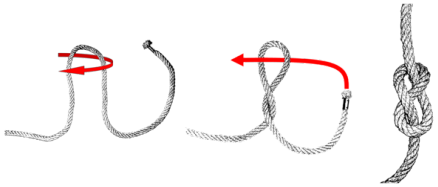


ERSTELLT VON jsschinznach

ON 11.12.2011

★ ★ ★ ★ ★ Keine Stimmen

Achterknoten



Der Achterknoten (oft nur "Achter" genannt) ist einer der meistbenutzten und wichtigsten Knoten in der Seiltechnik. Die verschiedenen Formen werden in diesem Artikel vorgestellt.

Der Achterknoten zeichnet sich dadurch aus, dass er auch nach grossen Belastungen einfach zu lösen ist und als sehr sicher gilt. Es muss immer darauf geachtet werden, dass hinter dem Achterknoten immer genug Seilabschnitt vorhanden ist (min. 10x Seildurchmesser).

Figure-8 Knot

Simple Figure-8

This is the basic version of the figure-eight knot.

Usage**:**

- To secure the end of a rope after tying a knot (e.g., after a clove hitch or a bowline), so that the rope cannot be pulled back.

Double Figure-Eight

The double figure-eight is tied the same way as the single figure-eight, with the difference that two ropes are used.

Application:

- Joining two ropes (Caution: Do not use this in place of the spire knot or fisherman’s knot!)

Figure-8 Loop

Tied like the double figure-eight knot, with the difference that instead of two ropes, the same rope is doubled to form a loop.

Applications**:**

- For safety reasons, the tied figure-eight knot is used almost exclusively.

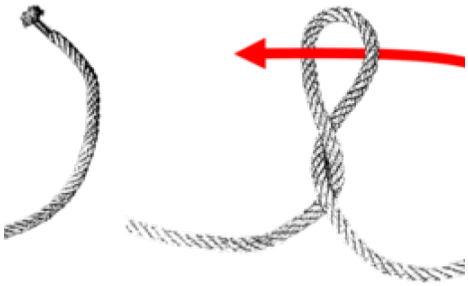
Looped figure-eight

The rope is looped back using a loose, simple figure-eight knot to form a loop. Care must be taken to ensure there is sufficient rope length available. The result is identical to the figure-eight loop. However, the looped figure-eight holds more securely, which is why it is usually used.

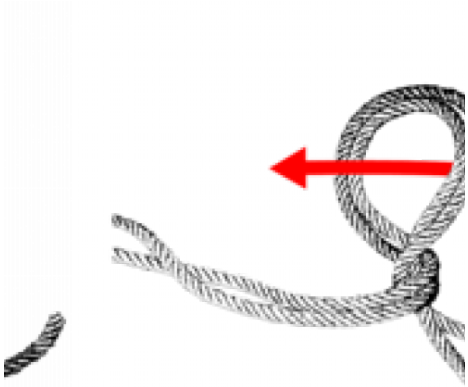
Application:

- Attaching a climbing harness to the rope, e.g., when climbing or rappelling. Caution: A carabiner should always be used between the climbing harness and the rope.
- Fixed Loop Around Poles/Trees

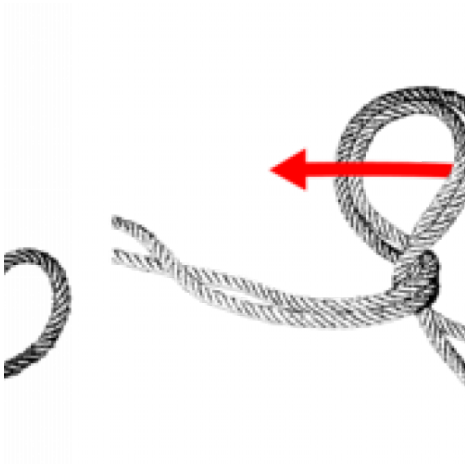
Single Eight



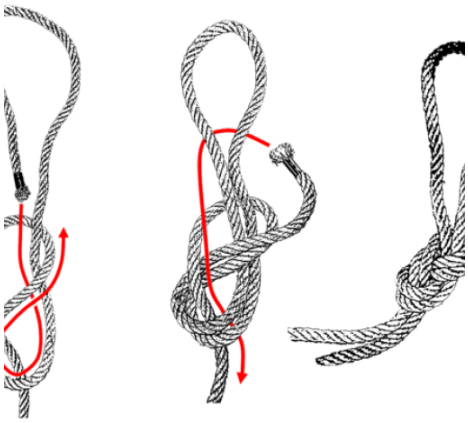
Double Eight



Rear Loop



Stitched Rear Loop



Learning Aid

There’s a simple mnemonic to help teach children how to tie a figure-eight knot.

The end of the rope is the “frog” that’s going on a trip.

- The frog jumps across the street. (Place the end of the rope over the rope.)
- The frog burrows under the street. (Pull the end of the rope under the rope.)
- Then the frog jumps into its pond. (Pull the end of the rope through the loop that has formed.)
- Now the frog is happily back home. (The knot is finished.)

To make the “story” more vivid, the end of the rope can be colored green.

Acknowledgments

- Cover image / graphics: Courtesy of the Schinznach Youth Group / Manuel Meier

Weitere Informationen

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