

# BUCKINGHAM MFG

BuckBully™

PN 5007B1  
 5/8" [16 mm] x  
 2 1/2" [63.5 mm]  
 Sealed Ball  
 Bearing Pulley

## Instructions for Use Assembled in USA

### Warning!



#### For expert use only!

- These activities are inherently dangerous and carry a significant risk of injury or death that cannot be eliminated.
- It is the user's responsibility to obtain specific training and to use it safely. These instructions DO NOT tell you everything you need to know.
- Do not use unless you can and will understand and assume all risks and responsibilities for all damage/injury/death that may result from use of this equipment or the activities undertaken with it.
- Any device is subject to failure-carefully check before and after each use.
- You must always have a backup-never trust a life to a single tool.
- Everyone using this equipment must be given and thoroughly understand the instructions and refer to them before each use.
- You must have a rescue plan and the means to implement it. Inert suspension in a harness can quickly result in death!
- Do not use around electrical hazards, moving machinery or near sharp edges or abrasive surfaces.
- We are not responsible for any direct, indirect or accidental consequences or damage resulting from the use of our products.
- Please consult with your physician prior to using this product. Do not use this product under the influence of drugs or alcohol.

## INTRODUCTION

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.

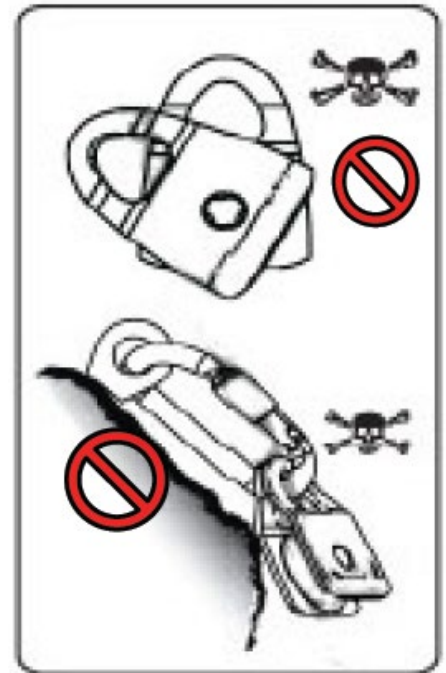
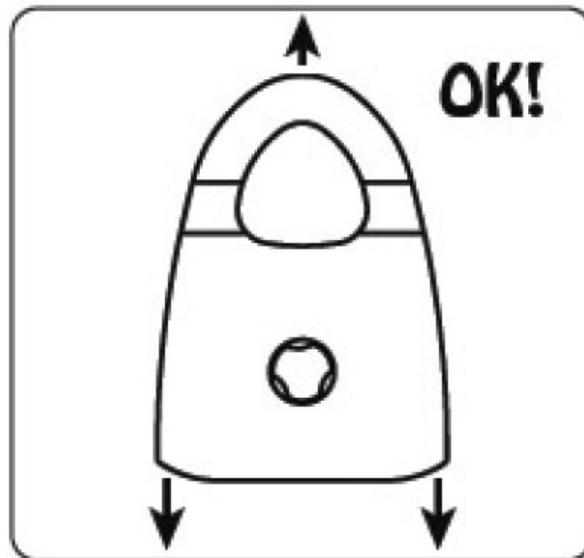
Thank you for purchasing this Buckingham Mfg. product. The sheaves of these pulleys are equipped with sealed ball bearings for efficiency. The axle heads are low-profile to help avoid hanging up on other gear. The BuckBully™ is a high strength aluminum pulley designed to be used in conjunction with the popular OX Block™ for synthetic rope. It features a maintenance free sealed ball bearings delivering effortless pulling and side plates that are hard coat anodized and laser etched for long lasting durability. The aluminum sheave can accommodate up to a 5/8" (16 mm) diameter rope and the side plate to sheave tolerance is tight enough that P-line or mule tape can be pulled through and not get jammed up. All of this in a lightweight package that can handle loads of up to 2500 lbf (11.1 kN) all day long and is easily installed or removed from the rope.

**Strength:** In a single pulley, half the load is on one side of the rope and half is on the other. The total load on the pulley is thus 2x the mass that is being raised or lowered. Breaking Strength & Working Load are based on this equal loading.

Side plates must be closed and all plates must be attached to the anchor. Connecting to only one side plate is absolutely forbidden!

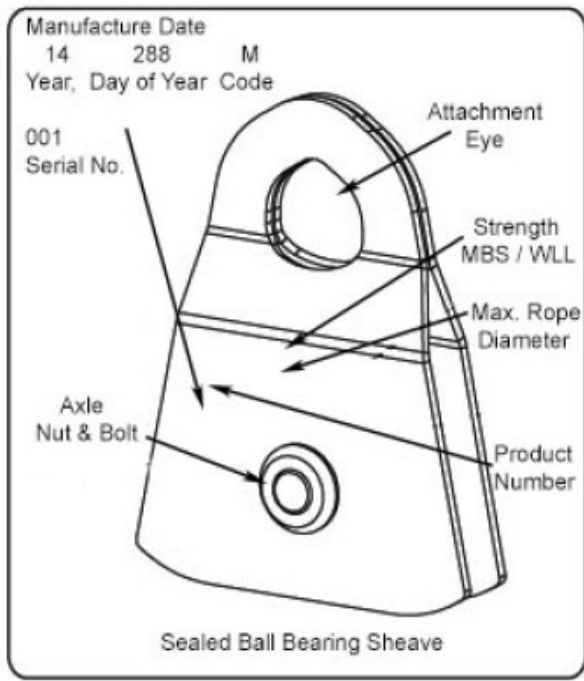
Hardware may vary from that shown.

	Single Sheave
	2.5" (63.5mm)
<b>Max Rope Dia.</b>	5/8" (16mm)
<b>MBS</b>	10,000 lbf. 44.5kN
<b>WLL</b>	2,500 lbf 11.1kN
<b>Height</b>	5.5" 140mm
<b>Width</b>	4.5" 114mm
<b>Weight</b>	1 lb. 454 gm



### BUCKINGHAM MFG.

1-11 Travis Ave.  
 Binghamton, NY  
 1-800-937-2825  
 Buckinghammfg.com



**Prusik Use - Caution!**

Prusiks must always have an experienced person tending them. Never allow a jammed Prusik to be pulled in between the side plates. This can bend or break the pulley and allow the rope to fall out.

**Breakage Hazard**

Do not let an object in between the side plates and never rig your system so that the pulley is forced against something that could break the side plates or your connector.

**Leverage Hazard**

A pulley or other equipment can lever against a connector (such as a carabiner) and break it, opening the connector and allowing the pulley to fall out. Guard against this at all times!

**Pinching Hazard**

Rope travelling through a pulley can suck in hair, fingers, clothing, etc., causing injury & jamming the pulley. Guard against this

**Inspect Before & After Use**

Check all parts for cracks, deformation, corrosion, wear, etc. Verify that the side plates rotate normally & the axle screw is has not loosened. Verify smooth rotation of the sheave.

**Inspection During Use**

Regularly inspect and monitor your system, confirming proper connections, equipment position, fully locked connectors, etc.

**Intended Use**

This Personal Protective Equipment (PPE) should only be used with energy absorbing systems such as dynamic ropes, energy absorbers, etc. & slack must be kept out of the system to prevent high impact falls. It is intended for use by medically fit, specifically trained and experienced users.

**Thorough and specific training is absolutely essential before use.**

Being at height is dangerous and it is up to you to reduce the risks as much as possible - but the risks can never be eliminated. There are many ways to misuse this equipment, too many to list or imagine.

You must personally understand and assume all risks and responsibilities of using this equipment. If you cannot or do not want to do this, do not use this equipment.

**Environmental Factors**

Moisture, ice, salt, sand, snow, chemicals and other factors can prevent proper operation or can greatly accelerate wear.

Purchase Record	
Model	
Complete Batch #	
Year of Manufacture	
Purchase Date	
Date of 1 <sup>st</sup> Use	
User	

**Compatibility**

Verify compatibility with other components of your system. Incompatible connections can cause detachment, breakage, etc.

**Lifetime**

BuckBullys™ like all equipment must be replaced by the user at regular intervals. This interval should be dictated by the amount of use and type of service the product receives rather than a set time frame. Therefore the manufacturer does not place a time limit on replacement of the BuckBully™. Due to the rigorous strain the BuckBully™ endures, it should be replaced at the earliest signs of wear. BuckBully™ inspection is extremely important and must as a minimum be performed as stated.

**Retire from Service & Destroy if it:**

1. Is significantly loaded.
2. Does not pass inspection or there is any doubt about its safety.
3. Is misused, altered, damaged, exposed to harmful chemicals, etc.
4. Sheave does not rotate smoothly. Consult the manufacturer if you have any doubts or concerns.

**Maintenance & Storage**

Clean if necessary with fresh water, then allow to dry completely. Store in a dry place away from extremes of heat and cold and avoid chemical exposure.

**Repairs or Modifications to Equipment**

Are only allowed by the manufacturer or those authorized in writing by the manufacturer.

**Detailed Inspection**

In addition to inspection before, during and after each use, a detailed inspection by a competent inspector must be done at least every 3 months or more frequently depending on amount and type of use. Make a copy of these instructions and use one as the permanent inspection record and keep the other with the equipment. It is best to issue new gear to each user so they know its entire history.

**Refer to these User Instructions Before & After Each Use**

Date	Condition	Inspector

## **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).

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