

INCIDENT-REPORT

WARNING: Tying lanyards with the Barrel knot?

If you are using the Barrel knot to tie your own lanyards, you should be aware. The barrel knot can by mistake be tied as a "trick knot", that will look perfectly normal and safe, but which will hold absolutely nothing. This could happen, if you by mistake tie the knot with the "wrong" (long) end of the lanyard-rope.

This is particularly tricky and thus potentially dangerous, as it is extremely difficult to spot the false knot. You will thus probably not notice it, until you load the lanyard.

This is a particularly dangerous setup. Lanyards are often used to connect rope access workers to their back-up devices, but it may often be days and even weeks, before they might actually load their back-up device - only to discover that it will not hold. This has has been seen to happen several times.

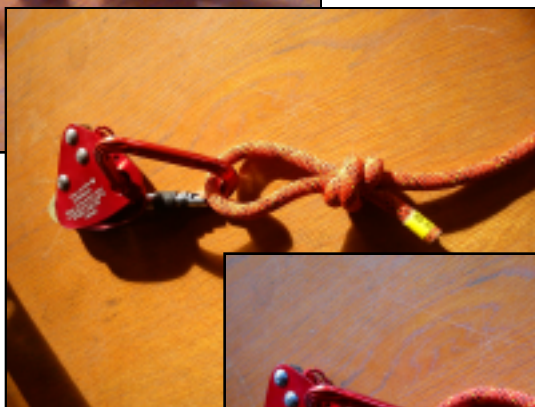
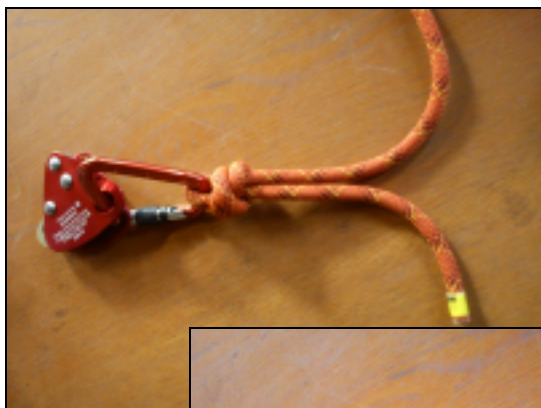
Advice:

Always load your back-up device with body-weight directly after the knot has been made.

Also load your back-up device, before you start working.

Apart from thus ensuring that the knot is correctly tied, it will also help in tightening correctly tied knots.

- The pictures below shows what happens, if the Barrel knot is tied the wrong way around.



Feel free to inquire, if you have further questions...
Sincerely

Christian Almer



Scan-Rope

Utbildningscenter, Sverige:

Kontorsvägen 5, 26039 Hasslarp

Tel, Denmark: (+45) 56-95 12 21

Tel, Sweden: (+46) - 0320-560 60

info@scanrope.eu

www.scanrope.eu