

OR1 Bolting Kit

P01

\$169.00

- ✓ New from On Rope 1, Inc. a complete bolting kit ready to go.
- ✓ This kit includes:
 - ◆ 1 - Petzl Tamtam (P16)
 - ◆ 1 - Petzl Perfo Spe (P08)
 - ◆ 1 - OR1 Blow Tube (41106)
 - ◆ 1 - Cold Chisel (22504)
 - ◆ 5 - Petzl Vrillee (P13)
 - ◆ 10 - Petzl Cheville Autoforuse (P12)
 - ◆ 1 - Kong Fifi Hook (803.1)
 - ◆ 1 - OR1 Bolting Bag (F99)

Bolting is for the serious caver. Before bolting any area, one should have proper training. This catalog is for reference and purchasing only. It is not a training manual.



Petzl Rocpecker

P26

\$59.95

- ✓ A drill for SDS (slotted drive shaft) bits. (Bits sold separately.)
- ✓ Changing bits is easy and requires no extra tools.
- ✓ It allows holes of different depths to be drilled for placement of all types of anchors.



Fixe Hand Drill

FX371

\$37.50

- ✓ A drill for SDS (slotted drive shaft) bits. (Bits sold separately.)
- ✓ It allows holes of different depths to be drilled for placement of all types of anchors.
- ✓ Uses a 5/32" allen wrench.



SDS Drill Bits

- ✓ These SDS (slotted drive shaft) bits fit securely into either the Petzl Rocpecker or Fixe Hand Drill shown here. Fits any SDS power drill also.



Petzl Rocpec ADP

P26250

\$19.95

- ✓ Adapts SDS hand drills, such as the Petzl Rocpecker or Fixe Hand Drill above, to a self-drill.
- ✓ For use with Petzl Cheville Autoforeuse self-drill anchors.
- ✓ A simple, lightweight way to place self-drills and use SDS bits with one hand drill.



Item	Description	Price
FXS079	Fixe 10mm	\$11.60
P26210	Petzl 10mm	\$39.95
FXS078	Fixe 12mm	\$19.00
P26212	Petzl 12mm	\$42.95
FXS802	Fixe 5/16"	\$10.50
FXS803	Fixe 3/8"	\$10.50

Petzl Perfo Spe

P08

\$29.95

- ✓ A caving model of the Perfo Pro, this drill is fitted with a pivoting handle to act as a lever to rotate while drilling and unscrew from the anchor after drilling.
- ✓ Compact drilling of 10mm holes for 8mm hangers.



Bolting Bags

F99 (OR1)

\$32.00

FX479 (Fixe)

\$27.50

C11 (Petzl)

\$49.95

- ✓ For keeping all anchor-placing equipment together.
- ✓ These durable bolt bags are made of strong PVC material, with 3 different compartments.
- ✓ The OR1 bag, shown here, has two full-length inner compartments and extra outer pockets. 1.5"



Petzl Tamtam

P16

\$54.95

- ✓ A well designed and balanced bolt hammer for placing anchors manually with a drill.
- ✓ The handle has a 13mm socket for placement and removal of 8mm bolts (self-drills).



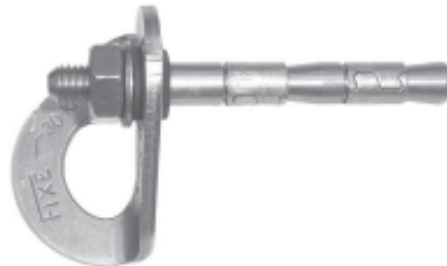
Petzl Coeur Goujon

- P32 (10mm) \$8.95
 P33 (12mm) \$11.95
- ✓ This stainless steel anchor system is totally corrosion free.
 - ✓ Rated at 25kN shear, 18kN pull out.
 - ✓ The hanger is rated at 25kN.
 - ✓ Available in 2 sizes: 10mm and 12mm.



Fixe Bolt & Hanger

- FX043038 (3/8") \$8.25
- ✓ Totally corrosion free stainless steel.
 - ✓ Designed for climbing, this double wedge bolt is rated at 25kN shear and an incredible 24kN pull out!
 - ✓ The hanger is rated at 30kN.



Petzl Long Life

- P38 \$10.95
- ✓ This stainless steel 12mm expansion bolt cannot be removed once in place.
 - ✓ A hammer drill makes placement easy but a hand drill using a P12 will work also.
 - ✓ Rated at 25kN shear, 18kN pull out.



Fixe Bolt Hangers

- FX038 (10mm hole) \$2.65
 FX038-12 (12mm hole) \$2.65
- ✓ A multi-directional stainless steel hanger that can handle up to 2 carabiners.
 - ✓ UIAA rated to 30kN.
 - ✓ Three small dimples keep the hanger from rotating.



Petzl Coeur

- P34050 (10mm hole) \$2.95
 P38150 (12mm hole) \$2.95
- ✓ A multi-directional stainless steel hanger.
 - ✓ Rated at 25kN.



Petzl Vrillee

- P13 \$4.95
- ✓ This popular caving anchor holds the carabiner or Maillon Rapide parallel to the rock face.
 - ✓ Made of an aluminum alloy with 8mm diameter screw threads.
 - ✓ Rated at 15kN.



Petzl Coudee

- P04 \$4.95
- ✓ Lighter than most hangers, the Coudee holds the carabiner or Maillon Rapide perpendicular to the rock face.
 - ✓ Made of an aluminum alloy with 8mm diameter screw threads.
 - ✓ Rated at 18kN.



Fixe Wedge Bolts

- FX043 \$5.60
- ✓ These double wedge stainless steel bolts are the strongest available.
 - ✓ Designed for climbers and cavers who need a light-weight and dependable anchoring stud.
 - ✓ 3/8" diameter by 3.75" long.
 - ✓ Supplied with a stainless A2 quality nut, washer and o-ring to seal the hole inlet.
 - ✓ Rated to 25kN shear and 24kN pull out.



Cheville Autoforeuse

- P12 (bit & cone) \$2.95
 P04100 (bolt & o-ring) \$1.90
- ✓ This hardened steel self-drill anchor is the "drill bit" which serves as both the sharpened drill and the threaded unit that secures the bolt.
 - ✓ For use with the Petzl Perfo Spe (P08).
 - ✓ Requires 8mm SS bolt & washer (P04100).
 - ✓ Bolt is 8x50mm, Grade 5.



Petzl Skyhooks

P06 - Goutte d'Eau \$17.95
P06S - Reglette \$17.95

- ✓ The Goutte d'Eau is a wide-radius hook for aid climbing.
- ✓ Suitable for hooking on a variety of rock features including larger edges and water pockets.
- ✓ The Reglette is the little brother of the Goutte d'eau, with a narrower hook radius and smaller contact point. For purchase on small flakes and edges.



OR1 Blow Tube

41106 \$0.60

- ✓ This vinyl blow tube is perfect for cleaning the hole while drilling.
- ✓ The outside diameter is 1/4" and the tube is 2 ft. long.



Cold Chisel

22504 \$4.50

- ✓ 1/2" cold chisel.
- ✓ Needed for cleaning semi-softened surface rock prior to drilling.



Kong Frog

KNGFRG \$25.00

- ✓ A quick connector that automatically locks.
- ✓ Made as a quick draw, it is also great for clipping into bolts, makes rebelays an easy task and can be adapted to the short end of a cow's tail.
- ✓ Used primarily for aid climbing a fixed route.



Kong Fifi

803.1 \$6.50

- ✓ A Fifi hook allows the bolter to attach high on the wall in a favorable position, ready to place the next bolt.
- ✓ Drop forged and durable.



OR1 Micro-Shaving Kit

What is Micro-Shaving?

Micro-shaving is the process of removing manageable chunks of rock in a controlled manner. Just drill a small hole into the rock, drop in our power load, insert our micro-shaving rod (with supplied dust shield) and strike - instant rock removal! Complete instructions and a quick reference card are included.

Who uses Micro-Shaving?

Our Micro-Shaving kits are in use by Search & Rescue teams, Commercial Cave owners (for trail modification), Geologists, Excavators, Contractors, and Caving Expeditions.

Is it safe to use and do I need a license?

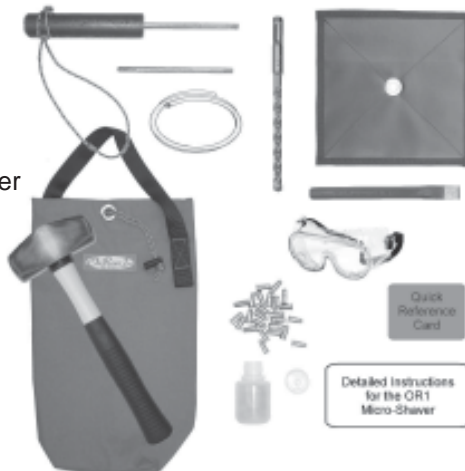
When used properly, our micro-shaver is extremely safe. The power loads are available from On Rope 1 and commercial supply houses all over the USA, and do not require a special license.

Safe, effective, controlled removal of rock can be in your hands!

The OR1 Micro-Shaving Kit includes the following:

- ✓ Micro-shaving detonator with lanyard
- ✓ Spare firing pin (Grade 8 steel)
- ✓ Chisel to remove loose rock
- ✓ 5/16" x 6" SDS bit - fits any SDS power drill, Petzl Rocpecker (P26), or the Fixe hand drill (FX371)
- ✓ Blow tube to clear dust
- ✓ Safety pad
- ✓ 25 power loads in a waterproof bottle
- ✓ Safety goggles
- ✓ 3 lb. Drilling hammer
- ✓ Quick reference card
- ✓ Detailed instructions
- ✓ Cordura cinch bag (LRGB)

MSKIT - All items shown below.



Item	Description	Price
MSKIT	includes everything shown at left	\$80.00
MSASSY	Micro-Shaving Rod Assembly	\$34.00
MSROD	Replacement Rod	\$5.00
FXS802	5/16" x 6" SDS Drill Bit	\$10.00
MSPL25	25 Power Loads in a Waterproof Bottle	\$4.75
MSPL50	50 Power Loads in a Waterproof Bottle	\$9.00
22504	1/2" Cold Chisel	\$4.50
MSSG	Safety Goggles	\$3.00
MSSP	8" Safety Pad	\$5.00
MSDH	3lb. Drilling Hammer	\$12.00
MSRH	1.5lb. Rock Hammer with Chisel Edge	\$33.50
41106	OR1 Blow Tube	\$0.60
MSBAG	Cordura Cinch Bag	\$5.00
MSIN	Instructions and Quick Reference Card	\$3.00

A 1.5 lb. rock hammer with a chisel edge cleans rock and mud out of your way.



Notice: Due to airline restrictions, power loads must be shipped via Ground Service.