope: Glory

Future: to climb as much as possible, without any injury, to push myself to the maximum, to compete

Climbing by 100 year? Your idea?: hmm, I'm not typical indoor climber but I think that the future is at indoor climbing... Or maybe only virtual climbing on PC? Rather not...

Your the most impressive climbing experience?

Big fall in High Tatras (Slovakia).

And every movement when I push myself further...

quickdraws

K6601E011

Extasy

Quickdraw with a straight key lock gate and bent gate carabiners.

Quickdraw for rock experts.

22 kN

Dyneema webbing 11 mm

Weight: 108 g / 3,81 oz

K6602E011

Extasy mix

Quickdraw with a straight key lock gate and bent gate carabiners.

Ideal partner for allround climbing

22 kN

Dyneema webbing 11 mm

Weight: 101 g / 3,85 oz

K6603E011

Extasy wire

Light set with a straight and bent wire gate carabiners.

Quickdraw for your quick alpine style.

22 kN

Dyneema webbing 11 mm

Weight: 95 g / 3,35 oz

K6604E011

Vision

Ultra light set with a straight and bent wire gate carabiners.

Ideal partner for lightweight style.

22 kN

Dyneema webbing 11 mm

Weight: only 75 g / 2,64 oz

K6950**

Artwall set

13, 16, 20, 30 and 60 cm /
4, 6, 8, 12 and 24 in ■ steel

Reflecting the experience of many climbers on artificial walls, the Artwall set brings the new evolution of climbing in the Gym.

The body of carabiner is made of steel and gate is wire.

Captive bar minimizes flipping over the carabiner. Both connectors eliminate a theft.

Strength / Closed gate: 25 kN

Polyamide webbing 20 mm.



K6608E011

Extasy quickdraw set 5+1

SINGING ROCK Extasy quickdraw set gives you six of our Extasy quickdraws that combine the smooth clipping and cleaning of the Extasy carabiner with the straight and bent gate.

CE 1019 ■ EN 566 ■ EN 12275

carabiners



K0011EE00
K0011BB00 black matt
Extasy straight

Robust, universal carabiner with key lock for easy clipping on gear loops and effortless handling.

key lock, anodized
◀ 25 kN ▶ 8 kN ◯ 10 kN
gate opening (d) 20 mm
47 g (1,65 oz.)
CE 1019 ■ EN 12275 ■



K0010EE00
K0010BB00 black matt
Extasy bent

Robust, universal carabiner with bent gate for easy rope clipping.

key lock, anodized
◀ 25 kN ▶ 8 kN ◯ 10 kN
gate opening (d) 20 mm
47 g (1,65 oz.)
CE 1019 ■ EN 12275 ■



K0013EE00
Extasy wire straight

Lighter version of EXTASY carabiner with wire gate.

with wire gate, anodized
◀ 25 kN ▶ 8 kN ◯ 10 kN
gate opening (d) 22 mm
43 g (1,51 oz.)
CE 1019 ■ EN 12275 ■



K0020EE00
Extasy wire bent

Lighter version of EXTASY carabiner with wire bent gate.

with wire gate, anodized
◀ 25 kN ▶ 8 kN ◯ 10 kN
gate opening (d) 22 mm
43 g (1,51 oz.)
CE 1019 ■ EN 12275 ■



K0009EE00
Vision straight

Our lightest carabiner for your most difficulty ascents.

with wire gate, anodized
◀ 25 kN ▶ 7 kN ◯ 8 kN
gate opening (d) 19 mm
33 g (1,16 oz.)
CE 1019 ■ EN 12275 ■



K0025EE00
Vision bent

Our lightest carabiner with bent gate for easy rope clipping.

with wire gate, anodized
◀ 25 kN ▶ 7 kN ◯ 8 kN
gate opening (d) 19 mm
33 g (1,16 oz.)
CE 1019 ■ EN 12275 ■



K0016AA00
K0016BB00 - black matt
Ozone screw

Oval carabiner, key lock, screw gate

◀ 26 kN ▶ 10 kN ◯ 7 kN
gate opening (d): 21 mm
80 g (2,82 oz.)
CE 1019 ■ EN 362 ■ EN 12275 ■

new



K0017AA00
K0017BB00 - black matt
Ozone TWL

Oval carabiner, key lock, twist lock

◀ 26 kN ▶ 9 kN ◯ 7 kN
gate opening (d): 21 mm
85 g (3 oz.)
CE 1019 ■ EN 362 ■ EN 12275 ■

new



K0018AA00
K0018BB00 - black matt
Ozone Triple Lock

Oval carabiner, key lock, triple lock

◀ 26 kN ▶ 9 kN ◯ 7 kN
gate opening (d): 21 mm
85 g (3 oz.)
CE 1019 ■ EN 362 ■ EN 12275 ■

new

Ozone carabiners

Ozone has been designed to be used with pulleys, ascenders and descenders: its almost oval shape makes the carabiner easy to turn around in slings or belay station as well.

Hot forging

The latest technology in manufacturing carabiners when the aluminum alloy is heated to reach a plasticized state when forging the final shape. This allows the metal to be formed more easily and to be moved to the areas where it is needed and removed from the areas where it is not needed. In comparison with cold forged binners the hot forged binners are lighter, more durable and dependable.

Key-lock

The "nose" of the carabiners is ergonomically designed to prevent gear from getting hung up on it.

Features:

- key locks
- ergonomic design
- hot forged
- raised marking
- smooth motion of gates



K4280PP D bar carabiner screw gate

with screw gate
and captive bar, polished
◆ 30 kN ◆ 9 kN ◯ 11 kN
gate opening (d) 19 mm ■ 76 g
CE 0639 ■ EN 362 ■ EN 12275 ■ 



K5070PP D big connector screw gate

polished
◆ 30 kN ◆ 8 kN ◯ 9 kN
gate opening (d) 26 mm ■ 88 g
CE 0639 ■ EN 362 ■ EN 12275 ■ 

◉ table of parameters on page 51

K0012EE00 K0012BB00 black matt Extasy screw

Our smallest screw carabiner for all vertical activities. For better gear management the gates are in different colors.

with screw gate, key lock, anodized
◆ 25 kN ◆ 8 kN ◯ 10 kN
gate opening (d) 17 mm
52 g (1,82 oz.)
CE 1019 ■ EN 12275 ■ EN 362 ■ 

K0007EE00 K0007BB00 black matt Hypnos screw

Light and compact HMS carabiner for belaying münter hitch or with tube. For better gear management the gates are in different colors.

with screw gate, key lock, anodized
◆ 22 kN ◆ 7 kN ◯ 7 kN
gate opening (d) 21,5 mm
71 g (2,49 oz.)
CE 1019 ■ EN 12275 ■ EN 362 ■ 

K0008EE00 K0008BB00 black matt Hypnos / TWL

Light and compact HMS carabiner for belaying münter hitch or with tube. For better gear management are gates in different colors.

with twist lock, key lock, anodized
◆ 22 kN ◆ 7 kN ◯ 7 kN
gate opening (d) 21,5 mm
75 g (2,63 oz.)
CE 1019 ■ EN 12275 ■ EN 362 ■ 

steel connectors



K4080Z0 D steel connector screw

with screw gate, key lock, zinc plated
◆ 50 kN ◆ 13 kN ◓ 20 kN
gate opening (d) 25 mm ■ 255 g (9 oz.)
unique production number
CE 1019 ■ EN 362



K4081Z0 D steel connector triplelock

with triple lock gate, key lock, zinc plated
◆ 50 kN ◆ 13 kN ◓ 20 kN
gate opening (d) 25 mm ■ 267 g (9,42 oz.)
unique production number
CE 1019 ■ EN 362



K4241Z005 Oval steel connector screw

with screw gate, key lock
◆ 30 kN ◆ 9 kN ◓ 8 kN
gate opening (d) 17 mm
zinc-plated ■ 176 g (6,21 oz.)
unique production number
CE 1019 ■ EN 362



K4241Z007 Oval steel connector triplelock

Triple lock gate, key lock, zinc plated
gate opening (d) 17,5 mm
195 g (6,88 oz.)
◆ 30 kN ◆ 9 kN ◓ 8 kN
unique production number
CE 1019 ■ EN 362

🕒 *table of parameters on page 51*

CZECH AND SLOVAKIA GREAT DOUBLE THREE DAYS OF CLIMBING, TESTING AND FUN.

Broken nails. Skinned joints biting in the shower. When I clench my hand, I really feel having it. A good feeling, I like it. Torture in the crack. During the friction climbing my calves are awfully tense. Raising leg somewhere really high. Several careful moves. The top. Lowering. Picture. It was a good weekend, I really enjoyed it.

On Friday it got sunny, in the teeth of all the pessimists. We made a SPEED LAJNA line, hung the ropes for the competition in climbing on rope without using legs, so-called „SILAK JOHN“. And also a CRACK... A strange operation, engineering brain teaser, closing the Gothic arch, the last touch on the ceiling of the Sistine chapel. Ropes, winch, pulleys, Prusik. The peak of human genius. Smelting house from Middle Ages.

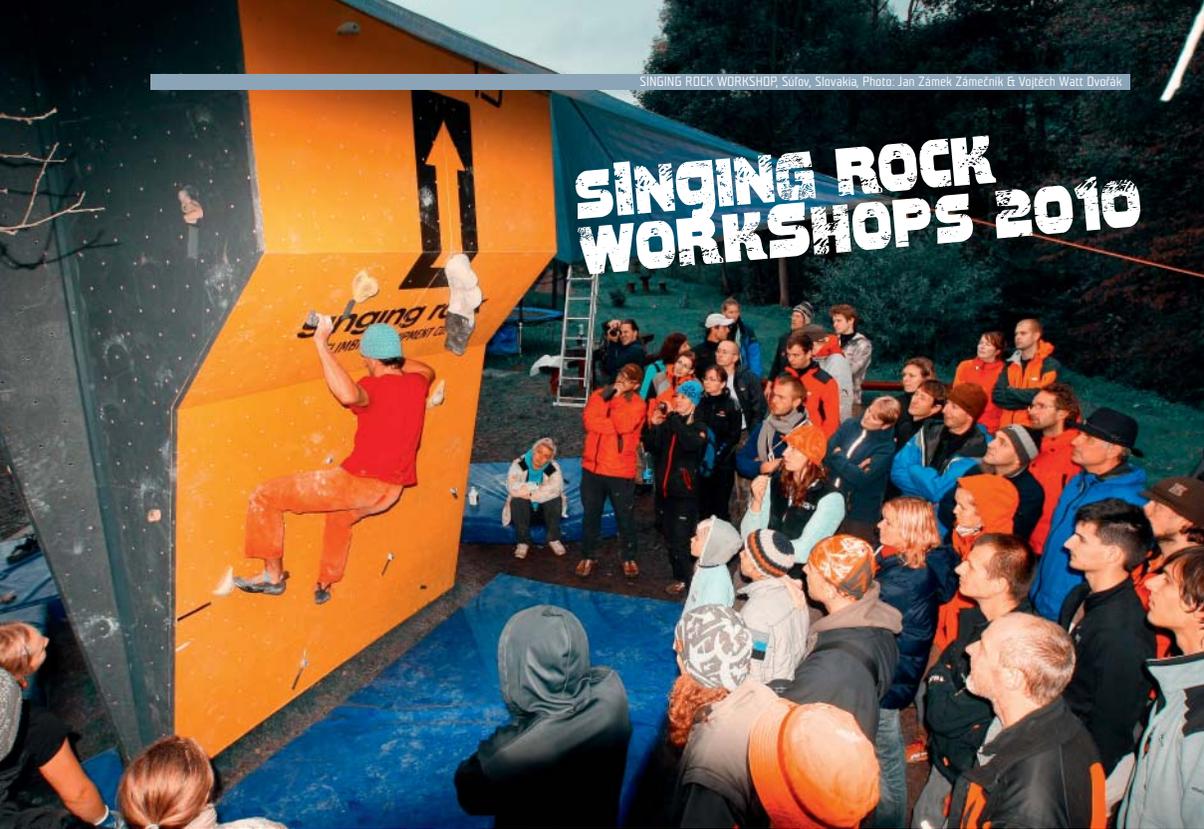
The crack is at its place, tightly fastened. The first people come. They try the width. They try to pull themselves up, lift themselves, place handjams. It will be tight, Mrs. Crack is smooth. But the competition will take place on Saturday. In the very evening we met in a pub by a fireplace. We greeted each other, introduced ourselves and got known with the schedule for Saturday and Sunday. The smell of snags rised up to the beams and up to the attic. Beer was being draught. Hands were waving over the mugs, legs were darting in the air. We were simply „climbing“. Exaggerating little bit, perhaps. The stories lived their own life again...

On Saturday it began at 9 a.m. The first part of the workshop was about „Safe Climbing“: Partner Check and tie-in to the harnesses, combined harnesses, full-body harnesses and movement on the glacier. The mountain guides showed the audience how to tie-in in a practice, warned them about certain mistakes and in the end they demonstrated tying-in on the glacier.

Belaying with SHUTTLE tube for the leader and second climbers. Are the old Via Ferratas sets (tabular ones) dangerous? Zdenka Zoldos (SINGING ROCK's developer) explained the construction of tearing fall absorbers and showed their advantages. We measured the tension of the anchors by stretching SLACKLINE (30 and 50 m). At the end we were catching

LET'S
ROCK!

SINGING ROCK WORKSHOPS 2010



the falls. The participants had an unique chance to catch a 50 kg bag full of sand using many belay devices, including belaying over the shoulder.

On Sunday the weather was perfect. In the morning we let the rocks dry up and we competed on the slack lines and in the climbing on the FAST Rope - „SILAK JOHN“ Real masters came for the climbing on the rope and they helped us to make the rules clear.

In the afternoon we went to the rocks. Tonda Volk was in charge of the easier routes at the castle and Pepek Milfajt dealt with climbing in cracks. Others were bouldering or balancing on the lines. Slowly, the sunset came. Everyone left. I was sitting on the grass together with Tonda, Pepek, Pavel and Honza. The last beer. **“Everyone exhausted, but after a weekend in the rocks it is quite usual, isn't it?”**



*Vojtěch Watt Dvořák
(Singing Rock Staff)*

pulleys

Pulleys of various construction for rescue activities or heavy weights lifting.



K7300EE
Pulley small roll

22 kN
max. Ø rope 13 mm
usage: textile rope
sheave: light-alloy
■ friction bearing
■ weight: 94 g
CE 0639 ■ EN 12278



K6240BB
Pulley extra roll

32 kN
max. Ø rope 13 mm
usage: textile rope
sheave: light-alloy
■ roll bearing
■ weight: 204 g
CE 0639 ■ EN 12278



K6260BB
Pulley twin roll

50 kN
max. Ø rope 13 mm
usage: textile rope
sheave: light-alloy
■ roll bearing
■ weight: 354 g
CE 0639 ■ EN 12278



K6380BB
Tandem pulley

25 kN
max. Ø rope:
textile rope: 13 mm
steel: 12 mm
sheave: stainless
■ steel roll bearing
■ weight: 270 g
CE 0639 ■ EN 12278

ascenders



K6400BB
Cam clean

chest ascender
Ø rope 8 - 13 mm
Size: UNI ■ Weight: 140 g
CE 0639 ■ EN 567



K6392BB
Lift left

Ø rope 8 - 13 mm
Size: UNI
Weight: 260 g
CE 0639 ■ EN 567



K6391BB
Lift right

Ø rope 8 - 13 mm
Size: UNI
Weight: 260 g
CE 0639 ■ EN 567

Hand and chest ascenders for safe and smooth ascent. LIFT is a perfect choice for big wall or mountaineering endeavors. Engineered for comfort, the handle opening is extra-wide to accommodate gloved hands. Works with 8 mm - 13 mm ropes.

descenders



K030dsd30
Double Stop

Descender with double locking and anti-panic system: self-breaking in case of accidental loss of descent control. Sensitive handle enables smooth descent without harmful rope twisting. Also suitable for works at a height and for emergency self evacuation.
Ø rope 11 mm
Size: UNI ■ Weight: 340 g (12 oz.)
CE 0123 ■ EN 341

steel maillons



K82006Z
Maillon mini oval

D 6 mm ■ 4 kN
gate open. (d) 7,5 mm
zinc-plated
33 g (1,16 oz.)



K82008Z
Maillon small oval

D 8 mm ■ 25 kN
gate open. (d) 11 mm
zinc-plated
77 g (2,72 oz.)
CE 0082 ■ EN 362
EN 12275



K82207Z
Maillon small delta

D 7 mm ■ 4 kN
gate open. (d) 11 mm
zinc-plated
60 g (2,12 oz.)



K82310Z
Maillon big D

D 10 mm ■ 25 kN
gate open. (d) 12 mm
zinc-plated
144 g (5,08 oz.)
CE 0082 ■ EN 362
EN 12275



K82210Z
Maillon big delta

D 10 mm ■ 25 kN
gate open. (d) 12 mm
zinc-plated
151 g (5,33 oz.)
CE 0082 ■ EN 362
EN 12275

accessory carabiners



K5180EE
Mini D

color mix
gate opening (d) 17 mm
25 g (0,88 oz.)
maximum load 600 kg
not for climbing



K5050EE
Mini pear

color mix ■ 8 g (0,28 oz.)
not for climbing

K90008B03
Porter

Plastic holder for racking ice screws, pitons and industrial tools.

- for racking ice screws, pitons and industrial tools on the harness
- easy clipping and un-clipping
- the nose on the upper part allows to set away some staff in order to access staff on the bottom.
- rubber part fixes the Porter on place and prevent it from rotation

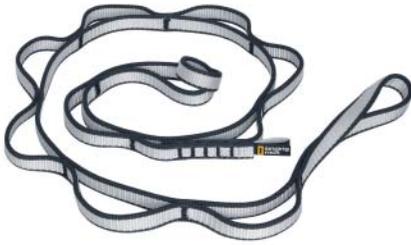


WARNING: NOT FOR CLIMBING!
The Porter is NOT load-bearing! It is not designed to hold human's weight. Do not use it for protection or belaying.

Max. load: 5 kg
Weight: 32 g
Color: black



slings



C2419

Safety chain

16 mm polyamid webbing
Lengths: 120 / 140 cm
Strength: 22 kN sling / 3,5 kN individual loop



C2085

Quickdraw slings

22 kN
width: 16 mm
lengths: 11, 13, 16, 20 and 30 cm /
4.4, 5.2, 6.4, 8 and 12 in
CE 1019 ■ EN 566



C2075

Slings 16 mm

22 kN
A light and strong nylon slings available from 60 to 150 cm.
width: 16 mm
lengths: 60, 80, 120 a 150 cm /
24, 32, 48, 60 in
CE 1019 ■ EN 566



C2000

Quickdraw slings

22 kN
width: 11 mm
lengths: 11, 13, 16, 20 and 30 cm /
4.4, 5.2, 6.4, 8 and 12 in
CE 1019 ■ EN 566



C2001

Dyneema slings

22 kN
Light, thin and still very strong. These 11 mm slings are ideal for all applications where weight and strength come first.
lengths: 60, 80, 120 a 150 cm /
24, 32, 48, 60 in
CE 1019 ■ EN 566



C2004X

Dyneema sling 8 mm

Light, thin and still very strong. Perfect for threads. This 8 mm sling is ideal for all applications where weight and strength come first.
Lengths 60 and 120 cm are color demarcated for quick recognition and easier gear management.
CE 1019 ■ EN 566

shock absorbers



C2304XX00

Easy go XP

Shock absorber for via ferrata routes and for adventure parks (without carabiners)

- tying to the harness with twisted loop for better "sling lapping"
- impact force 4,85 kN (tested according EN 958)
- elongation of energy absorber is 110 cm (activated)
- elastic lanyards length: 50 cm, extended length: 90cm
- color distinction between the lanyards
- central eye with strength 9 kN for resting and belaying
- recommended carabiners type K EN 12275
- new safe design

Recommend use

- via ferrata
 - ropecourse
- Weight: 255 g (8.99 oz.)

CE 1019 ■ EN 958



C2305XX00

Easy go XP complete

Shock absorber for via ferrata routes and for adventure parks with key lock carabiners,

type „K“ according EN 12275

Weight: 421 g (14,85 oz.)
(incl. carabiners)

CE 1019 ■ EN 958



C2306XX00

Easy go XP lock

Shock absorber for via ferrata routes and for adventure parks with palm key lock carabiners,

type „K“ according EN 12275

Weight: 500 g (17,64 oz.)
(incl. carabiners)

CE 1019 ■ EN 958

belay devices



K6031EE

K6031BB black matt

Figure 8 L

Designed for ropes of bigger diameters.
30 kN ■ color mix ■ 125 g [4,41 oz.]

- for ropes of various diameters
- many color variants
- easy rappelling
- effective heat distribution

K6021EE

K6021BB black matt

Figure 8 M

Designed for ropes of smaller diameters.
25 kN ■ color mix ■ 104 g [3,67 oz.]



K6132EE

K6132BB black matt

Buddy

Buddy is light and compact belay tube. For all round climbers. Designed for ropes 7,8 - 11 mm mix color ■ 54g ■ 1,91 oz.]

M0200XX00

Buddy set

Buddy is light and compact tube and with HYPNDS HMS screw gate, key lock carabiner creates superb unit for belaying in gyms, walls, rock and on mountains. Simply anywhere!

Designed for ropes 7,8 - 11 mm
Color mix
125 g [4,41 oz.]

K6140EE00

K6140BB00 black matt

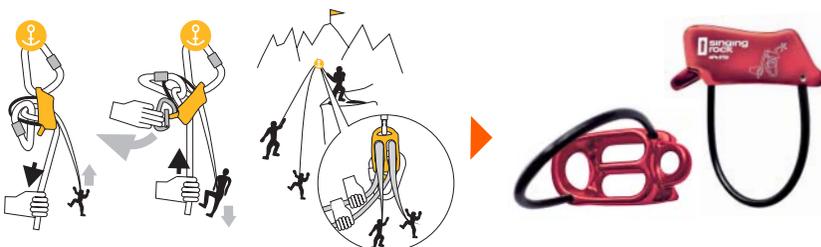
Shuttle

belay and rappel device

One device to do it all, the Shuttle offers maximum versatility. It has a groove, designed and shaped to provide equal friction for both thin and thick ropes. When you're belaying from above, the "guide mode" lets you bring up one or two second-climbers under control. For lowering, it has a small secondary hole that you can clinch carabiner for or sling more leverage to release the device.

- designed for twin, half and single ropes
- lightweight and compact, only 65 g
- V-grooves for high friction when belaying the leader or rappelling
- self locking function when belaying the second
- eye for releasing the weight
- possibility of simultaneous belaying two climbers

Weight: 65 g / 2.29 oz
Rope diameter: 7.8 - 10.5 mm
Material: Light alloy



anchor devices



K6370BB Rigging plate 1/3

Helps to organize carabiners at a standpoint. Efficient force distribution at different load directions.

Rounded holes allow to attach ropes directly to rigging plate (any hole).

36 kN ■ size 5 mm ■ light alloy ■ black matt
■ 69 g (2.45 oz.) ■ CE 0639

Rigging plates help to organise carabiners at a standpoint. Efficient force distribution at different load directions.



K6371BB Rigging plate 3/5

Helps to organize carabiners at a standpoint. Efficient force distribution at different load directions.

45 kN ■ size 7 mm ■ light alloy ■ black matt
■ 150 g (5.30 oz.) ■ CE 0639



K702X10 10 mm K702X12 12 mm

Hanger plate

for belaying climbing routes on rocks, for belaying on artificial walls

- stainless metal plate 3mm thick
- hole for the anchor screw diameter 10 and 12 mm
- loop for two carabiners
- loading limit 25 kN in radial direction and 15 kN in axial direction

Weight: 45 g
Strength: 28 kN, 15 kN
Size: 10 mm, 12 mm



K7950EE Twister

rotating anchor

Placed between a load and either rope or cable, the twister avoids severe rope twisting while the load turns.

Working load: 5 kN.
Color: orange / red elox
Strength: 40 kN
Weight: 165 g (5.82 oz.)
CE 0639 ■ EN 354



K0006RP00 RedBlock

- device, that extends lifetime of the rope when top-roping
 - ideal partner for adventure parks and gyms
 - allows to be installed in two axes.
- For better traceability and inspection recording the RedBlock is marked with the unique production number.

Color: red
Weight: 375 g
Material: stainless steel
Sheave: light alloy
Max. diameter of rope: 12 mm
Strength: 26 kN
CE 1019



K703010 Glue in anchor

Running fixed point

for belaying and abseiling

- stainless anchor with a loop for a carabiner or rope
- rounded loop which does not destroy carabiners and rope
- for compact materials and rocks, lime, conglomerate, stone and concrete
- High-quality stainless steel

Shaft diameter 10 mm,
length 80 mm, drilled hole 12 mm
Weight: 120 g
Total length: 120 mm

accessories



C00408H00 black/brown **Quad complete**

Dimensions 100 x 100 cm (3.30 x 3.30 ft), weight 3,7 kg (130.5 oz.)

- shock absorbing 3-layer sandwich construction
- back carrying system simply adjustable to shoulder carrying system
- rounded corners
- no plastic parts - all fasteners are made of light alloy
- diagonal middle hinge eliminates the gutter zone

Small pad: size 42 x 93 cm (1.38 x 3.05 ft), weight 0,7 kg (24.7 oz.)

- it nests perfectly inside your Quad
- designed to complement your Quad and it is ideal for sit-down starts or to have extra padding

00398H00 black/brown **Quad**

(only mat)
Dimensions 100 x 100 cm (3.30 x 3.30 ft), weight 3,7 kg (130.5 oz.)

- shock absorbing 3-layer sandwich construction
- back carrying system simply adjustable to shoulder carrying system
- rounded corners
- no plastic parts - all fasteners are made of light alloy
- diagonal middle hinge eliminates the gutter zone

This product by Singing Rock wants to satisfy needs of all, who are obsessed by bouldering - modern branch of climbing. 1 meter square large airport for your safety. Quad is made for the real boulderers who want maximum safety and shock absorption. 45° angle-cut virtually eliminates unprotected drop zones.



www.singingrock.com

BRNO STREET CLIMBING

The boulder is on a monument in a front of the Anthropology Museum in Brno. On the monument there is a sign: "Honor to hard work", so I do not even know, who the monument is for. So far street climbing hasn't been for me too difficult. I've chosen easy boulder problems but it was more adrenaline for me. The height of the boulders, the boulders were slippery, therefore, I used chalk. Street climbing is also an adventure because you never know the opinion of the owner of the building or a policeman. But so far I haven't met a policeman yet, so I don't know their opinion on the street climbing. I love street climbing and I have several new locations in Brno which I will try this coming season.

Text by: Silva Rajfova.

From July 2009 is Silvie Rajfová, a climber from Brno, born on 25th Sept 1989, our member in the SINGING ROCK climbing team. Silva has won the championship of the Czech Republic four times, and she takes the front positions at the European Cup and gets into finals at the World Cup, too. Silva is not only enthusiastic about bouldering but she is also good at it. She has been enchanted by the world of the "big small problems". The climbing with and without a rope is in the ratio of 60:40. Her favorite material is lime, and when speaking about holds, it's very diverse. She likes stalactites, ledges, wholes, and so on. Side by side with Jitka Mázlová, Momo KGB and Nina, this climber becomes the second climbing woman in the SINGING ROCK climbing team

LET'S
ROCK!

Let's
rock!

In January 2001 I've started to climb together with my old brother and since that time, after tasting the climber's lifestyle, I've could never stop. In 2003 it was a time for my first youth competition and in 2006 I won the Brazilian Championship of difficulty. In the same year I won the South American Championship in Guatemala and in 2007 it was my first time in Europe to try to climb all the famous routes that I could see in the climbing movies. At this time as well I had the chance to climb with all the most famous climbers that where my icons and make a very good friendship that remains until now. In this year I became the first Brazilian who went for a semi-final of the World Climbing Competition of difficulty and also the first Brazilian to climb 8c called The Hulk (Rodellar - Spain). In 2008 I did my step for the first 8c+ which led to try another route called Los Inconformistas also in Rodellar (Spain) with the grade 9a French.

In 2010 when I returned from Spain I did not have again so much opportunity to travel and that's why I spent more time on Bouldering. I increased my grades from V11 to V14 on the first ascent of the boulder "Into the wild" V14 located in Ubatuba (Brazil) where I finished this year (2010) with another 6 boulders graded V13.

In the year 2011 it's a time to come back to the rope and come back on the road. In April 2011 I plan to come back to Europe and at this time as a part of Singing Rock Climbing Team I would like to visit and climb in the places as Frankenjura (GER), Ceuse (FRA), Margalef (SPA) and try the taste of sand stone climbing in Czech Republic with the new friends...

FELIPE CAMARGO --
NEW ARRIVAL
TO SINGING ROCK
CLIMBING TEAM



Slackline



C0016RB10 Slackline

It was rock climbers who first had the idea some twenty years ago of stringing up nylon webbing and walking on it. The story goes that there were two guys in Yosemite Valley messing around and balancing on a parking lot chain on a rainy day.

Balancing on the webbing took over their lives for several years. They were practicing new tricks and pushing each others to higher and higher levels of balancing feats. They would spend all of their time walking on the slackline and sharing it with others.

Slacklining greatly improves your sense of balance while pushing your physical and mental abilities to the limit.

Singing Rock developed a perfect slackline package which includes webbing, a ratchet and slings with Rock&Lock smart buckles.

All you need to set up a slackline are two fastening buckles and one ratchet!

- width of webbing: 25mm ■ 0.98 in
- made of low stretch PES
- weight: 1230 g ■ 43.4 oz
- max. length 10 m ■ 32 ft
- maximum diameter of anchor point is 50 cm
- maximum load 200 kg

Slackline is intended for use near the ground (max. height of anchor points is 1 m).

Never use this product as a highline.



C0019RR15 Slackline webbing

- width of webbing 25 mm (0.98 in)
- made of low stretch PES
- max. length 150 m (492 ft)
- strength: 21 kN



C0016RB20 Slack line 20 m

Singing Rock developed a perfect slackline package which includes webbing, a ratchet and slings with Rock&Lock smart buckles.

All you need to set up a slackline are two fastening buckles and one ratchet!

- width of webbing: 25 mm ■ 0.98 in
- made of low stretch PES
- weight: 1960 g ■ 69.14 oz
- max. length 20 m ■ 65 ft
- maximum diameter of anchor point is 90 cm
- maximum load 200 kg

Slackline is intended for use near the ground (max. height of anchor points is 1 m / 3.2 ft).

Never use this product as a highline!

accessories



W1002BB Defender

Protects rope sheath against abrasion on rough surfaces and edges. Allows to put 2 ropes in. 80/120 cm ■ 32/48 in
Material: Cortex



W810 Rope protector

Protects rope sheath against abrasion on rough surfaces and edges. 50/70/100/120 cm ■ 20/28/40/48 in
Material: PVC



C2150BY Jacob

Ultra light six staves aider
Staves reinforced with plastic keep its shape even when loaded. Strength 500 kg. Strength of grab loop 100 kg.
Weight: 210 g (7.40 oz.)



W1024 Footer II

ascender webbing without maillon
Dimension:
Min. length: 50 cm (19.7 in)
Max. length: 150 cm (59 in)
Weight: 145 g (5.11 oz.)
Rock&Lock smart buckle (steel).



W1025 Footer II complete

ascender webbing with maillon
Dimension:
Min. length: 50 cm (19.7 in)
Max. length: 150 cm (59 in)
Weight: 180 g (6.35 oz.)
Rock&Lock smart buckle (steel).

W00180000 Pancake

Designed to improve hauling systems and to make an ascent along the rope easier.

Part of tackle systems:

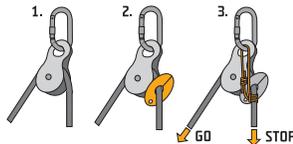
- prevents from getting prusik knot into the pulley
- ideal for hauling in bigwalls and during rescue actions

Ascending along a fixed rope:

- prusik knot moves upwards without hand intervention

Weight: 15 g (0.53 oz.) ■ Size: UNI
Material: POM ■ Color: orange

ATTENTION: Pancake itself doesn't ensure safety of prusik knot. Strength of prusik knot depends on parameters of both cord and rope!



E0015XX00 Ropemaker

When you need to mark your rope, use SINGING ROCK Rope Marker. With dark ink and easy-to-use design, you'll never be left wondering in those unsure situations. When it fades you can mark it again with this specially formulated rope marker. You can mark the centre of rope or any other part of harnesses or slings. Inert for PA, PP, PES, PE.

C0010S009

Caddy

- fluent adjusting of length by the help of buckle
- webbing is laced through plastic tube for better clipping and unclipping
- detachable chest strap helps to fix the gear sling
- lightweight: 115 g [4 oz.]
- comfortable and ergonomically shaped padding
- maximum load 20 kg
- intended for right handed also left handed persons

Use only for your gear!



A00510S00

Dante

pocket knife with first class toothed stainless steel blade

Blade length 80 mm, one hand operation and safety lock of opened knife.

Blade - stainless steel, orange plastic handle, stainless steel flexy clip.

Weight: 83 g



Gear bag

Made out of waterproof, durable and washable material.

Super durable and very convenient, this bag takes up minimal space and stays dry.

On the top there is transparent pocket for your documents in format A4.

- intended for speleology and working at high
 - washable
 - minimum seams
 - main seams - HF welding
 - durable material
 - color: yellow and black
- Capacity: 35 and 50 l

S9000BB35

GEAR BAG 35 l black

S9000YY35

GEAR BAG 35 l yellow

S9000BB50

GEAR BAG 50 l black

S9000YY50

GEAR BAG 50 l yellow



Expedition bag Tarp Duffel

It's not your average duffel bag... Made from a durable laminate material, the TARP DUFFEL is a bomber of a bag. Amply resilient to be roughed around in-flight, or to be transported up a mountain via a yak or off-road, this is one burly duffel bag.

For trips lasting longer, grab the 90 litres size for ample room for your climbing gear.

- Alpine-cut shoulder straps
- Dual daisy chains
- Twin haul handles on ends
- Rugged construction with extra bar-tacks and double stitching
- Four compression straps
- Internal mesh pockets
- Pocket on top

Capacity: 70, 90 and 120 litres

Color: black

Weight: 1820 g (70 l), 2270 g (90 l)

(± 15g)

Material: PVC

C0046BB70 - 70 litres, black

C0046BB90 - 90 litres, black

C0046B120 - 120 litres, black

Martin used his free time and went to Swiss Chironico together with his brother Stěpán.

The weather was great all the time. Blue sky for four days and the last one it darkened.

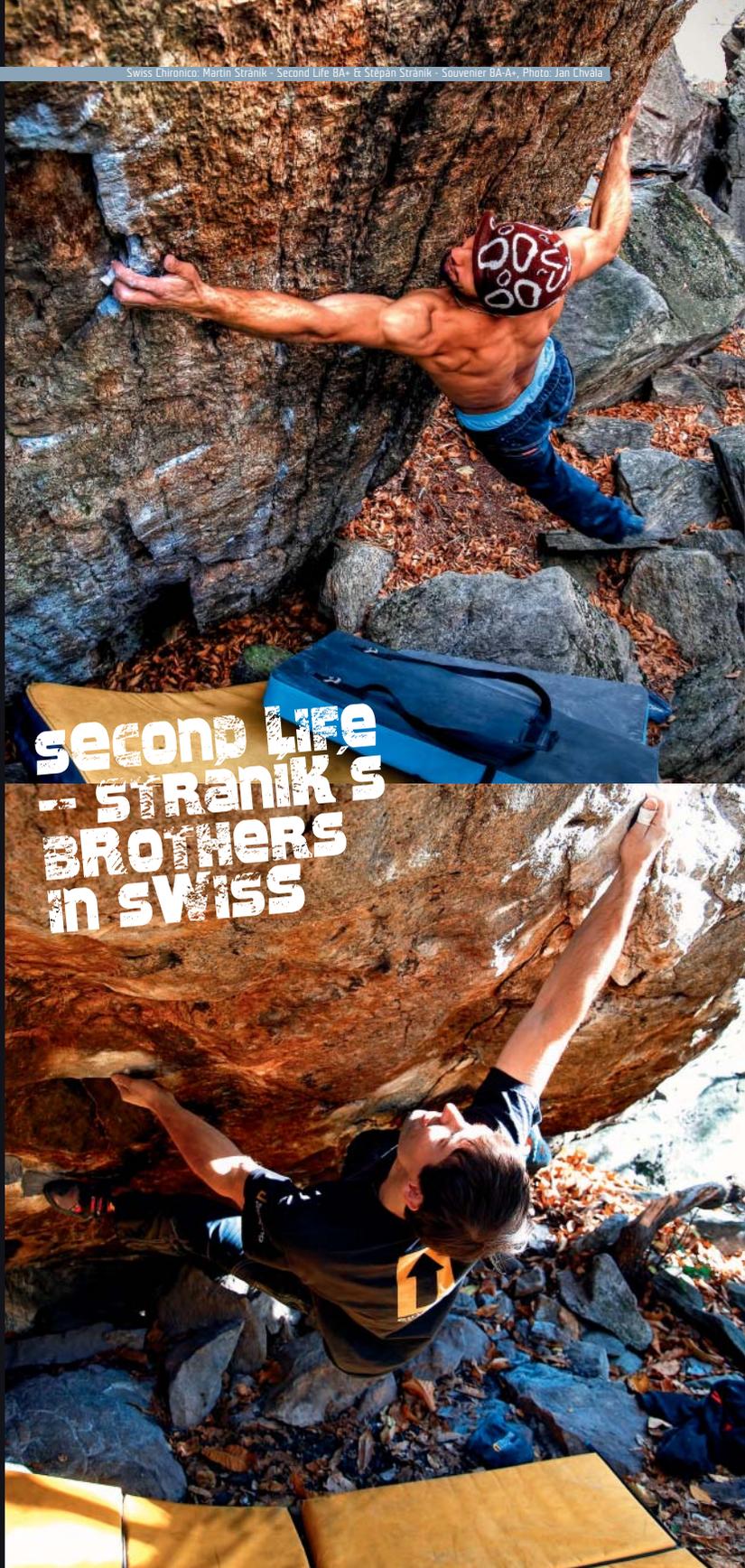
On the first day they went to Deliverance where they knew it, starting with something easy and then moving to That Goes Left, originally BA, now 7C. After a while Martin and Stěpán managed to climb it. Then they go for No mystery BA/BA+, which they had tried last time when they were in Chironico. Martin had to find a different strategy but finally he succeeded.

Then they found themselves at Souvenir BA/A+. Martin spent some time by looking for the right program and made up the strategy that suited him, so finally he got to the top. At Komilator BA, they had another successful climb, due to the right use of heels and strong fingers.

The next day they went to Central. Their warm up was a beautiful boulder Selection door 7A after which they moved to LA Vent Nous Portera BA, which took some effort but it paid off, and to Serre Moi Fort BA, a play with hands and feet. Miša in the meantime sends Auto pilot 7A+/B Flash. Then they went to Le Piliér BA, probably the easiest 8A in Chironico. Martin fell four times as he lacks strength to hold so he jumps over it. They continue at Willenberg Dach 8A, a pure ceiling. Unfortunately they cannot climb it, so Stěpán shots an attempt in Vitruvia man 7C, but also in vain.

On their last day they stopped at Ping pong 7B+, which was climbed immediately. Then Martin got the tip to check an 8B, Second Life. So he does and climbs it immediately. In his view it is rather BA/A+.

Before going home Martin did an easier version of Teamwork 7C as a goodbye.



SECOND LIFE -- STRÁNEK'S BROTHERS IN SWISS

LET'S!
ROCK!

fashion

hats

Those without a hat must have it. A faithful guy who goes bouldering never takes it off, even in the shower. Did you know that one can lose as much as 25%

of body heat not wearing a hat? Therefore, you should save that energy for next eager attempts.



C0041BS0
Chaoz cap
black



C0042BS00
Chaoz
black



C0044HS00
Hardware
brown



C0041RS00
Chaoz cap
red



C0042RS00
Chaoz
red



C0045GS00
SIGR
green



C0043BS00
Spar
black



C9000BB
Skip cap
black powerstretch
Size: UNI



C0051BH00 – black
C0051HH00 – brown
Baseball hat
Size: One size fits all.
Squared visor. Logotype in front.
Website singingrock.com in back.



T-shirt

T-shirts – made of cotton, short sleeves classic round, lined neck man/woman designs Let's rock!

- C1011RR** – man, chilly pepper red
 - C1011HH** – man, bone brown
 - C1012RR** – woman, chilly pepper red
- designs Backbone arrow:
C1013BB – man, black
C1014BB – woman, black

Weight: 185g
Size: S, M, L, XL (man T-shirts)
M, L, XL (woman T-shirts)
The T-shirts SINGING ROCK are very comfortable to wear.

accessories



C0006HH Grippy 3/4

Made out of quality leather. Reinforced palm area and lower part of finger area. Intended for via ferrata and big wall climbing. Tested in Yosemite! Free ends of your fingers does not affect your sensibility and fine manipulation with your gear. Easy to put on thanks to special loop.

Size: 8, 9, 10, 11



C0006BH Grippy

Made out of quality leather. Reinforced palm area. Closed fingers. Abrasion resistant. Easy to put on thanks to special loop.

Size: 8, 9, 10, 11



C909 Belt for trousers

with Rock&Lock smart buckle
This buckle is used on almost every harness from SINGING ROCK production.
Size: M, XL



C0034X125 Super tape

- very strong
 - super adhesive
 - non-allergic (clinically tested)
 - no glue marks on your skin
 - convenient for long-term usage
- Size: 12,5 mm x 10 m



C309 Belt for chalk bag

**DUŠAN „STOUPA“
JANÁK AND PAVEL
„BAČA“ VRTIK
CLIMBED ROBERT
JASPER'S ROUTE
VOL DE NUIT AT
MONT BLANC DU TACUL
IN THE END
OF JANUARY.**

They warmed up at some short routes in Tacul area on 26. 1. and next day (27. 1.) they climbed Vol de Nuit (400 m, MB-), on sight. This route is still one of the hardest mixed climbing routes in Alps. They passed the route at very cold and quite dry conditions.

We have interviewed Stoupa about his feelings from this route:

What's your opinion on the fact that after the first ascent of Vol de Nuit there is no similar or harder route in Mt. Blanc massif?

It's hard to say. Probably we are at the same situation as 30 years ago when the free climbing was divided. Those interested in hard routes with physical difficulties stay with the bolts on the rocks. And those who are climbing at the mountains climbs easier routes comparable with the sport climbing classification. Even in a summer the routes at the mountains are not climbed harder than 8 UIAA. At the same time for many climbers 8 UIAA is not difficult route on the "training" rocks. In Chamonix during last three, four years have been added some routes at the same classification or even harder than Vol de Nuit and they were added at even more difficult faces. These are "free" ascends of old classic routes.

Did you need any special kind of equipment?

No, just regular set of friends, nuts and tri-cams.

How many pitches has the route?The route is about 400 m, easier pitches could be joined.

How did you descend?

By rappelling. We were quite surprised, that the anchors above the hardest pitch are in a really bad shape or even don't exist. I recommend to take a lot of slings. You are rappelling very often from the small spikes and slings go away quickly. I had to leave there even the slings from my ice axes.

ROBERT JASPER'S ROUTE -- VOL DE NUIT



What are the difficulties of the hardest pitch?

There is such rolling wide crack, sometimes overhanging. So you have your legs inside and ice axes around. Sometimes you can straddle and shake out. We didn't have great conditions. The crack was full of snow so it took a lot of time. If there is instead of the snow an ice, it would be easier. But it was climbable.

Are you interested in a new first ascent in this area?

Yes, I am but the logical lines are already taken.....

LET'S!
ROCK!

magnesium



M3001W035

Magnum ball

35 g

Creates less dust,
less sweat and better grip.



M3001X070T

Magnum ball twins

2 x 35 g

Creates less dust,
less sweat and better grip.



M3001W035R

Magnum ball refill

35 g

Creates less dust, less sweat and better
grip. This ball allows refilling.



M3001W30P

Magnum crunch

300 g

For maximum sweat absorption and fric-
tion.



M3001W10C

Magnum dose

100 g

For maximum sweat absorption and fric-
tion. This box allows refilling.

Magnum is perfect grade natural chalk
specifically designed for climbing and all
rock activities. Great for absorbing mois-
ture and creating friction between fin-
gers & palms and stone.



M3002W150

Magnum liquid chalk, tube

150 ml

Quick-drying chalk for maximum sweat
absorption and friction. Creates less
dust, less sweat and better grip.



M3002W010

Magnum liquid chalk, bag

10 ml

Quick-drying chalk for maximum sweat
absorption and friction. Creates less
dust, less sweat and better grip.

chalk bags



C0050
Chalk bag Large

The chalk bags are made out of printed polyester and polyamide material. The inside material is fleece. Before proposing the design we took into consideration the requirement for continuous circulation of magnesium and so its high usage. The prompt closing system and braced welt provide an easy handling of the chalk bag.



C0002BBX4
Chalk bag Large
(Black with logotype)

promo products



P0012BB00
Mug
Thermo cup with sturdy handle keeps your coffee or tea hot.
Capacity: 350 ml (12.3 fl. oz.)
Weight: 250 g (8,82 oz.)



P0013BB00
Mug max
Thermo cup with plastic handle keeps your coffee or tea hot.
Ideal for your drinks holder in your climbing bark.
Capacity: 520 ml (18 fl. oz.)
Weight: 300 g (10.5 oz.)



P0010X050 – 0.5 l
P0010X030 – 0.3 l
Pitcher
Classical beer pitcher 0.5 l or 0.3 l for all who likes climbing and all activities on our vertical playground.

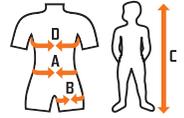


Climbers on board & Singing Rock
Stickers with adhesive side on its face. (intended for using on back windscreen of your climbing bark).

technical data

harnesses

	size			K1	K2	XS	S
Attack C5020	(M) 460 g	A	cm			65-75	70-80
		B	in			25,5-29,5	27,5-31,5
Flake C5045S	(M/L) 240 g	A	cm			45-50	50-55
		B	in			17,5-19,5	19,5-21,5
Guru C5041	(M) 395 g	A	cm			65-75	70-80
		B	in			25,5-29,5	27,5-31,5
Nemo C5044	(M) 330 g	A	cm	55-65	60-70		
		B	in	19,5-23,5	21,5-25,5		
Nara C5042	(M) 330 g	A	cm	45-50	45-50		
		B	in	17,5-19,5	17,5-19,5		
Crux C5040	(M) 300 g	A	cm			55-65	60-70
		B	in			19,5-23,5	21,5-25,5
Mjidi C5043	(M) 440 g	A	cm			45-50	45-50
		B	in			17,5-19,5	17,5-19,5
Canyon XP C5030	(M/L) 575 g	A	cm			65-75	70-80
		B	in			25,5-29,5	27,5-31,5
Tarzan W0050BR	(M-XL) 1530	A	cm			49	52
		B	in			19	20
		A	cm			65-80	65-80
		B	in			25,5-31,5	25,5-31,5
		A	cm			50-55	50-55
		B	in			19,5-21,5	19,5-21,5
		A	cm				70-100
		B	in				28-40
		A	cm				42-66
		B	in				17-27
		A	cm			50-80	50-80
		B	in			20 - 31	20 - 31
		A	cm			45-60	45-60
		B	in			18-24	18-24
		A	cm			145-165	145-165
		B	in				
Tarzan Light C5036BR00	(UNI) 990	A	cm				UNI
		B	in				60-130
Top C5031	UNI 370 g	A	cm				24-51
		B	in				35-70
Top padded C5032	UNI 380 g	A	cm				14-27
		B	in				150-200
Top canyon C5029	UNI 380 g	A	cm				60-120
		B	in				24-47
Complete C071	UNI 505 g	A	cm				42-66
		B	in				17-27
Kid C5014	UNI 260 g	A	cm				60-110
		B	in				24-41
		A	cm				42-66
		B	in				17-27
		A	cm				stature size
		B	in				100-120
		A	cm				40-47
		B	in				



M	M/L	L	XL	XXL	norm	CE
75-85		80-90	85-95	90-100	EN 12277-C	CE 1019
29,5-33,5		31,5-35,5	33,5-37,5	35,5-39,5		
55-60		60-65	65-70	65-70		
21,5-23,5		23,5-25,5	25,5-27,5	25,5-27,5		
75-90		75-90	85-100		EN 12277-C	CE 1019
29,5-35,5		29,5-35,5	33,5-39,5			
60-65		60-65	65-70			
23,5-25,5		23,5-25,5	25,5-27,25			
75-85		80-90	85-95	90-100	EN 12277-C	CE 1019
29,5-33,5		31,5-35,5	33,5-37,5	35,5-39,5		
55-60		60-65	65-70	65-70		
21,5-23,5		23,5-25,5	25,5-27,5	25,5-27,5		
					EN 12277-C	CE 1019
65-75		70-80			EN 12277-C	CE 1019
25,5-29,5		27,5-31,5				
55-65		60-65				
21,5-23,5		23,-25,5				
75-85		80-90	85-95		EN 12277-C	CE 1019
29,5-33,5		31,5-35,5	33,5-37,5			
55		58	60			
21		22	23			
75-90		75-90	85-100	85-100	EN 12277-C	CE 1019
29,5-35,5		29,5-35,5	33,5-39,5	33,5-39,5		
60-65		60-65	65-70	65-70		
23,5-25,5		23,5-25,5	25,5-27,5	25,5-27,5		
	80-110	90-120			EN 12277-C	CE 1019
	32-34	36-48				
	42-66	42-66				
	17- 27	17-27				
70-130		70-130	70-130		EN 358, 813, 361	CE 1019
27-51		27-51	27-51			
50-75		50-75	50-75			
20-29		20-29	20-29			
160-205		160-205	160-205			
					EN 12277-C	CE 1019
					EN 12277-C	CE 1019
					EN 12277-C	CE 1019
					EN 12277-A	CE 1019
					EN 12277-B	CE 1019

technical data

dynamic ropes

	code	colour	length*	diameter	weight	static elong.	dynamic elong.	falls/impact force		type
			m	mm	g/m			kN		
Accord	L051	blue	30 - 70, 100, 200	8,2	43	9% / 6,4%	32% / 34%	5 / 15	5,9 / 9,7	half / twin
	L051	orange	30 - 70, 100, 200	8,2	43	9% / 6,4%	32% / 34%	5 / 15	5,9 / 9,7	half / twin
Glory/dry	L032	yellow	30 - 60, 80	9,8	62	7,90%	36,30%	6	8,9	single
Score	L036	green	30 - 60, 80	10,1	66	7%	31,90%	8	9,1	single
Duran	L034	blue	30 - 60	10,4	70	6%	31,30%	10	8,7	single
Wallter	L035	blue	30 - 60	10,4	70	6%	31,30%	9	8,9	single
Rave	L033	red	30 - 70, 100, 200	10,3	66	7,7	32	7	9,3	single
Mania	L303	green	30 - 70, 100, 200	9,7	61	7,60%	37,50%	9	7,6	single
Icon/dry	L038	red	30 - 60, 80	9,3	57	9,0%	33,9%	5	8,4	single
Gemini	L302	red	30 - 70, 100, 200	7,9	39	8% / 7,3%	33% / 29%	5 / 16	5,7/8,3	half / twin
	L302	yellow	30 - 70, 100, 200	7,9	39	8% / 7,3%	33% / 29%	5 / 16	5,7/8,3	half / twin

CE ■ EN 892 ■ UIAA ■ packaging dynamic ropes: pack - 30, 40, 50, 60, 70, 80 ■ coil - 100, 200 m

static ropes

	strenght	knot breaking force	static elongation	number of falls	weight	type
	kN	kN	%		g/m	
Static R44 10,5	35,8	22,3	3,4	>15	72	A
Static R44 11	34,7	20,3	3,2	>20	77	A
Static 9	25,5	14,5	3,5	>8	52,9	B
Static 10,5	30,6	19,3	3,3	>10	69	A
Static 11	37,8	24	3,3	>20	80	A
Stitched eye	30	18	3,2	>20	79	A

CE ■ EN 1891 ■ UIAA ■ packaging static ropes: pack - 50, 60, 70, customer request ■ coil - 100, 200 m

Some notes:

Type A rope - low stretch kernmantel rope designed for general use by persons in rope access including all kinds of work positioning and restraint; in rescue and in caving
Type B rope - low stretch kernmantel rope of a lower performance than type A ropes, requiring greater care in use (standard does not content other specification)

Static strength defined in the standard:

22 kN for the ropes of type A
18 kN for the ropes of type B
Another standard requirement says, the material used for rope production shall have the melting point higher than 195°C, so polyethylene or polypropylene are not suitable

Rope elongation

The rope elongation shall not be higher than 5%, tested by loading the rope for 3 min with 150kg load (pretension 50 kg)

Dynamic performance

Fall test with two meters long rope terminated with figure-eight knots; fall factor 1. The testing mass 100 kg for type A ropes, 80 kg for type B ropes.

speleo ropes

	strenght	knot breaking force	static elongation	number of falls	weight
	kN	kN	%		g/m
speleo R44 10,5	35,6	22,1	3,4	>15	72
speleo 10,5	29,2	18	3,3	>10	69

CE ■ EN 1891 ■ UIAA ■ packaging speleo ropes: pack - 50, 60, 70, customer request ■ coil - 100, 200 m

accessory cords

	diameter	weight	strenght	length	
coil	mm	g/m	kN	m	ft
L0004	4	12,6	3,2	100	328
L0005	5	18,7	5	100	328
L0006	6	23,2	9	100	328
L0007	7	35,1	11,5	100	328
L0008	8	39,8	16	100	328

CE 0123 ■ EN 564

carabiners

	code	colour/surface	material	EN12275	EN362	↔	↕	↻	gate open.		weight	
				sport	work	kN	kN	kN	mm	g	oz	
Hypnos screw	K0007EE00	titanium	dural	•	•	22	7	7	21,5	71	2,485	
	K0007BB00	black	dural	•	•	22	7	7	21,5	71	2,485	
Hypnos TWL	K0008EE00	titanium	dural	•	•	22	7	7	21,5	75	2,625	
	K0008BB00	black	dural	•	•	22	7	7	21,5	75	2,625	
Vision straight	K0009EE00	titanium	dural	•	-	25	7	8	19	33	1,155	
Vision bent	K0025EE00	yellow	dural	•	-	25	7	8	19	33	1,155	
Extasy bent	K0010EE00	yellow	dural	•	-	25	8	10	20	47	1,645	
	K0010BB00	black	dural	•	-	25	8	10	20	47	1,645	
Extasy straight	K0011EE00	titanium	dural	•	-	25	8	10	20	47	1,645	
	K0011BB00	black	dural	•	-	25	8	10	20	47	1,645	
Extasy screw	K0012EE00	titanium	dural	•	•	25	8	10	17	52	1,82	
	K0012BB00	black	dural	•	•	25	8	10	17	52	1,82	
Extasy wire str.	K0013EE00	titanium	dural	•	-	25	8	10	22	43	1,505	
Extasy wire bent	K0020EE00	yellow	dural	•	-	25	8	10	22	43	1,505	
D steel screw	K4080ZO	zinc-plated steel	-	•	50	13	20	25	255	8,925		
D steel triple lock	K4081ZO	zinc-plated steel	-	•	50	13	20	25	267	9,345		
Oval steel	K4241ZO	zinc-plated steel	-	•	30	9	8	17	176	6,21		
D big screw gate	K5070PP	silver	dural	•	•	30	8	9	26	88	3,1	
D bar screw gate	K4280PP	silver	dural	•	•	30	9	11	19	80	2,82	
Ozone screw	K0016AA00	blue	dural	•	•	26	10	7	21	80	2,82	
	K0016BB00	black	dural	•	•	26	10	7	21	80	2,82	
Ozone TWL	K0017AA00	blue	dural	•	•	26	9	7	21	85	3	
	K0017BB00	black	dural	•	•	26	9	7	21	85	3	
Ozone Triple Lock	K0018AA00	blue	dural	•	•	26	9	7	21	85	3	
	K0018BB00	black	dural	•	•	26	9	7	21	85	3	

grade table

UIAA	France	Sandstone	USA
5-	4c	V	5.5
5	5a	VI	5.6
5+	5a	VI	5.7
6-	5b	VIIa	5.8
6	5c	VIIIb	5.9
6	5c	VII	5.9
6+	5c+	VIIc	5.10a
6+/7-	6a	VIIc/VIIIa	5.10a
7-	6a+	VIIIa	5.10b
7-/7	6a+/6b	VIIIa/VIIIb	5.10b
7	6b	VIIIb	5.10c
7/7+	6b/6b+	VIIIb/VIIIc	5.10c
7+	6b+	VIIIc	5.10d
7+	6b+/6c	VIIIc	5.10d
7+/8-	6c	VIIIc/IXa	5.11a
8-	6c/6c+	VIIIc/IXa	5.11a
8-	6c+	IXa	5.11b
8-/8	6c+/7a	IXa/IXb	5.11b
8	7a	IXb	5.11c
8/8+	7a/7a+	IXb/IXc	5.11c
8+	7a+	IXc	5.11d
8+	7a+/7b	IXc	5.11d
8+/9-	7b	IXc/Xa	5.12a
9-	7b/7b+	IXc/Xa	5.12a

UIAA	France	Sandstone	USA
9-	7b+	Xa	5.12b
9-/9	7b+/7c	Xa/Xb	5.12b
9	7c	Xb	5.12c
9/9+	7c/7c+	Xb/Xc	5.12d
9+	7c+	Xc	5.12d
9+	7c+/8a	Xc	5.13a
9+/10-	8a	Xc/XIa	5.13a
10-	8a/8a+	Xc/XIa	5.13b
10-	8a+	XIa	5.13b
10-/10	8a+/8b	XIa/XIb	5.13c
10	8b	XIb	5.13d
10/10+	8b/8b+	XIb/XIc	5.13d
10+	8b+	XIc	5.14a
10+/11-	8b+/8c	XIc/XIIa	5.14a
11-	8c	XIIa	5.14b
11-	8c/8c+	XIIa	5.14b
11-/11	8c+	XIIa/XIIb	5.14c
11-/11	8c+/9a	XIIa/XIIb	5.14c
11	9a	XIIb	5.14d
11/11+	9a/9a+	XIIb/XIIc	5.14d
11+	9a+	XIc	5.15a
11+/12-	9a+/9b	XIc/XIIIa	5.15a
12-	9b	XIc/XIIIa	5.15b



Singing ROCK PATRONAGE

SINGING ROCK has patronage at new climbing resort in Krkonose Mountains. Singing Rock together with local climbers has equipped the crag with the bolts, glued the anchors and made a topo of the area. We opened this fall new sectors and we have organized climbing days and methodology breaks for young local climbers.... SINGING ROCK staff placed more than 60 glue in anchors and cultivated rock and surroundings.

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Warning: Activities at height such as climbing, via ferrata, caving, rappelling, ski-touring, rescue, work at height and exploration are dangerous activities, which may lead to severe injury or even death.

Thus the following is essential before use: careful reading and understanding of the instructions for use acquaintance with the possibilities and limitations of the product adequate apprenticeship in appropriate techniques and methods of use understanding and acceptance of the risk involved.

In case of doubt or problem of understanding, contact SINGING ROCK.