

REBS®

HOOKS INTRODUCTION

Hooks are available in both single and dual configurations, and are delivered in several sizes between 2,5" and 10" to accommodate a large range of different boarding and entering operations and fixture points.

Some users prefer the dual hooks because of the increased stability they provide. The disadvantage of the dual hooks is that the forces from climbing in the ladder may cause the hook to "walk" or move if it is suspended on the hook tips.

The nominal dimension of the hook is equal to the size of the hook opening: a 2,5" hook will fit perfectly around a cylinder with a diameter of 2,5".

All REBS® hooks are made to be strong, light and efficient. Strength ratings are provided in two different scenarios: arc loading and tip loading.

ARC LOAD

The optimal way to fasten a hook is within the arc, as this gives the best distribution of forces through the hook, giving the best load rating.

TIP LOAD

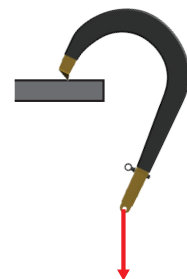
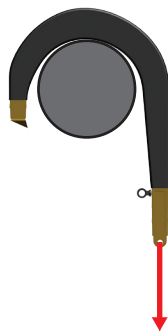
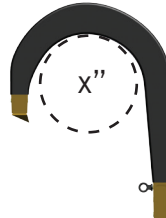
Tip loading increases the forces on the hook, lowering its rating, but can be beneficial as the hard metal tip insert digs into most surfaces for maximum grip and minimum risk of losing its hold. Note that arc loading is preferred when available. All hooks are tested prior to deliver unique serial number.



Single Hook



Dual Hook



MINIMUM BREAKING LOAD (MBL)

The hooks are specified with a Minimum Break Load, which means that the hook will not fail when loads of up to the MBL are applied. Permanent deformation at loads approaching the MBL is allowed and expected.

SAFETY FACTOR

A minimum safety factor of 2 is recommended when planning and executing operations but users shall work out their own directives based on the conditions and the scenarios of the application. Unforeseen factors like sea conditions, minor falls, harmonic climbing and similar events can result in significant dynamic loading that may cause the total load to exceed the MBL rating. Please take contact for more guidance or training if necessary.

HOOK INTERFACES

REBS hooks can be supplied with several different interfaces that enable their use with each of the different placement systems including carbon poles, giraffe and windup poles, and Rolatubes. The different interfaces includes:

Pigg Release

The Pigg Release system is an adapter with a pin that connects into the top adapter of a placement tool, such as a telescopic pole. After the hook is attached to the ledge, the pin can be pulled, and the Pigg release will let go of the pole, leaving behind a clean anchor.



Rolatube

Rolatube attachments allow for easy placement and separation of the hook from the pole, similar to the pigg release.



Tactical connector

The Tactical connector consists of a conical slot which gives the system a great fit and is secured with a quick release pin.



POLE RELEASE ALTERNATIVES

The mounting bracket is suitable for various applications. Alternative pole release solutions are available to suit most boarding operations. These include the standard pigg release, the ring fastening and the locking pin release system.

PIGG RELEASE

<p>1</p> <p>PREPARE</p> <p>Connect the wire ladder to the mounting bracket.</p>	<p>2</p> <p>PLACE</p> <p>Place the hook on a suitable ledge. Remember to release the locking pin prior to use.</p>	<p>3</p> <p>RELEASE</p> <p>Pull the pole to release.</p>	<p>4</p> <p>CLIMB</p> <p>Proceed climbing.</p>

LOCKING PIN RELEASE SYSTEM

<p>1</p> <p>PREPARE</p> <p>Connect wire ladder to hook with the carabiner.</p>	<p>2</p> <p>FASTEN</p> <p>Attach the strap with the carabiners to the step of the wire ladder. Connect the carabiners of the strap to the locking pins.</p>	<p>3</p> <p>PLACE</p> <p>Place the hook on a suitable ledge.</p>	<p>4</p> <p>RELEASE</p> <p>The pole is released by pulling the wire ladder downwards.</p>	<p>5</p> <p>CLIMB</p> <p>Proceed climbing.</p>

RING FASTENING (9 M AND HIGHER)

<p>1</p> <p>PREPARE</p> <p>Connect the rope and the wire ladder to the carabiner and thread through the ring fastening system.</p>	<p>2</p> <p>PLACE</p> <p>Place the hook on a suitable ledge. Remember to release the locking pin prior to use.</p>	<p>3</p> <p>RELEASE</p> <p>Pull the pole to release.</p>	<p>4</p> <p>ATTACH</p> <p>Pull the rope until the wire ladder connects to the ring fastener.</p>	<p>5</p> <p>CLIMB</p> <p>Proceed climbing.</p>