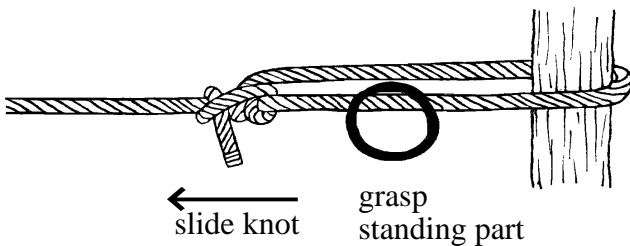


TAUT-LINE HITCH:

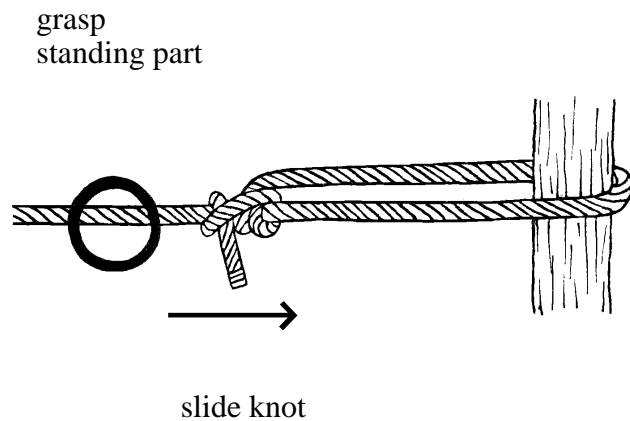
Description — Two half hitches with an extra turn.

Use — To adjust the tension on guy lines.

Comments — The tension is adjusted by sliding the knot along the standing part of the rope.



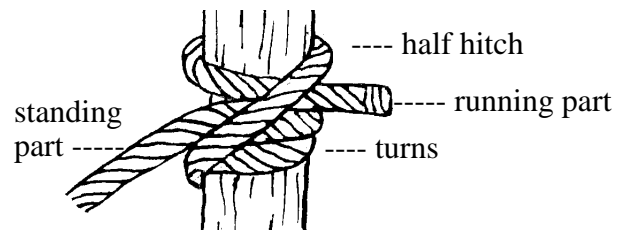
To decrease the tension on a guy line, grasp the standing part just outside the loop, then slid the knot away from your hand.



Other Names — There are several other names that are used interchangeably for the taut-line hitch and several related knots. The midshipman's hitch, rolling hitch, and magnus hitch. The following seems to be the most common usage of these name:

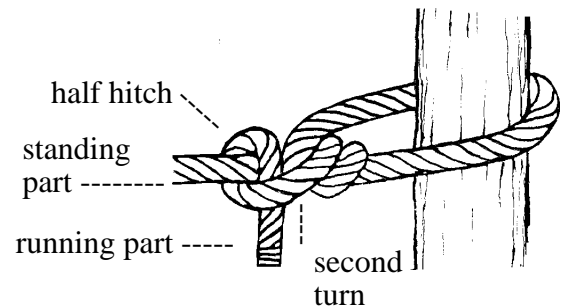
When tied around its own standing part --- **taut line hitch**.

rolling hitch



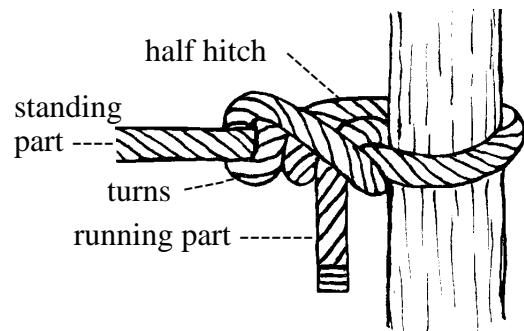
When tied around an object other than its own standing part --- rolling hitch, **magnus hitch**.

midshipman's hitch



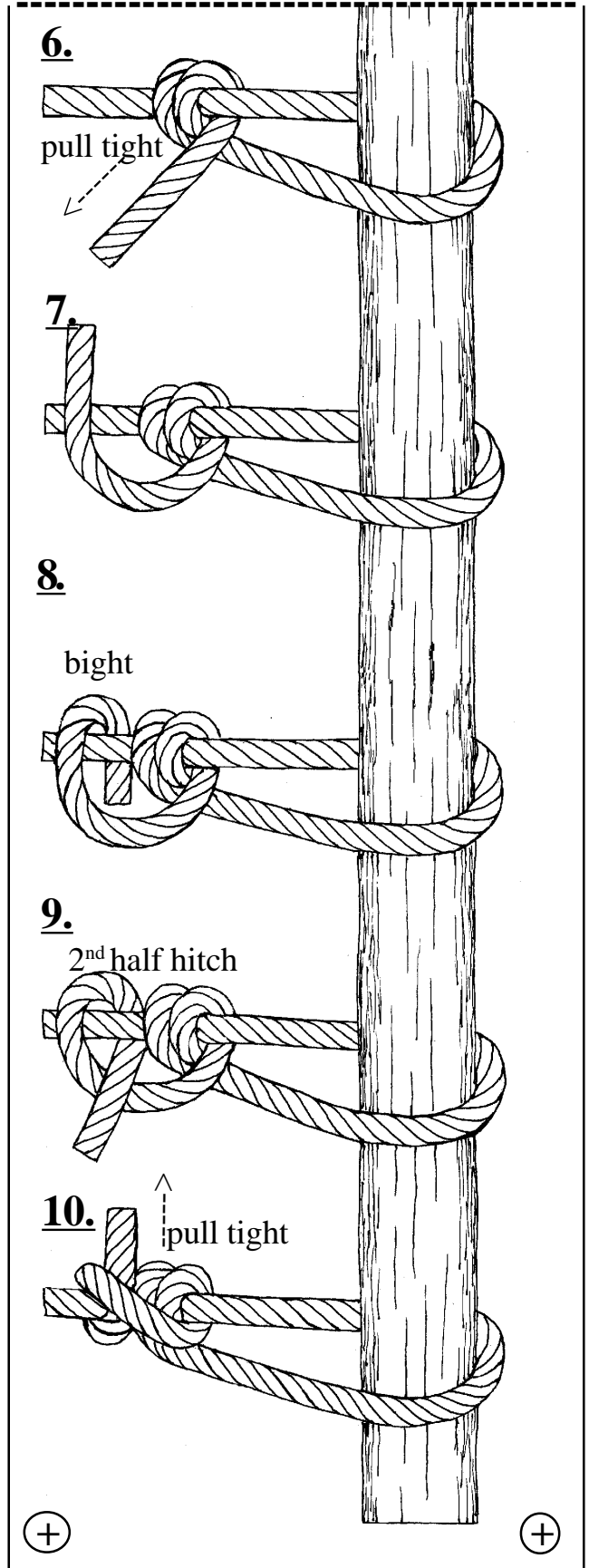
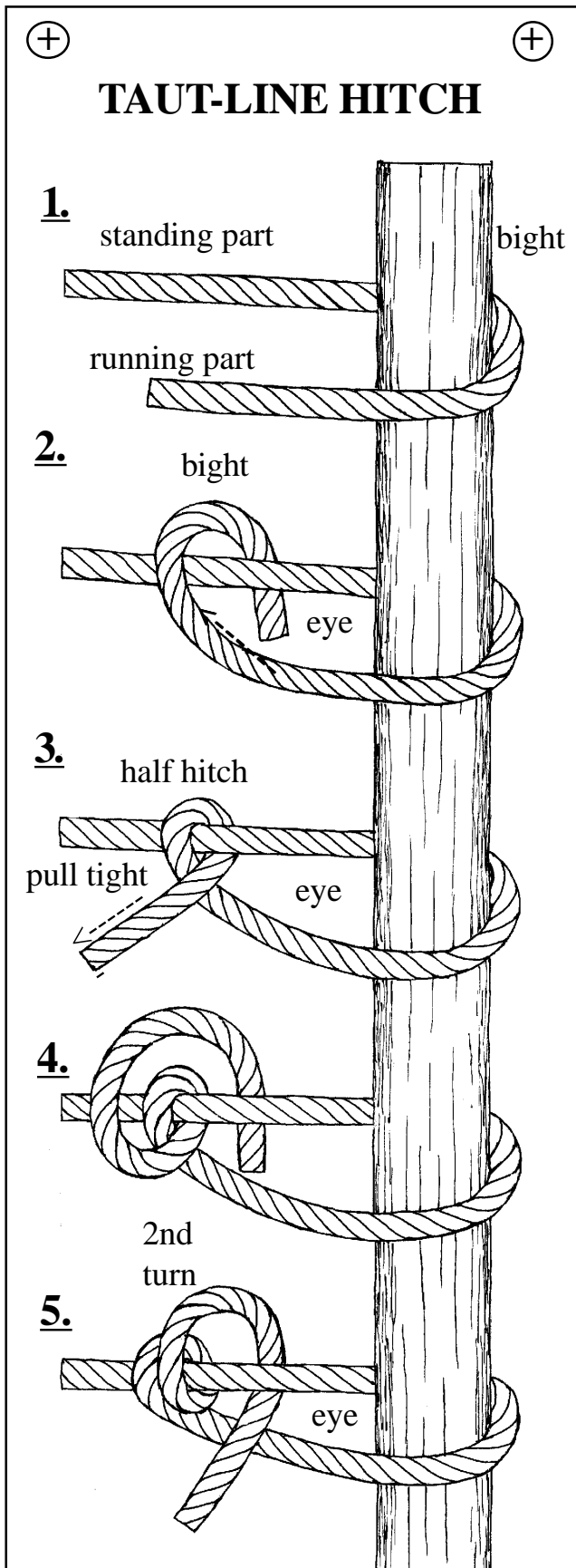
When tied so that the second turn is between the first turn and the standing part --- **midshipman's hitch** (see direction for midshipman's hitch).

adjustable jam hitch



When tied with the two turns outside the loop and the half hitch inside the loop --- **adjustable jam hitch**.

Use --- To tie-up a bundle so that the knot can be tightened by sliding the knot toward the bundle and loosened by sliding the knot away from the bundle.



Narrative ---- (For **taut-line hitch** knotboard.) (1) Take a bight around the pole. (2) Take a bight around the standing part. (3) (The eye of the bight becomes the eye of the taut-line hitch) Pass the running part through the eye of the aut-line hitch (between standing part and the pole) this forms a half hitch around the standing part; pull tight (4) Take a second bight around the standing part in the same direction; (5) this results in two complete turns around the standing part. (6) Pull tight. (7) Go to the outside of the loop. (8) Take another bight around the standing part; pass the running part between itself and the first half hitch, (9) this forms the second half hitch, (10) Pull tight.

[NOTES]

MIDSHIPMAN'S HITCH:

Description ---- Two half hitches with an overlapping extra turn.

Use ---- To adjust the tension on a guy line when very smooth rope is being used.

Comments ---- The midshipman's hitch is harder to adjust than the taut-line hitch, therefore it is the ideal knot for adjusting the tension on synthetic rope guy lines.

Narrative ----

(1) After taking a bight around an object, take a turn around the standing part so that the turn is inside the loop.

