

THE KEY FOR CLIMBING



MONKEY
HARDWARE

www.monkeyhardware.com

Welcome to
Monkey
Hardware



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Introduction and company philosophy:

14 years after the formation of Monkey Hardware Corp. we are proud to present this brand new catalogue.

We managed to improve our Monkey-sets for our customers again and we will continue to try getting better and better.

The fit of our climbing holds was optimized to match our Monkeys. Ergonomics, size and screw length were our main focus. Friends of restrained colors will happily note our new colors "tabac" and "bamboo".

Children will be pleased with our sets „Kindergarten“ and „Zoo“.

During the winter season 2010/2011 we introduced our new set "ROCK & ICE" for "trytooling".

Find our newly developed Monkey Hardware backpack "OrangeUtan" in this catalogue for the first time. Thanks to its many details you will find it easy and stress-free to quickly set up your trees. Orange Utan entfernen,, auch im deutschen

For those who don't know us yet we'd like to introduce ourselves in the following:

Monkey Hardware Corp. is a young, dynamic company from Palatia, Germany.

20 years of climbing and mountaineering have led us to the idea of developing our product. Expeditions to Africa, North- and South-America rank among the highlights of our lives. We also gained a huge amount of experience through coaching and training in the pedagogic field.

All those experiences sum up in our MONKEYS, which will perfectly suit the needs of our customers.

The problem before every adventure we planned was the efficient training of our skills. Being far away from alpine rock, we had to limit preparations to a few hours or days. We solved that with our "Key for Climbing".

You're now free to train and climb whenever and wherever you want to!

The „Monkey sets“:

- are an individual training tool for climbers
- are family friendly (suited for all ages)
- provide adventure up to the treetops
- well suited for coaching, schools and high-ropes courses
- shatter proof, weather proof, tree friendly, food-save

With our Monkey Hardware idea, we're certainly providing a high-quality product that will let you and your family or friends experience positive feelings.

We are trying to satisfy individual needs and wishes and will be glad to help you with our personal experience. That's a promise!

We're looking forward to get to know you!

Franz J. Müller
CEO Monkey Hardware GmbH

To train your skills using the Monkeys we're offering workshops all through Germany. See our website or just call us for more info.



Franz J. Müller
Geschäftsführer Monkey Hardware GmbH

Monkey Hardware Idea

With our “Key for Climbing” we’re offering you the possibility of climbing wherever and whenever you want to.

The “Monkeys” are

- a new sport
- suited for all ages
- an adventure up to the treetops
- best suited for coaching, schools and ropes courses
- weatherproof

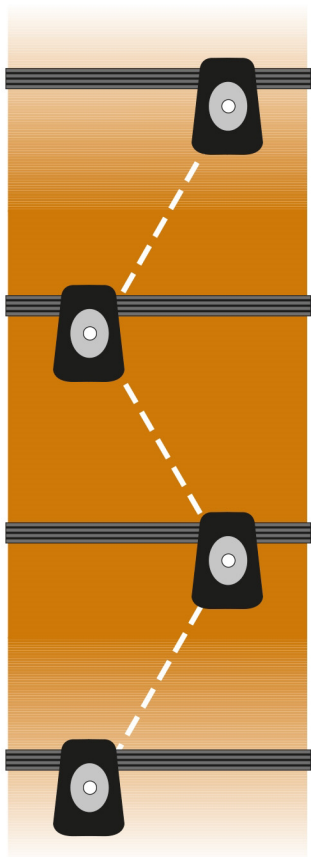
With our Monkey Hardware, we’re providing a high-quality product.

By respecting the safety guidelines of climbing, you will experience infinite fun.



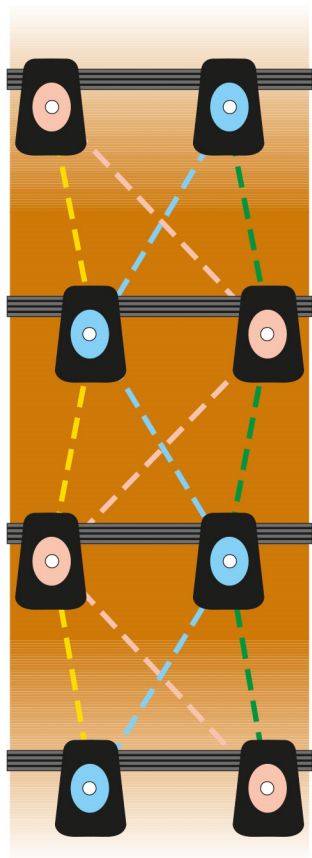
Monkey-Details:

- 1 Tread
- 2 Tree-/ Resin-protection
- 3 Tension belt-receiver / sliding-break
- 4 Receiver for 2nd tension belt
- 5 Drill for transportation
- 6 Climbing-hold
- 7 Screw M10 thread
- 8 Back with rounded contact surface



Utilization A

Utilization A is used with every set containing the same amount of Monkeys and tension belts. One Monkey incl. climbing hold is attached to each tension belt. The result is one climbing route, with holds and steps defined by the position of the Monkeys. With this utilization, it is possible to high up on the trees with relatively few Monkeys.



Utilization B

Utilization B is used with every set containing twice the number of Monkeys compared to tension belts. 2 Monkeys incl. climbing holds are attached to one tension belt. Several climbing routes are possible, because holds and steps are not defined by the position and can therefore be figured out individually. Utilization B tends to be easier to climb, because beginners can always use a second hold to stabilize themselves.

Routes

Route I using all holds

Route II — — — — —

Route III - - - - -

Route IV — — — — —

Route V - - - - -

Regardless of utilization, we recommend using our Starter-Sets. It contains 4 Monkeys without holds and 2 tension belts and serves as an easy way to start the route.

Tension belt with buckle:

- available in 2,2m and 3,2m
- low weight (ca. 115g)
- easy to throw around the trees
- set up and remove the Monkeys fast
- a bit more strength and technique needed to pull the belt tight
- locks tight
- low price
- doesn't attract attention on the trees
- low risk of injury on the buckle
- F allowed 250daN



monkeyharc



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Tension belts with ratchet:

- available in 2,2m, 3,2m and 3,5m, 6m
- weight ca. 410g
- easy to pull tight and readjust the fit
- locks absolutely tight
- best suited for overhanging routes
- gives feeling of safety
- low risk of injury on the ratchet
- F allowed 450daN

Features:

Choosing our tension belts, we pay attention to high quality standards regarding the straps, buckles and ratchets. Functionality is our main focus.

The straps are made of premium quality polyester, which is highly UV-resistant and can be used for a long time on the trees. It is stiff enough to correct a twisted strap on the back of a tree without effort.

Endings feature an angular cut, so it can be mounted easily.

Production follows

DIN EN 9001: 2000 and ISO/TS 16949: 2002.

Stitching meets standards of GS-compliance. The buckle has no distant parts that could cause injuries.

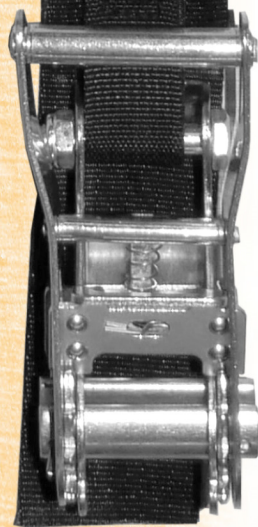
Safety note:

Do not use to belay yourself!

This is a recommendation of TÜV Süd. If a climber illicitly belays himself on the tension belts and causes an accident, we can show the security note to the owners of a climbing park, who may face liability claims.

Disclaimer:

By using tension belts of other manufacturers, our product liability expires.



BASIC



TIP:
With 10 additional
tension belts you can
climb twice as high.

Basic

Set the foundation for your adventures with this set. Big holds with a comfortable grip make this set ideal for kids, beginners and experiential education. Also suited for overhanging routes. Climbing height ca. 4 meters.

Content:

- 20 Monkeys (2 pcs. per belt)
- 10 Tension belts 2,2m or 3,2m
- 20 Holds Basic
- 20 Screws
- 1 Allen key 6mm
- 1 Carabiner
- 1 Carrying stuff sack

Holds/color per Set

grey
red
blue
green
purple
yellow
orange
tabac

BASIC with Buckle
BASIC with Ratchet

2,2m or 3,2m
2,2m or 3,2m

WELLNESS



TIP:
With 10 additional
tension belts you can
climb twice as high.

Wellness

A real "feel good" set. Our biggest holds that provide maximum security in every situation. Ideal for experiential education working with handicapped people. Also fine for overhanging routes! Climbing height ca. 4 meters.

Content:

- 20 Monkeys (2 pcs. per belt)
- 10 Tension belts 2,2m or 3,2m
- 20 Holds Wellness
- 20 Screws
- 1 Allen key 6mm
- 1 Carabiner
- 1 Carrying stuff sack

Holds/color per Set

red

blue

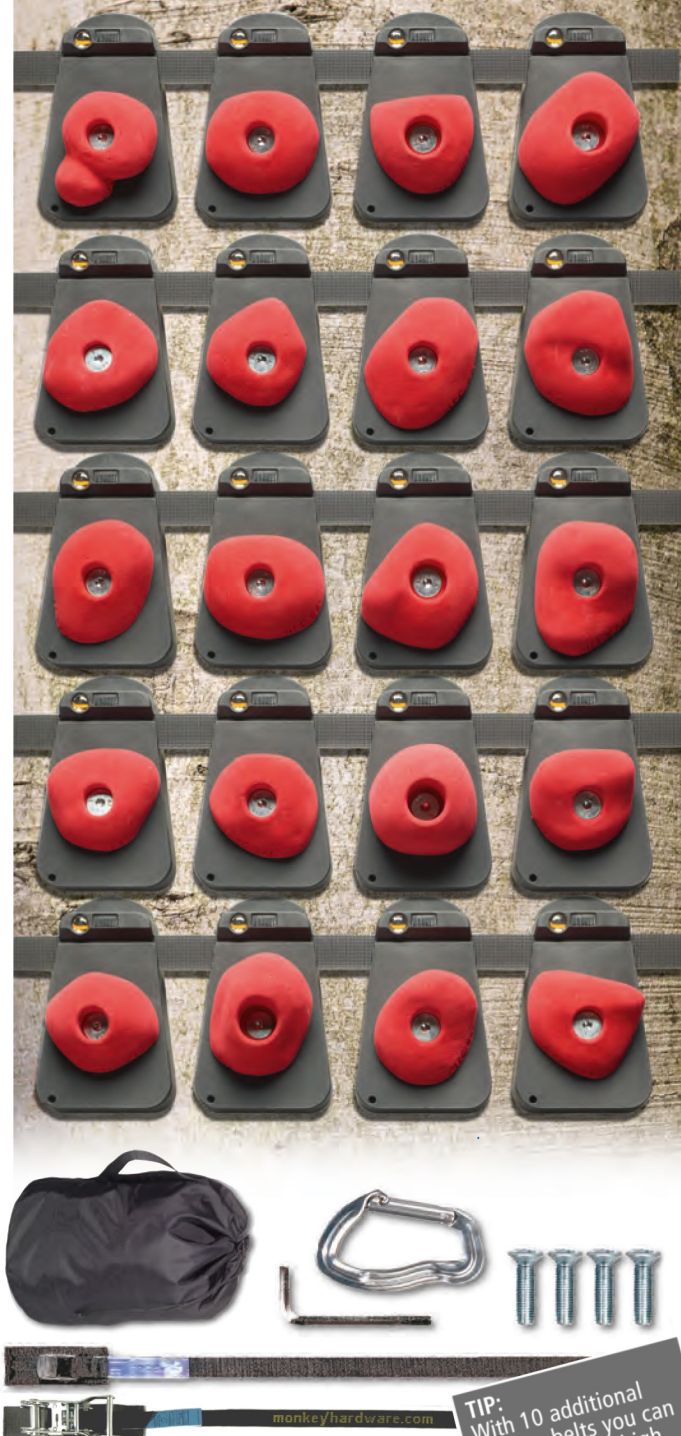
green

yellow

WELLNESS with Buckle
WELLNESS with Ratchet

2,2m or 3,2m
2,2m or 3,2m

RELAX



TIP:
With 10 additional
tension belts you can
climb twice as high.

Relax

Relax – just do it! Relaxing requires a little bit of effort. Mid-sized holds that never get unfair, featuring a great grip. Suited for everybody. Climbing height ca. 4 meters.

Content:

- 20 Monkeys (2 pcs. per belt)
- 10 Tension belts 2,2m or 3,2m
- 20 Holds Relax
- 20 Screws
- 1 Allen key 6mm
- 1 Carabiner
- 1 Carrying stuff sack

Holds/color per Set

red

blue

green

yellow

orange

tabac

RELAX with Buckle
RELAX with Ratchet

2,2m or 3,2m
2,2m or 3,2m

KINDERGARTEN



Kindergarten

Assorted to suit the needs of younger children. Big, colorful holds make climbing even more fun. Great for Kindergartens, or using it in your own garden. Of course, it can be used for experiential education, too.

Climbing height 1,8 meters.

Content:

- 13 Monkeys (2 pcs. per belt)
- 6 Tension belts 2,2m or 3,2m
- 10 Holds Kindergarten
- 10 Screws
- 1 Allen key 6mm
- 1 Carrying stuff sack

Holds/mixed colors

red

blue

green

purple

yellow



Zoo

This set will inspire kids as well. You just have to touch and climb the big and colorful animal-like holds! Great for Kindergartens, or using it in your own garden. Of course, it can be used for experiential education, too. Climbing height ca. 1,8 meters.

Content:

- 13 Monkeys (2 pcs. per belt)
- 6 Tension belts 2,2m or 3,2m
- 10 Holds Zoo
- 10 Screws
- 1 Allen key 6mm
- 1 Carrying stuff sack

Holds/mixed colors

red

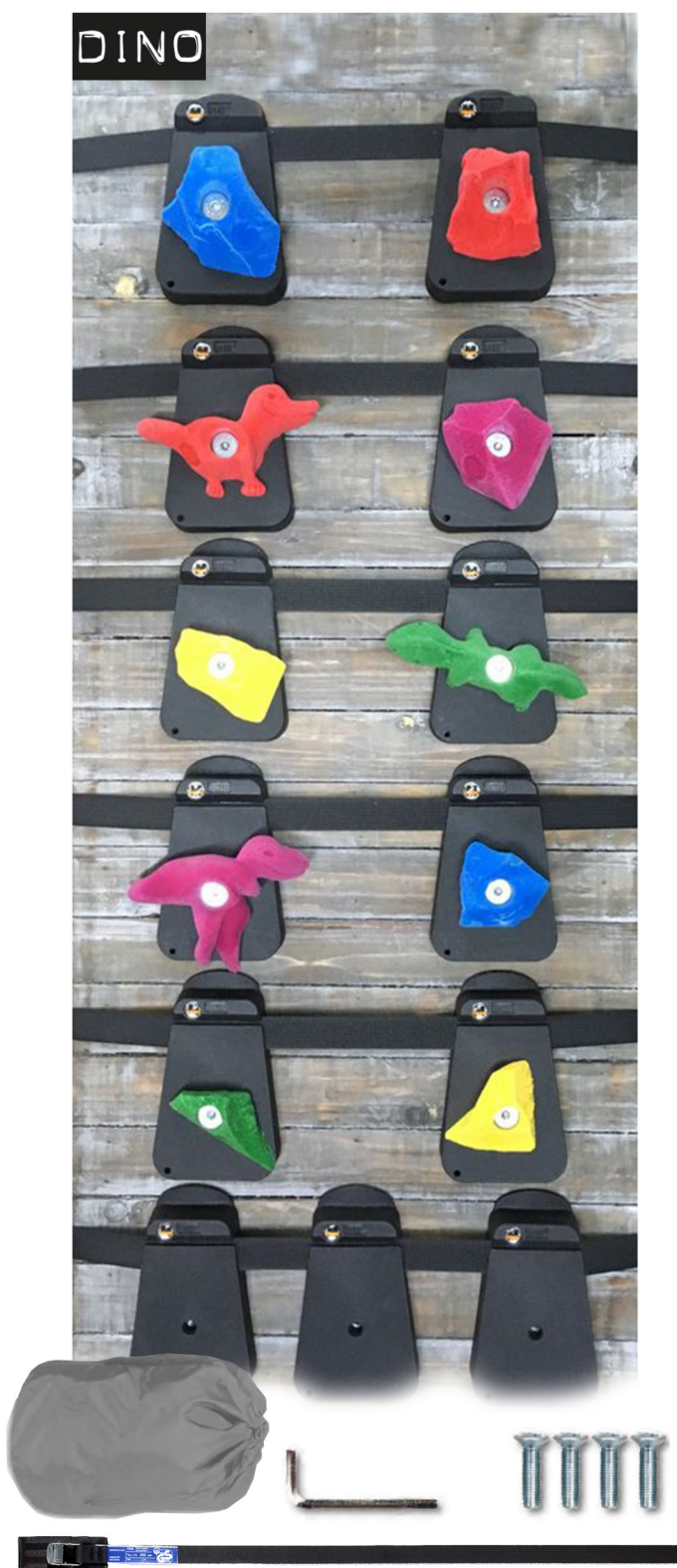
blue

green

purple

yellow

DINO



Dino

This set will inspire kids as well. You just have to touch and climb the big and colorful animal-like holds! Great for Kindergartens, or using it in your own garden. Of course it can be used for experiential education too.

Climbing height ca. 1,8 meters.

Content:

- 13 Monkeys (2pcs. per belt; 3 Monkeys for the lowest area without holds)
- 6 tension belts (GS mark, low extension special band with long life buckle)
- 10 Holds Dino
- 10 Screws, countersunk
- 1 Allen key 6mm
- 1 Carryind stuff sack
- 1 Instruction manual

Holds/mixed colors

red

blue

green

purple

yellow

SCHOOL



TIP:
With 10 additional
tension belts you can
climb twice as high.

School

The name stands for itself. Assorted for schools and experiential education, but of course it can be used in any other field, too. Mixed holds with a good grip that always serve you well. Climbing height ca. 3 meters.

Content:

- 14 Monkeys (2 pcs. per belt)
- 7 Tension belts 2,2m or 3,2m
- 14 Holds School
- 14 Screws
- 1 Allen key 6mm
- 1 Carabiner
- 1 Carrying stuff sack

Holds/color per Set

grey
red
blue
green
purple
yellow
bamboo
orange
tabac

SCHOOL with Buckle 2,2m or 3,2m
SCHOOL with Ratchet 2,2m or 3,2m

HIGH SCHOOL



TIP:
With 10 additional
tension belts you can
climb twice as high.

High-School

Climb higher with our set High-school. Designed for schools and educators, it can of course be used by everybody else, too. Big, comfortable holds give you a good feeling on your way up. Climbing height ca. 5 meters.

Content:

- 24 Monkeys (2 pcs. per belt)
- 12 Tension belts 2,2m or 3,2m
- 20 Holds High-school
- 20 Screws
- 1 Allen key 6mm
- 1 Carrying stuff sack

Holds/color per Set

grey
red
blue
green
purple
yellow
orange
tabac

HIGH-SCHOOL with Buckle 2,2m or 3,2m
HIGH-SCHOOL with Ratchet 2,2m or 3,2m





TIP: Upgrade with our sets MaxiCamp or Plus-Camp (will add a second hold to each tension belt).

Camp

Set up the camp and make your way up! Fantastic, mixed holds will lead you to the top. Boredom? No way! Suited for kids, beginners and experiential education.

Climbing height ca. 11 meters.

Content:

- 27 Monkeys
- 27 Tension belts 2,2m or 3,2m
- 25 Holds Camp
- 25 Screws
- 1 Allen key 6mm
- 1 Carrying stuff sack

Holds/color per Set

grey

red

blue

green

purple

yellow

bamboo

orange

tabac

CAMP with Buckle 2,2m or 3,2m
CAMP with Ratchet 2,2m or 3,2m

MAXI CAMP



MaxiCamp

Combine our sets MaxiCamp and Camp to add a second Monkey to the tension belts. This gives you more possibilities regarding routes and tasks. The MaxiCamp holds are challenging and let you set up more advanced routes.

Content:

- 25 Monkeys
- 25 Holds MaxiCamp
- 25 Screws
- 1 Carrying stuff sack

Holds/color per Set

grey
red
blue
green
purple
yellow

PLUSCAMP



PlusCamp

Combine our sets PlusCamp and Camp to add a second Monkey to the tension belts. This gives you more possibilities regarding routes and tasks. The PlusCamp holds have the same features as the Camp-set ones. Adding them creates a consistent route.

Content:

- 25 Monkeys
- 25 Holds PlusCamp
- 25 Screws
- 1 Carrying stuff sack

Holds/color per Set

grey
red
blue
green
purple
yellow
bamboo
orange
tabac

TREETOP



Treetop

Get ready you climbers and educators out there – here comes our set Treetop! Two sorts of holds grant variety and multi-purpose use. Set up one big tree with a climbing height of ca. 17 meters, or two trees of ca. 8 meters height each. It's your choice. Best suited for kids, beginners and experiential education.

Content:

- 42 Monkeys
- 42 Tension belts 2,2m or 3,2m
- 40 Holds
- 40 Screws
- 1 Allen key T-shape 6mm
- 2 Carrying stuff sacks

Holds/color per Set

grey

red

blue

green

purple

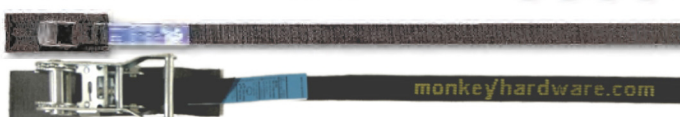
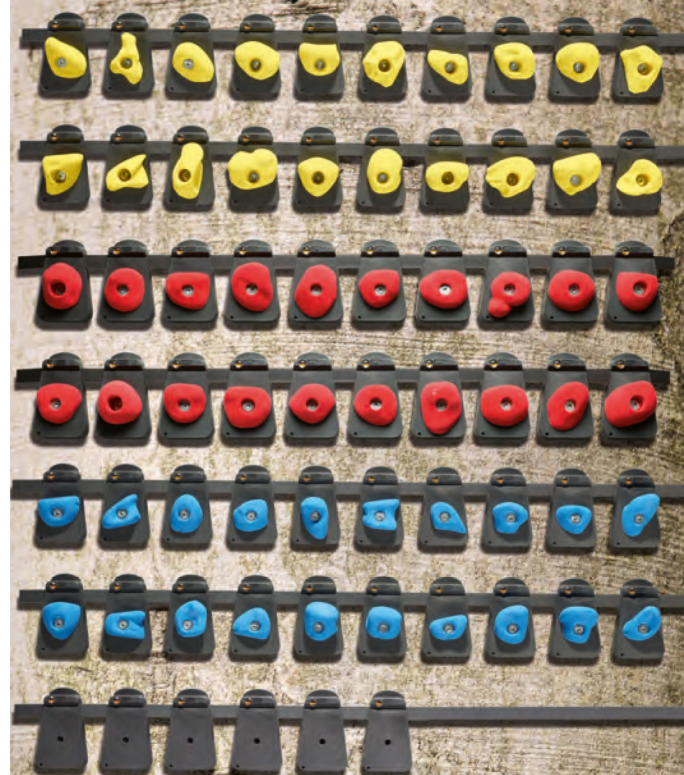
yellow

orange

TREETOP with Buckle 2,2m or 3,2m
TREETOP with Ratchet 2,2m or 3,2m



TEAM 3X9



Team 3x9

Set up three trees of 9 meters climbing height each. There you have your own little climbing-park! By using three difficulties, kids, beginners and advanced users will be happy.

Content:

- 66 Monkeys
- 66 Tension belts 2,2m or 3,2m
- 60 Holds
- 60 Screws
- 1 Allen key T-shape 6mm
- 3 Carrying stuff sacks

Holds/color per Set

grey

red

blue

green

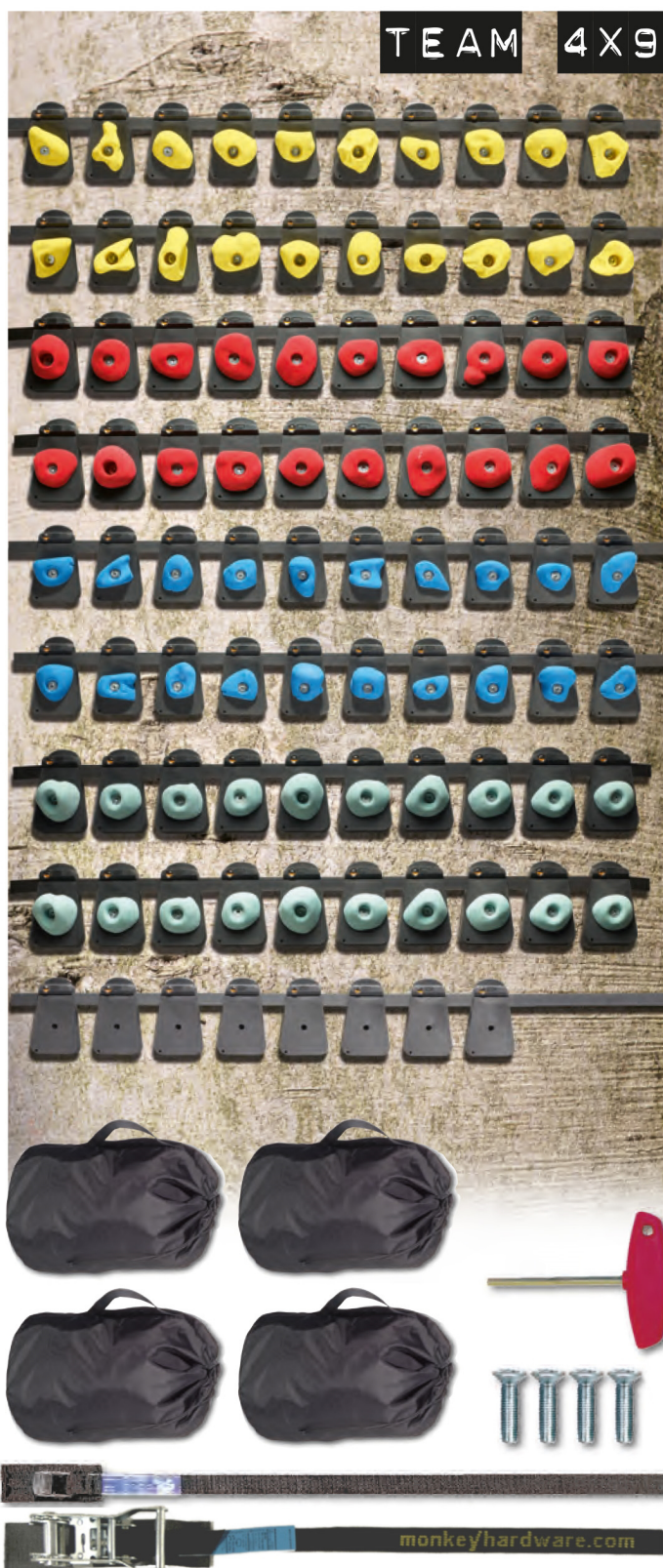
purple

yellow

orange

TEAM 3x9 with Buckle 2,2m or 3,2m
TEAM 3x9 with Ratchet 2,2m or 3,2m

TEAM 4X9



Team 4x9

Even more trees to climb on? Then set up four of 9 meters climbing height each with this set. Different difficulties make all users happy.

Content:

- 88 Monkeys
- 88 Tension belts 2,2m or 3,2m
- 80 Holds
- 80 Screws
- 1 Allen key T-shape 6mm
- 4 Carrying stuff sacks

Holds/color per Set

grey
red
blue
green
purple
yellow
orange

TEAM 4x9 with Buckle 2,2m or 3,2m
TEAM 4x9 with Ratchet 2,2m or 3,2m

STARTER KIT



Starter-Kit

Get an easy start into the route with the Starter-Kit. Two tension belts and four Monkeys serve as footholds on the lowest part of the tree, therefore you don't need climbing holds on it.

Content:

4 Monkeys (2 pcs. per belt)

2 Tension belts 2,2m, 3,2m or 3,5m

STARTER KIT with Buckle

2,2m or 3,2m

STARTER KIT with Ratchet

2,2m, 3,2m or 3,5m

GYM



Gym

This set lets you play on the trees. Also well suited for bouldering and as an addition to other sets. Because of the big, comfortable holds, it's great for kids, beginners and experiential education. Climbing height ca. 2 meters.

Content:

- 10 Monkeys (2 pcs. per belt)
- 5 Tension belts 2,2m or 3,2m
- 10 Holds Gym
- 10 Screws
- 1 Allen key 6mm
- 1 Carrying stuff sack

Holds/color per Set

grey
red
blue
green
purple
yellow
orange
tabac

GYM with Buckle 2,2m or 3,2m
GYM with Ratchet 2,2m or 3,2m

PERFECT



TIP:
With 10 additional
tension belts you can
climb twice as high.

Perfect

Treetooling

Set the foundation for your adventures with this set. Big holds with a comfortable big grip make this set ideal for kids, beginners and experiential education. Also suited for overhanging routes.

Climbing height ca. 4,8 meters.

Content:

- 24 Monkeys (2 pcs. per belt)
- 12 Tension belts 2.2m with steel ratchets and tree protection
- 10 Holds Mushroom (color available)
- 10 Holds IceRockers (color available)
- 20 Screws
- 1 Allen key T-Form 6mm
- 1 Carrying stuff sack

Tip: With Set Perfect Plus additional you can climb 6.8m.

Holds/color per Set
Mushroom IceRockers

red	green
orange	blue
brown	black
blue	red
	yellow

PERFECT with Buckle
PERFECT with Ratchet

2,2m or 3,2m
2,2m or 3,2m

FRANKEN-STEIN



TIP:
With 10 additional
tension belts you can
climb twice as high.

Franken-Stein

Treetooling

You want to go ice-climbing not limited to the winter time? With our new holds and our "Treetool" you can learn and practice drytooling. Overhangs recommended. But please don't hurt the trees! Of course the holds can be used for normal climbing too.

Climbing height ca. 4m.

Holds/color per Set

limestone

sandstone

mixed



- Content:**
- 20 Monkeys
 - 10 Tension belts (with tree protection)
 - 20 Holds Franken-Stein
 - 20 Screws, countersunk
 - 1 Allen key 6mm
 - 1 Carrying stuff sack
 - 1 Instruction manual

Featuring five different shapes, so that a variety of situations can be set up.

FRANKEN-STEIN with Buckle
FRANKEN-STEIN with Ratchet

2,2m or 3,2m
2,2m or 3,2m

MUSHROOM



TIP:
With 10 additional
tension belts you can
climb twice as high.

Mushroom

Treetooling

Is there anything more obvious than putting some mushroom on the trees? We don't think so! Our new holds feature nature like looks, great grip and are absolutely fantastic to climb and look at. Special feature: They are fit for treetooling with our tool! This will give you even more possibilities. Climbing height ca. 4 meters.

Content:

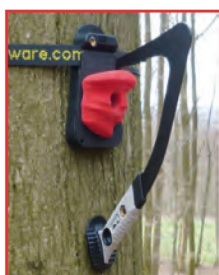
- 20 Monkeys (2 pcs. per belt)
- 10 Tension belts 2,2m or 3,2m
- 20 Holds Mushrooms
- 20 Screws
- 1 Allen key 6mm
- 1 Carabiner
- 1 Carrying stuff sack

Holds/color per Set

red

naturorange

naturebrown



MUSHROOM with Buckle 2,2m or 3,2m
MUSHROOM with Ratchet 2,2m or 3,2m

ROCK + ICE



Rock & Ice

Treetooling

You want to go ice-climbing, not limited to the winter time? With our new holds and our "Treetool" you can learn and practice drytooling. Featuring ideal placings for our newly developed Treetool. Overhangs recommended. Of course, the holds can be used for normal climbing, too. Climbing height ca. 8m.

Content:

- 20 Monkeys
- 20 Tension belts 2,2m or 3,2m
- 20 Holds Rock & Ice
- 20 Screws
- 1 Allen key 6mm
- 1 Carrying stuff sack

Holds/color per Set

ice blue

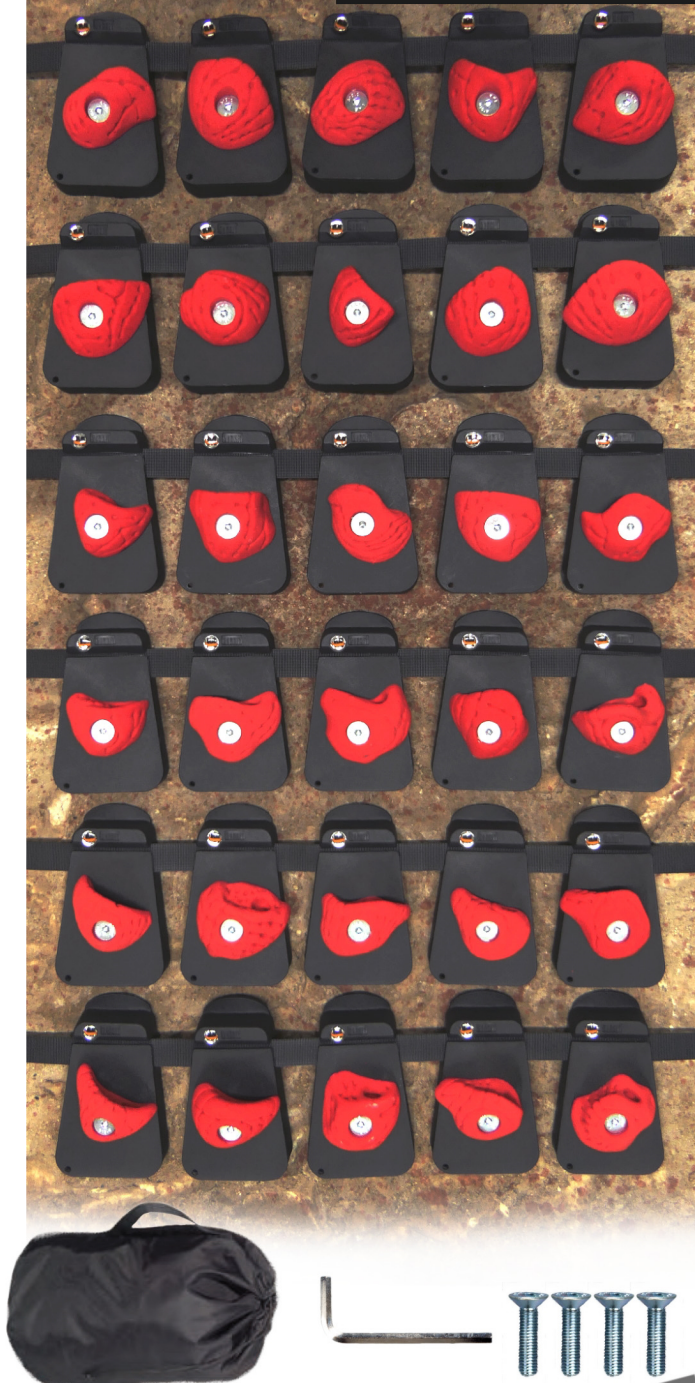
orange

bamboo

ROCK & ICE with Buckle
ROCK & ICE with Ratchet

2,2m or 3,2m
2,2m or 3,2m

ICE ROCKERS



TIP:
With 15 additional
tension belts you can
climb twice as high.

IceRockers

Treetooling

Looking for a challenge? Our set IceRockers will serve you well! Small holds, yet with a good grip will appeal the advanced.

Climbing height ca. 6 meters.

Content:

- 30 Monkeys (2 pcs. per belt)
- 15 Tension belts
- 30 Holds IceRockers (opt. for Treetooling)
- 30 Screws, countersunk
- 1 Allen key
- 1 Carabiner
- 1 Carrying stuff sack
- 1 Instruction manual

Holds/color per Set



ICEROCKERS with Buckle
ICEROCKERS with Ratchet

2,2m or 3,2m
2,2m or 3,2m

Rock & Ice



TreeTool

Because of the unique form, it perfectly fits all of our treetooling holds (Mushroom and Rock&Ice). Any damage to the trees is avoided.
color: black

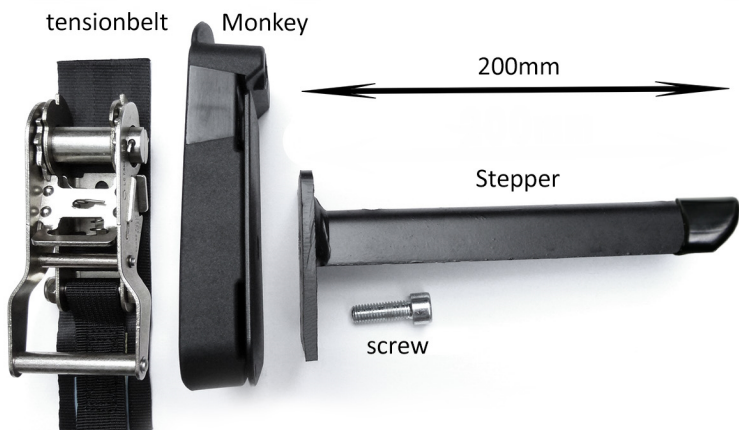




STEP PERS

Easy to reach the treetop!

Perfect pose with enough tread surface for both feet.
Very useful in tree care.



OrangUtan

It's time to introduce the perfect backpack for our Monkey-System. With the "OrangUtan" we managed to fulfill all the needs and wishes of our customers. Details, size, design – it's all there! In collaboration with renowned German manufacturer Tatonka, we can guarantee best materials and quality.

It is designed to carry 40 complete Monkeys. You can take along a rope and a helmet in the adjustable front compartment. Carabiners, runners etc. can be hung onto the gear loops.

Before setting up the Monkeys just remove the top. The big opening gives you a good overview over the stowed climbing holds. Zip on the removable flap on the back to protect the back from dirt. Now just clip a carabiner to the upper handle and start setting up the trees.

The "OrangUtan" can be used as a carrying case too. Even on the beach it won't let you down.

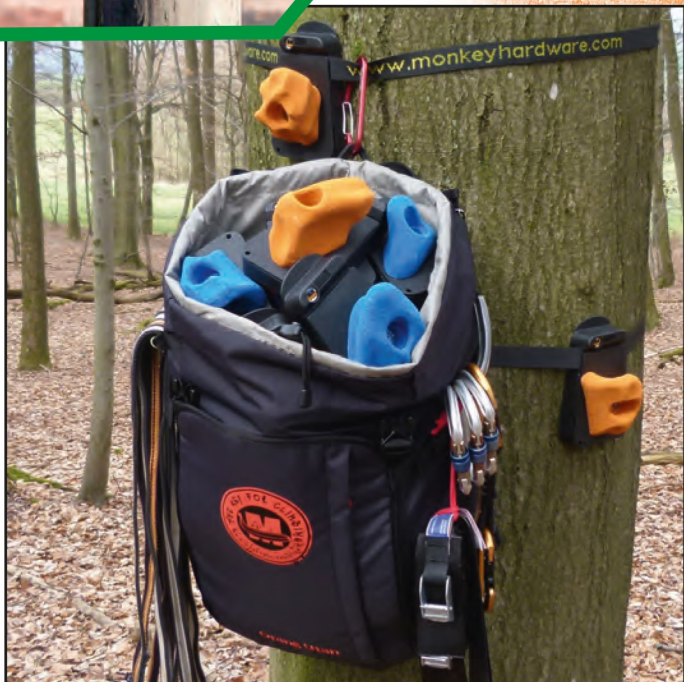
Features:

- adjustable, padded shoulder straps with load control straps
- chest strap with alarm whistle
- splash guard
- adjustable and removable top
- suspension system with removable cover (to avoid dirt)
- useable as carrying case
- handle on the side
- gear loops
- flap for rope and helmet
- hydration system compatible
- weight: 950g
- dimensions: 85 x 32 x 25cm
- volume: 44-55l
- fabric: N.420 HD Cross
- color: black/orange





Must-have!





Our holds

We solely use holds of well known manufacturers. Their experience ensures high quality!

All of our holds are TÜV certified and comply with various norms (eg. DIN EN 12572-3; EN 1176.1). They are shatter proof, so that injuries by falling parts can be avoided.

Our holds are made of polyurethane and polyester, which are premium quality, non-toxic materials. Well suited for children.

Choosing our holds, we pay attention to an ergonomic fit. Because of their excellent features, best grip and low risk of injury due to overwork are granted.

The sizes of the holds specifically match our Monkeys. Hereby the risk of injuries caused by distant parts or sharp edges is minimized.

By using standardized length of screws, easy assembling without causing harm to the trees is guaranteed. No excess length on the back of the Monkey that could damage the bark. In addition, sufficient fixedness and therefore highest safety is assured.

Disclaimer:

By using climbing holds of other manufacturers, our product liability expires.

color pattern:

grey
red
blue
iceblue
green
purple
yellow
bamboo
orange
brown
naturorange
sandstone
limestone



How to set up the Monkeys easily!

1. Choose a tree, prepare the Monkeys and tension belts...



2. Put the tension belt around the tree and tighten it (not too tight)...



3. Put the Monkey behind the belt from the bottom and connect it...



4. Tighten the tension belt...



5. Connect and belay your ascend...



6. Set up more Monkeys and enjoy climbing.

You can find a video how-to on our home-page that shows the easiest way of setting up the Monkeys and explains what else to consider.





1. Upper, redundant belay with emergency rope
2. Belaying with semi-automatic device
3. Tread
4. Toprope anchor
5. Toprope anchor with emergency rope
6. Entry-system in hinged position
7. Opened entry-system
8. Automatic belay device Toppas



MONKEY® instruction manual and tips

(Please read carefully before use)

In order to have fun climbing, bouldering, training or having adventures with the Monkeys, we compiled several tips. Your creativity should certainly be accentuated and referring to that, we appreciate every advice you give us that improves the fun factor.

Preparation:

The best way is to prepare the Monkeys at home in advance. The hold has to be placed in a way that guarantees maximum grip. Leaning a bit to the right is optimal (2 o'clock on a watch).

Choose a tree:

Make sure it is permitted to climb on the tree. In case the owner is anonymous, the forestry office will help. The thickest trees likely are the strongest. Beginners should preferably choose straight trees with few branches. If you can embrace the tree, you can apply the tension belts quickly. Remove all the items that might endanger your health. Consider that close-by trees may cause injuries.

Attach the tension belts:

Attach the belt, so that the buckle is pointing your way. This way, you can lean into it with your body to pull the belt tight later. If the belt can be pulled about 5cm from the bark in one position, it is attached correctly. Do not put more tension on the belt!

On our Homepage you can find a video how-to that shows the easiest way of setting up the Monkeys and explains what else to consider.

Attach the Monkeys:

Grab the Monkeys on the lower part and position it right behind the towed belt, so you can put the belt in the therefore designed slot. Carefully regard that the belt slides into the kerf. We recommend 1-2 Monkeys for each belt. After you attached the Monkeys, you position them in the desired way and frap the belt with full strength. Use your body as described. You can choose the gap between the several belts individually, but it is recommended to install them in between 35-55 cm (14-20 inches) depending on your body size and the desired difficulty. In case you placed the Monkeys on specific places like slick bark (and the like) and the belt does not guarantee the desired foothold, you can add a second belt on the lower part of the Monkeys. If the belt is not long enough to completely circle the trunk, you can either connect two belts or chose a longer one.

Footholds:

Do not use the upper part of the hold for your feet, but the tread of the Monkeys. This way, you can keep the holds free from dirt. You should use the less important holds on the bottom or even use Monkeys without holds. Wear sturdy shoes with a good edge strength! Check our shop for the most adequate.

Below 3m (10 feet):

After you have fixed the first tension belt with the Monkeys in breast height, you need to help yourself with a trick.

If you stay below 3m (10feet), it suffices to just put a tension belt around your waist and use the provided carabiner to connect it with a tension belt that is already attached to the tree. This way you climb up the Monkeys until you can connect with the highest tension belt nearby the Monkey. Now you can act freely again, Add the next tension belt to the tree. After you have installed your complete equipment, you can start bouldering without any rope. To lower the danger of injury at a jump off, we explicitly point out that you should use a good and appropriate drop-absorbing mat (crashpad).



Above 3m (10 feet):

From this point on, the sports climbing principles obtain and the safety regulations have to be kept! Fitting harnesses, certified carabiners, ropes and helmets provide the basis for your and your partner's safety! You have to secure your ascent with a runner on top of the route (use screw-lock carabiners for top-roping).

For the easy, functional setup of a tree, we recommend using our especially developed Monkey-backpack, the "OrangUtan" (p.30-31). Therein, the Monkeys, allen-key, slings etc. are arranged. On the outside, carabiners, eventually a saw and the like can be attached to the gear loops. Hang the backpack on the highest tension belt, because it is easier and more comfortable to pick the holds from there. For security reasons, secure it with a second carabiner and cord. One carabiner always has to stay closed while ascending, so the bag can't fall down and cause harm to others (via ferrata principle)!

We attach the unrolled tension belts with a cow hitch and another carabiner to the "OrangUtan".

Following issues are of particular importance!

The use of Monkeys is a variety of rock climbing and should only be performed by skilled persons or with an instructor.

Without additional, climbing-specific protection, the use of Monkeys is permitted only up to a height of 3m (10 feet).

A crashpad (drop-absorbing mat) should always be used to avoid potential injuries.

Climbing equipment is subject to abrasion and should be checked permanently and renewed, if necessary.

Above 3m (10 feet): Concerning belaying, rappelling etc., the common rules of rock climbing obtain.

While dismounting the Monkeys, you should secure the tension belt before disengaging the clasp. In fact, the Monkeys feature a slip-guard that however might be overstrained under unfavorable circumstances (heavy holds, sudden releasing). While dismounting, nobody should remain in adjacency of the tree. A helmet is recommended!

For the visual protection of your Monkeys and your holds, it is recommended to wrap them individually after use.

We cannot be held liable at all for accidents which occur by the use of Monkeys.

Have fun and enjoy the use of your own Monkeys!

For more useful information, please visit our Homepage

www.monkeyhardware.com



Calculate how high you can set up a MONKEY®-set

Example: I'm interested in the Monkey-Set "Basic".
How high can I get with it?

1. Define the gap in between the tension belts

- For children, the ideal gap in between the single tension belts is ca. 30-35cm.
- For adults, a gap of ca. 40-50cm is recommended.

2. Check the content of the Set

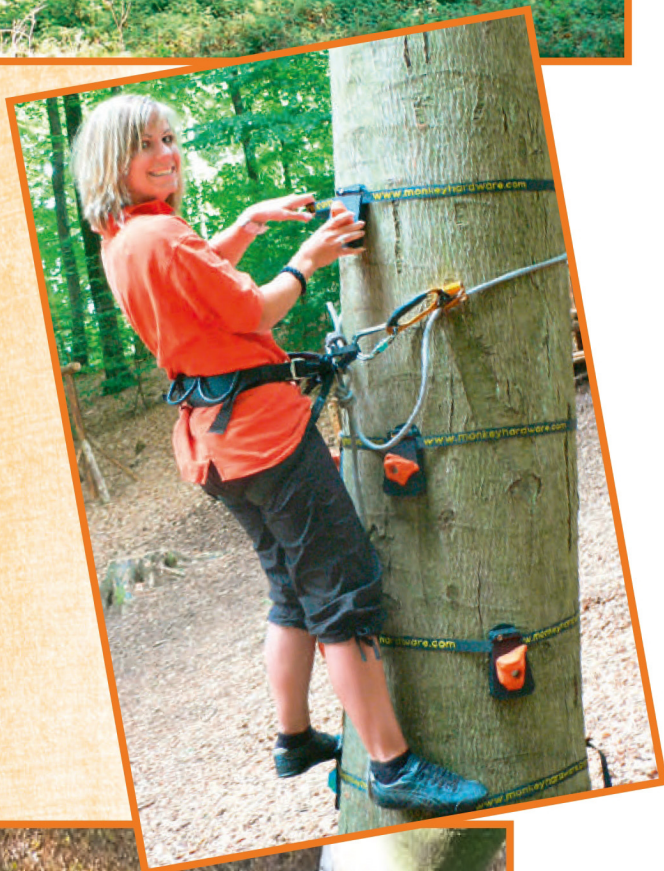
- The height you can reach is defined by the quantity of tension belts included in a set.
- Set Basic includes 10 tension belts.
- With 10 tension belts you can reach a height of ca. 4 meters ($10 \times 0,4\text{m} = 4\text{m}$).

3. How to get higher?

There are several possibilities:

- With one of our Starter-sets you get ca. 80cm higher. The Starter-set includes 2 tension belts and 4 Monkeys. Those are used as footholds to start into the route, therefore you don't need holds on it.
- You can simply increase the gap in between the tension belts. The climbing will be more difficult then.
- More tension belts, Monkeys and holds can be added according to your wishes.
- In order to have fun, you don't have to climb high. You can set up the Monkeys around the lower parts of a tree, so that you can "boulder" (climbing in low heights) on it. We strongly recommend using a drop-absorbing mat ("crashpad") to avoid injuries.







MONKEYS® in Nature – Rules and Tips:

To guaranty harmonic co-existence of humans, animals and plants and to avoid unnecessary limitation of climbing, you should follow some important rules:

- Respect parking prohibitions and only park on designated parking areas.
- Use marked trails whenever possible to preserve plants. Respect private property.
- Take home all your litter. Do not leave cigarette butts in the woods.
- Avoid noise (screaming, radio) that could disturb other humans and animals.
- Only climb on adequate trees. Make sure you do not hurt the tree. Do not cut off limbs.
- Do not climb trees that have nests in them. Disturbing birds while they are breeding may cause them to leave their offspring.
- If a tree has too many limbs, or you are not quite sure if it's stable enough to climb, find a better one to avoid any risk.
- Natural phenomenon cause changes on the trees. Avoid climbing those you are not absolutely confident about.

Following issues are of particular importance:

- The use of Monkeys is a variety of rock climbing and should only be performed by skilled persons or with an instructor.
- Without additional climbing-specific protection the use of Monkeys is permitted up to a height of 3m (10 feet).
- A crashpad (drop-absorbing mat) should always be used to avoid potential injuries.
- Climbing equipment is subject to abrasion and should be checked permanently and renewed, if necessary.
- **Above 3m height, the rules and standards of sports-climbing apply.**

Have fun and enjoy your own Monkeys!

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Overview				
Article No.	Monkey- Sets	Version	Monkeys	Holds
1101221	Basic 2,2m	Buckle	20	20
1101222		Ratchet	20	20
1101321	Basic 3,2m	Buckle	20	20
1101322		Ratchet	20	20
1416221	Wellness 2,2m	Buckle	20	20
1416222		Ratchet	20	20
1416321	Wellness 3,2m	Buckle	20	20
1416322		Ratchet	20	20
1102221	Relax 2,2m	Buckle	20	20
1102222		Ratchet	20	20
1102221	Relax 3,2m	Buckle	20	20
1102222		Ratchet	20	20
1204221	Stone Pulse 2,2m	Buckle	30	30
1204222		Ratchet	30	30
1204321	Stone Pulse 3,2m	Buckle	30	30
1204322		Ratchet	30	30
1406221	Kindergarten 2,2m	Buckle	13	10
1406321	Kindergarten 3,2m	Buckle	13	10
1407221	Zoo 2,2m	Buckle	13	10
1407321	Zoo 3,2m	Buckle	13	10
1408221	School 2,2m	Buckle	14	14
1408222		Ratchet	14	14
1408321	School 3,2m	Buckle	14	14
1408322		Ratchet	14	14
1409221	High School 2,2m	Buckle	24	20
1409222		Ratchet	24	20
1409321	High School 3,2m	Buckle	24	20
1409322		Ratchet	24	20
1410221	Camp 2,2m	Buckle	27	25
1410222		Ratchet	27	25
1410321	Camp 3,2m	Buckle	27	25
1410322		Ratchet	27	25
1411000	MaxiCamp	without	25	25
1412000	PlusCamp	without	25	25
1413221	TreeTop 2,2m	Buckle	42	40
1413222		Ratchet	42	40
1413321	TreeTop 3,2m	Buckle	42	40
1413322		Ratchet	42	40
1414221	Team 3x9 2,2m	Buckle	66	60
1414222		Ratchet	66	60
1414321	Team 3x9 3,2m	Buckle	66	60
1414322		Ratchet	66	60
1415221	Team 4x9 2,2m	Buckle	88	80
1415222		Ratchet	88	80
1415321	Team 4x9 3,2m	Buckle	88	80
1415322		Ratchet	88	80
1102201	Starter Kit 2,2 m	Buckle	4	
1102202		Ratchet	4	
1103201	Starter Kit 3,2 m	Buckle	4	
1103202		Ratchet	4	
1103501	Starter Kit 3,5 m	Ratchet	4	
1105221	Gym 2,2m	Buckle	10	10
1105222		Ratchet	10	10
1105321	Gym 3,2m	Buckle	10	10
1105322		Ratchet	10	10
1417221	Mushroom 2,2 m	Buckle	20	20
1417221		Ratchet	20	20
1417321	Mushroom 3,2 m	Buckle	20	20
1417321		Ratchet	20	20
1520221	Rock & Ice 2,2 m	Buckle	20	20
1520222		Ratchet	20	20
1520321	Rock & Ice 3,2 m	Buckle	20	20
1520322		Ratchet	20	20
1104221	Perfect 2,2 m	Buckle	24	20
1104222		Ratchet	24	20
1104321	Perfect 3,2 m	Buckle	24	20
1104322		Ratchet	24	20
1530221	Franken-Stein 2,2 m	Buckle	24	20
1530222		Ratchet	24	20
1530321	Franken-Stein 3,2 m	Buckle	24	20
1530322		Ratchet	24	20

Belt Buckle	Belt Ratchet	Screws	Carrying stuff sack	Carabiner	Allen key	Allen key T-Shape	Utilization
10		20	1	1	1		B
	10	20	1	1	1		B
10		20	1	1	1		B
	10	20	1	1			B
10		20	1	1	1		B
	10	20	1	1	1		B
10		20	1	1	1		B
	10	20	1	1	1		B
10		20	1	1	1		B
	10	20	1	1	1		B
10		20	1	1	1		B
	10	20	1	1	1		B
15		30	1	1	1		B
	15	30	1	1	1		B
15		30	1	1	1		B
	15	30	1	1	1		B
6		10	1		1		B
6		10	1		1		B
6		10	1		1		B
6		10	1		1		B
7		14	1	1	1		B
	7	14	1	1	1		B
7		14	1	1	1		B
	7	14	1	1	1		B
12		20	1		1		B
	12	20	1		1		B
12		20	1		1		B
	12	20	1		1		B
27		25	1		1		A
	27	25	1		1		A
27		25	1		1		A
	27	25	1		1		A
		25	1				B
		25	1				B
42		40	2			1	A
	42	40	2			1	A
42		40	2			1	A
	42	40	2			1	A
66		60	3			1	A
	66	60	3			1	A
66		60	3			1	A
	66	60	3			1	A
88		80	4			1	A
	88	80	4			1	A
88		80	4			1	A
	88	80	4			1	A
2							
	2						
2							
	2						
5		10	1		1		B
	5	10	1		1		B
5		10	1		1		B
	5	10	1		1		B
10		20	1	1	1		B
	10	20	1	1	1		B
10		20	1	1	1		B
	10	20	1	1	1		B
20		20	1		1		A
	20	20	1		1		A
20		20	1		1		A
	20	20	1		1		A
12		20	1		1		B
	12	20	1		1		B
12		20	1		1		B
	12	20	1		1		B
12		20	1		1		B
	12	20	1		1		B
12		20	1		1		B
	12	20	1		1		B



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