



ZIP CLIP

SAFETY | SUSPENSION | SPEED

TECHNICAL CATALOGUE



ISSUE 3



ZIP-CLIP - A GLOBAL BRAND

Copyright of Zip-Clip Ltd 2017

All descriptions and illustrations in this manual are intended for guidance purposes only. Zip-Clip Ltd reserves the right to change the information, products and specifications in this manual for a variety of reasons, without prior notice. The information in this manual is provided "as is" at the date specified on the back cover. Updates will not be issued automatically

CONTENTS

ABOUT ZIP-CLIP	4
TECHNICAL INFORMATION	5
HOW IT WORKS	6
PRODUCT SELECTOR	7
RIZE	8-9
ZIP-LOCK	10-11
LOOP-IT	12-13
CON-LOCK	14-15
ANCHOR-IT	16-17
THREAD-IT	18-19
DEC-LOCK	20-21
KNOCK-IT	22-23
TOGGLE-IT	24-25
SNAP-IT	26-27
UNI-LOCK	28-29
SHOT-LOCK	30-31
PLUS ON-WIRE	32-33
CHAN-LOCK	34-35
TRY-LOCK	36-37
LUMA-LOCK	38-39
Y-IT	40-41
SPAN-LOCK	42-43
ZIP-GRIP	44-45
H-FRAME	46-47
ACCESSORIES	48-49
PREFABRICATIONS	50-51
SPECIFICATIONS	52-53
ENVIRONMENTAL POLICY	54



Wrap - around



Concrete



Decking



Purlins



Service Supports



Timber



Catenary



Roof Support

ABOUT ZIPCLIP

WHO IS ZIP-CLIP?

We are manufacturers and designers of high-spec suspension systems for all your HVAC, Electrical, Mechanical & Signage requirements.

WHAT IS IT?

It is a range of innovative products designed for speed and ease of use. The clip is manufactured from a high quality zinc alloy. The oil impregnated sintered metal wedge is designed to offer the best locking solution. The stainless steel spring ensures the wedge engages first time. The galvanised high tensile wire rope supplied offers you a better SWL than those found on the market. All our engineered suspension products are designed with quality and safety in mind.

TESTED?

All our products are independently tested off site by NEL/TUV, MELBTEST, NATA, SATRA, Lloyds British and Apave and all clips are UL certificated. For copies of our test certificates please contact our offices or download them from our website - www.zip-clip.com

THE PROFESSIONAL CHOICE



Zip-Clip has created a "Professional Choice" range of suspension systems all of high specification. You can easily spot this range of products throughout the Zip-Clip catalogue thanks to the Professional Choice symbol.

WHY

WHAT ARE THE ADVANTAGES OF USING A ZIP-CLIP WIRE SYSTEM?

Using a wire rope suspension system provides many advantages:

- Key free release system
- Easier to transport
- 100 metre coil is equivalent to 30 x 3 metre lengths of threaded rod
- Easier to handle
- Cold cut, no hot work permit required
- Vibration reduction: threaded rod has a vibration absorption of 50%, whereas wire rope hangers absorb vibration in excess of 75%.
- Reduced labour cost
- Reduced risk of injury
- Aesthetical
- Reduces individual components (ie nuts, washers, square plates, rod...)
- Reduces impact on the environment

WHERE CAN I USE A WIRE SYSTEM?

HVAC AND MECHANICAL

- Spiral Ducting
- Rectangular Ducting
- Radiant Heat Panels
- Fan Coil Units
- Chilled Beams
- Gas pipes
- Water Pipes

SPECIALIST

- Seismic areas
- Christmas decorations
- Accoustic supports
- Pest control
- Museum installations
- Exhibition installations
- Retail displays
- Stainless Solutions

ELECTRICAL

- Luminaires
- Busbar
- Cable Basket
- Cable Ladder
- Trunking
- High Bays
- CCTV Cameras
- Secondary Support
- Sound Systems

*For specialist applications, please contact our technical department on 0044 1686 623366

MANUFACTURERS RECOMMENDATIONS?

Zip-Clip's unique system is designed to support **static loads only**. Dynamic and shock loadings can greatly increase the overall weight of the product being suspended and therefore can compromise the Safe Working Load of the suspension.

- To ensure integrity and safety of the systems only Zip-Clip cable should be used
- Do not exceed the Safe Working Load of the product
- Do not use coated cable
- Do not paint or apply any other coating
- Do not apply lubricant
- Do not use for lifting
- Remove any damaged cable end prior to inserting into the clip

All stated Safe Working Loads and certifications are based on the product being used in conjunction with our high tensile Zip-Clip wire. Zip-Clip are not able to guarantee the Safe Working Load of a product used with a non Zip-Clip wire and cannot support projects where non Zip-Clip wire has been used.

How It Works

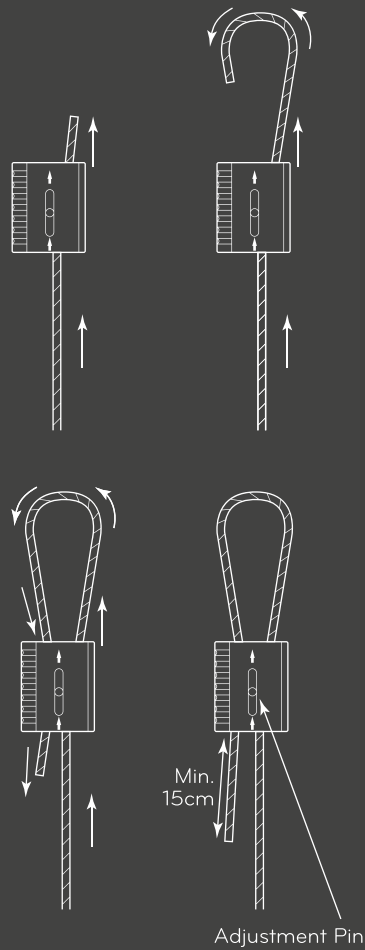
- Pass the wire through the zip-clip
- Loop the wire through or around the anchor point
- Pass the wire back through the zip-clip allowing 15cm of wire protruding
- Apply tension
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction of the arrows indicated on the zip-clip
- To adjust, take the load off and pull the tail slightly to disengage the teeth, then release using the adjustment pin - no tools required

The KL200 can be used to make a figure of eight suspension, using one clip:

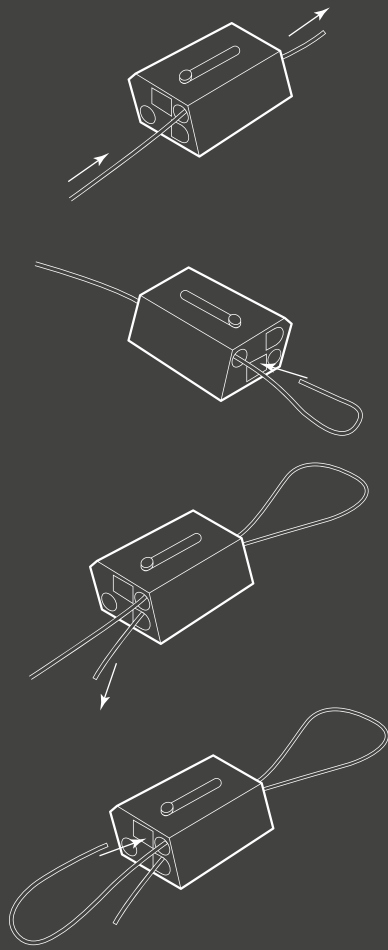
- Pass the wire into the "through hole" in the KL200 and then around your fixing or anchor point. Pass the wire end through the locking channel in the KL200 and pull through 15cm of free wire
- Pass the other end of the wire through your bracket or around your suspension and back through the locking channel allowing 15cm of free wire through the clip
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction of the arrows indicated on the zip-clip
- Prior to load being applied, the wire can be adjusted in either direction.

With the load off the wire, push the release pin in the direction of the arrow on the zip-clip. This will release the locking wedge and allow the wire rope to be moved freely on either direction. After a load has been applied, it may be necessary to pull the cable slightly to disengage the teeth on the wedge. Be sure the load is fully supported before attempting adjustment.

THE KL50, KL100 & KL150



THE KL200



PRODUCT SELECTOR

		WRAP AROUND APPLICATIONS	CONCRETE APPLICATIONS	DECKING APPLICATIONS	PURLINS	TIMBER AND OTHER SUBSTRATES	SERVICE SUPPORTS	ROOF SUPPORT SYSTEMS	CATENARY SYSTEMS
8-9	Rize	•							
10-11	Zip-Lock	•							
12-13	Loop-It	•							
14-15	Con-Lock		•						
16-17	Anchor-It		•						
18-19	Thread-It		•	•					
20-21	Dec-Lock			•					
22-23	Knock-It				•				
24-25	Toggle-It			•			•		
26-27	Snap-It				•		•		
28-29	Uni-Lock					•			
30-31	Shot-Lock		•	•					
32-33	Plus On-Wire	•	•	•		•			
34-35	Chan-Lock						•		
36-37	Try-Lock						•		
38-39	Luma-Lock						•		
40-41	Y-It						•		
42-43	Span-Lock								•
44-45	Zip-Grip								•
46-47	H-Frame							•	
50-51	Prefabrications	•	•	•		•			•





THE SPECIFICS

The range consists of a range of wire reels and zip-clips with a choice of Safe Working Loads:

- G 10kg SWL
- S 50kg SWL
- Y 120kg SWL
- P 230kg SWL
- N 500kg SWL

THE APPLICATIONS

- Wrap around applications
- Suitable for use with a wide range of fixing brackets including: UNI1, UNI2, UNI3, CLA1, MA6810, T920514
- Cold Room Ceilings
- Trapeze Brackets

THE TECHNICAL INFORMATION

- Key free release system
- No pre-site visits required
- Ideal for long drop lengths
- Any spare material can be used on following projects
- Only wire cutter required
- Can be used as a wrap around application and with a wide range of brackets.
- Wire supplied in dispensing box - avoiding risk of wire bird nesting

Zip-clips are also available in a lockable version offering a tamper proof installation.

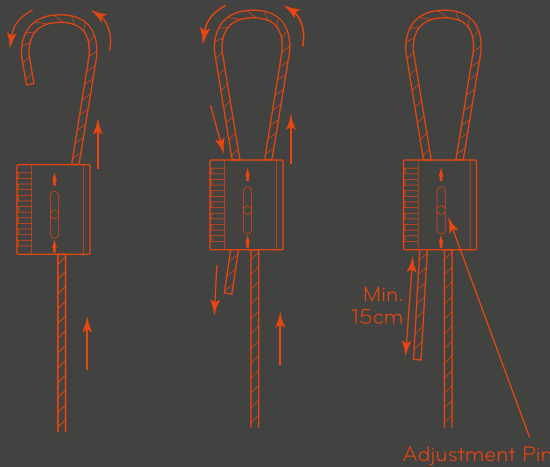
The Installation:

- Unscrew the M4 locking nut and bolt until the adjustment pin is pushed back fully.
- Pass one end of the wire through the zip-clip in the direction of the arrow and draw enough wire to around your fixing point.
- Pass the wire back through the zip-clip leaving at least 15cm of wire protruding.
- Tighten the M4 locking nut and bolt until the adjustment can no longer be moved

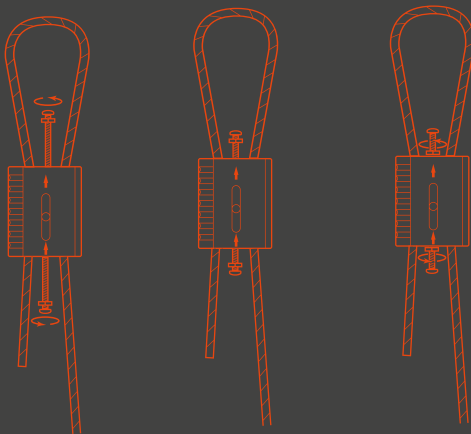
THE INSTALLATION

- Cut wire to desired length for the drop required
- Pass one end of the wire through the zip-clip in the direction of the arrow and draw through enough wire to go around your fixing point
- Pass the wire end back through the zip-clip leaving at least 15cm of free wire protruding
- At the other end again pass the wire through the zip-clip in the direction of the arrow
- Pass the free end of wire around your suspension or through your fixing and back through the zip-clip leaving 15cm of wire protruding.
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated

STANDARD CLIP



LOCKABLE CLIP



THE RANGE

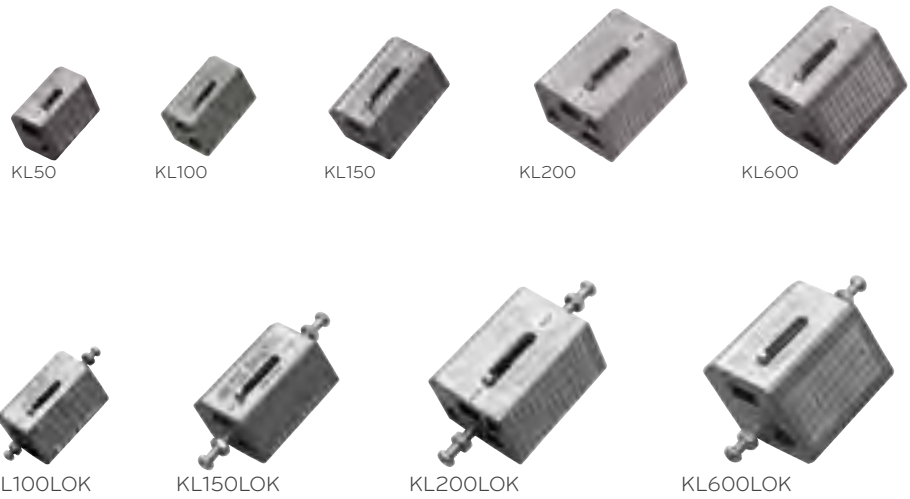
The range consists of wire reels and zip-clips with a choice of Safe Working Loads (SWL).



RIZE



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
KL50	Rize KL50 10kg SWL	10kg	10
R200G	200 Mtr G wire reel in dispenser box	10kg	1
R100G/SS	100 Mtr Stainless Steel AISI 316 G Wire Reel	8kg	1
R200G/SS	200 Mtr Stainless Steel AISI 316 G Wire Reel	8kg	1
KL100	Rize KL100 50kg SWL	50kg	10
R100S	100 Mtr S wire reel in dispenser box	50kg	1
R200S	200 Mtr S wire reel in dispenser box	50kg	1
R500S	500 Mtr S Wire Reel	50kg	1
R100S/SS	100 Mtr Stainless Steel AISI 316 S Wire Reel	45kg	1
KL150	Rize KL150 120kg SWL	120kg	10
R100Y	100 Mtr Y Wire Reel	120kg	1
R100Y/SS	100 Mtr Stainless Steel AISI 316 Y Wire Reel	100kg	1
KL200	Rize KL200 230kg SWL	230kg	10
R100P	100 Mtr P Wire Reel	230kg	1
R100P/SS	100 Mtr Stainless Steel AISI 316 P Wire Reel	200kg	1
KL600	Rize KL600 500kg SWL	500kg	10
R100N	100 mtr N wire reel	500kg	1
KL100LOK	Rize KL100 50kg SWL Lockable	50kg	10
KL150LOK	Rize KL150 120kg SWL Lockable	120kg	10
KL200LOK	Rize KL200 230kg SWL Lockable	230kg	10
KL600LOK	Rize KL600 500kg SWL Lockable	500kg	10



ZIP-LOCK



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg
- S 50kg
- Y 120kg

The system consists of wire and zip-clip with a friction free eye termination.

THE APPLICATIONS

Suitable for wrap around installations including:

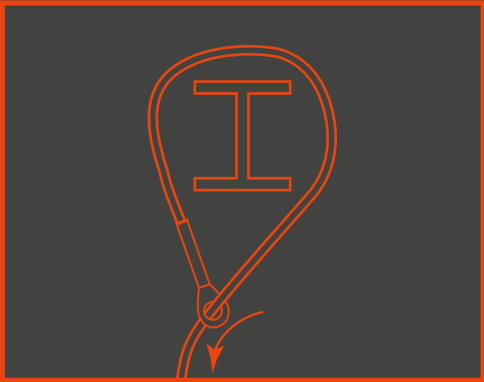
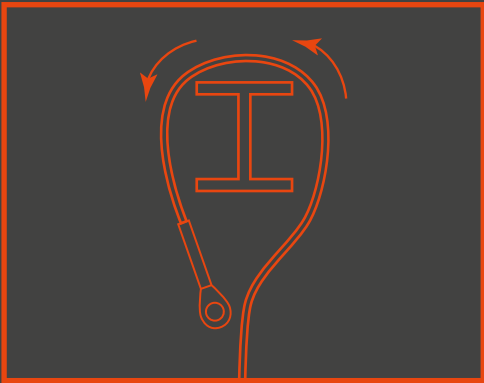
- Beams
- Purlins
- Roof Trusses
- And all other existing features

THE TECHNICAL INFORMATION

- Key free release system
- Precision Swaged Eye
- Frictionless system – No wire on wire
- Simple to use
- DW144 approved
- Trivalent zinc and clear galvanised
- Suspension can be inverted
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

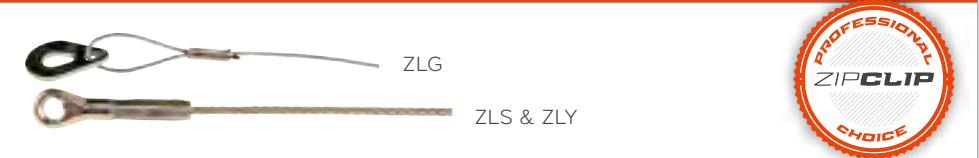
- Pass the wire around your purlin or beam
- Pass the free end of the wire through the eye to create a friction free fixing
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrow's indicated



THE RANGE

The system consists of wire and zip-clip with a friction free eye termination.

ZIP-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
ZLG1	1 Mtr eye suspension system	10kg	10
ZLG1.5	1.5 Mtr eye suspension system	10kg	10
ZLG2	2 Mtr eye suspension system	10kg	10
ZLG3	3 Mtr eye suspension system	10kg	10
ZLG4	4 Mtr eye suspension system	10kg	10
ZLG5	5 Mtr eye suspension system	10kg	10
ZLG6	6 Mtr eye suspension system	10kg	10
ZLG7	7 Mtr eye suspension system	10kg	10
ZLG8	8 Mtr eye suspension system	10kg	10
ZLG9	9 Mtr eye suspension system	10kg	10
ZLG10	10 Mtr eye suspension system	10kg	10
ZLS1	1 Mtr eye suspension system	50kg	10
ZLS1.5	1.5 Mtr eye suspension system	50kg	10
ZLS2	2 Mtr eye suspension system	50kg	10
ZLS3	3 Mtr eye suspension system	50kg	10
ZLS4	4 Mtr eye suspension system	50kg	10
ZLS5	5 Mtr eye suspension system	50kg	10
ZLS6	6 Mtr eye suspension system	50kg	10
ZLS7	7 Mtr eye suspension system	50kg	10
ZLS8	8 Mtr eye suspension system	50kg	10
ZLS9	9 Mtr eye suspension system	50kg	10
ZLS10	10 Mtr eye suspension system	50kg	10
ZLY1	1 Mtr eye suspension system	120kg	10
ZLY1.5	1.5 Mtr eye suspension system	120kg	10
ZLY2	2 Mtr eye suspension system	120kg	10
ZLY3	3 Mtr eye suspension system	120kg	10
ZLY4	4 Mtr eye suspension system	120kg	10
ZLY5	5 Mtr eye suspension system	120kg	5
ZLY6	6 Mtr eye suspension system	120kg	5
ZLY7	7 Mtr eye suspension system	120kg	5
ZLY8	8 Mtr eye suspension system	120kg	5
ZLY9	9 Mtr eye suspension system	120kg	5
ZLY10	10 Mtr eye suspension system	120kg	5



LOOP-IT



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg SWL
- S 45kg SWL
- Y 90kg SWL
- P 200kg SWL
- N 500kg SWL

The system consists of wire and zip-clip with a ferruled loop termination.

THE APPLICATIONS

Suitable for wrap around applications including:

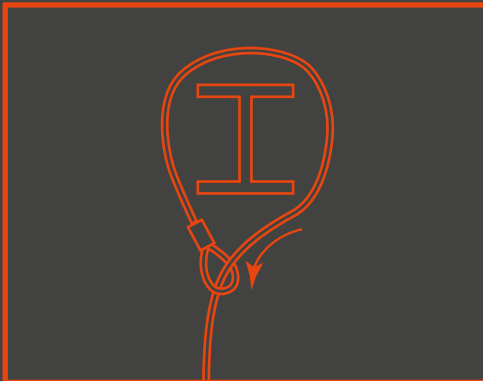
- Beams
- Purlins
- Roof Trusses
- And all other existing features

THE TECHNICAL INFORMATION

- Key free release system
- Simple to use
- Suspension can be inverted
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- Pass the wire around the purlin or beam
- Pass the free end of the wire through the loop
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around the required suspension and back through the zip-clip leaving 15 cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with a ferruled loop termination.



LOOP-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
PLEK1G	1 Mtr standard loop suspension system	10kg	10
PLEK2G	2 Mtr standard loop suspension system	10kg	10
PLEK3G	3 Mtr standard loop suspension system	10kg	10
PLEK4G	4 Mtr standard loop suspension system	10kg	10
PLEK5G	5 Mtr standard loop suspension system	10kg	10
PLEK10G	10 Mtr standard loopsuspension system	10kg	10
PLEK1S	1 Mtr standard loop suspension system	45kg	10
PLEK2S	2 Mtr standard loop suspension system	45kg	10
PLEK3S	3 Mtr standard loop suspension system	45kg	10
PLEK4S	4 Mtr standard loop suspension system	45kg	10
PLEK5S	5 Mtr standard loop suspension system	45kg	10
PLEK10S	10 Mtr standard loop suspension system	45kg	10
PLEK1Y	1 Mtr standard loop suspension system	90kg	10
PLEK2Y	2 Mtr standard loop suspension system	90kg	10
PLEK3Y	3 Mtr standard loop suspension system	90kg	10
PLEK4Y	4 Mtr standard loop suspension system	90kg	10
PLEK5Y	5 Mtr standard loop suspension system	90kg	5
PLEK10Y	10 Mtr standard loop suspension system	90kg	5
PLEK1P	1 Mtr standard loop suspension system	200kg	10
PLEK2P	2 Mtr standard loop suspension system	200kg	10
PLEK3P	3 Mtr standard loop suspension system	200kg	10
PLEK4P	4 Mtr standard loop suspension system	200kg	10
PLEK5P	5 Mtr standard loop suspension system	200kg	5
PLEK10P	10 Mtr standard loop suspension system	200kg	5
PLEK1N	1 Mtr standard loop suspension system	500kg	5
PLEK2N	2 Mtr standard loop suspension system	500kg	5
PLEK3N	3 Mtr standard loop suspension system	500kg	5
PLEK4N	4 Mtr standard loop suspension system	500kg	5
PLEK5N	5 Mtr standard loop suspension system	500kg	5
PLEK10N	10 Mtr standard loop suspension system	500kg	5



CON-LOCK



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg
- S 50kg
- Y 90kg

The system consists of wire and zip-clip with a CLA1 concrete anchor termination.

THE APPLICATIONS

Suitable for concrete applications including:

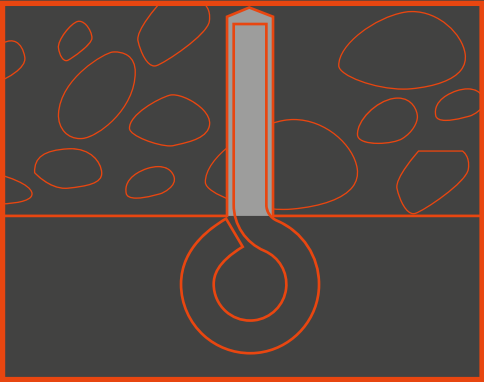
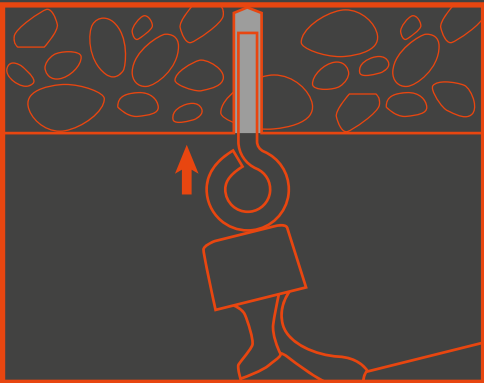
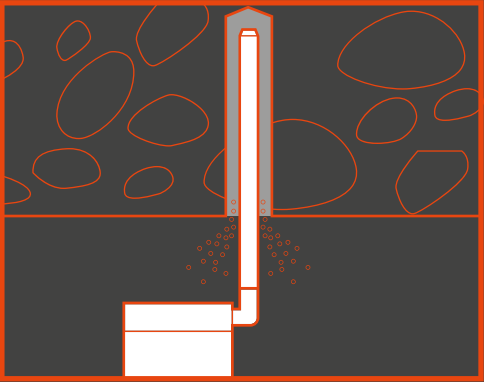
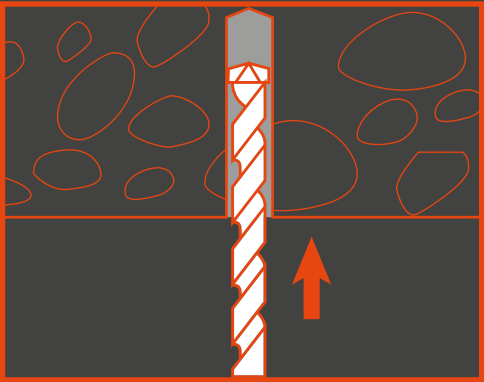
- Cracked concrete
- Reinforced concrete
- Slagged concrete
- Hollow pot

THE TECHNICAL INFORMATION

- Key free release system
- No claw back required
- Nail anchor for hammer set installation
- The installed nail anchor expands automatically under load, pulls the cone into the expansion clip and expands against the wall of the concrete.
- Can also be supplied with a double drop
- Shallow embedment
- ETA approved
- BS8539 Compliant
- High tensile galvanised wire 1960 N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- Drill a 6mm hole to a minimum depth of 30mm
- Blow the hole clean of dust and debris
- Hammer in the fixing
- Anchor is now fixed, no claw back required
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated






BS8539 Compliant

THE RANGE

The system consists of wire and zip-clip with a CLA1 concrete anchor termination.

CON-LOCK

  			
PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
CLG1	1 Mtr concrete suspension system	10kg	10
CLG2	2 Mtr concrete suspension system	10kg	10
CLG3	3 Mtr concrete suspension system	10kg	10
CLG4	4 Mtr concrete suspension system	10kg	10
CLG5	5 Mtr concrete suspension system	10kg	10
CLG10	10 Mtr concrete suspension system	10kg	10
CLS1	1 Mtr concrete suspension system	50kg	10
CLS2	2 Mtr concrete suspension system	50kg	10
CLS3	3 Mtr concrete suspension system	50kg	10
CLS4	4 Mtr concrete suspension system	50kg	10
CLS5	5 Mtr concrete suspension system	50kg	10
CLS10	10 Mtr concrete suspension system	50kg	10
CLY1	1 Mtr concrete suspension system	90kg	10
CLY2	2 Mtr concrete suspension system	90kg	10
CLY3	3 Mtr concrete suspension system	90kg	10
CLY4	4 Mtr concrete suspension system	90kg	10
CLY5	5 Mtr concrete suspension system	90kg	5
CLY10	10 Mtr concrete suspension system	90kg	5



ANCHOR-IT



THE SPECIFICS

The range consists of a predetermined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg SWL
- S 35kg SWL

The system consists of wire and zip-clip with a ferruled CLA2 concrete anchor termination

THE APPLICATIONS

Suitable for concrete applications including:

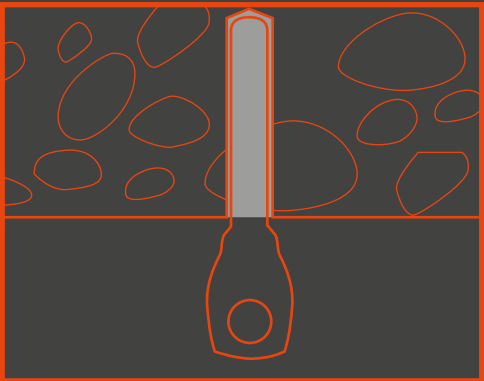
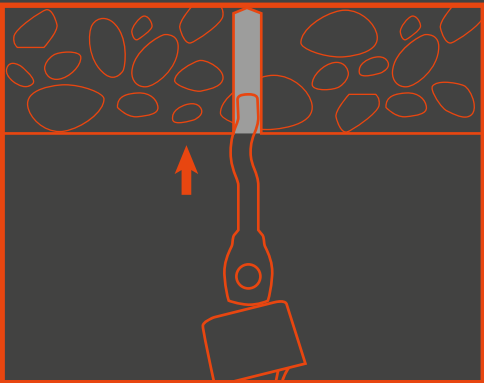
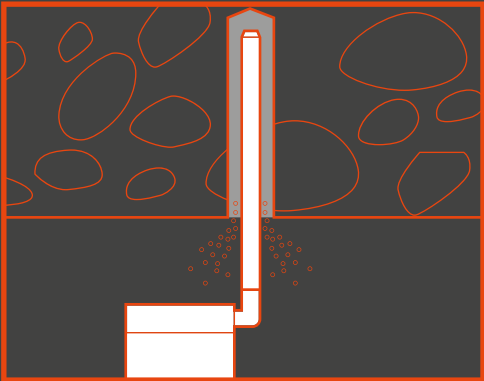
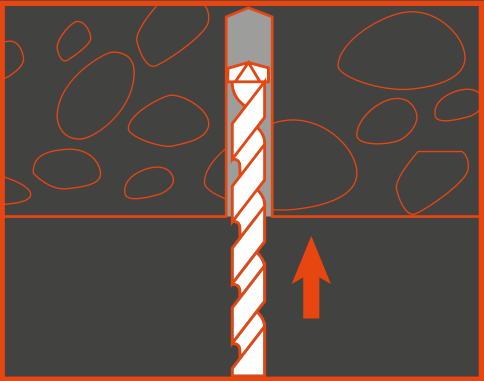
- Solid brick
- Compressive resistant stone
- Reinforced concrete
- Slagged concrete C15/C35

THE TECHNICAL INFORMATION

- Key free release system
- Vibration resistant
- Zinc plated pre-expanded through bolt
- 30mm long
- 5mm wide
- 6mm head width
- 30mm embedment depth
- 5mm drill diameter required
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- Drill a 5mm hole to a minimum depth of 30mm
- Blow the hole clean of dust and debris
- Drive the anchor into the hole until the head is firmly seated against the base material. Be sure the anchor is driven to the required embedment depth.
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding.
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with a ferruled CLA2 concrete anchor termination.



ANCHOR-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
PLCAK1G	1 Mtr standard concrete suspension system	10kg	10
PLCAK2G	2 Mtr standard concrete suspension system	10kg	10
PLCAK3G	3 Mtr standard concrete suspension system	10kg	10
PLCAK4G	4 Mtr standard concrete suspension system	10kg	10
PLCAK5G	5 Mtr standard concrete suspension system	10kg	10
PLCAK10G	10 Mtr standard concrete suspension system	10kg	10
PLCAK1S	1 Mtr standard concrete suspension system	35kg	10
PLCAK2S	2 Mtr standard concrete suspension system	35kg	10
PLCAK3S	3 Mtr standard concrete suspension system	35kg	10
PLCAK4S	4 Mtr standard concrete suspension system	35kg	10
PLCAK5S	5 Mtr standard concrete suspension system	35kg	10
PLCAK10S	10 Mtr standard concrete suspension system	35kg	10

THREAD-IT



THE SPECIFICS

The range consists of a predetermined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg SWL - M6 x 20 threaded end
- S 45kg SWL - M6 x 45 or M8 x 25 threaded end
- Y 90kg SWL - M8 x 25 threaded end

The system consists of wire and zip-clip with a choice of M6 or M8 threaded termination.

THE APPLICATIONS

Suitable for:

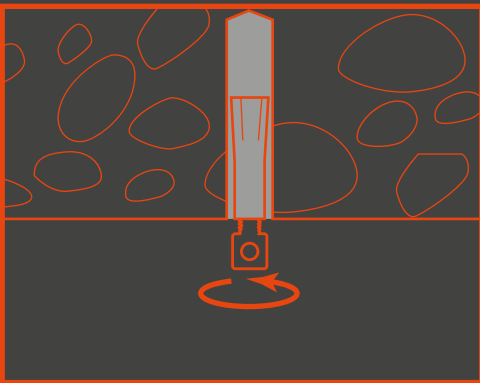
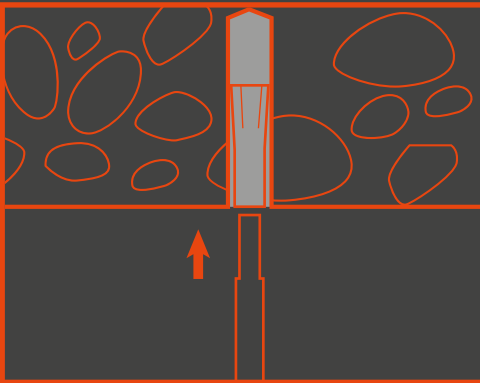
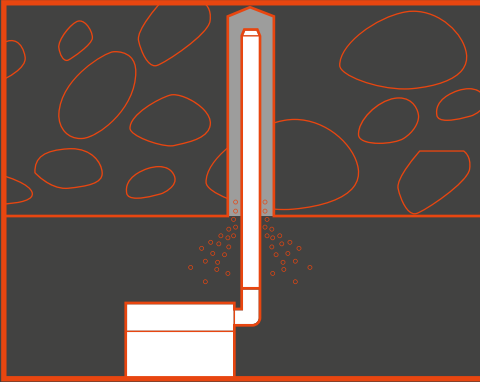
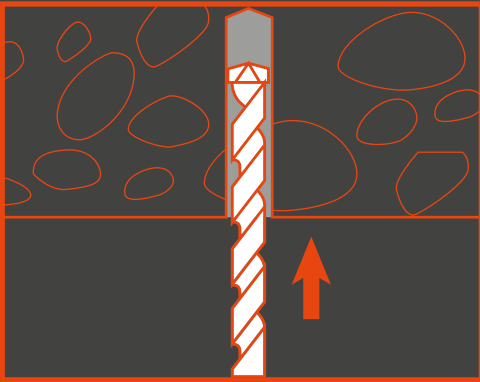
- Concrete
- Lindapter wedges
- Busbar
- Lighting trunking
- Ducting
- Cable management
- Signage

THE TECHNICAL INFORMATION

- Key free release system
- Comes with M6 or M8 eyebolt as standard
- Other eyebolts available on request
- Suspension can be inverted
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- For use in concrete, ensure that the drop in anchor is correctly fixed then thread the M6/M8 stud into place
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- The stud can be used in reverse configuration and threaded into the product to be suspended
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated

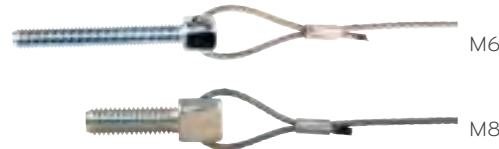


THE RANGE

The system consists of wire and zip-clip with a choice of M6 or M8 threaded termination.



THREAD-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
PLTRK1G/M6x20	1 M standard M6x20 threaded suspension system	10kg	10
PLTRK2G/M6x20	2 M standard M6x20 threaded suspension system	10kg	10
PLTRK3G/M6x20	3 M standard M6x20 threaded suspension system	10kg	10
PLTRK4G/M6x20	4 M standard M6x20 threaded suspension system	10kg	10
PLTRK5G/M6x20	5 M standard M6x20 threaded suspension system	10kg	10
PLTRK10G/M6x20	10 M standard M6x20 threaded suspension system	10kg	10
PLTRK1S/M6x45	1 M standard M6x45 threaded suspension system	45kg	10
PLTRK2S/M6x45	2 M standard M6x45 threaded suspension system	45kg	10
PLTRK3S/M6x45	3 M standard M6x45 threaded suspension system	45kg	10
PLTRK4S/M6x45	4 M standard M6x45 threaded suspension system	45kg	10
PLTRK5S/M6x45	5 M standard M6x45 threaded suspension system	45kg	10
PLTRK10S/M6x45	10 M standard M6x45 threaded suspension system	45kg	10
PLTRK1S/M8X25	1 M standard M8x25 threaded suspension system	45kg	10
PLTRK2S/M8X25	2 M standard M8x25 threaded suspension system	45kg	10
PLTRK3S/M8X25	3 M standard M8x25 threaded suspension system	45kg	10
PLTRK4S/M8X25	4 M standard M8x25 threaded suspension system	45kg	10
PLTRK5S/M8X25	5 M standard M8x25 threaded suspension system	45kg	10
PLTRK10S/M8X25	10 M standard M8x25 threaded suspension system	45kg	10
PLTRK1Y/M8X25	1 M standard M8x25 threaded suspension system	90kg	10
PLTRK2Y/M8X25	2 M standard M8x25 threaded suspension system	90kg	10
PLTRK3Y/M8X25	3 M standard M8x25 threaded suspension system	90kg	10
PLTRK4Y/M8X25	4 M standard M8x25 threaded suspension system	90kg	10
PLTRK5Y/M8x25	5 M standard M8x25 threaded suspension system	90kg	5
PLTRK10Y/M8x25	10 M standard M8x25 threaded suspension system	90kg	5

EYEBOLT SIZES ALSO AVAILABLE:

IMAGE	PRODUCT CODE	DESCRIPTION
	UNI6M60	M6 x 60mm eyebolt
	UNI8M60	M8 x 60mm eyebolt
	UNI10M60	M10 x 60mm eyebolt



DEC-LOCK



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Loads:

- G 10kg
- S 50kg

The system consists of wire and zip-clip with a decking fixing termination.

THE APPLICATIONS

Suitable for decking applications including:

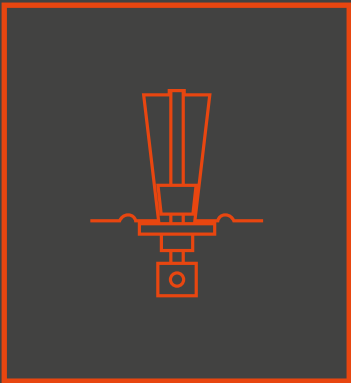
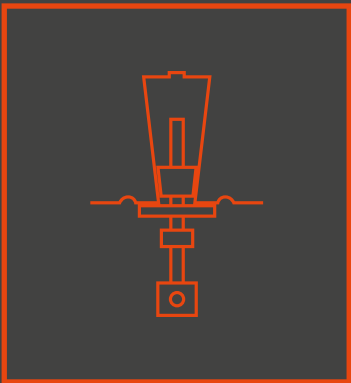
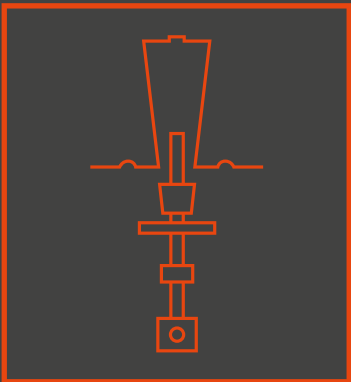
- Kingspan Structural Products
- Structural Metal Decks (SMD) and other steel decking manufacturers

THE TECHNICAL INFORMATION

- Key free release system
- All components are fully assembled
- No onsite assembly required
- Lockable system, no drilling required
- Suitable where access to purlin is not available
- CNC engineered M6 x 45mm eyelet
- Trivalent zinc and clear galvanised eyelet, nut and washer
- High tensile galvanised wire 1960 N/mm² grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

- Push the end fixing into decking profile and turn through 90 degrees
- Screw the eyebolt to the top of the decking profile
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with a decking fixing termination.



DEC-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
DLG1	1 Mtr decking suspension system	10kg	10
DLG2	2 Mtr decking suspension system	10kg	10
DLG3	3 Mtr decking suspension system	10kg	10
DLG4	4 Mtr decking suspension system	10kg	10
DLG5	5 Mtr decking suspension system	10kg	10
DLG10	10 Mtr decking suspension system	10kg	10
DLS1	1 Mtr decking suspension system	50kg	10
DLS2	2 Mtr decking suspension system	50kg	10
DLS3	3 Mtr decking suspension system	50kg	10
DLS4	4 Mtr decking suspension system	50kg	10
DLS5	5 Mtr decking suspension system	50kg	10
DLS10	10 Mtr decking suspension system	50kg	10

DECKING TYPE	STANDARD WEDGE Size: 25mm (Top of Wedge) x 18mm (Base of Wedge) x 12mm (Width)	MINI WEDGE Size: 19mm (Top of Wedge) x 12mm (Base of Wedge) x 9.5mm (Width)	MINI MINI WEDGE Size: 18.5mm (top of Wedge) x 10mm (Base of Wedge) x 9.5mm (Width)
Richard Lees Holrib	✓		
Richard Lees Super Holrib	✓		
Quickspan Decking Q51	✓		
Corus/Tata CF51	✓		
Alpha Decking Alpharib	✓		
SMD R51	✓		
Ward Multideck 50	✓		
Corus/Tata NSD	✓		
Kingspan Multi-deck 50-V2	✓		
CMF Decking Metfloor 55	✓		
Richard Lees Ribdeck 60 profile		✓	
Quickspan Decking Q60		✓	
Richard Lees Ribdeck 80 Profile			✓
PMF Decking CF70			✓

KNOCK-IT

THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg SWL
- S 35kg SWL

The system consists of wire and zip-clip with a purlin fixing termination.

THE APPLICATIONS

Knock onto purlin
Suitable for:

- Lighting
- Plenum boxes
- Chilled Beams
- Radiant heat panels
- Metal cladding
- Thin tin roofs
- Cable tray
- Accoustic boards

THE TECHNICAL INFORMATION

- Key free release system
- Available with both 1-5mm and 5-7mm purlin clips as standard
- Other hangers available on request
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- Hook purlin clip over the lip of the purlin. Strike with hammer to ensure a secure fixing.
- Pass the wire through the zip-clip in the direction of the arrow.
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding.
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrow's indicated



THE RANGE

The system consists of wire and zip-clip with a purlin fixing termination.

KNOCK-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
VLG1	1 Mtr standard 1-5mm decking suspension system	10kg	10
VLG2	2 Mtr standard 1-5mm decking suspension system	10kg	10
VLG3	3 Mtr standard 1-5mm decking suspension system	10kg	10
VLG4	4 Mtr standard 1-5mm decking suspension system	10kg	10
VLG5	5 Mtr standard 1-5mm decking suspension system	10kg	10
VLG10	10 Mtr standard 1-5mm decking suspension system	10kg	10
VLS1	1 Mtr standard 1-5mm decking suspension system	35kg	10
VLS2	2 Mtr standard 1-5mm decking suspension system	35kg	10
VLS3	3 Mtr standard 1-5mm decking suspension system	35kg	10
VLS4	4 Mtr standard 1-5mm decking suspension system	35kg	10
VLS5	5 Mtr standard 1-5mm decking suspension system	35kg	10
VLS10	10 Mtr standard 1-5mm decking suspension system	35kg	10
VLG1/2	1 Mtr standard 5-7mm decking suspension system	10kg	10
VLG2/2	2 Mtr standard 5-7mm decking suspension system	10kg	10
VLG3/2	3 Mtr standard 5-7mm decking suspension system	10kg	10
VLG4/2	4 Mtr standard 5-7mm decking suspension system	10kg	10
VLG5/2	5 Mtr standard 5-7mm decking suspension system	10kg	10
VLG10/2	10 Mtr standard 5-7mm decking suspension system	10kg	10
VLS1/2	1 Mtr standard 5-7mm decking suspension system	35kg	10
VLS2/2	2 Mtr standard 5-7mm decking suspension system	35kg	10
VLS3/2	3 Mtr standard 5-7mm decking suspension system	35kg	10
VLS4/2	4 Mtr standard 5-7mm decking suspension system	35kg	10
VLS5/2	5 Mtr standard 5-7mm decking suspension system	35kg	10
VLS10/2	10 Mtr standard 5-7mm decking suspension system	35kg	10

Please ensure the loadings are within the purlin manufacturers guidelines.

If a higher loading is required please refer to our wrap around systems.



TOGGLE-IT



THE SPECIFICS

The range consists of a predetermined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg SWL
- S 35kg SWL
- Y 90kg SWL

The system consists of wire and zip-clip with a toggle termination.

THE APPLICATIONS

Suitable for:

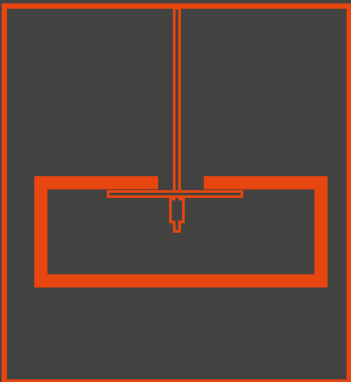
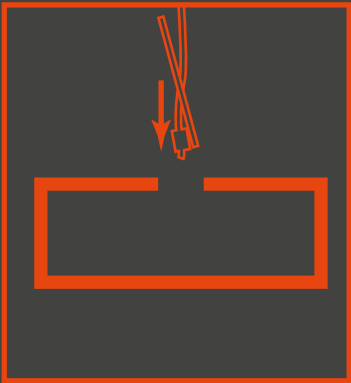
- Lighting
- Plenum boxes
- Chilled beams
- Radiant heat panels
- Metal cladding
- Thin tin roofs
- Cable tray
- Acoustic boards

THE TECHNICAL INFORMATION

- Key free release system
- Three different toggles available to suit light and medium weight applications
- BZP toggles
- Suspension can be inverted
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- By inverting the toggle parallel to the wire it will swing through 90 degrees
- Push into the product being suspended
- Ensure hole is no larger than 12mm diameter
- Pass the free end of the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with a toggle termination.

TOGGLE-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
PTE1GK	1 Mtr standard toggle suspension system	10kg	10
PTE2GK	2 Mtr standard toggle suspension system	10kg	10
PTE3GK	3 Mtr standard toggle suspension system	10kg	10
PTE4GK	4 Mtr standard toggle suspension system	10kg	10
PTE5GK	5 Mtr standard toggle suspension system	10kg	10
PTE10GK	10 Mtr standard toggle suspension system	10kg	10
PTE1SK	1 Mtr standard toggle suspension system	35kg	10
PTE2SK	2 Mtr standard toggle suspension system	35kg	10
PTE3SK	3 Mtr standard toggle suspension system	35kg	10
PTE4SK	4 Mtr standard toggle suspension system	35kg	10
PTE5SK	5 Mtr standard toggle suspension system	35kg	10
PTE10SK	10 Mtr standard toggle suspension system	35kg	10
PTE1YK	1 Mtr standard toggle suspension system	90kg	10
PTE2YK	2 Mtr standard toggle suspension system	90kg	10
PTE3YK	3 Mtr standard toggle suspension system	90kg	10
PTE4YK	4 Mtr standard toggle suspension system	90kg	10
PTE5YK	5 Mtr standard toggle suspension system	90kg	5
PTE10YK	10 Mtr standard toggle suspension system	90kg	5



SNAP-IT



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- G 10kg SWL
- S 45kg SWL
- Y 90kg SWL

The system consists of wire and zip-clip with an eyelet carabiner termination.

THE APPLICATIONS

Suitable for:

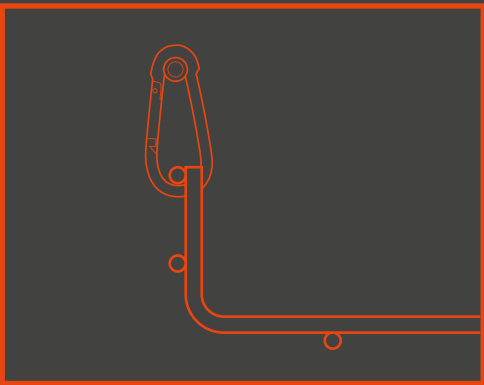
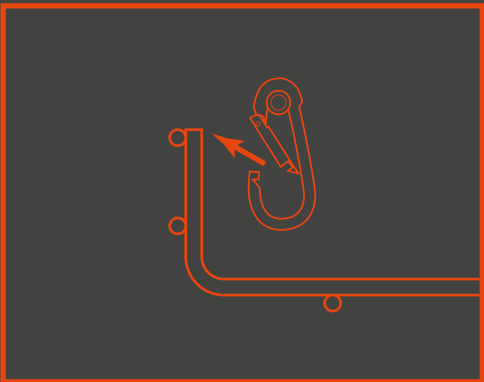
- Snapping onto purlin hangers
- Chilled beams
- Lighting
- Heating panels
- Signage
- Attaching to existing structures

THE TECHNICAL INFORMATION

- Key free release system
- Simple to use
- 5 x 50 on G and S range and 6 x 60 on Y range BZP carabiner hook
- Eyelet prevents accidental un-hooking of carabiner from wire
- Maintenance friendly
- Suspension can be inverted
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard

THE INSTALLATION

- Snap the carabiner onto the purlin hanger or product to be supported
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with an eyelet carabiner termination.

SNAP-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
PSEK1G	1 Mtr standard eyelet carabiner suspension system	10kg	10
PSEK2G	2 Mtr standard eyelet carabiner suspension system	10kg	10
PSEK3G	3 Mtr standard eyelet carabiner suspension system	10kg	10
PSEK4G	4 Mtr standard eyelet carabiner suspension system	10kg	10
PSEK5G	5 Mtr standard eyelet carabiner suspension system	10kg	10
PSEK10G	10 Mtr standard eyelet carabiner suspension system	10kg	10
PSEK1S	1 Mtr standard eyelet carabiner suspension system	45kg	10
PSEK2S	2 Mtr standard eyelet carabiner suspension system	45kg	10
PSEK3S	3 Mtr standard eyelet carabiner suspension system	45kg	10
PSEK4S	4 Mtr standard eyelet carabiner suspension system	45kg	10
PSEK5S	5 Mtr standard eyelet carabiner suspension system	45kg	10
PSEK10S	10 Mtr standard eyelet carabiner suspension system	45kg	10
PSEK1Y	1 Mtr standard eyelet carabiner suspension system	90kg	10
PSEK2Y	2 Mtr standard eyelet carabiner suspension system	90kg	10
PSEK3Y	3 Mtr standard eyelet carabiner suspension system	90kg	10
PSEK4Y	4 Mtr standard eyelet carabiner suspension system	90kg	10
PSEK5Y	5 Mtr standard eyelet carabiner suspension system	90kg	5
PSEK10Y	10 Mtr standard eyelet carabiner suspension system	90kg	5



UNI-LOCK



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Loads:

- G 10kg (Gas Nail / Screw)
- S 50kg SWL

The system consists of wire and zip-clip with a right angle bracket termination.

THE APPLICATIONS

Suitable for:

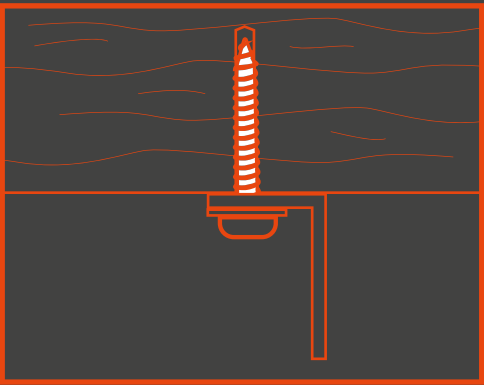
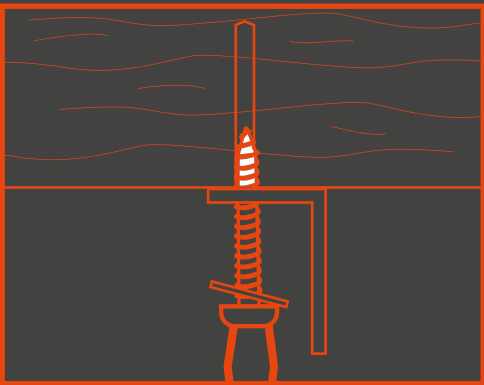
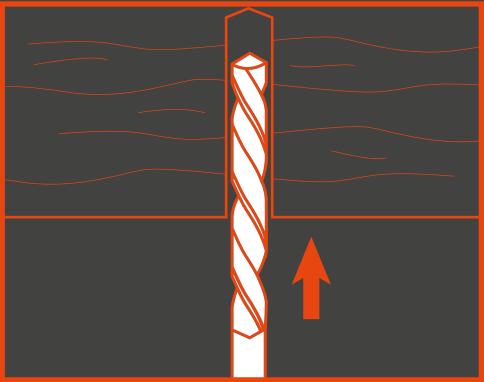
- Concrete Slab
- Metal decking and other steel structures
- Wooden structures

THE TECHNICAL INFORMATION

- Key free release system
- Suitable for both plug and screw and shot fire applications
- Tear drop shape allows for wire to rotate through 180° in the bracket for angled applications
- Wire rotation reduces pressure on the nail when service is not directly below anchor point
- Trivalent zinc and clear galvanised
- Fix with:
 - » Wood screw
 - » Plug and screw
 - » Concrete screw
 - » Tek screw
 - » Gas/Pat nail
- Suspension can be inverted
- High tensile galvanised wire 1960 N/mm² grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

- For timber applications, pre-drill timber and use a screw to fix through the bracket
- For steel and concrete applications use self tapping fixing or a gas nailer with a suitable nail
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with a right angle bracket termination.



UNI-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
ULG1	1 Mtr angle bracket suspension system	10kg	10
ULG2	2 Mtr angle bracket suspension system	10kg	10
ULG3	3 Mtr angle bracket suspension system	10kg	10
ULG4	4 Mtr angle bracket suspension system	10kg	10
ULG5	5 Mtr angle bracket suspension system	10kg	10
ULG10	10 Mtr angle bracket suspension system	10kg	10
ULS1	1 Mtr angle bracket suspension system	50kg	10
ULS2	2 Mtr angle bracket suspension system	50kg	10
ULS3	3 Mtr angle bracket suspension system	50kg	10
ULS4	4 Mtr angle bracket suspension system	50kg	10
ULS5	5 Mtr angle bracket suspension system	50kg	10
ULS10	10 Mtr angle bracket suspension system	50kg	10

BRACKET SIZES ALSO AVAILABLE:

IMAGE	PRODUCT CODE	DESCRIPTION
	HCB2	90 Degree bracket with 7.0mm and 5.0mm hole, 1.3mm gauge suitable for S wire
	HCB3	90 Degree bracket with 6.5mm holes, 2.0mm gauge suitable for Y wire

SHOT-LOCK



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Loads:

- G 10kg
- S 25kg

The system consists of wire and zip-clip with a shot fire termination complete with a ballistic point.

THE APPLICATIONS

Suitable for fixing substrates including:

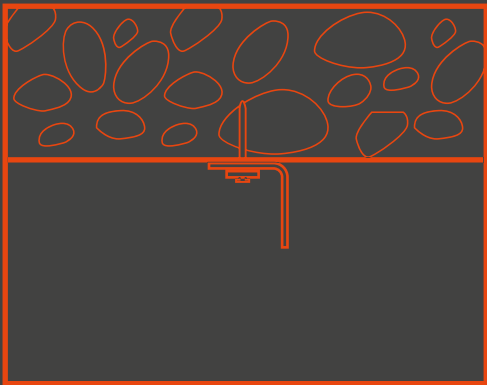
- Concrete slab
- Profile steel decking
- Steel Beams. SFN19 metal nail required

THE TECHNICAL INFORMATION

- Key free release system
- Available in single or double wire drop
- Eliminates drilling
- Tear drop shape allows for wire to rotate through 180° in bracket for angled applications
- Wire rotation reduces pressure on nail when service is not directly below anchor point
- Ballistic point nail compatible with a range of Powder Actuated Tools (PAT)
 - » Hilti DX460
 - » Hilti DXA40
 - » Hilti DXA41
 - » Hilti DX351
 - » Spit P200
 - » Spit P370
- High tensile galvanised wire 1960 N/mm² grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

- Ensure substrate is suitable for nail and cartridge
- Locate nail into the barrel of the Powder Actuated Tool
- For firing follow the gun manufacturers' guidelines
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire and zip-clip with shot fire termination complete with a ballistic point.



SHOT-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
SLPG1	1 Mtr shot fire suspension system	10kg	10
SLPG2	2 Mtr shot fire suspension system	10kg	10
SLPG3	3 Mtr shot fire suspension system	10kg	10
SLPG4	4 Mtr shot fire suspension system	10kg	10
SLPG5	5 Mtr shot fire suspension system	10kg	10
SLPG10	10 Mtr shot fire suspension system	10kg	10
SLPS1	1 Mtr shot fire suspension system	25kg	10
SLPS2	2 Mtr shot fire suspension system	25kg	10
SLPS3	3 Mtr shot fire suspension system	25kg	10
SLPS4	4 Mtr shot fire suspension system	25kg	10
SLPS5	5 Mtr shot fire suspension system	25kg	10
SLPS10	10 Mtr shot fire suspension system	25kg	10



PLUS ON-WIRE



THE SPECIFICS

- The range consists of a pre-determined length of wire with either a loop, concrete anchor or M8 eyebolt.
- 90kg SWL (concrete anchor)
 - 100kg SWL (loop or eye fixing)
 - Locking C-Clip
 - High tensile wire rope 1-10m
 - Red safety cap

The system consists of wire and plus clip with either a loop, concrete anchor or M8 eyebolt termination

THE APPLICATIONS

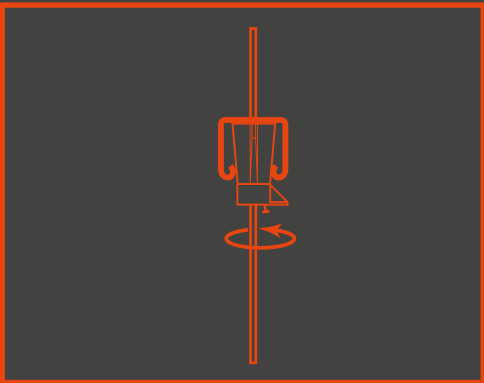
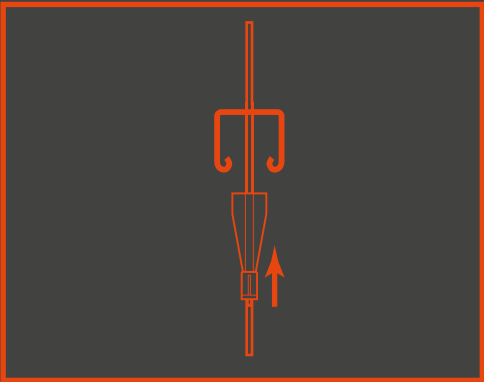
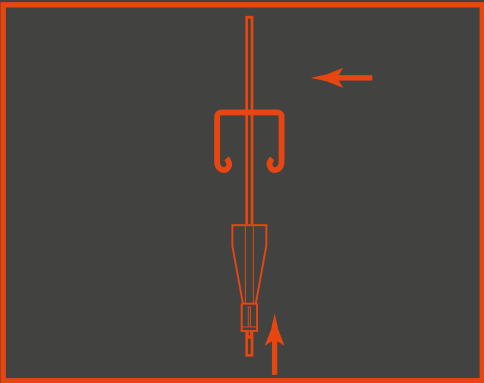
- Suitable for supporting:
- Heavy duty single and multi-tier trapeze brackets
 - Modular Systems
 - Rectangular Ducting
 - Ladder Rack

THE TECHNICAL INFORMATION

- Key free release. No tools required
- Flexible, ideal if anchor point is not straight above
- Easy to cut
- Speed of installation
- Fully lockable into slotted channel
- Zamac 5 housing incorporating oil impregnated sintered steel wedge
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

- Loop, screw or drill your end into or around your chosen anchor point
- Position plus clip into channel and slide the wire through the clip
- To adjust simply release the load from the Plus clip by pushing the clip up the wire. Then simply pull down on the release key at the same time



THE RANGE

The system consists of wire and plus clip with either a loop, concrete anchor or M8 eyebolt termination. Designed for heavy duty trapeze brackets.

PLUS ON-WIRE



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
PLR1	1 Mtr loop suspension system	100kg	10
PLR2	2 Mtr loop suspension system	100kg	10
PLR3	3 Mtr loop suspension system	100kg	10
PLR4	4 Mtr loop suspension system	100kg	10
PLR5	5 Mtr loop suspension system	100kg	5
PLR10	10 Mtr loop suspension system	100kg	5
PLR1C	1 Mtr concrete suspension system	90kg	10
PLR2C	2 Mtr concrete suspension system	90kg	10
PLR3C	3 Mtr concrete suspension system	90kg	10
PLR4C	4 Mtr concrete suspension system	90kg	10
PLR5C	5 Mtr concrete suspension system	90kg	5
PLR10C	10 Mtr concrete suspension system	90kg	5
PLR1E8	1 Mtr M8x60 threaded suspension system	100kg	10
PLR2E8	2 Mtr M8x60 threaded suspension system	100kg	10
PLR3E8	3 Mtr M8x60 threaded suspension system	100kg	10
PLR4E8	4 Mtr M8x60 threaded suspension system	100kg	10
PLR5E8	5 Mtr M8x60 threaded suspension system	100kg	5
PLR10E8	10 Mtr M8x60 threaded suspension system	100kg	5
PLU02	Plus Clip		10



CHAN-LOCK



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Loads:

- G 10kg SWL (on request)
- S 20kg SWL

The system consists of wire, zip-clip and a push fit Chan-Lock hanger with either a ferruled loop, concrete anchor or M6 eyebolt termination.

THE APPLICATIONS

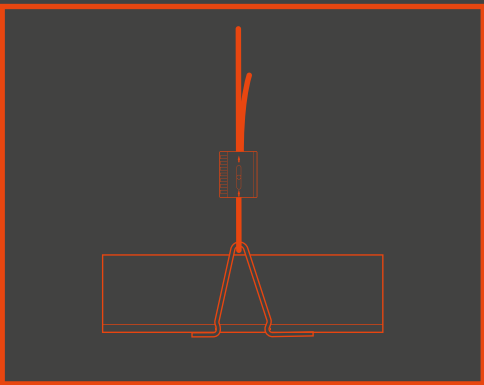
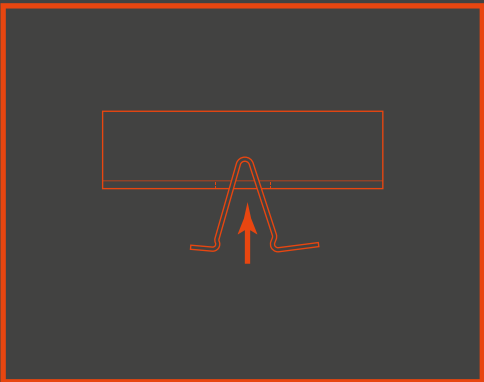
- Single tier lightweight trapeze brackets
- Compatible with slotted channel

THE TECHNICAL INFORMATION

- Key free release system
- Galvanised spring metal
- Designed for 41x41 and 41x21 channel
- Short leg to eliminate overhang
- Tool free installation
- Posi-Fit push fit system
- Can be inserted into channel with slots facing either up or down

THE INSTALLATION



- Simply push the Chan-Lock into the strut, ensuring that the short leg is at the cut end of the channel
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of wire, zip-clip and a push fit Chan-Lock hanger with either a ferruled loop, concrete anchor or M6 eyebolt termination

System **MUST NOT** be overloaded
Ensure services are loaded evenly

CHAN-LOCK			
			
PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
CHZ1S	1 Mtr channel loop suspension system	20kg	10
CHZ2S	2 Mtr channel loop suspension system	20kg	10
CHZ3S	3 Mtr channel loop suspension system	20kg	10
CHZ4S	4 Mtr channel loop suspension system	20kg	10
CHZ5S	5 Mtr channel loop suspension system	20kg	10
CHZ10S	10 Mtr channel loop suspension system	20kg	10
CHC1S	1 Mtr channel concrete suspension system	20kg	10
CHC2S	2 Mtr channel concrete suspension system	20kg	10
CHC3S	3 Mtr channel concrete suspension system	20kg	10
CHC4S	4 Mtr channel concrete suspension system	20kg	10
CHC5S	5 Mtr channel concrete suspension system	20kg	10
CHC10S	10 Mtr channel concrete suspension system	20kg	10
CHTR1S/M6x45	1 Mtr channel M6x45 threaded suspension system	20kg	10
CHTR2S/M6x45	2 Mtr channel M6x45 threaded suspension system	20kg	10
CHTR3S/M6x45	3 Mtr channel M6x45 threaded suspension system	20kg	10
CHTR4S/M6x45	4 Mtr channel M6x45 threaded suspension system	20kg	10
CHTR5S/M6x45	5 Mtr channel M6x45 threaded suspension system	20kg	10
CHTR10S/M6x45	10 Mtr channel M6x45 threaded suspension system	20kg	10
CH1	Chan-Lock Push Fit Hanger	20kg	10



TRY-LOCK



THE SPECIFICS

The range consists of two pre-determined lengths of wire to support basket and tray with the following choice of Safe Working Loads:

- G 10kg (on request)
- S 50kg

Designed to be used in conjunction with Rize, Zip-Lock, Con-Lock, Dec-Lock, Shot-Lock and Uni-Lock

THE APPLICATIONS

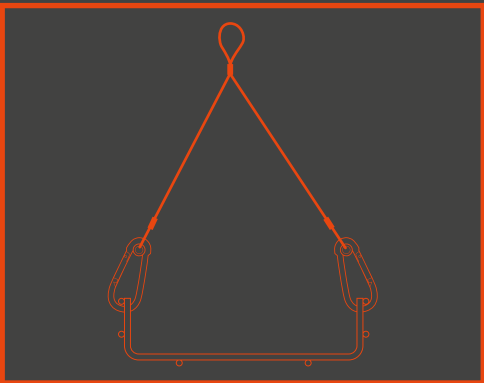
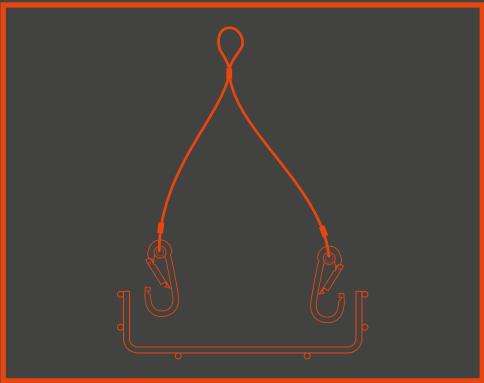
- Suitable for suspending containment and bracketry:
- Cable Basket
 - Cable Tray
 - Channel Supports
 - Chilled Beams
 - Radiant Heat Panels

THE TECHNICAL INFORMATION

- Reduces the use of studding and channel
- One fixing point per drop
- Allows for side loading
- Height can be adjusted at basket and not at fixing
- Can be fixed to basket at ground level
- Plastic protection sleeve preventing wire on wire friction
- 5 x 50 BZP carabiner hook
- Eyelets prevent accidental un-hooking of carabiner from wire
- High tensile galvanised wire 1960 N/mm2 grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

- The attachment of the Try-Lock system can be done at ground level
- Clip the carabiner to one side of the basket or cable tray
- Clip the other carabiner to the other side of the basket or cable tray
- Pass the free end of the wire from your top suspension through the zip-clip in the direction of the arrow
- Pass through the plastic protected loop of the Try-Lock and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated
- Legs should not exceed 60 degrees



THE RANGE

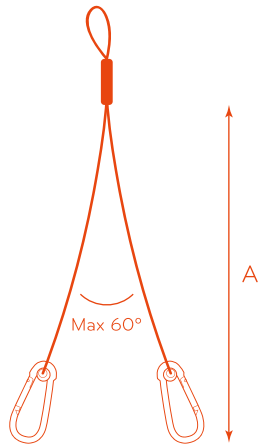
Service support to be used in conjunction with RIZE, Zip-Lock, Con-Lock, Dec-Lock, Shot-Lock and Uni-Lock, reducing the use studding and channel



TRY-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
TRS50-200	Eyelet carabiner suspension system suitable for spans of 50-200mm	50kg	10
TRS300-400	Eyelet carabiner suspension system suitable for spans of 300-400mms	50kg	10



TRS50-200 A = 300mm
TRS300-400 A =460mm



LUMA-LOCK



THE SPECIFICS

The range consists of pre-determined lengths of wire for the installation of primary and secondary installations with a choice of Safe Working Loads:

- G 10kg SWL
- S 35kg SWL

Designed to be used in conjunction with Rize, Zip-Clip, Con-Lock, Dec-Lock, Shot-Lock and Uni-Lock

THE APPLICATIONS

Suitable for primary and secondary support for suspending:

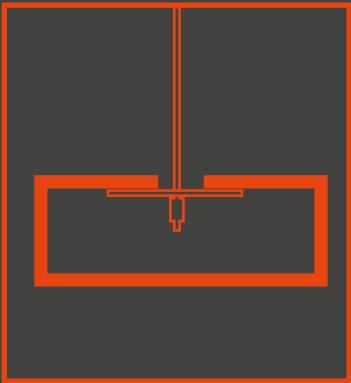
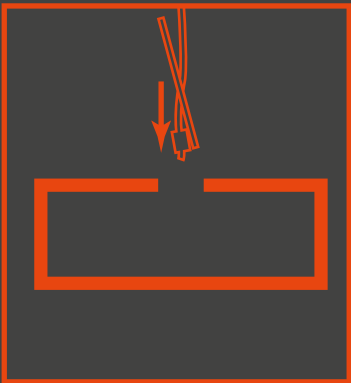
- Lighting Fittings
- Heat Panels
- Plenum Boxes
- Basket, Ladder and Tray

THE TECHNICAL INFORMATION

- Reduces the use of studding and channel
- One fixing point per drop
- Can be fixed to installation at ground level
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 Standard

THE INSTALLATION

- The attachment of the Luma-Lock system can be done at ground level
- Attach the two toggles through the rear of the system being suspended
- By inverting the toggle parallel to the wire the toggle will swing through 90 degrees
- Ensure hole is no larger than 12mm diameter
- Pass the free end of the wire from your top suspension through the zip-clip in the direction of the arrow
- Pass through the plastic protected loop of the Luma-Lock and back through the zip-clip leaving 15cm of wire protruding
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated
- Legs should not exceed 60 degrees





THE RANGE

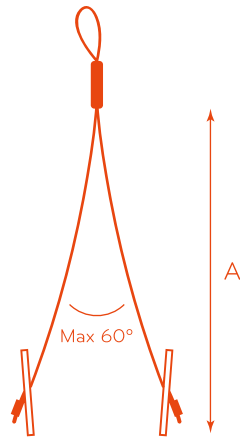
Service support to be used in conjunction with RIZE, Zip-Lock, Con-Lock, Dec-Lock, Shot-Lock and Unit-Lock, reducing the use studding and channel



LUMA-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
LUMG50-200	Toggle suspension system suitable for spans of 50-200mm	10kg	10
LUMG300-400	Toggle suspension system suitable for spans of 300-400mm	10kg	10
LUMG600	Toggle suspension system suitable for spans of 600mm	10kg	10
LUM50-200	Toggle suspension system suitable for spans of 50-200mm	35kg	10
LUM300-400	Toggle suspension system suitable for spans of 300-400mm	35kg	10
LUM600	Toggle suspension system suitable for spans of 600mm	35kg	10



LUMG50-200 A = 300mm
LUMG300-400 A = 460mm
LUMG600 A = 550mm
LUM50-200 A = 300mm
LUM300-400 A = 460mm
LUM600 A = 550mm



THE SPECIFICS

The range consists of a pre-determined length of wire from 1 metre to 3 metres with a choice of Safe Working Load:

- Carabiner end:
- S 50kg SWL
 - Y 90kg SWL
- Toggle end:
- G 10kg SWL
 - S 35kg SWL
 - Y 90kg SWL

The system consists of a pre-determined length of wire with a second ferruled leg and a choice of either carabiner or toggle ends.

THE APPLICATIONS

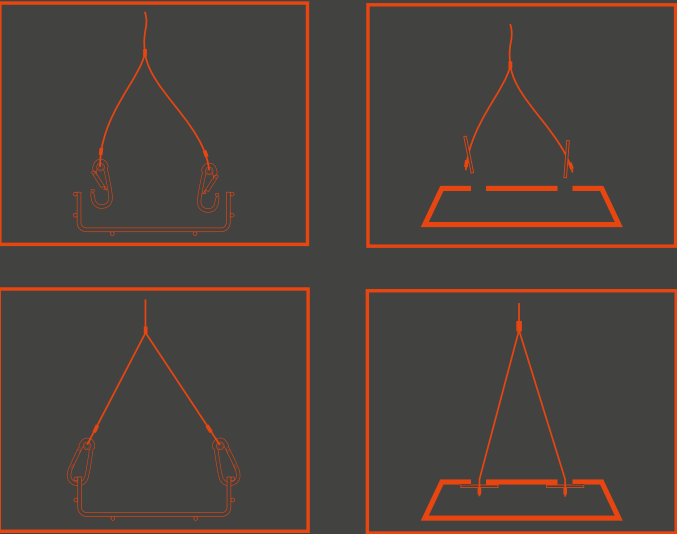
- Carabiner end:
- Cable basket
 - Cable tray
 - Channel supports
 - Chilled beams
 - Radiant heat panels
- Toggle end:
- Lighting fittings
 - Heat panels
 - Plenum boxes
 - Basket, ladder and tray

THE TECHNICAL INFORMATION

- Key free release system
- High tensile galvanised wire 1960N/mm² grade 7 x 7 construction
- BSEN 12385 standard
- One fixing point per drop
- Allows for side loading
- Can be fixed at ground level
- Reduces the use of studding and channel
- Ideal for short suspensions

THE INSTALLATION

- Installing the carabiners:
- Clip one carabiner to one side of the basket or tray to be suspended
 - Clip the other carabiner to the other side of the basket or tray
- Installing the toggles:
- Attach the two toggles to the rear of the system being suspended
 - By inverting the toggle parallel to the wire the toggle will swing through 90 degrees
 - Ensure hole is no larger than 12mm diameter
-
- Pass the free end of the wire through the zip-clip in the direction of the arrow
 - Pass through or around your required suspension point and back through the zip-clip leaving 15 cm of wire protruding.
 - Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

The system consists of a predetermined length of wire with a second ferruled leg and a choice of either carabiner or toggle ends.

Y-IT



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
YTR1S/300	1 Mtr x 300mm eyelet carabiner suspension system	50kg	10
YTR2S/300	2 Mtr x 300mm eyelet carabiner suspension system	50kg	10
YTR3S/300	3 Mtr x 300mm eyelet carabiner suspension system	50kg	10
YTR1S/460	1 Mtr x 460mm eyelet carabiner suspension system	50kg	10
YTR2S/460	2 Mtr x 460mm eyelet carabiner suspension system	50kg	10
YTR3S/460	3 Mtr x 460mm eyelet carabiner suspension system	50kg	10
YTR1Y/300	1 Mtr x 300mm eyelet carabiner suspension system	90kg	10
YTR2Y/300	2 Mtr x 300mm eyelet carabiner suspension system	90kg	10
YTR3Y/300	3 Mtr x 300mm eyelet carabiner suspension system	90kg	10
YTR1Y/460	1 Mtr x 460mm eyelet carabiner suspension system	90kg	10
YTR2Y/460	2 Mtr x 460mm eyelet carabiner suspension system	90kg	10
YTR3Y/460	3 Mtr x 460mm eyelet carabiner suspension system	90kg	10
YLM1G/300	1 Mtr x 300mm toggle suspension system	10kg	10
YLM2G/300	2 Mtr x 300mm toggle suspension system	10kg	10
YLM3G/300	3 Mtr x 300mm toggle suspension system	10kg	10
YLM1G/600	1 Mtr x 600mm toggle suspension system	10kg	10
YLM2G/600	2 Mtr x 600mm toggle suspension system	10kg	10
YLM3G/600	3 Mtr x 600mm toggle suspension system	10kg	10
YLM1S/300	1 Mtr x 300mm toggle suspension system	35kg	10
YLM2S/300	2 Mtr x 300mm toggle suspension system	35kg	10
YLM3S/300	3 Mtr x 300mm toggle suspension system	35kg	10
YLM1S/460	1 Mtr x 460mm toggle suspension system	35kg	10
YLM2S/460	2 Mtr x 460mm toggle suspension system	35kg	10
YLM3S/460	3 Mtr x 460mm toggle suspension system	35kg	10
YLM1Y/300	1 Mtr x 300mm toggle suspension system	90kg	10
YLM2Y/300	2 Mtr x 300mm toggle suspension system	90kg	10
YLM3Y/300	3 Mtr x 300mm toggle suspension system	90kg	10
YLM1Y/460	1 Mtr x 460mm toggle suspension system	90kg	10
YLM2Y/460	2 Mtr x 460mm toggle suspension system	90kg	10
YLM3Y/460	3 Mtr x 460mm toggle suspension system	90kg	10



SPAN-LOCK



THE SPECIFICS

Span-Lock and Zip-Grip are designed to be used in conjunction so as to create a complete catenary system.

Span-Lock is available in 5, 10, 15, 20, 30 and 40 metre lengths, with a choice of Safe Working Loads:

- Y 30kg SWL
- P 75kg SWL
- N 100kg SWL

THE APPLICATIONS

Suitable for:

- Lighting
- Lighting trunking
- Bus bar
- Radiant heat panels
- Fabric Ducting
- Signage
- Lightweight ductwork

THE TECHNICAL INFORMATION

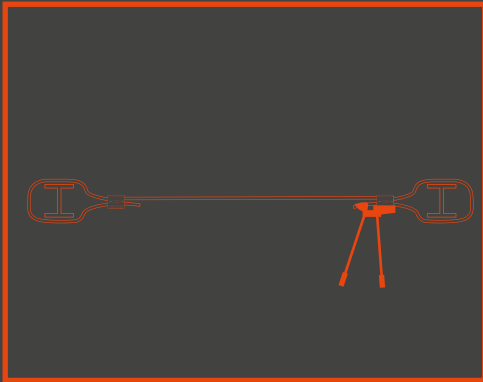
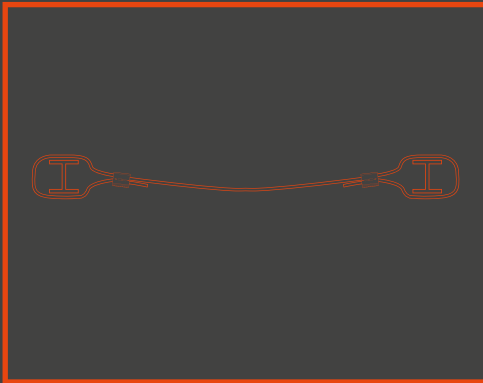
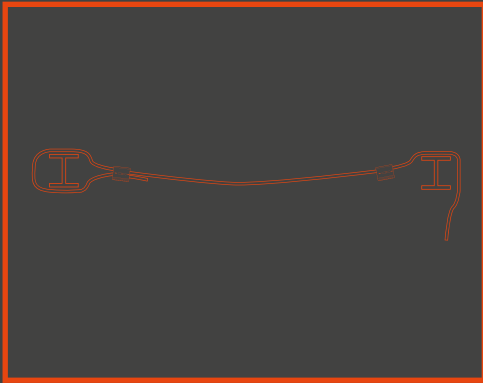
- Key free release system
- Designed to traverse between two fixed anchor points
- Safe on-site installation, no channel cutting or hot work permit required
- Simple and easy to handle and transport
- Comes with two locking mechanisms
- Suitable for applications where no overhead fixing points are available.

Zip-Clip is able to offer a comprehensive catenary calculation service. Please contact our technical team on +44 1686 623366 for more information

When fixing from purlins, always consult with the purlin manufacturer to advise loading capabilities, in conjunction with using the Zip-Clip calculation service.

THE INSTALLATION

- Secure each end of the Span-Lock wire to a fixed anchor point using the zip-clips supplied
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Use a tensioning tool to apply tension to the wire
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

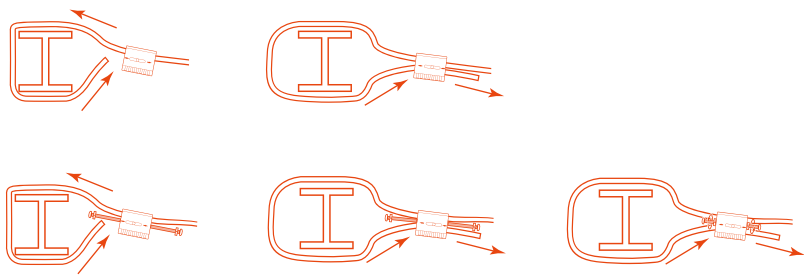
Span-Lock and Zip-Grip are designed to be used in conjunction to create a complete catenary system.



SPAN-LOCK



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY
GLHCS5Y	5 Mtr horizontal suspension system	30kg	1
GLHCS10Y	10 Mtr horizontal suspension system	30kg	1
GLHCS15Y	15 Mtr horizontal suspension system	30kg	1
GLHCS20Y	20 Mtr horizontal suspension system	30kg	1
GLHCS30Y	30 Mtr horizontal suspension system	30kg	1
GLHCS40Y	40 Mtr horizontal suspension system	30kg	1
GLHCS5P	5 Mtr horizontal suspension system	75kg	1
GLHCS10P	10 Mtr horizontal suspension system	75kg	1
GLHCS15P	15 Mtr horizontal suspension system	75kg	1
GLHCS20P	20 Mtr horizontal suspension system	75kg	1
GLHCS30P	30 Mtr horizontal suspension system	75kg	1
GLHCS40P	40 Mtr horizontal suspension system	75kg	1
GLHCS5N	5 Mtr horizontal suspension system	100kg	1
GLHCS10N	10 Mtr horizontal suspension system	100kg	1
GLHCS15N	15 Mtr horizontal suspension system	100kg	1
GLHCS20N	20 Mtr horizontal suspension system	100kg	1
GLHCS30N	30 Mtr horizontal suspension system	100kg	1
GLHCS40N	40 Mtr horizontal suspension system	100kg	1



Ensure a distance of at least 1.6 x the height of the beam is left between the zip-clip and the structure. Do not exceed an angle of 60°



ZIP-GRIP

THE SPECIFICS

Span-Lock and Zip-Grip are designed to be used in conjunction so as to create a complete catenary system.

Zip-Grip is available in 1 to 10 metre lengths, with a choice of Safe Working Loads:

- G 10kg SWL
- S 35kg SWL

Available in M6 to fit Y and P Span-lock range and M8 to fit the N range

THE APPLICATIONS

Suitable for:

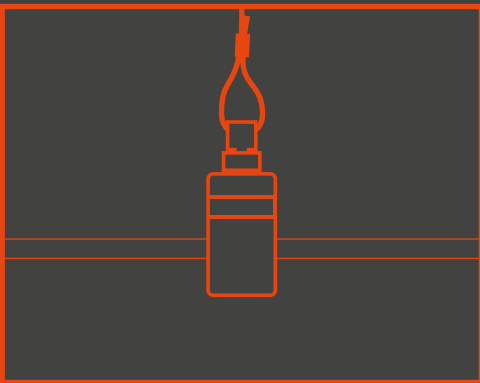
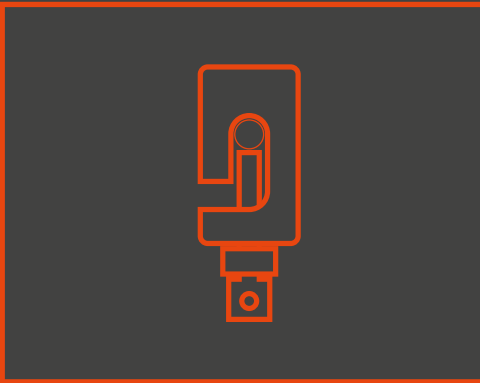
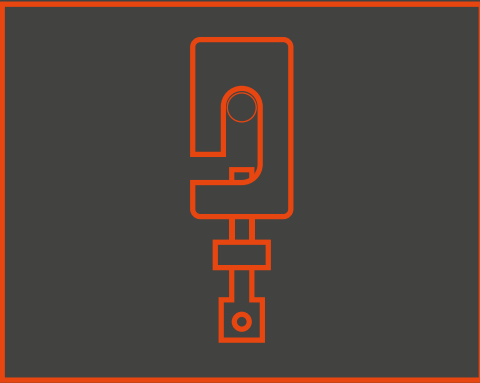
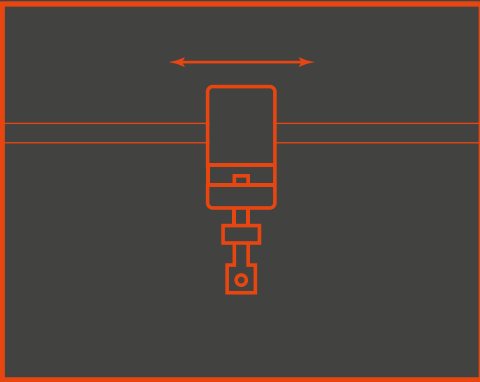
- Lighting
- Ligthing trunking
- Bus bar
- Radiant heat panels
- Signage
- Fabric ducting
- Lightweight ductwork

THE TECHNICAL INFORMATION

- Key free release system
- Simple hook and lock system
- Ability to suspend many products, even at angles
- Easy slide for adjustment into final position
- Can be fitted retrospectively up to the SWL
- Can be simply inverted to offer extra support to the Span-Lock range
- Suitable for applications where no overhead fixing points are available

THE INSTALLATION

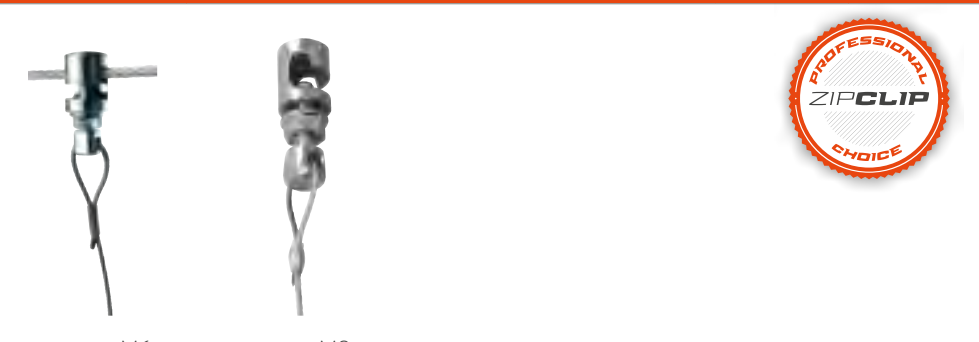
- Place the Zip-Grip onto the tightened wire and slide into place
- Tighten the eye until engaged on the Span-Lock wire, then tighten the locking nut to secure place
- Pass the free end of the wire through the supplied zip-clip around the object to be suspended then back through the zip-clip
- Pass the wire through the zip-clip in the direction of the arrow
- Pass through or around your required suspension and back through the zip-clip leaving 15cm of wire protruding
- Height can then be adjusted
- To reduce deflection in the wire the Zip-Grip can be inverted and fixed from the structure above
- Always confirm engagement of the zip-clip on the wire by pushing the pin in the opposite direction to the arrows indicated



THE RANGE

Span-Lock and Zip-Grip are designed to be used in conjunction to create a complete catenary system.

ZIP-GRIP



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
GLG1	1 Mtr vertical suspension system M6	10kg	10
GLG2	2 Mtr vertical suspension system M6	10kg	10
GLG3	3 Mtr vertical suspension system M6	10kg	10
GLG4	4 Mtr vertical suspension system M6	10kg	10
GLG5	5 Mtr vertical suspension system M6	10kg	10
GLG10	10 Mtr vertical suspension system M6	10kg	10
GLS1	1 Mtr vertical suspension system M6	35kg	10
GLS2	2 Mtr vertical suspension system M6	35kg	10
GLS3	3 Mtr vertical suspension system M6	35kg	10
GLS4	4 Mtr vertical suspension system M6	35kg	10
GLS5	5 Mtr vertical suspension system M6	35kg	10
GLS10	10 Mtr vertical suspension system M6	35kg	10
GLG1/M8	1 Mtr vertical suspension system M8	10kg	10
GLG2/M8	2 Mtr vertical suspension system M8	10kg	10
GLG3/M8	3 Mtr vertical suspension system M8	10kg	10
GLG4/M8	4 Mtr vertical suspension system M8	10kg	10
GLG5/M8	5 Mtr vertical suspension system M8	10kg	10
GLG10/M8	10 Mtr vertical suspension system M8	10kg	10
GLS1/M8	1 Mtr vertical suspension system M8	35kg	10
GLS2/M8	2 Mtr vertical suspension system M8	35kg	10
GLS3/M8	3 Mtr vertical suspension system M8	35kg	10
GLS4/M8	4 Mtr vertical suspension system M8	35kg	10
GLS5/M8	5 Mtr vertical suspension system M8	35kg	10
GLS10/M8	10 Mtr vertical suspension system M8	35kg	10



H-FRAME



THE SPECIFICS

The Zip-Clip H-Frame systems are designed to fit UNISTRUT channel and has a cross compatibility with all UNISTRUT type brackets.

- H-Frame 700kg/kit SWL
- Base Frame 700kg/kit SWL
- Extender Frame 350kg/kit SWL

A range of roofing supports designed for AHUs without penetrating the roof membrane

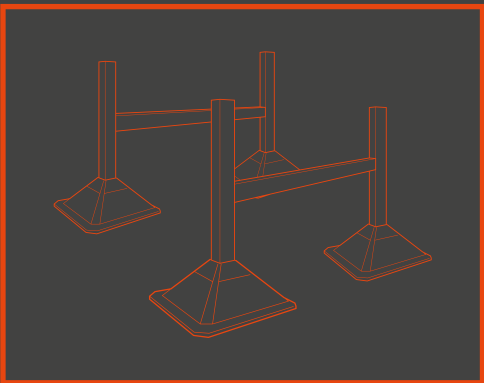
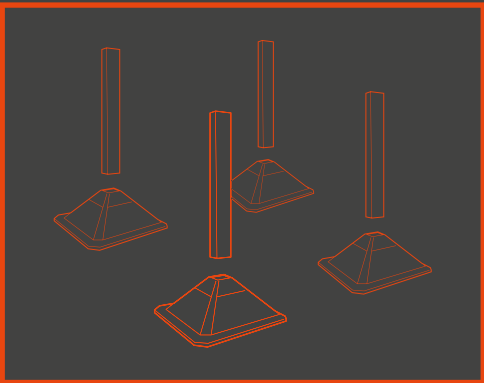
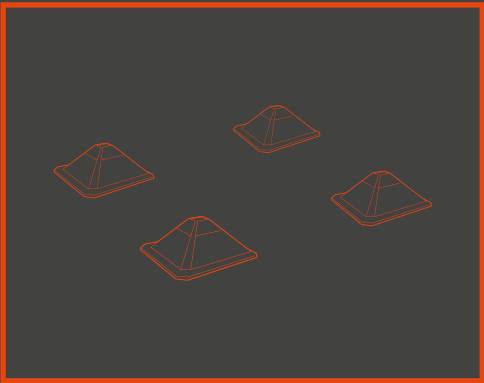
THE APPLICATIONS

- Suitable for:
- Suitable for:
 - Roof mounted services
 - Cable tray
 - Cable Basket

THE TECHNICAL INFORMATION

- No penetration of waterproof membrane
- Anti vibration pads attached to feet
- Easy to install and adapt
- High Density Polyethylene
- Each foot is made from a linear Polymer, High Density Polyethylene (HDPE) and is prepared from euthylene by a catalytic process
- The absence of branching results in a more closely packed structure with a higher chemical resistance than LDPE.
- HDPE is harder and more opaque and can withstand higher temperatures (120°C for short periods, 110°C continuously)

THE INSTALLATION



THE RANGE

A range of roofing supports designed for AHUs without penetrating the roof membrane.



H-FRAME



PRODUCT CODE	DESCRIPTION	SWL	PACK QTY.
FRS-HF	Flexi H-Frame	700kg/kit	
FRS-BF	Flexi Base Frame	700kg/kit	
FRS-EF	Flexi Extender Frame	350kg/kit	

H-FRAME



BASE



PLUS



BASE + PLUS



ACCESSORIES


















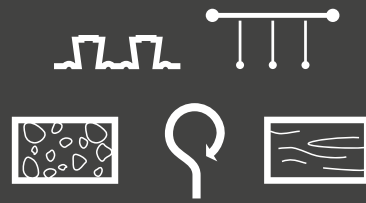
IMAGE	PRODUCT CODE	DESCRIPTION	PACK QTY.
	CUT1	Heavy Duty Wire Cutters	1
	CUT3	Heavy Duty Cutters for P Wire	1
	TT1	Tensioning Tool	1
	CPA1	Corner Protector	50
	CPA1MAG	Magnetic Corner Protector	50
	CH1	Chan-Lock Hanger	10
	AC10	2 Way Screw Down Locking Device 8kg SWL 3:1 SF	10
	UNI1	M6 x 20mm Universal Eyebolt with Flange Nut	10
	UNI2	M6 x 45mm Universal Eyebolt with Flange Nut	10
	UNI3	M8 x 25mm Universal Eyebolt with Flange Nut	10
	UNI6M60	M6 x 60mm Closed Eyebolt	10
	UNI8M60	M8 x 60mm Closed Eyebolt	10
	UNI10M60	M10 x 60mm Closed Eyebolt	10
	ATLDM6	M6 Standard Drop In Anchor	10
	ATLDM8	M8 Standard Drop In Anchor	10
	ATLDM10	M10 Standard Drop in Anchor	10
	ATLDM6/ST	Standard Setting Tool for M6 Drop in Anchor	1
	ATLDM8/ST	Standard Setting Tool for M8 Drop in Anchor	1

IMAGE	PRODUCT CODE	DESCRIPTION	PACK QTY.
	ATLDM10/ST	Standard Setting Tool for M10 Drop in Anchor	10
	PVC100S	PVC 100M Reel x 3mm Ø	1
	PVC100P	PVC 100M Reel x 6mm Ø	1
	HCB1	90 degree bracket with 7.0mm and 5.0mm hole, 1.3mm gauge 10kg SWL	10
	HCB2	90 degree bracket with 7.0mm and 5.0mm hole, 1.3mm gauge 50kg SWL	10
	HCB3	90 Degree bracket with 6.5mm holes, 2.0mm gauge 90kg SWL	10
	MA6810	Multiwedge Decking Fixing	10
	MA300HEX	300mm Magnetic Bit Holder for MA6810	1
	CLA1	Universal Concrete Anchor	50
	CLA2	Concrete Spike	50
	T920514	Vertical Flange Clip 1-5mm	10
	T920515	Vertical Flange Clip 5-7mm	10
	HCBP1	Shot Fired Fastener for Concrete and Steel	10
	SFN19	19mm Ballistic Point Nail	100
	SFN27	27mm Ballistic Point Nail	100
	SFSCG	Powder Actuated Cartridge - Low Power	100
	SFSCY	Powder Actuated Cartridge - Medium Power	100
	SFSCR	Powder Actuated Cartridge - High Power	100

PREFABRICATION



SPECIALIST APPLICATIONS

Zip-Clip Ltd is renowned for its unique problem solving solutions. Over the past number of years we have designed and developed a range of systems tailored to overcome troublesome applications. With our highly trained technical managers and our extensive knowledge of the fixings market we can confidently design a solution for your requirements. Examples of our abilities are as below:

TUNNEL SOLUTION

A solution was found for the Hatfield and Hindhead road tunnels for the suspension of a linear heat detection cable. The solution was required as the linear cable did not travel in a straight line due to the ventilation and lighting equipment in its path. Zip-Clip were able to develop a bespoke low carbon stainless steel solution designed for this harsh environment that could be installed quickly with minimum disruption.

INTERNALLY CLADDIED BUILDINGS

With the increasing number of internally cladded buildings being specified, finding a suitable anchor point is not always possible. Zip-Clip designed a solution for the Pirelli Tyre Distribution Centre in Burton-on-Trent by utilising a unique self tapping anchor which did not affect the integrity of the cladding.

Zip-Clip is able to provide special products for many applications. Among others:

- Seismic areas
- Christmas decorations
- Acoustic supports
- Pest control
- Museum installations

Each drawing is tailored for specific needs. A unique number is attributed to each drawing, allowing ease of re-ordering and product continuity.



CALCULATION SERVICES

Zip-Clip are able to offer a free of charge drawing calculation service

Step 1:

E-mail your drawing to info@zip-clip.com

Step 2:


Our technical department will contact you with a few simple questions

Step 3:

A full recommendation and quotation will follow. A unique project drawing number will be issued for reference.

The Zip-Clip Drawing Calculation Service is proving to be a big success with contractors.

ON-SITE PULL TESTS

To add peace of mind to our already independently tested systems we offer an on-site pull test which will be validated and certified by **fischer** . With so many variants in concrete (ie flint, pebbles...), this unique free service is very reassuring.

ARCHITECTURAL SUPPORTS

Zip-Clip also supplies a full range of aesthetically pleasing cable supports. The systems are safe and easy to use with finger tip adjustment for precise height adjustment with no tools required. The product is ideal for supporting lighting systems, cable management, store displays and signage.

SPECIALIST SUPPORT BRACKETS

Zip-Clip have developed a number of specialist brackets to enable the installer to suspend both HVAC and M & E services as quickly as possible. Zip-Clip designed these systems to not only speed up installations but also to reduce the need for assembly on site. These support brackets can also be used in conjunction with modular designed systems.

A brief example of the large number of designed brackets include:

PIPE BRACKET:

This can be designed to your specification for suspending both pipe work and cable tray from one anchor point

BRACE BRACKET:

This bracket can be used as a primary installation or as a retrofit solution. The brackets can be used in conjunction with a choice of anchors



SPECIFICATIONS

GALVANISED WIRE

WIRE CODE	MBL OF WIRE ROPE	CONSTRUCTION	TENSILE STRENGTH
G	78kg	7x7 (6/1) RHRL	1960N/mm ²
S	290kg	7x7 (6/1) RHRL	1960N/mm ²
Y	645kg	7x7 (6/1) RHRL	1960N/mm ²
P	1240kg	7x19 (6/1) RHRL	1960N/mm ²
N	2804kg	7x19 (6/1) RHRL	1960N/mm ²

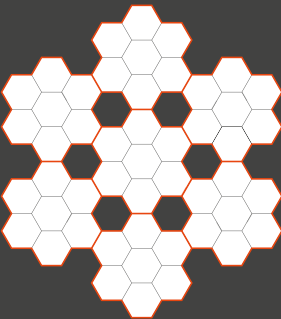
STAINLESS STEEL WIRE

WIRE CODE	SWL OF WIRE ROPE	GRADE
G	8kg	AISI 316
S	45kg	AISI 316
Y	100kg	AISI 316
P	200kg	AISI 316

ANGULAR PERFORMANCE

The table below shows the effect on the Safe Working Load when working at an angle from the vertical when using the professional choice range.

WIRE CODE	VERTICAL	15°	30°	45°	60°
G	10kg	9.6kg	8.6kg	7.0kg	5.0kg
S	50kg	48.0kg	43.0kg	35.0kg	25.0kg
Y	120.0kg	115.2kg	103.2kg	84.0kg	60.0kg
P	230kg	220.8kg	197.8kg	161.0kg	115.0kg
LOAD	100%	96%	86%	70%	50%

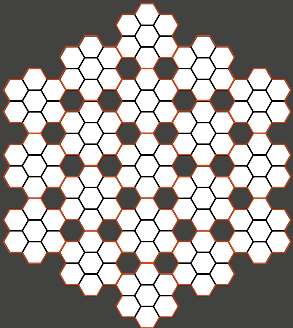


The high tensile wire we supply is galvanised and manufactured to the highest standards incorporating a 7 x 7 construction, meeting the BSEN 12385 standard.

BSMA 29/1983 standard also meeting the AISI 3136 requirements

The diagram to the left shows the construction of the 7x7 wire braids.

The diagram to the right shows the construction of the 7 x 19 wire braids.



SPECIFICATIONS



PHYSICAL PROPERTIES		
Density	6,700kg/m³ at 21°C	
Solidification Shrinkage	1.17%	
Casting Shrinkage	0.6% (pressure diecasts)	
Freezing Range	-381 to -387°C	
Melting Point	400 to 420°C	
Specific Heat Capacity	418.1 J/kg/°C at 20 to 100°C	
Thermal Expansion	27 10 (-6) linear per °C at 20 to 100°C	
Thermal Conductivity	108.9 W/m/hr/m2/°C at 70 to 140°C	
Electrical Conductivity	26% IACS	
Electrical Resistivity	6.5359 um ohm cm at 20°C	
MECHANICAL PROPERTIES		
	As Cast	Aged
Tensile Strength (MPa)	328	269
Shear Strength (MPa)	262	-
Elongation (% in 51mm)	7	13
Hardness (Brinell – 500kg)	91	80
Impact Strength (Energy, Joules)	65.1	54.2
Fatigue Strength 5 x 10 cycles (MPa)	56.5	-
TYPICAL ANALYSIS - ALLOYING ELEMENTS		
Aluminium	4%	
Copper	1%	
Magnesium	0.05%	
TYPICAL ANALYSIS - IMPURITIES		
Iron	< 0.01%	
Lead	< 0.003%	
Cadmium	0.003%	
Tin	< 0.001%	
Nickel	<0.001%	
Silicon	< 0.01%	

ENVIRONMENT

Zip-Clip Ltd recognizes that its activities impact on the environment at local, regional and global levels and acknowledges a responsibility for the protection of the environment and of the health and safety of its employees and the wider community

ZIP-CLIP LTD IS COMMITTED TO:

- Promoting the protection of the environment and minimizing the impact of all its activities upon each of the local, regional and global environments both directly and through its influence on others.
- Contributing to a sustainable and healthy future by conserving natural resources and by minimizing avoidable waste and pollution.
- Reducing the use of fossil fuels through improvements to energy efficiency and the substitution of renewable energy resources.
- Developing effective waste management and recycling procedures and using recycled and recyclable materials where possible.
- Increasing awareness of environmental responsibilities amongst staff.

TO ACHIEVE THESE GOALS WE WILL:

- Educate and train staff in environmental matters as appropriate.
- Progressively reduce the amount of waste generated.
- Market products, which create a minimum environmental damage, and use its purchasing to influence to:
 - » Promote production of such products.
 - » Ensure that all public communications are true and unambiguous.
 - » Respect the interests of neighbours and the world community.
 - » Review our policies as an ongoing matter.





SAFETY | **SUSPENSION** | SPEED



Zip-Clip Ltd, Offas Dyke Business Park, Welshpool, Powys, SY21 8SS, United Kingdom



+44 (0) 1686 623 366



+44 (0) 1686 623 377



www.zip-clip.com

ZCTC0317V1

