

# BUCKINGHAM MFG.

## USE INSTRUCTIONS / WARNINGS

P/N KIT69

### Friction Hitch Tending System

Warning: Do not use this product if you cannot understand and follow the instructions and warnings that come with it and complete all necessary functions.

The Friction Hitch Tending System includes the following:

- Accessory cord (used to tie the Prusik Knot)
- Connecting link (used to connect the Prusik Knot to Pulley)
- Slack tending pulley (used to tend the hitch)



### Use Instructions

Use of this product in addition to a split tail line connected with a friction hitch (as shown right) allows a climber to ascend his climbing line by pulling on the running end of the line without the need to tend the hitch.



**The type of rope affects how the Prusik will work, so it is important to test rope on rope combinations before using.**

The sketches below illustrate the method of tying a Prusik Knot using the accessory cord supplied with Kit69. For purposes of clarity, included hardware is not shown when illustrating how to tie the Prusik.

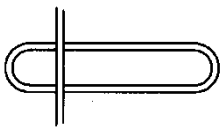


fig. 1

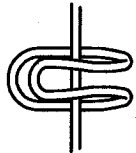


fig. 2

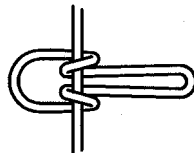


fig. 3

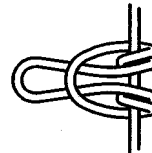


fig. 4

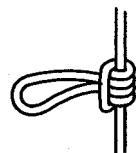


fig. 5

### **Tying the Prusik Knot for Tending Use on Climbing Lines:**

- Step 1 Pass the loop behind the line as shown in fig. 1.
- Step 2 Pass one end of the loop over the line and back down through the opposite end of the loop (fig. 2 & 3).
- Step 3 Continue to make one more turn around the line (fig. 4).
- Step 4 Tighten the knot around the line as shown in fig. 5.
- Step 5 If additional friction is needed add another turn around the climbing line as shown in fig. 4a.
- Step 6 Tighten the knot around the climbing line (fig. 5a).

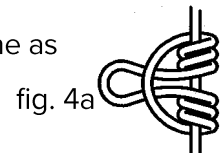


fig. 4a

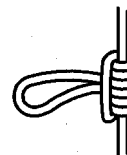


fig. 5a

After tying, Prusik must be tested on the intended climbing line to ensure compatibility before use.

## Warnings

- ◆ This equipment is intended for use by properly trained professionals only.
- ◆ KNOW and FOLLOW ANSI Z133 for Tree Care Operations.
- ◆ This product is to be used for slack tending use of prussic style friction hitches only.
- ◆ Avoid contact of this equipment with high temperature surfaces, welding or other heat sources.
- ◆ Only Buckingham Mfg. Co. or those people authorized in writing by Buckingham Mfg. Co. may make repairs / modifications to this equipment.
- ◆ 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.
- ◆ Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.

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

### STATEMENT of OBSOLESCENCE:

Precise “useful life expectancy” or “shelf life” for this product is not specified, as the degree of use, conditions of use, and the degree of care and storage determines useful life. All users maintain responsibility to select proper equipment for the job, be properly trained in its use, and ensure all personnel support equipment passes inspection before each use. Upon evidence of defects, damage or deterioration, all equipment shall be removed from service immediately and tagged or marked as unusable or destroyed. Additionally, all equipment shall be inspected on a regular basis not to exceed one year by a Competent Person, as defined by OSHA/ANSI, to verify that the equipment is safe for use. In the event of any question or concern regarding the condition of such equipment, users shall remove the equipment from service for further inspection. All users must comply with OSHA/ANSI/ASTM standards prior to and in using such equipment. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

### INTERNATIONAL USERS:

Notwithstanding the above, please know that certain international jurisdictions require manufacturers of equipment to provide customers with a maximum useful lifespan (sometimes referred to as a “Statement of Obsolescence”). To the extent required, Buckingham personal protective equipment manufactured from synthetic fiber materials including but not limited to items such as webbing and/or rope are subject to a maximum useful lifespan of ten (10) years from the date of manufacture. As stated above proper usage, storage, maintenance, and care impacts the useful lifespan of equipment. Extreme circumstances may require that product must be retired after only one use. This statement is made in conformance and compliance with BS EN 365:2004. International users must ensure that product inspections are completed by Competent Persons as defined by international standards including but not limited to British Standard (“BS”). If equipment fails any inspections, it must be immediately withdrawn from service and destroyed. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

## **OUR GUARANTEE:**

We guarantee the equipment we manufacture to be free from defects in material and workmanship. We will repair any equipment deemed to be defective which is returned to us by the original purchaser. However, this guarantee is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. This express guarantee supersedes all other expressed or implied guarantees, obligations or liabilities. There are no implied warranties of merchantability or fitness for a particular purpose and as such, all implied warranties are specifically disclaimed.

## **LIMITATION ON LIABILITY:**

In no event will Buckingham or buyer be liable to the other for lost revenues, lost profits or any other indirect, consequential, special or punitive losses or damages, however caused, whether in action for breach of contract, strict liability, tort, or otherwise, even if advised of the possibility of such losses or damages. In no event will Buckingham's liability exceed the total amount paid by the buyer to Buckingham for the product or equipment giving rise to such claim(s).

Please see other terms and conditions relating to this product at <https://buckinghammfg.com/terms-conditions/>

## **REGISTRATION:**

Before use of the product, ensure to register and confirm the product at [www.buckinghammfg.com/register](http://www.buckinghammfg.com/register).

**BUCKINGHAM MFG. CO., INC.**  
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Information contained in these written instructions supersedes all other information (written, audio, video etc.) produced by Buckingham Mfg. prior to the revision date of this document.