

This information must be read and kept in conjunction with dynamic rope User Instructions supplied with these cow's tails.

The rope User Instructions contain details regarding certification of the rope.

Use

This dynamic rope is for creating anchor lanyards ("cow's tails") for attachment of the user's harness attachment point to an anchor within a rope access system or, where authorised by the device manufacturer, a device within a rope access system (device lanyard). Check with the harness manufacturer which attachment points are authorised for use with cow's tails. This dynamic rope must not be used to create a fall arrest lanyard in conjunction with an energy absorber.

Before use, check your country's legal requirements as to whether it is permitted to use a knot-terminated rope as a lanyard.

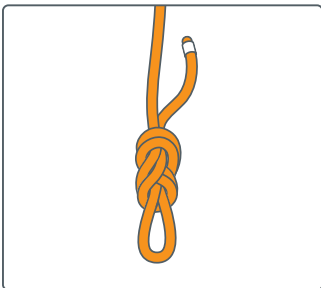
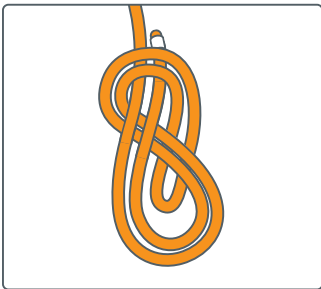
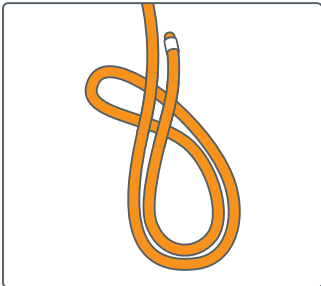
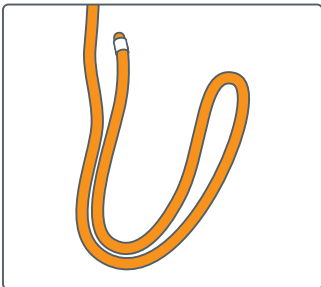
Creating a cow's tail

The knots used must be appropriate for constructing a lanyard of this type, and should also have a minimum static strength, when correctly tied, of 15 kN.

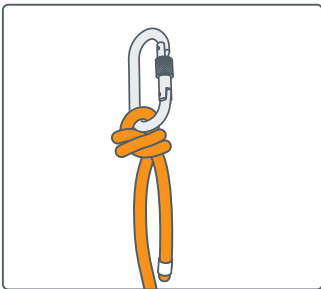
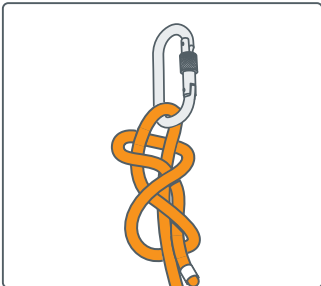
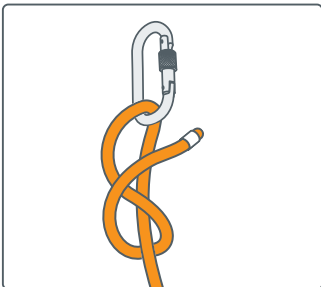
Tests have indicated that a Figure of Eight knot gives a minimum static strength exceeding 15 kN when tied in this dynamic rope.

Other knots may give enhanced energy absorption e.g. barrel knot, but may not meet the 15 kN strength.

Examples of knots
Figure of Eight knot

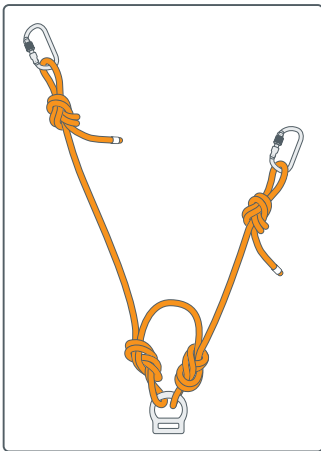
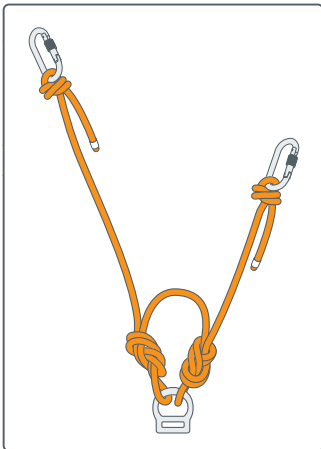


Barrel knot



Only trained and competent persons should tie knots in this dynamic rope to create cow's tails. Otherwise, consider a pre-manufactured lanyard conforming to EN 354 or EN 358.

Examples of cow's tail configurations.



When tying this cow's tail, consider the length required to achieve the correct positioning for the work task, and the need to reach the end connector(s). It is essential that the user can reach the end connector when the cow's tail is under load.

Use suitable locking connectors to EN 362. Preload (set) the knots by hand whilst on the ground in a safe environment.

Using a cow's tail

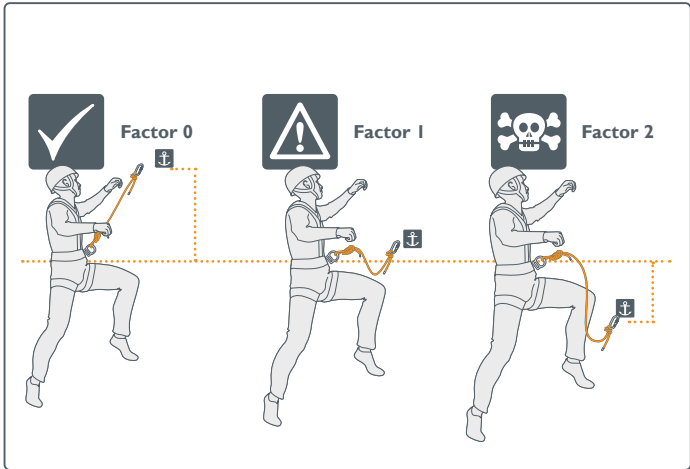
Always connect to an unquestionably reliable anchor point.

The user should minimise the slack in the system at all times.

To minimise any fall potential and to assist in a rescue, it is important that the length of the cow's tails are kept as short as possible and within the user's reach (this varies from person to person).

By keeping cow's tails as short as possible this helps to minimise the potential for high impact forces in any potential fall.

Check knots during use to ensure they remain secure.



Inspection

Cow's tails may be subject to intense use. They must be withdrawn from use as soon as any damage, or significant wear, is apparent.

Undo all knots before carrying out inspections in accordance with the rope user instructions.

It is good practice to re-tie, dress and set (i.e. hand tighten) knots periodically as part of the inspection process.

End of document