



# SAFETYLINK™ PTY LTD

11 YEARS OF EXTENSIVE TESTING  
EXPERIENCED TECHNICAL SUPPORT TEAM  
COMPREHENSIVE INSTALLATION DOCUMENTATION

Accompanying the SafetyLink Forged Eyebolt is the Forged T-Bolt used in our StaticLine systems. Both provide similar energy absorbing qualities designed to bend like a fishing pole from the top down.

**A CURVE ABOVE THE REST**

Reduces **Acceleration**  
Increases **Time**  
Reduces **Force**

Curvature after dynamic testing for two persons

Resulting curvature after standard dynamic testing for one person



Intermediate T-Bolt



TileLink



Portable LadderLink



FrogLink



Permanent Anchor



Permanent LadderLink



SurfaceLink StaticLine System

SafetyLink Pty Ltd tests all its products with a force greater than 22kN increasing the safety margin

## EVOLUTION OF THE EYEBOLT

SafetyLinks research and development testing revolutionised the eyebolt providing maximum energy absorption while maintaining its strength. All Tests were performed to comply with Australian and New Zealand Standards.

**Test 1:** Eyebolt with no taper.



**Result:**  
The eyebolt failed the kN force required. With this result the evolution of the tapered eyebolt began.

**Test 2:** The stem of the eyebolt was reduced at the top of the stem. First locking hex nut was introduced to protect the thread.



**Result:**  
The eyebolt bent at the reduced section. The locking hex nut fractured at the top whilst protecting the thread.

**Test 3:** In this example the eyebolt is reduced in the centre of the stem therefore increasing the leverage factor at the mid point. In the event of a fall arrest where the base of the eyebolt is enclosed in the roof the eyebolt would break similar to test 1.



**Test 4:** We tapered the eyebolt from the top to the locking hex nut.



**Result:**  
This time the eyebolt absorbed energy like a fishing pole bending from the top down.

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