



EasyLock Suspension System



Introduction

The EasyLock Suspension System is a high-performance, ready-to-use wire suspension solution designed for the rapid and secure installation of mechanical, electrical, and plumbing (MEP) services. Whether suspending cable trays, HVAC ducts, lighting systems, or piping, EasyLock offers a flexible, cost-effective, and aesthetically neat alternative to traditional threaded rod and channel systems.

Designed to meet the needs of modern construction and retrofitting environments, EasyLock's pre-engineered wire kits allow for quick setup, tool-free adjustment, and reliable performance.

Features and Benefits

Fast Installation

- No tools required for tensioning or locking
- Pre-cut wire lengths with factory-fitted loops for immediate deployment

Flexible and Versatile

- Can be wrapped around beams, purlins, trusses, or existing structures
- Allows suspension from any angle – even inverted

Strong and Compliant

- Manufactured with high tensile galvanized steel wire (Grade 1960 N/mm², 7x7 construction)
- Complies with BSEN 12385 standards

Safe Working Loads (SWL)

Available in multiple load capacities to suit various applications:

- **E Series** – 22 lbs (10 kg)
- **A Series** – 110 lbs (50 kg)
- **S Series** – 198 lbs (90 kg)
- **Y Series** – 717 lbs (325 kg)
- **L Series** – 1102 kg (2430 lbs)

Keyless Quick-Release Locking System

- Integrated push-button mechanism for quick adjustments or release
- Enhances safety by preventing accidental disengagement

Applications

The EasyLock System is ideal for:

- Electrical cable trays
- Lighting fixtures and troffers
- HVAC ducts and diffusers
- Pipework and sprinkler systems
- Acoustic panels and signage
- General mechanical supports

Common suspension points include

- Beams and purlins
- Roof trusses
- Concrete slabs (with anchors)
- Threaded rod retrofits

Product Range and Specifications

Each EasyLock kit includes a pre-assembled wire rope with a loop at one end and an integrated locking device.



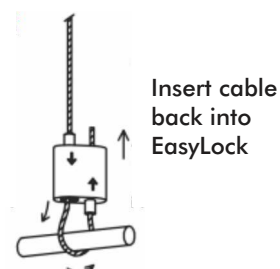
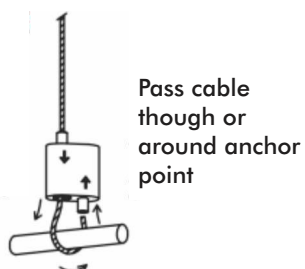
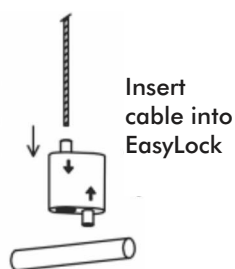
Product Code	Description	SWL	Pack Qty.
ELS-E-1L	1 Mtr standard loop suspension system	22lbs	10
ELS-E-2L	2 Mtr standard loop suspension system	22lbs	10
ELS-E-3L	3 Mtr standard loop suspension system	22lbs	10
ELS-E-4L	4 Mtr standard loop suspension system	22lbs	10
ELS-E-5L	5 Mtr standard loop suspension system	22lbs	10
ELS-E-10L	10 Mtr standard loopsuspension system	22lbs	10
ELS-A-1L	1 Mtr standard loop suspension system	110lbs	10
ELS-A-2L	2 Mtr standard loop suspension system	110lbs	10
ELS-A-3L	3 Mtr standard loop suspension system	110lbs	10
ELS-A-4L	4 Mtr standard loop suspension system	110lbs	10
ELS-A-5L	5 Mtr standard loop suspension system	110lbs	10
ELS-A-10L	10 Mtr standard loop suspension system	110lbs	10
ELS-S-1L	1 Mtr standard loop suspension system	198lbs	10
ELS-S-2L	2 Mtr standard loop suspension system	198lbs	10
ELS-S-3L	3 Mtr standard loop suspension system	198lbs	10
ELS-S-4L	4 Mtr standard loop suspension system	198lbs	10
ELS-S-5L	5 Mtr standard loop suspension system	198lbs	10
ELS-S-10L	10 Mtr standard loop suspension system	198lbs	5
ELS-Y-1L	1 Mtr standard loop suspension system	717lbs	10
ELS-Y-2L	2 Mtr standard loop suspension system	717lbs	10
ELS-Y-3L	3 Mtr standard loop suspension system	717lbs	10
ELS-Y-4L	4 Mtr standard loop suspension system	717lbs	10
ELS-Y-5L	5 Mtr standard loop suspension system	717lbs	10
ELS-Y-10L	10 Mtr standard loop suspension system	717lbs	5
ELS-L-1L	1 Mtr standard loop suspension system	1102lbs	5
ELS-L-2L	2 Mtr standard loop suspension system	1102lbs	5
ELS-L-3L	3 Mtr standard loop suspension system	1102lbs	5
ELS-L-4L	4 Mtr standard loop suspension system	1102lbs	5
ELS-L-5L	5 Mtr standard loop suspension system	1102lbs	5
ELS-L-10L	10 Mtr standard loop suspension system	1102lbs	5

*Custom lengths available on request.

Installation Instructions

Step-by-Step Installation

1. Anchor Setup – Wrap or attach the wire to an anchor point (beam, purlin, bracket).
2. Wire Insertion – Feed the free end of the wire into the EasyLock mechanism.
3. Height Adjustment – Pull the wire through to the desired length. The lock auto-engages.
4. Final Check – Ensure secure tension. Trim excess wire if necessary.



Technical Notes and Usage Guidance

- All SWL ratings are based on a 5:1 safety factor under vertical load.
- Avoid sharp bends or crushing the wire rope during installation.
- Do not lubricate the lock body or internal mechanism.
- Do not use for dynamic loads (e.g., swinging or vibrating equipment) without engineering verification.
- Recommended for indoor, dry environments unless stainless-steel variants are used.

Compliance and Testing

- All EasyLock components undergo rigorous quality testing
- Designed in compliance with international mechanical suspension standards
- Material traceability and batch control available on request

Why Choose EasyLock?

- Reduces installation time by up to 80%
- No threading, cutting, or heavy tools required
- Visually neat and professional finish
- Easily adjustable for future modifications
- Safer, lighter, and more ergonomic than traditional methods

Installation Examples

