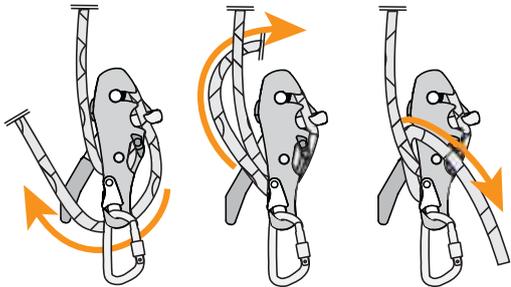




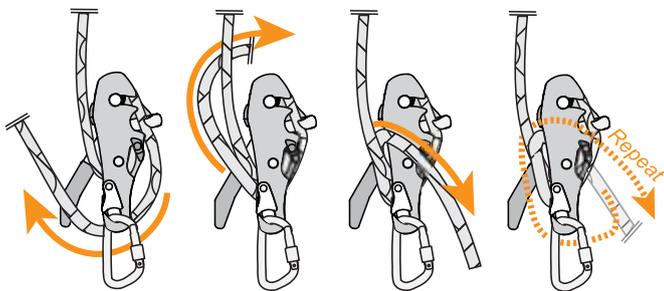
## Technical Information Note Using the Prism & Quantum

### Locking off the Prism

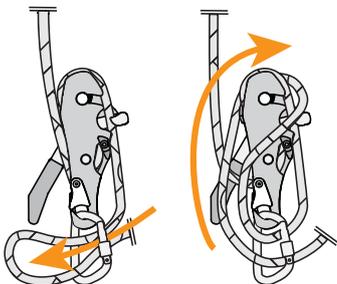
Soft lock - permissible for short periods while fully suspended



Full lock - "double soft lock"



Full lock



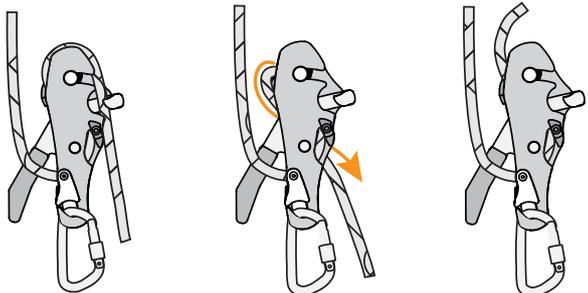
Check connector gate is fully done up

### Variable Friction Modes

Normal friction

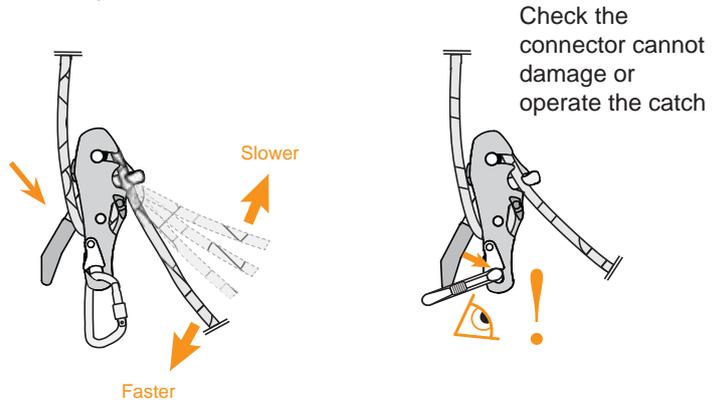
Variable reduced Friction

Paying in/out

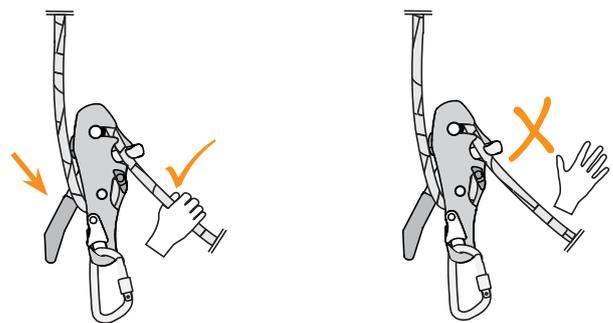


### The Prism in Use

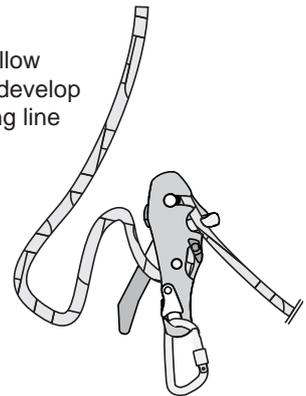
Controlling descent speed



Always hold the tail rope



Do not allow slack to develop in working line



### Key to symbols



Correct practice



Incorrect practice

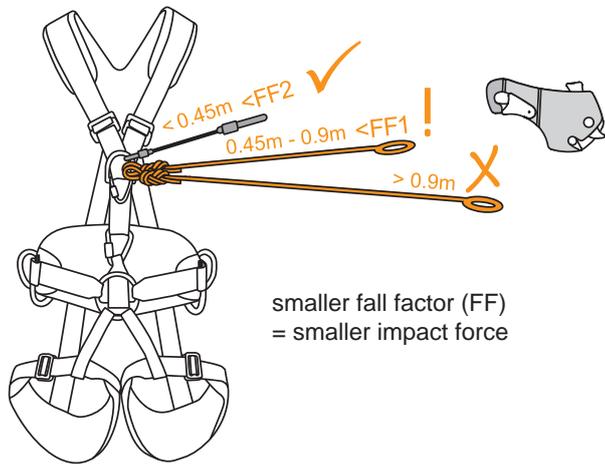


Take extra care

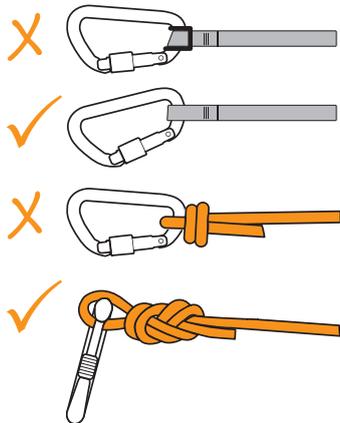
# Technical Information Note Using the Prism and Quantum

## Attaching the Quantum

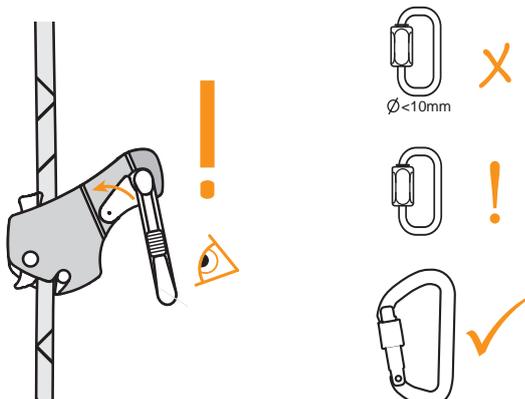
Lanyard (cowstail) length



Ensure connector is free to move

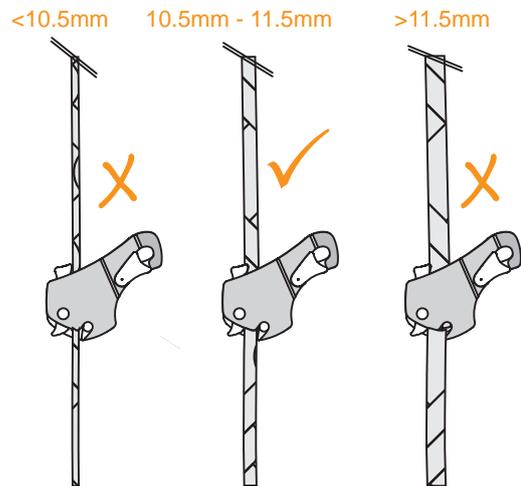


Check the connector cannot damage or operate the catch

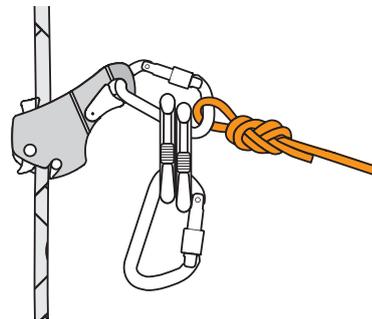


## The Quantum in Use

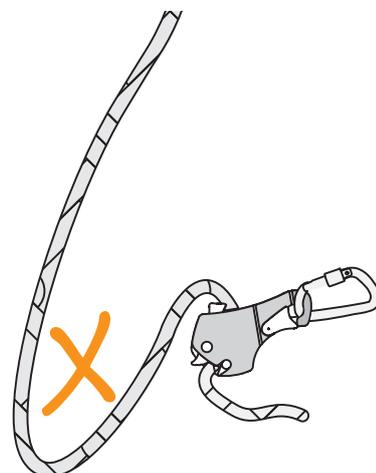
Rope size



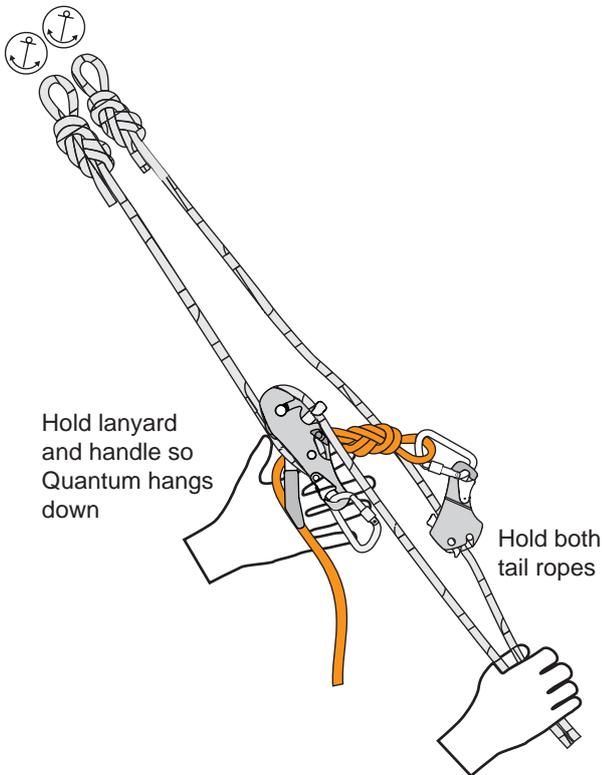
To assist parking on a loaded rope, add karabiners. Quantum can still be moved by lanyard



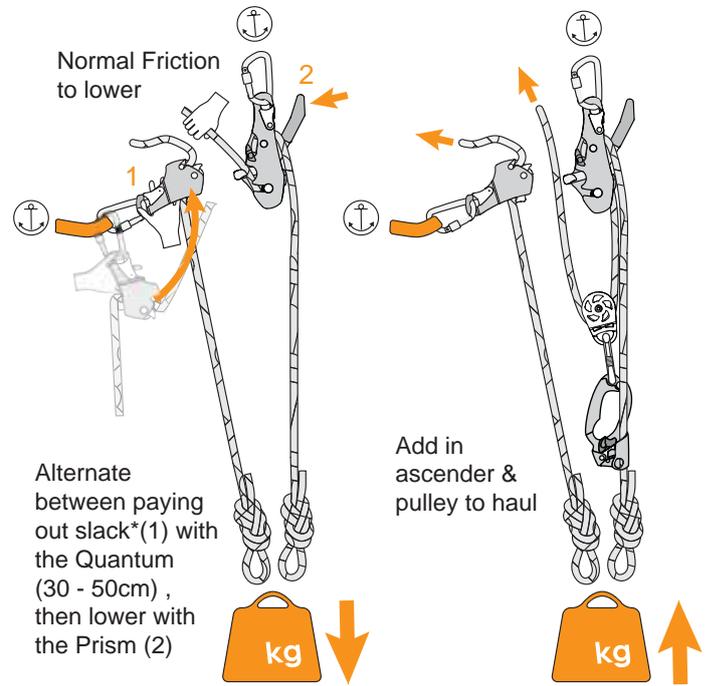
Do not allow slack to develop in back-up line



Descending Down a Slope



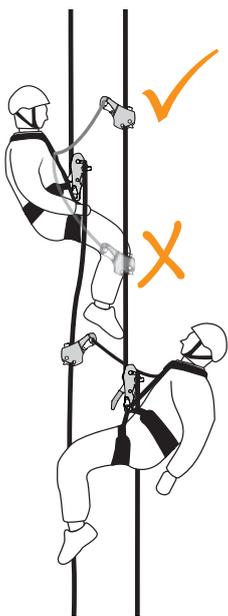
Hauling/Rescue System



\*lift from underneath - do not grip

Rescue from Casualty's Ropes

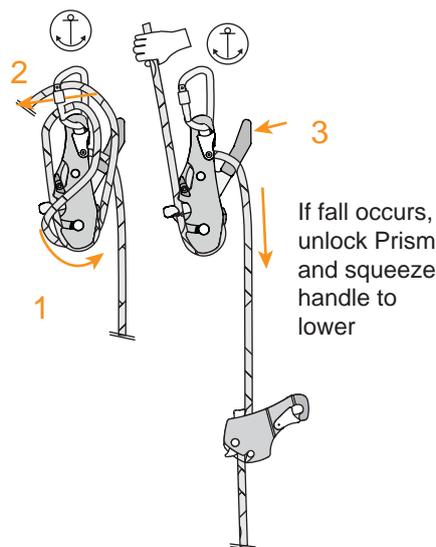
On tensioned ropes slippage and impact forces will be higher - keep device as high as possible.



If ascending to the casualty, be aware that the casualty's fall distance will be higher - especially if their Quantum is in fall factor 2

Rigging for Rescue

Prism must be fully locked off when not lowering



Tensioned Line

