

BUCKINGHAM MFG.

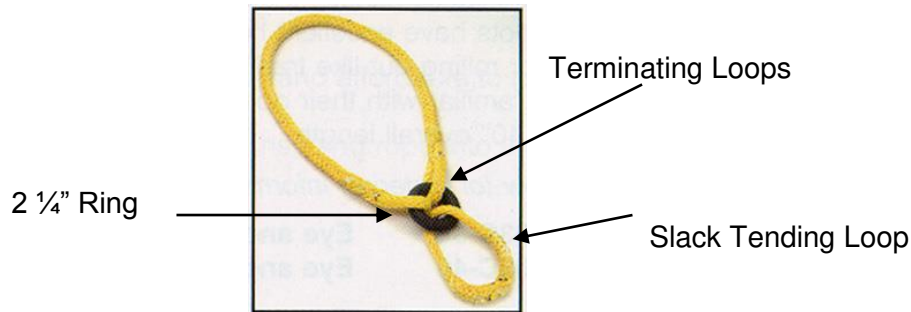
INSTRUCTIONS / WARNINGS

Friction Saver Prusik Loop

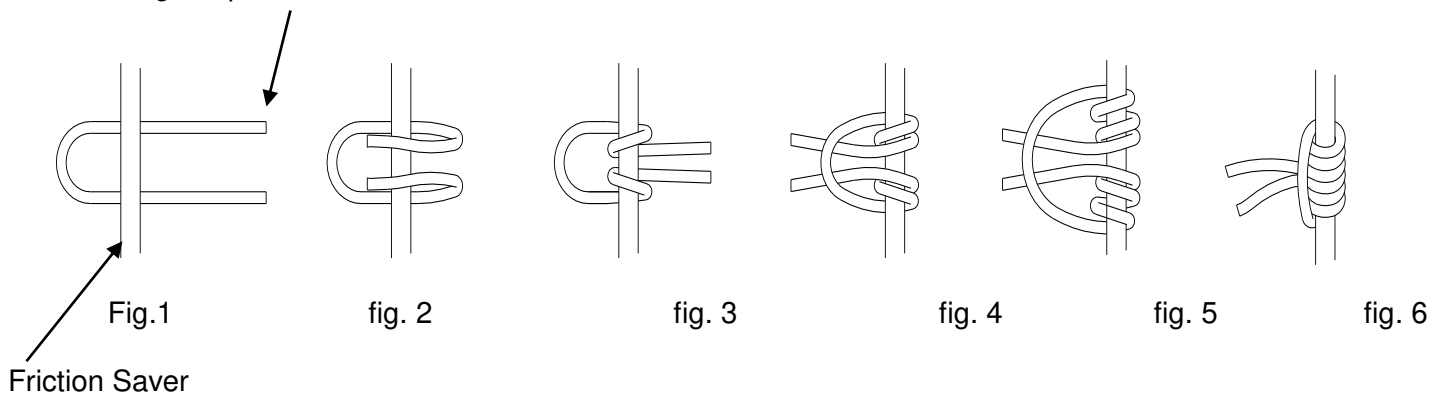
704A1 (Aluminum Ring Model) 704S1 (Steel Ring Model)

Use Instructions

P/N 704 Series prusik loop, is intended to be used on a friction saver as a chocking lanyard. **NOTE : Friction Saver cross sectional area must be equal to or greater than that of the material used in the manufacture of the P/N 704 Series Prusik Loop.** The sketches below illustrate the method of tying a prusik knot using the P/N 704 series prusik loop to a friction saver. The terminating loops of the P/N 704 series prusik loop are permanently attachment to a 2 1/4" ring (704A-1 is an aluminum ring & 704S-1 is a steel ring).



Terminating Loop End



Tying the Prusik Loop to the Friction Saver:

For clarity purposes, the terminating loops, 2 1/4" ring and the slack tending loop are not shown in above sketches.

- Step 1 Bend the P/N 704 prusik loop in half and pass the loop behind the friction saver as shown in fig. 1.
- Step 2 Pass the ring and slack tending loop over the friction saver and back down through the opposite end of the loop (fig. 2 & 3).
- Step 3 Continue to make two more turns around the friction saver (fig. 4 & 5).
- Step 4 Tighten the prusik loop around the friction saver as shown (fig. 6).

Note: The prusik loop must be wrapped around the friction saver a minimum of three wraps to give six coils as shown (fig. 6).

To attach the Friction Saver:

1. Attach the prusik loop (as previously shown) to the small ring end of the friction saver.

-over-

2. Twist the slack tending loop to create a figure eight.
3. Pass the small ring end of the friction saver through the outer loop of the newly created figure eight (fig. 7).
4. Place the friction saver around the back side of the tree. fig. 7
5. Feed the climbing line through the small ring of the prusik and then through the large ring of the friction saver.
6. Use a split tail to tie into the suspension D-rings of your saddle on one end and connect using a carabiner on the other end.
7. You are now ready to climb using your friction saver and prusik loop as a flip line.



Figure 8 shows the friction saver and prusik loop attached to a tree.

Warnings

fig. 8

- ◆ This equipment is intended for use by properly trained professionals only.
- ◆ This product is designed to be used by a person with a maximum weight of 350 lbs. when fully equipped.
- ◆ Be certain this equipment is suitable for the intended use and work environment. If suitability for intended use is in doubt, consult a safety engineer or contact Buckingham Mfg. before using.
- ◆ This product is to be used for positioning and suspension only, **NOT FOR FALL ARREST**. Therefore, it may be necessary to supplement arrangements for work positioning / suspension with collective means (i.e. safety nets) or personal means of protection against falls from a height (i.e. fall arrest system).
- ◆ Connecting devices must be destroyed if subjected to impact loading.
- ◆ Always attach snap hook / carabiner to proper anchor point and to proper fall arrest attachment of belt or harness.
- ◆ As outlined by OSHA 1926.502 (e)(2) positioning devices shall be secured to an anchorage capable of supporting at least twice the potential impact load of an employee's fall or 3,000 lbf. (13.3 kN), whichever is greater versus fall arrest anchor points which must support a minimum of 5,000 lbf. (22.2 kN) per attached worker and be Independent of worker support.
- ◆ OSHA requires that impact force in a fall NOT exceed an 1800 lb. limit with a harness. Keep connecting device slack to a minimum or use a deceleration unit to stay under these limits.
- ◆ Avoid contact of this equipment with high temperature surfaces, welding or other heat sources.
- ◆ Use PPE equipment only for the specific purpose for which it is designed and intended.
- ◆ Only Buckingham Mfg. Co. or those people authorized in writing by Buckingham Mfg. Co. may make repairs / modifications to this equipment.
- ◆ Always visually check that snap hook / carabiner freely engages D-ring or anchor point and keeper / gate is completely closed with each use. Never rely solely on the feel or sound of a connector engaging.
- ◆ Use only with belt or harness meeting standards for intended use.
- ◆ Before each use check that your equipment is free of burns, cuts, abrasions, kinks, knots, broken strands, Cracks, deformation and excessive wear. Remove from service, destroy and discard equipment if it does not pass this inspection and replace immediately.
- ◆ For personal use only. NOT for towing or hoisting.
- ◆ Never work without independent fall-arrest protection.
- ◆ Employer - instruct employee as to proper use and warnings before use of equipment.
- ◆ Completely read, understand, and follow all instructions, warnings, and guidelines pertaining to this and all associated equipment before use. Failure to do so could result in your serious injury or death.



NOTE: Ensure proper fit / size of product before use. This product can not be returned unless it is in new / unused condition.

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