



## Buckingham Ox-Block System

### Multipurpose snatch-block - OX Block™

Part No. 50061 (Swivel Eye) 50063 (Clevis)

The OX BLOCK™ is a rope snatch-block with an integrated friction bar used for:

- Raising and lowering Equipment (Hauling Line Block)
- Rescue
- Snubbing loads

It allows the rigging professional to handle loads with greater control. When lowering loads, tension is transferred from the worker to the OX BLOCK™.

- The patented OX BLOCK™ replaces standard hand-line blocks, parted blocks and various snatch blocks.
- Has a greater WLL than blocks of similar size.
- When configured with optional pulleys, the OX BLOCK™ can be used to create a 2:1 up to 6:1 mechanical advantage reducing the amount of force needed to lift heavy loads.
- The advantage of the pulleys used by Buckingham is the swivel side plate that allows for quick and easy rope installation without removing the pulley from the connecting device.
- ASME B30 Compliant



Raising or lowering equipment



Snubbing - Lowering Mains



Rescue

Replace many of the older style pulleys and tackle with the lighter Ox Block system, making rescue, lowering and raising workloads easier

Part No.	Attachment	Material	Rope Dia. (mm)	Length (mm)	Width (mm)	Wt (kg)
50061	Swivel Eye	6061 Alloy	16 (max)	267	51	1
50063	Clevis					

Ox Block includes metric markings to comply with relevant Australian Standards

Our OX BLOCK Clevis Top hand-line assembly features a 1.2m x 19mm adjustable sling, hook and a 16mm hand-line at 24 or 30 metres



#### Ordering Information

Part No.	Hand-line Length (m)
50062K14-4-80	24
50062K14-4-100	30

For further Ox-Block options and information, contact TEN

Sheave to Clevis Top  
 Manufacturer Breaking Strength **4536kgs**  
 Working Load Limit **1134kgs**

Hook to Clevis  
 Manufacturer Breaking Strength **2720kgs**  
 Working Load Limit **680kgs**



Quick Release Buck Pin

50063 OX Block shown



Click or Scan above to see the OX BLOCK™ Video



**Quality Tools, Equipment & Line Materials for the Energy Industry.**

**OX Block™ Friction Assistance**



For lowering loads with friction assistance, wrap the rope around the friction bar in the direction shown.

Two times through the gate (2 audible clicks) provides one full wrap.

Three times through the gate (3 audible clicks) provides two wraps.

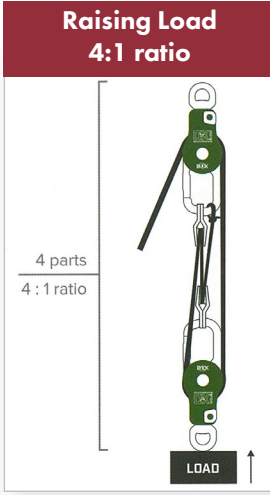
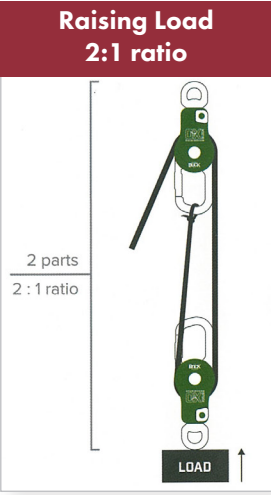
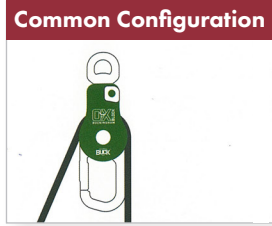
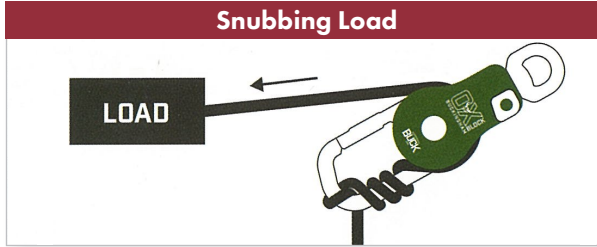
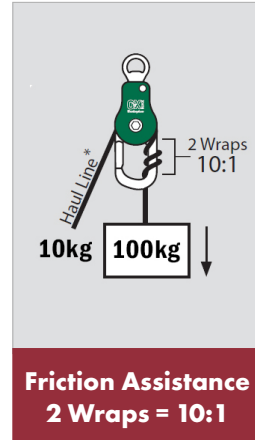
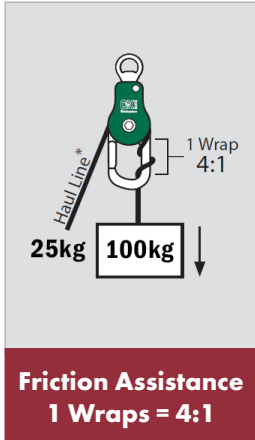
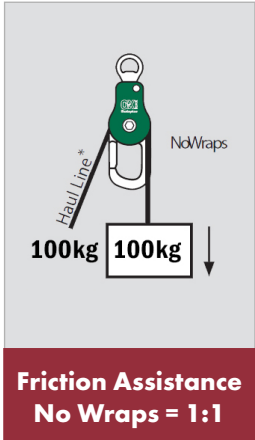
On average, one wrap will reduce hauling line tension by a factor of 4:1. Two wraps will reduce hauling line tension by a factor of 10:1. For example, if lowering a 100kg load with the hauling line only over the sheave, the user would be holding the entire 100kg weight. If using 1 wrap, the ratio would be 4:1 and the user would be holding 25kg. Using 2 wraps (10:1 ratio), the user will be holding 10kgs.

Heavy loads require additional rope wraps on the friction bar or additional mechanical advantage.

Friction assistance can be used to the users advantage with the Ox Block when:

- The load must be lowered under controlled conditions and/or needs to be periodically stopped during descent.
- The weight ground personnel must hold back needs to be minimised.
- The load can be transferred to the Ox Block without having to first lift the load, or the load can be safely lifted by one person and transferred to the Ox Block.
- Avoiding damage to trees, fences, vehicles is required.
- Ergonomic benefits are desired for personnel that regularly work with ropes, blocks and rigged loads.

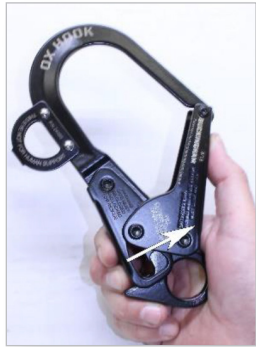
**Friction Assistance Factor**





## Ox Block Accessories

### Ox Hook (Part No. 2406S) gate and mechanism operation



Depress the lock mechanism



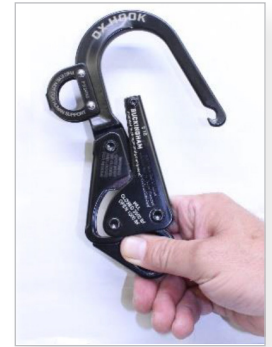
Depress the gate (keeper)



Release the lock mechanism



Release the gate (keeper)



The gate (keeper) is locked in the open position

## Single and Double Sheaves



Ox Block accessories are designed to compliment the Ox Block and provide greater control in raising and lowering equipment in an efficient and safe process

Part No	Description	Rope	WLL
KIT48	Sliding Pulley	12.7mm	816kg



Single sheave pulley with a swivel side plate and swivel eye. 12mm rope capacity.

Part No	Rope	WLL
5007R1	12.7mm	816kg



Double sheave pulley swivel side plates and swivel eye. 12mm rope capacity.

Part No	Rope	WLL (kg)
5007R2	12.7mm	816kg

## Heavy Duty Single Sheaves



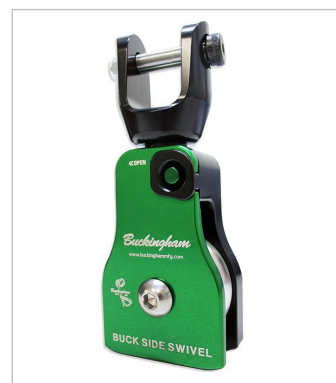
Heavy Duty single sheave aluminium pulley with side swivel plate and eye.

Part No	Rope	WLL
50071B1	16mm	1134kg



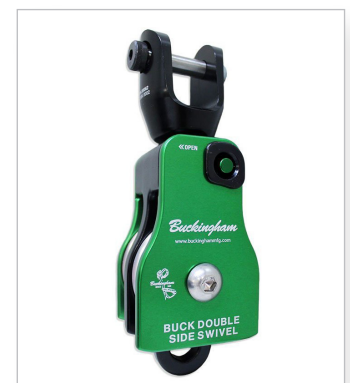
Heavy Duty double sheave aluminium pulley. 16mm (max) rope capacity

Part No	Rope	WLL
50071B2	16mm	1134kg



Heavy duty single sheave pulley with clevis top for additional attachment options

Part No	Rope	WLL
50072B1	16mm	1134kg



Heavy duty double sheave pulley with a swivel side plate and swivel clevis.

Part No	Rope	WLL
50072B2	16mm	1134kg