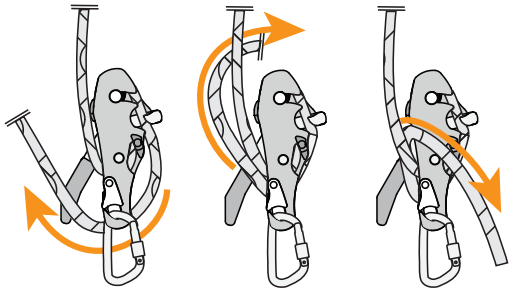




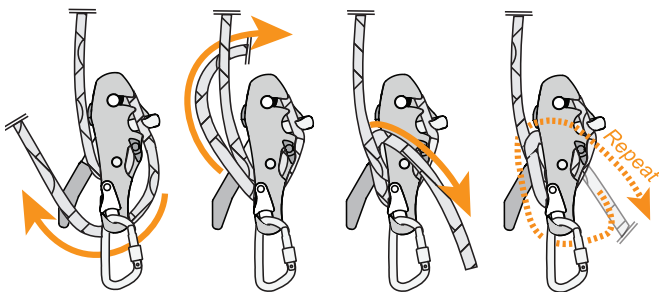
Technical Information Note Using the Prism & Quantum

Locking off the Prism

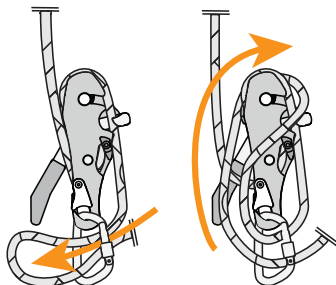
Soft lock - permissible for short periods while fully suspended



Full lock - "double soft lock"



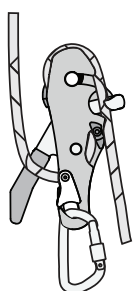
Full lock



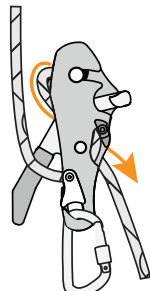
Check connector gate is fully done up

Variable Friction Modes

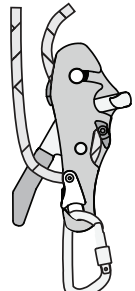
Normal friction



Variable reduced Friction

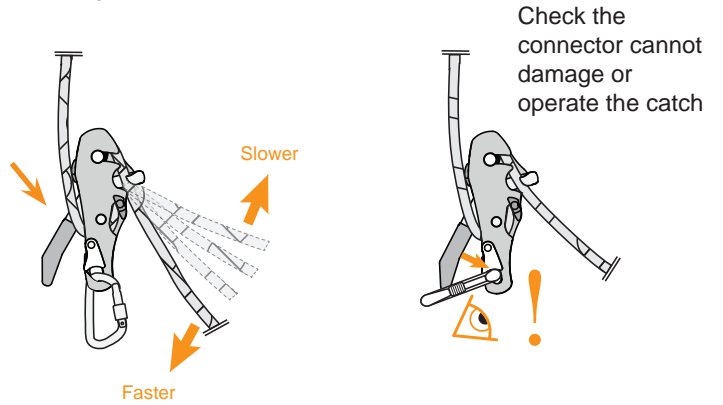


Paying in/out

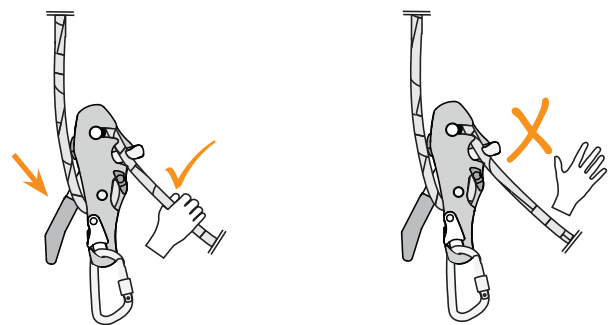


The Prism in Use

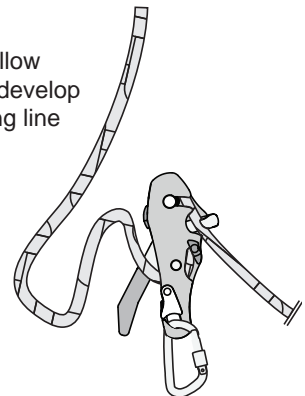
Controlling descent speed



Always hold the tail rope



Do not allow slack to develop in working line



Key to symbols



Correct practice



Incorrect practice

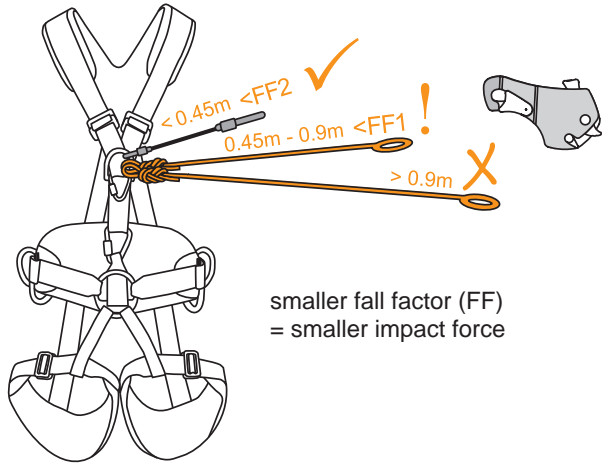


Take extra care

Technical Information Note Using the Prism and Quantum

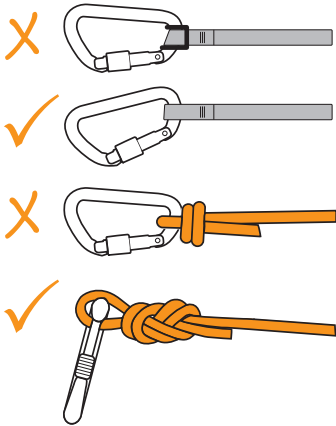
Attaching the Quantum

Lanyard (cowstail) length

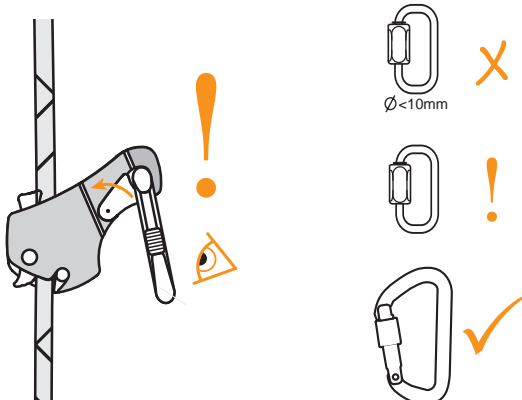


smaller fall factor (FF)
= smaller impact force

Ensure connector is free to move

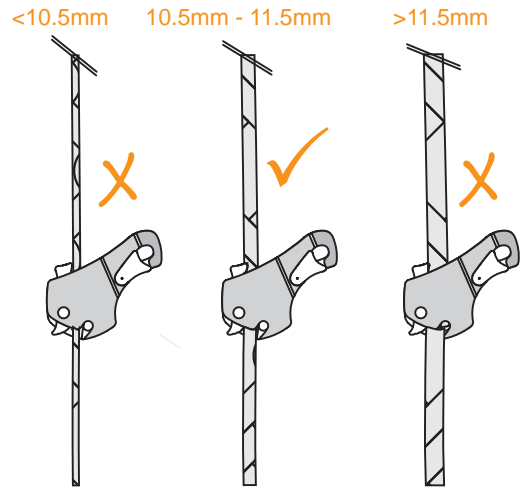


Check the connector cannot damage
or operate the catch

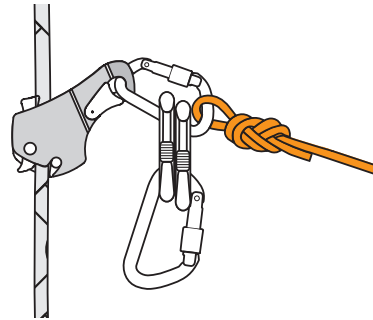


The Quantum in Use

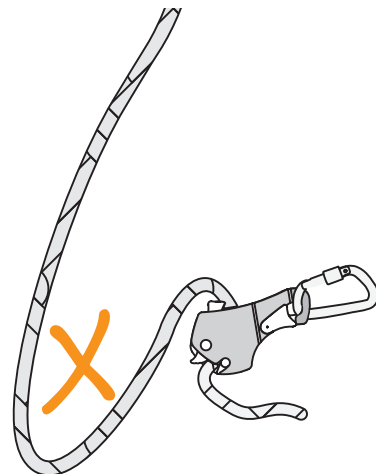
Rope size



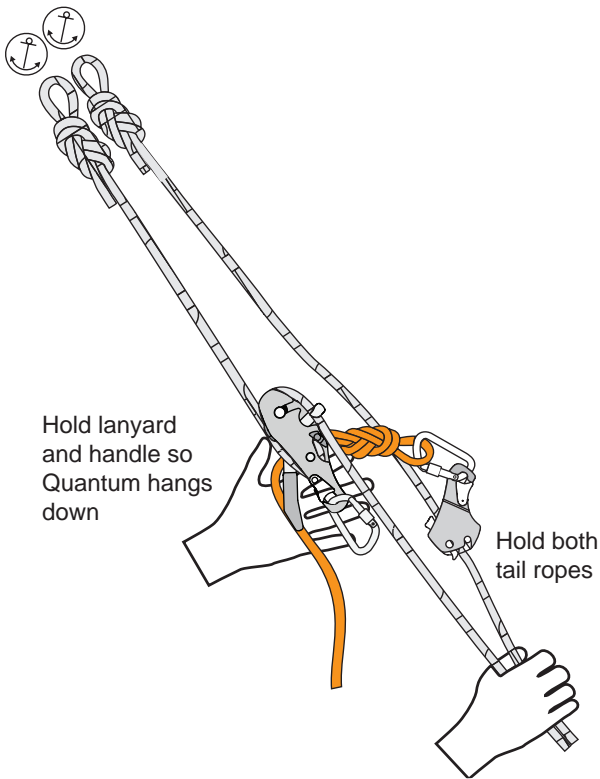
To assist parking on a loaded rope, add karabiners.
Quantum can still be moved by lanyard



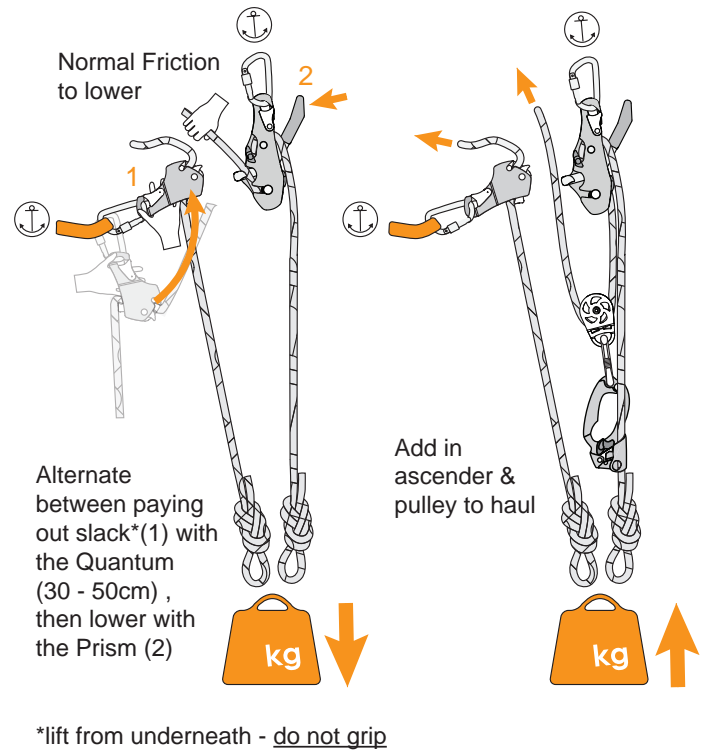
Do not allow slack to develop in back-up line



Descending Down a Slope

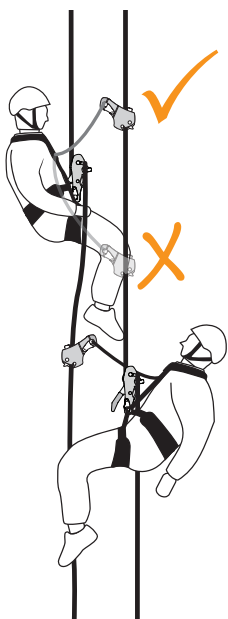


Hauling/Rescue System



Rescue from Casualty's Ropes

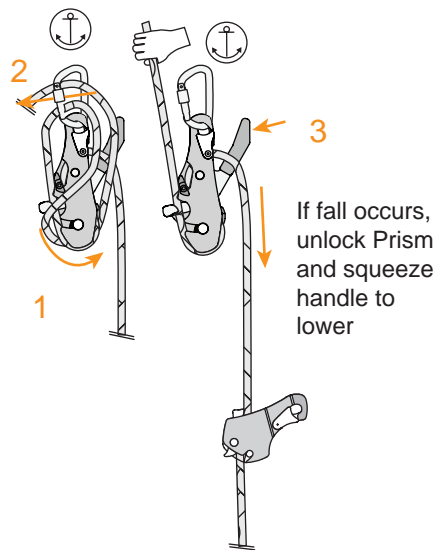
On tensioned ropes slippage and impact forces will be higher - keep device as high as possible.



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

