

## **BMC Better Bolts Campaign 2008-9**

### **Donation Bolts**

Bolts for the 2008-9 bidding process are made up of unclaimed bolts from 2007, and newly purchased bolts from 2008. To help you choose, read this quick guide:

### **Petzl P32 10mm Expansion Bolts**



If you've sport climbed abroad, you've probably seen a few of these before. Quick and easy to place, they are limited to use on hard/medium rock. Although they are made from AISI316 for corrosion resistance, the basic design is not really ideal for use on sea cliffs. If used to make up belays, maillons will have to be added.

Drill: 10mm bit  
Ideal for: Granite, hard limestone  
Not for: Soft sandstone, sea cliffs  
No. available: 480

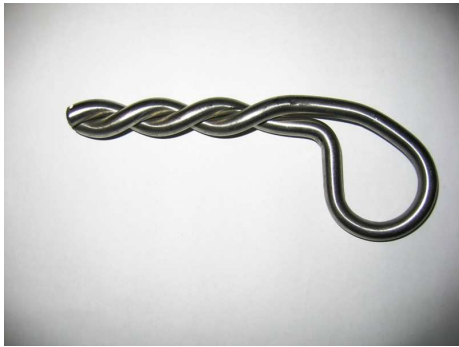
### **Fixe F14 Resin Bolts**



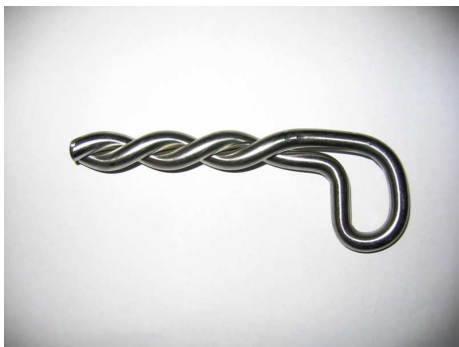
A small number of these are available. Compared to the other resin bolts, they need a much smaller hole, which saves time and battery power. The manufacturer recommends using Hilti HIT HY150 resin, which isn't cheap and needs a special dispenser. The weld means that they aren't suitable for sea cliff use, but they would be ideal for inland crags where rock quality isn't great.

Drill: 12mm bit  
Ideal for: Medium limestone and sandstone  
Not for: Sea cliffs  
No. available: 40

### **Bolt Products Belay/Pro Bolts**



The belay bolts simply have a larger eye, allowing rope and karabiners to be clipped at the same time. These bolts are incredibly strong, and use a fairly cheap glue. The main downside is the size of the hole needed will slow you down and eat battery. The design is very good for preventing corrosion, and the basic version in AISI304 is a good all purpose bolt for most applications.



Drill: 17mm bit  
Ideal for: All but the softest rock types  
Not for: Sea cliffs  
No. available: 270 Pro, 86 Belay

### **Bolt Products Sea Water Belay/Pro Bolts**



Almost the same as the standard Bolt Products design, except in a special grade of highly corrosion resistant stainless steel. For sea cliff use, these really are the business.

Drill: 17mm bit  
Ideal for: Sea cliffs, soft rock  
Not for: Too good to waste elsewhere!  
No. available: 200 Pro, 96 Belay



Some glue cartridges will be available to go with the Bolt Products bolts.