



# Product Guide

A complete guide to  
building services products

**GRIPPLE**<sup>®</sup>  
Change the game



HEATING, **VENTILATION**, PLENUM BOXES, **CHILLED BEAMS**,  
OVAL, SPIRAL & RECTANGULAR DUCTWORK, **COLD ROOMS**, AIR  
CONDITIONING UNITS, MECHANICAL, PIPEWORK,  
**CABLE LADDER BASKET & TRAY**, STRIP LIGHTING, **LUMINAIRE**,  
BUSBAR, CATENARIES, WIRE BRACING SYSTEMS, **SHOPFITTING**,  
SIGNAGE, **ACOUSTIC BAFFLES**, **SUSPENDED CEILING**S, SEISMIC BRACING

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# About Gripple

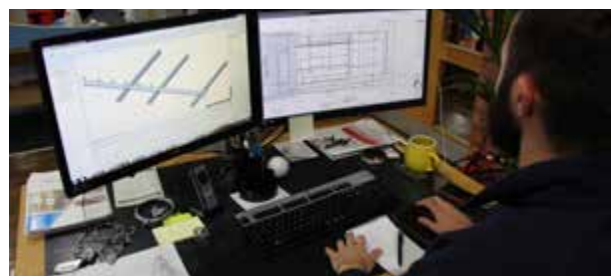
Of the 975 strong Gripple team working worldwide, more than 150 people are dedicated to servicing Europe. All are experts in suspension solutions for HVAC, M&E, modules, lighting, acoustics and signage. Our facilities in Europe enable us to offer a flexible, reactive service to find a solution to your problem, and deliver it quickly.



“...the company’s capabilities are now recognised, admired and trusted worldwide.”

## From contractors to consultants, we offer:

- Suspension System Installation Design Service – we’ll advise on what you need and where
- Expertise, product take-off from plan
- Technical load and structural calculations
- BIM solutions
- CAD drawings
- Environmental Impact Studies
- On-site visits to assess installations and discuss potential solutions
- Product training – for specific installations or for the latest new products
- Regular on-site advice until job completion



# What we do



## Time Savings

Save up to 85% on installation times when you choose to use one of Gripple's wire rope kits, when compared to traditional methods. Not only is the installation faster, no pre-work, such as cutting or filing is required.



## Health & Safety

Gripple wire rope kits are ready-to-use straight from the box, removing the need for potentially hazardous hot works and cutting on site. One box of HF Express No. 2 kits weighs just 8 kg, doing the same job as 150 kg of threaded rod and channel. Not only is the weight and bulk of carry material reduced, but also the time spent working at height.



## CO<sub>2</sub> Savings

For every metre of Gripple wire rope specified to replace threaded rod, it is estimated that a saving of 1,2 kg of embodied CO<sub>2</sub> is made. This equates to a total embodied CO<sub>2</sub> saving of up to 95% when switching from threaded rod to Gripple wire rope.



## Aesthetics

Gripple wire rope kits are lightweight and virtually invisible. Comparing 2 mm wire rope to 8 mm threaded rod, the difference is easy to see. With a trend towards exposed services, Gripple wire rope kits enhance the workspace significantly – especially in retail environments.

“...**83%** OF FABRICATION  
WORK TOOK PLACE OFF-SITE;  
**GRIPPLE SOLUTIONS**  
CONTRIBUTED TO REDUCING  
**DELIVERY SCHEDULE**  
BY **SIX MONTHS...**”

LEADENHALL BUILDING, LONDON



# Applications

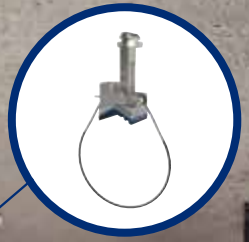
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# Fast Trak



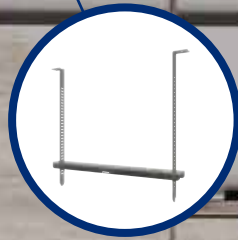
QT Compact  
Clamp

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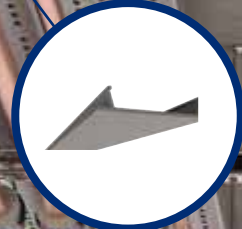
Fast Trak –  
Low Profile

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Fast Trak –  
Bracket Cover

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VDP – Vibration  
Dampener

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Fast Trak - Standard

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**Gripple Fast Trak™** is a quick installation trapeze bracket solution for electrical containment supports. Removing labour intensive on-site activity associated with traditional suspension systems, Fast Trak is a pre-fabricated, off-site solution which vastly simplifies the installation of cable containment, pipework and ductwork in building services applications.

The next instalment in Gripple innovation, Fast Trak delivers significant cost and labour savings, carbon efficiencies and minimises health and safety concerns.

## Fast Trak – Triple

Page 50



## Fast Trak – Side Loading

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## CT Clip

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## CB Clip

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## CB Clip

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## CB Clip

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For further product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com)

# Pipework

LPB Kit

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Universal Bracket  
Beam Clamp

Page 127

Universal clamp  
Waste Water

Page 85

CRUPHEN

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Universal  
Bracket

Page 60

**The Gripple range** of supports and hangers has been developed to provide a fast and versatile solution for suspending all types of pipework.

**Gripple products** are designed to save time, labour and reduce costs by making the installation quicker and easier. Supplied in ready-to-use kits, the products in this range require no on-site cutting and eliminate the need for fabricating pipe bracket assemblies, offering enormous health and safety benefits for your project.

## Fast Trak - Standard

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## Fast Trak - Side Loading

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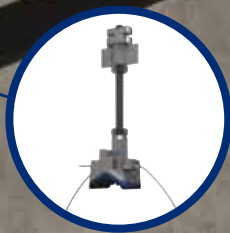
## UniGrip - QTE

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## CRUFLEX

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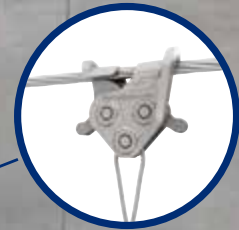


## QTH Universal Clamp

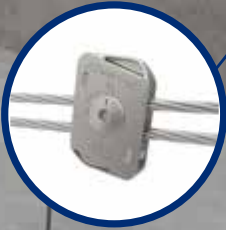
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Products shown are for internal use only. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.

# HVAC



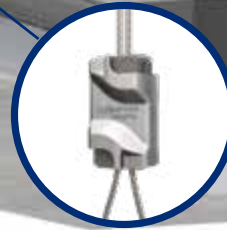
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CTI Kit  
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HangPro  
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UniGrip – Y-Fit  
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Universal Clamp  
Ductwork  
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Trapeze TPZPL  
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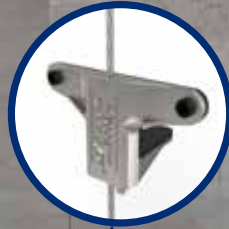


UniGrip – Central Exit

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Trapeze TPZGR

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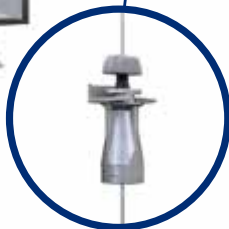
Fast Trak

Page 50



UniGrip – Standard

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UniGrip – Calibra

Page 66



**The Gripple range** of hangers for HVAC applications has been developed to provide a fast and versatile solution for suspending ductwork, heaters, air conditioning, radiant panels and plenum boxes.

**Our products** are manufactured in the UK, and are designed to save you time, and labour costs, thus improving the efficiency of your installation. Unlike traditional methods, Gripple kits do not require cutting, filing or “hot works” permits. Gripple suspension solutions offer aesthetic design without compromising on strength; supplied in kits ready for use with a choice of wire rope lengths and end fixings.

# Electrical

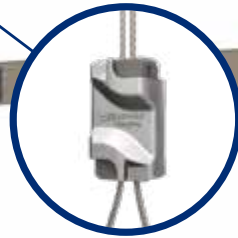
## Catenary Wall Bracket

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## HangPro

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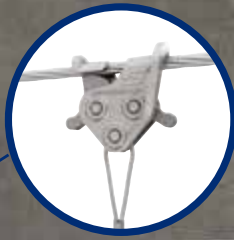
## Fast Trak

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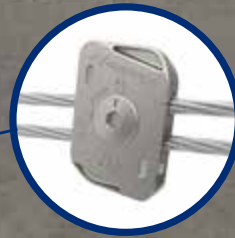


**The Gripple range** of supports and hangers for electrical applications has been developed to provide a fast and versatile solution for suspending all types of electrical containment.

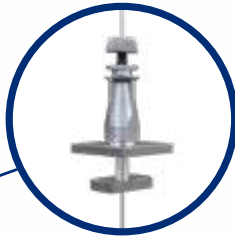
**Gripple products** are designed to save time, labour and reduce costs by making the installation quicker and easier. Supplied in ready-to-use kits, the products in this range are lightweight, require no on-site cutting and reduce the time spent at height, offering enormous health and safety benefits for your project.



C-Clip  
Page 100



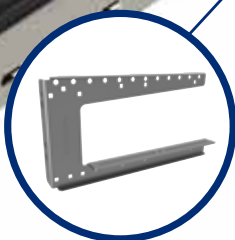
CTI  
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UniGrip – Central Exit  
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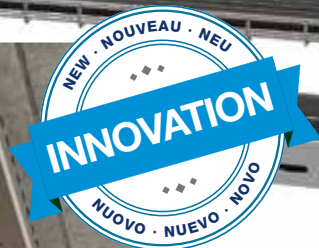
UniGrip – Y-Fit  
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G-Bracket  
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SidePro  
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Please refer to product installation instructions for full information.

# Lighting



CTI Kit

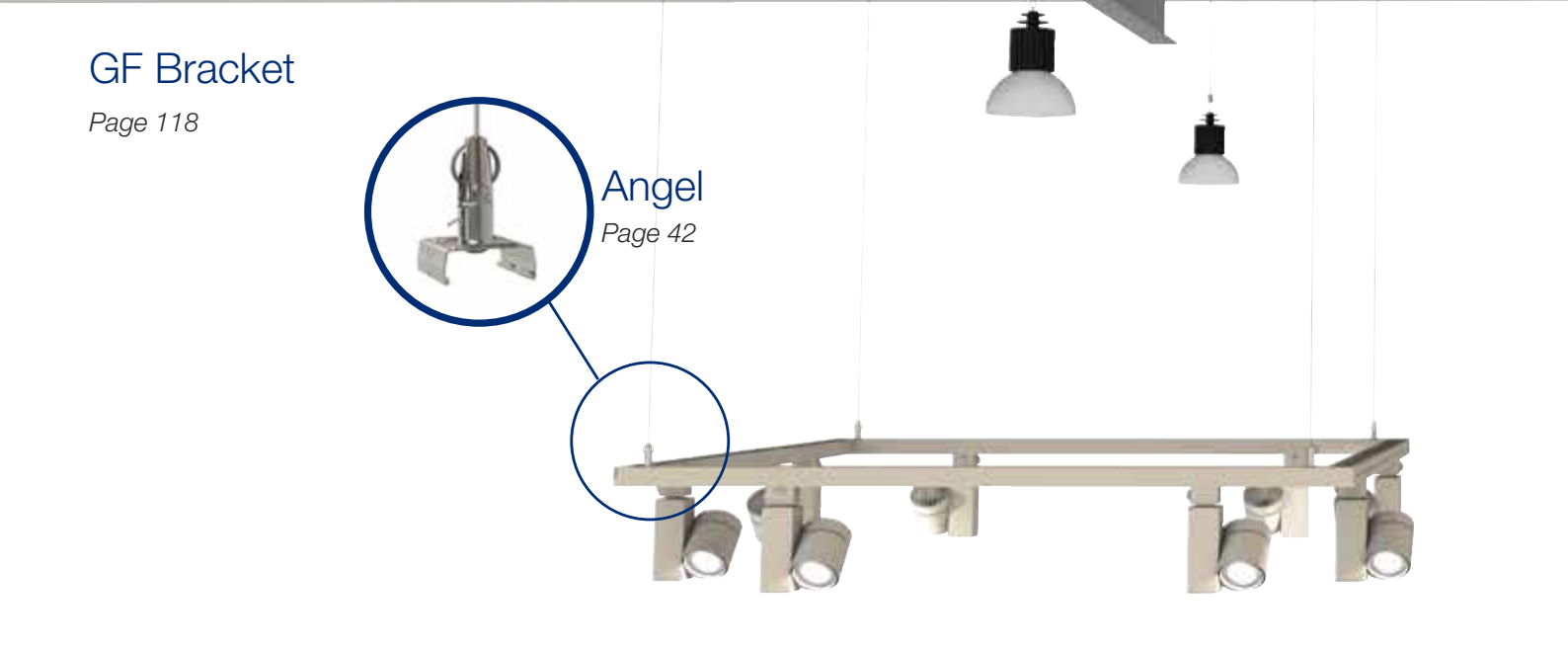
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GF Bracket

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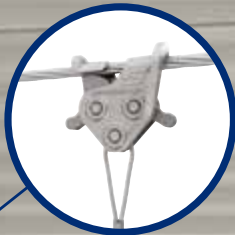
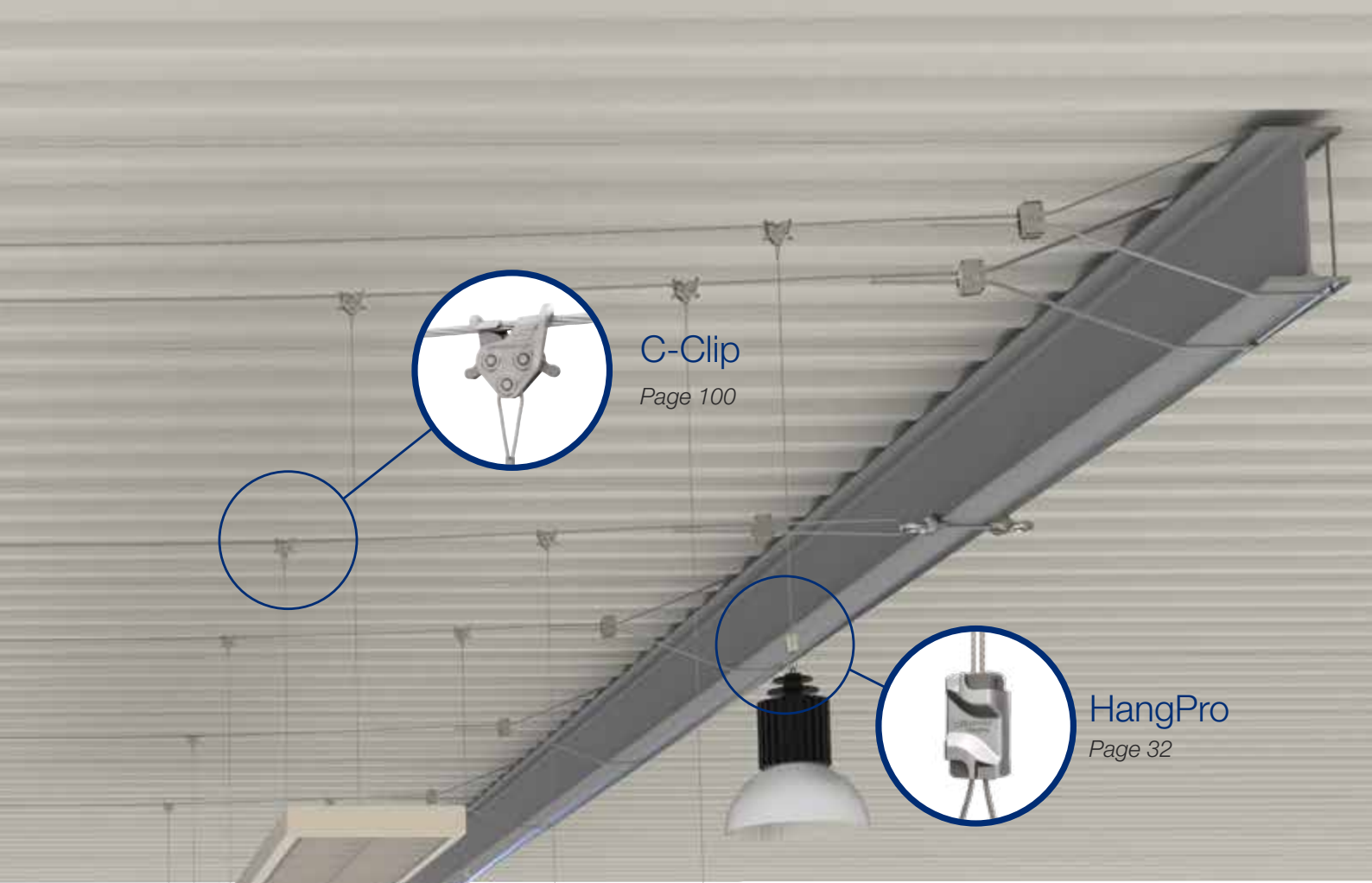
Angel

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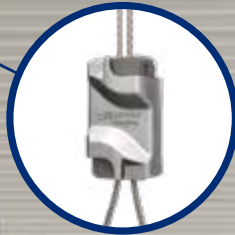


**The Gripple range** of suspension solutions for lighting are manufactured in the United Kingdom, and have been designed to save you time, money and labour by improving the efficiency of the installation process. Unlike traditional methods, Gripple kits require no on-site cutting, filing or hot works, so offer enormous health and safety benefits for your project.

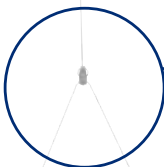
**Our products** offer a sleek, professional and discreet finish, without compromising on strength; supplied in ready-to-use kits with your choice of end fixing and wire rope length.



C-Clip  
Page 100



HangPro  
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Angel  
Page 40



Angel has a wide range of feet available to suit your lighting application. See page 40 for details.



Products shown only for internal use. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.

# Signage



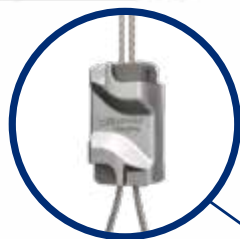
Angel Signage

Page 40

**The Gripple range** of signage products has been developed to provide a complete solution for the suspension of all forms of signage.

The variety of kits allows for complete flexibility and adjustability, without the use of additional tools. The range of designs provides a sleek, professional finish for you and your clients, without compromising on strength.

Our kits have been designed to save you time, labour and money by making installation quick and easy.



HangPro  
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Angel Signage  
Rail  
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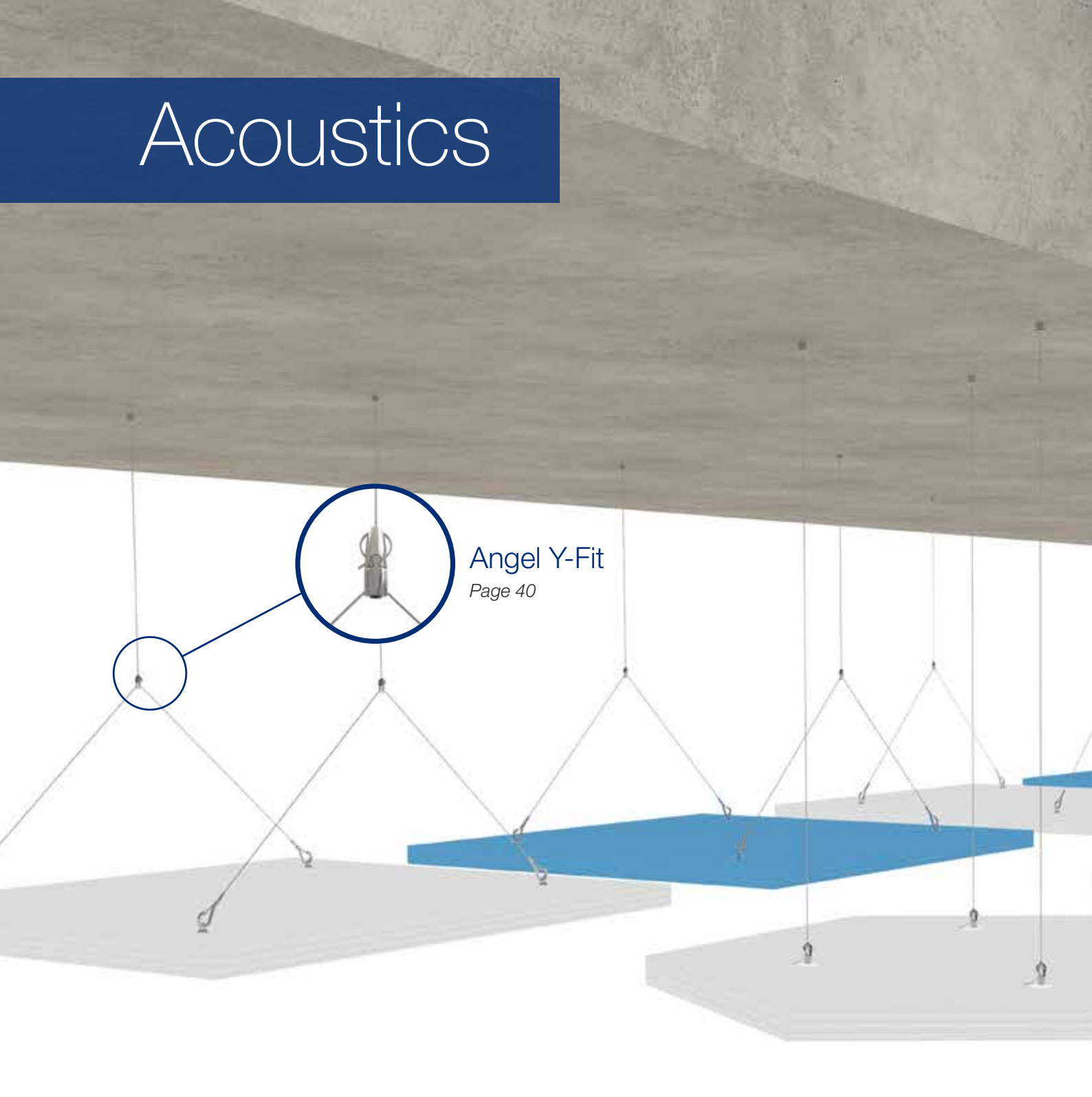
Angel has a wide range of feet available to suit your signage application.

See page 40 for details.



Products shown only for internal use. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.

# Acoustics



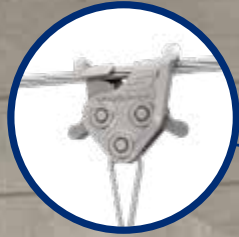
Angel Y-Fit

Page 40

**The Gripple range of acoustic** solutions are manufactured in the United Kingdom, and have been designed to save you time, money and labour by improving the efficiency of the installation process. Unlike traditional methods, Gripple kits require no on-site cutting, filing or use of uPVC frames, so offer enormous time-saving benefits for your project.

Gripple products can fit directly into acoustic baffles and panels, uPVC frames and suspended ceilings, offering a sleek, professional and discreet finish, without compromising on strength. All products are supplied in ready-to-use kits with your choice of end fixing and wire rope length.

CTI Kit  
& C-Clip  
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Angel Mini Helix  
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KBL Kit  
Hook  
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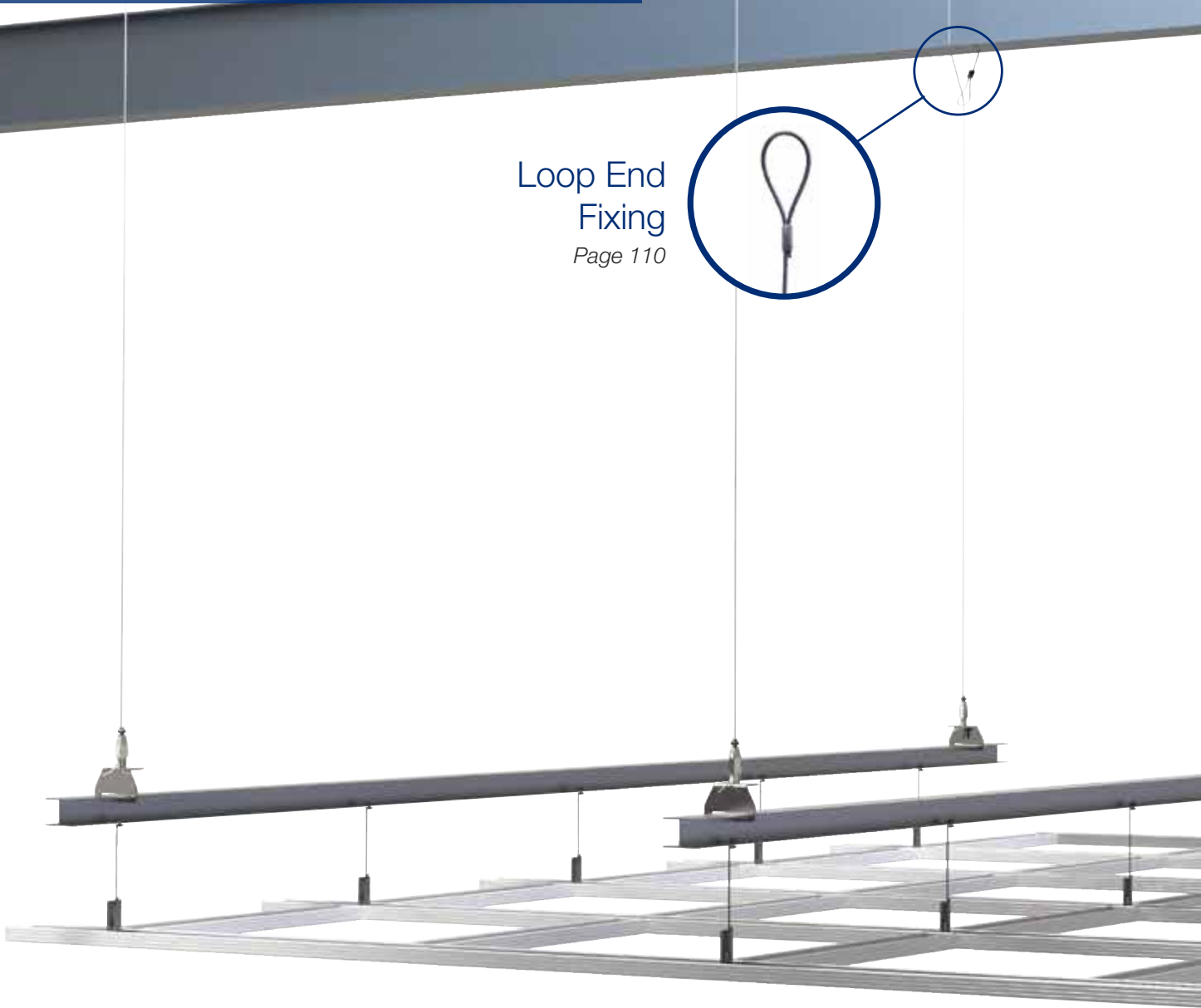
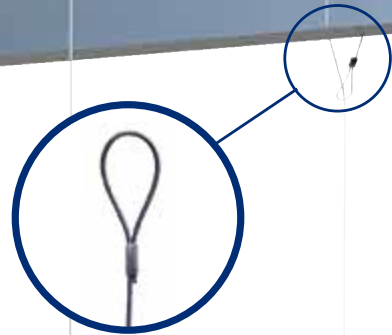
Angel Helix  
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Products shown only for internal use. Images shown for illustrative purposes only.  
Please refer to product installation instructions for full information.

# Suspended Ceilings

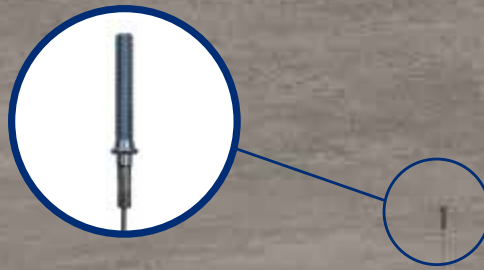
Loop End  
Fixing  
*Page 110*



Our SRP solution for modular suspended ceilings makes the suspension of building services even more secure and durable. Ideal for modular ceiling installation, our products are compatible with all type of structure: wood, metal, concrete.

Our products meet the requirements of the european regulation DTU and are tested according to EN 13964. This easy-to-use solution allows some substantial time savings. The suspended ceiling product is supplied in ready-to-use kits and do not require on-site cutting enabling safer work while improving working comfort. Installing a primary structure is much easier with the SRP solution than ever.

Stud End  
Fixing  
Page 110

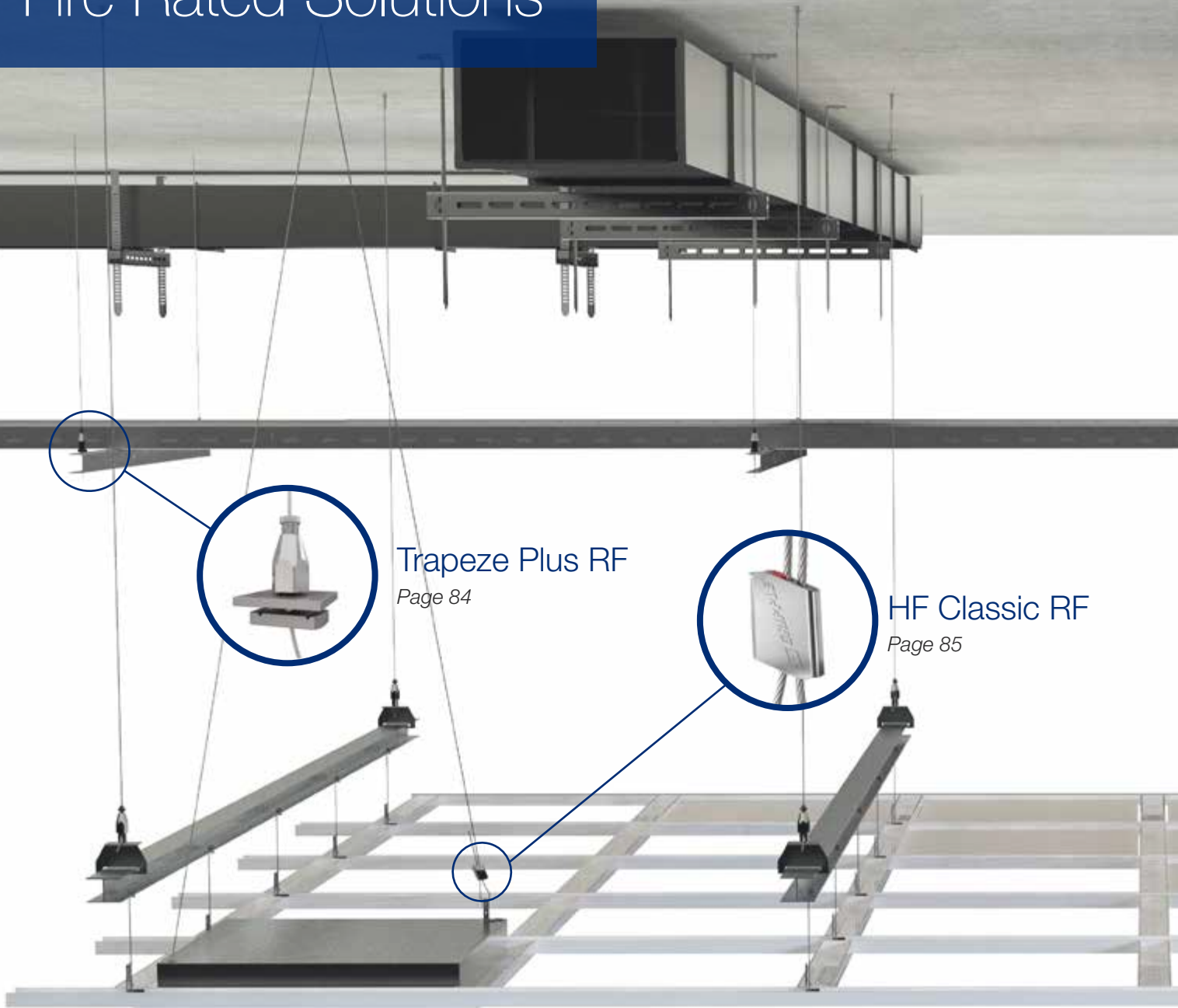


SRP  
Page 80



Die dargestellten Produkte sind ausschließlich für den Gebrauch im Innenbereich geeignet. Die Abbildungen dienen lediglich zur Veranschaulichung.  
products shown only for internal use. images shown for illustrative purposes only.  
Bitte beachten Sie die Basisdatenblätter der jeweiligen Produkte, für weitere Informationen zu erhalten.

# Fire Rated Solutions



Trapeze Plus RF  
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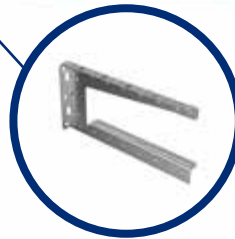
HF Classic RF  
*Page 85*

Gripple plays an important part in the market of fire rated suspension in Building Services. Our Fire Rated Solutions are ideal for ceiling, electrical and HVAC applications such as cable trays and ventilation ducts ensuring the installation operation in case of a fire.

To enhance the safety of these installations, we offer fire resistant products up to 2 hours (F120). Our Fast Trak, HF Classic RF, Trapeze Plus RF and G-Bracket products are certified by independent European organisations according to EN 1363-1.

## Fast Trak – Standard

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## G-Bracket

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Products shown only for internal use. Images shown for illustrative purposes only.  
Please refer to product installation instructions for full information.

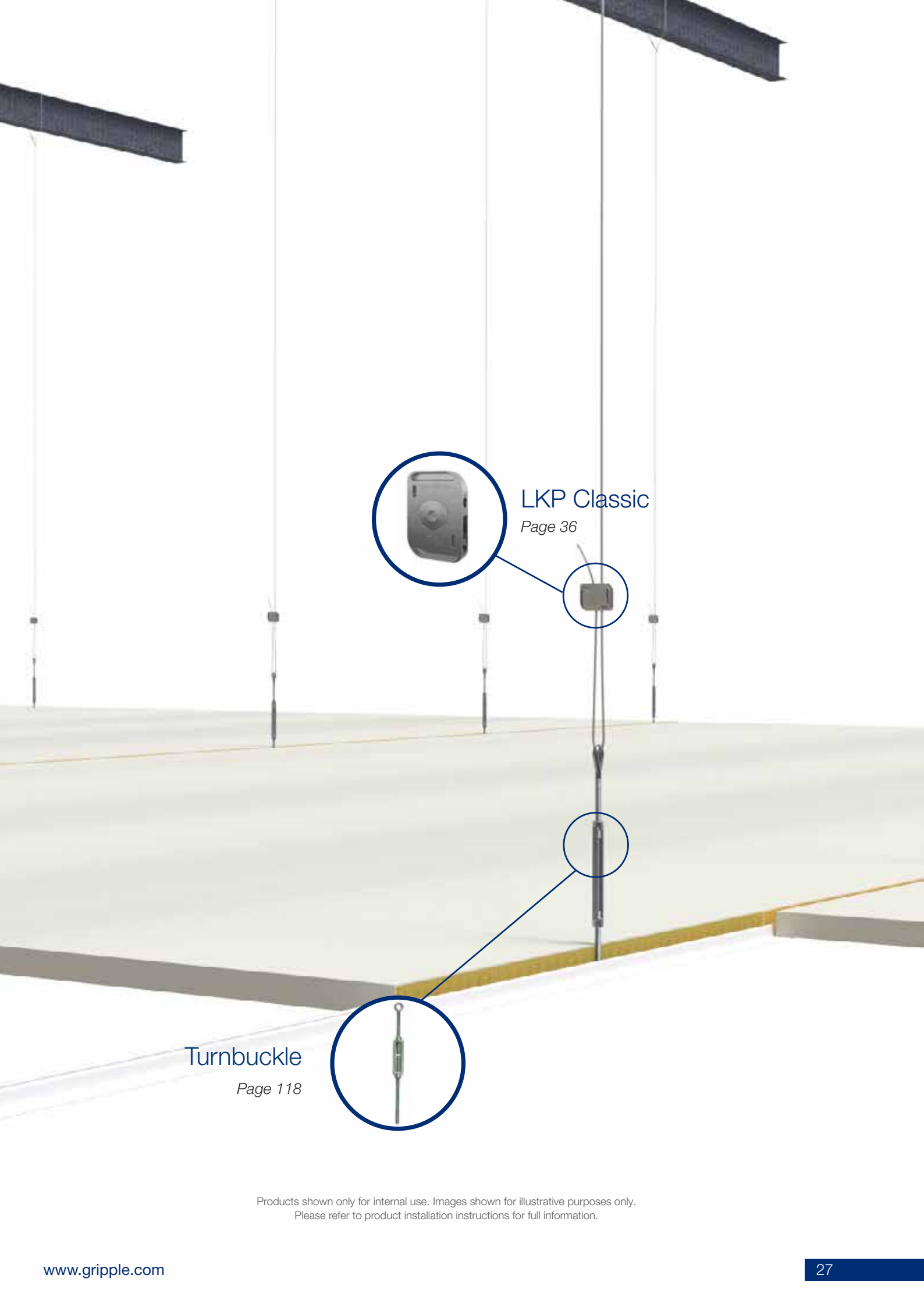
# Cold Room



Gripple is the world-leading manufacturer of wire suspension systems which allow labour and time savings while securing your cold room installation.

Our wire suspension systems have been designed to bear high working load equipment: cold room panels, clean room panels, refrigeration unit above panels.

Our LKP Classic No. 4 and No. 6 kits maintain the safe working load of cold room's panels and are provided with a loop end fixing, ideal loop around the framework (wood, metal, concrete) or a M10 stud end fixing for concrete anchoring.



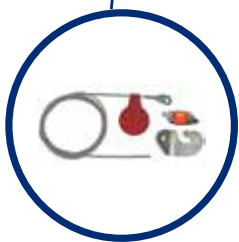
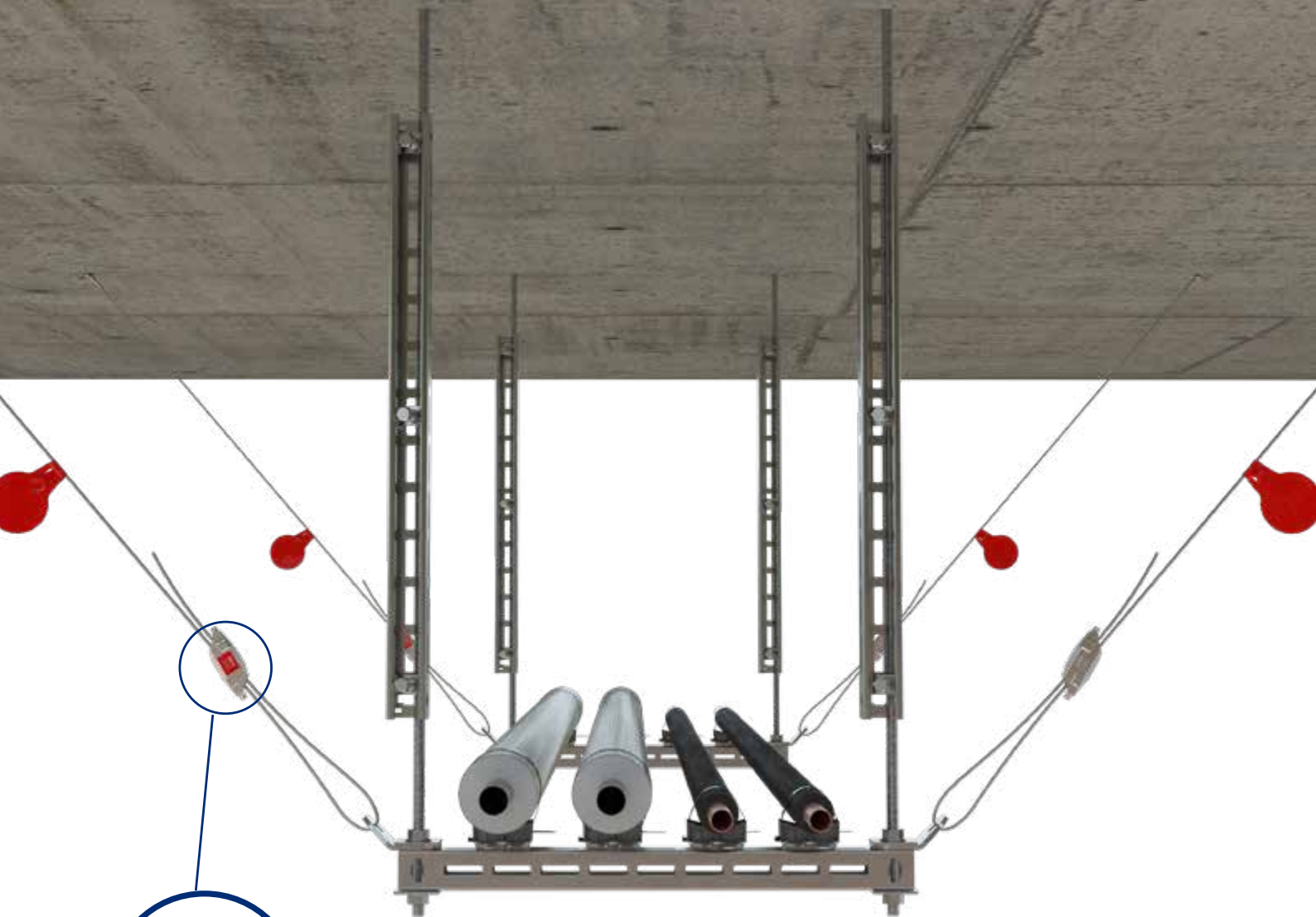
LKP Classic  
*Page 36*



Turnbuckle  
*Page 118*

Products shown only for internal use. Images shown for illustrative purposes only.  
Please refer to product installation instructions for full information.

# TecLoc



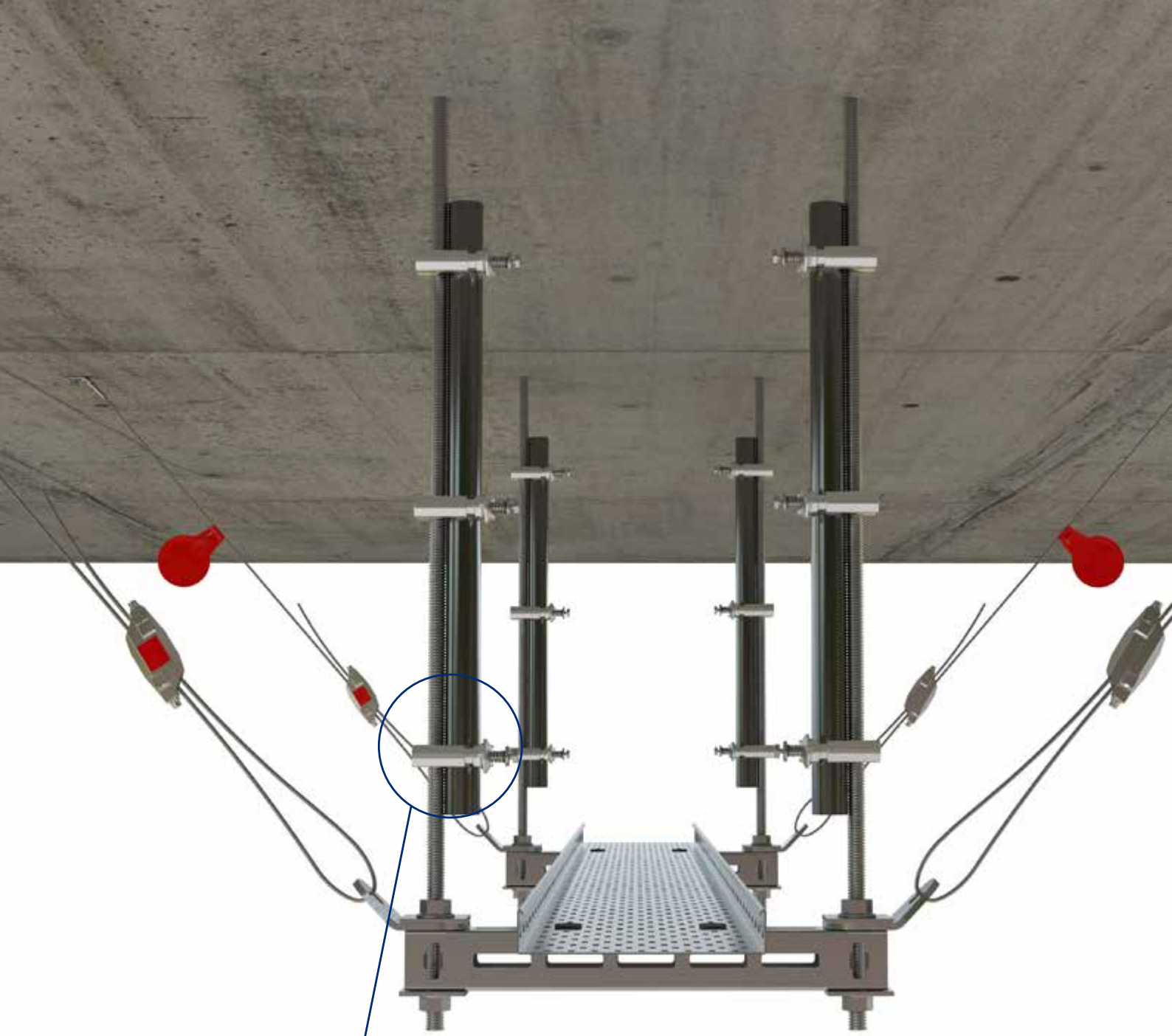
## Cable Bracing

Page 88

Gripple seismic solutions are specially designed to brace and secure suspended non-structural equipment (air conditioning unit, heating unit, cable tray, piping, cold room) within a building to minimise damage from an earthquake.

Gripple provides a ready-to-use solution, up to 10 times faster than traditional method to install. No crimping of wire is needed and a colour code allows an easy product identification.

The Gripple method is flexible and versatile and can be used in a variety of bracing configurations (transverse, longitudinal, 4-ways).



Conduit Clip

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Wire Bracing Systems (Seismic)	page	88



## HangPro®

### Versatile Adjustable Wire Hanger

Suitable for hanging a variety of building services with ease, including ductwork, cable basket, lighting and displays.



#### Easy Adjustment

Even after the full load is applied, the hanger can still be adjusted (if the load is supported), making it even easier and versatile to use



#### Patented Wire Entry Gate

Guides the wire correctly, minimising the risk of improper installation



#### Traceable

Each hanger comes with a unique batch number, ensuring quality and easy traceability



#### Safe

Backed by extensive testing, offering industry-leading performance reassurance

#### Packaging



Supplied as ready-to-use kits with a pulley, a cable length, and an end fitting of your choice.

- **Available end fitting** - All standard end fittings are available. Please refer to page 9 for product reference numbers.
- **Kit contents** - Standard kits include 10 HangPro units and 10 cables with factory-installed end fittings



## Available sizes



20 kg\*

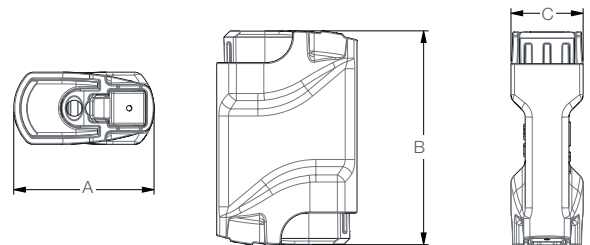
55 kg\*

\*Safe working load (kg)

Wire diameter : 1,5 - 2 mm | Safety factor 5:1

Wire length : Available in standard lengths from 1 to 10 meters.

## Dimensions



HangPro 1		HangPro 2	
A	16 mm	A	21 mm
B	24,5 mm	B	32 mm
C	10 mm	C	10,8 mm

## Installation

①



Insert the wire rope through insertion channel

②



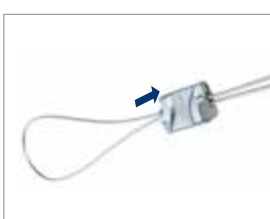
Loop wire around the service and feed back through the opposite channel

③



The loop is now secure

④

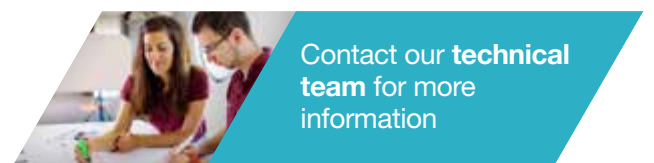


To adjust, support the weight of the load, press one of the buttons to release the wire and make adjustments

⑤



Ensure at least 100mm of tail wire exits the hanger



Contact our **technical team** for more information

# References

How to determine your product reference

Enter your product reference (example: HP2-LG-2M)

Product	End fixing	Wire Length
<input type="text"/>	- <input type="text"/> -	<input type="text"/>

## 1 Choose your wire rope



HangPro No. 1  
**HP1**



HangPro No. 2  
**HP2**

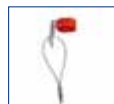
## 2 Choose your end fitting



C-Clip 3 mm  
**CC3**



C-Clip 6 mm  
**CC6**



CG  
**NAAT**



DX32  
**DX32**



DX22  
**DX22**



Mag Pad  
**MPG**



Hook  
**HG**



Mini Hook  
**MHG**



Top Hat  
**BB6G**



Stud  
M6 x 20 mm  
**S6G**



Stud  
M8 x 45 mm  
**S8G**



Link Hook  
**NG**



Eyelet  
**EY6G**



90° Eyelet  
**EY906G**



Channel nut  
**CN8G**



Barrel M6  
**B6G**



Barrel M8  
**B8G**



Loop  
**LG**



Ring anchor  
**RAG**



Toggle  
**TG**



TCW  
**TCW**



Cladding Hook  
**CHG**



Rail m8  
**CN8G**

■ Only for HP1

■ Only for HP2

## 3 Choose your wire rope length (in meters)

1 M	2 M	3 M	4 M	5 M	6 M	8 M	10 M
-----	-----	-----	-----	-----	-----	-----	------

The logo for Grippler, featuring a stylized 'G' icon followed by the word 'GRIPPLE' in a bold, sans-serif font with a registered trademark symbol.

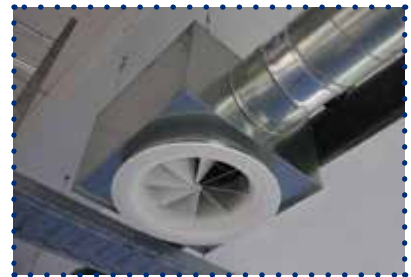
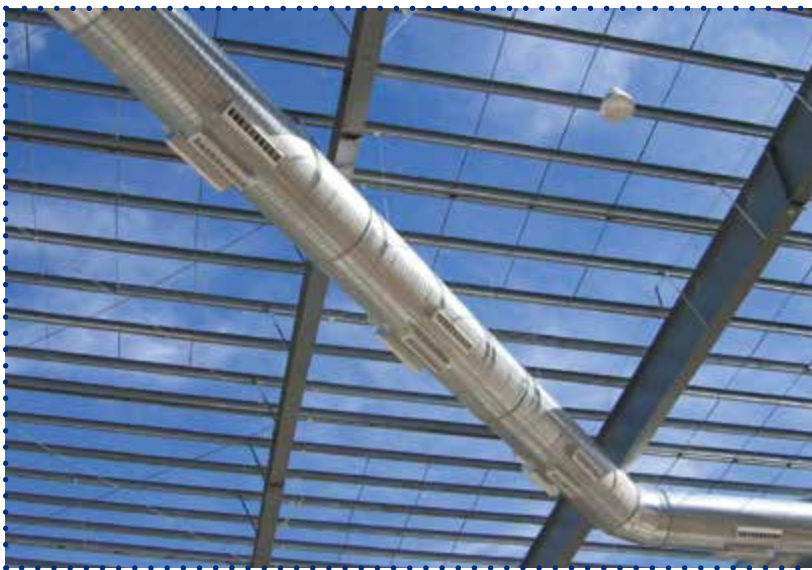
**GRIPPLE**

CHANGE  
THE GAME  
WITH **HANGPRO**

# HF Classic






Used to suspend a variety of HVAC, pipework and electrical services from different substrates, complete with end fixings.

- Ideal for fast suspension of heavy cable containment, pipework, radiant panels
- Up to 6 times faster to install than traditional hanging systems
- Strong, safe and industry approved
- Supplied in ready-to-use kits, comprising a length of wire, pre-crimped End Fixing, Gripple Hanger and Setting Key

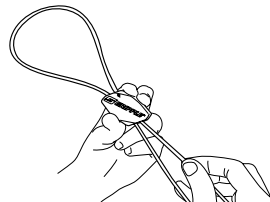
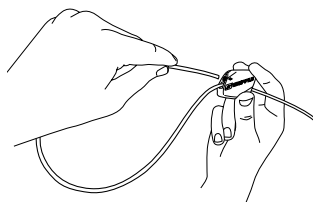
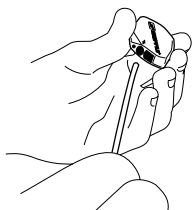


All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

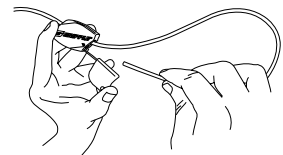
## Available Sizes and Load Ratings

	<b>No. 3</b> 90 kg (5:1)		<b>No. 4</b> 225 kg (5:1)		<b>No. 5</b> 325 kg (5:1)
			<b>No. 4</b> 250 kg (5:1)		<b>No. 6</b> 350 kg (5:1)

### Installation



### Release



# Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. HF410FR):

PRODUCT	WIRE LENGTH	END FIXING
<input type="text"/>	<input type="text"/>	<input type="text"/>

## 1 CHOOSE YOUR PRODUCT

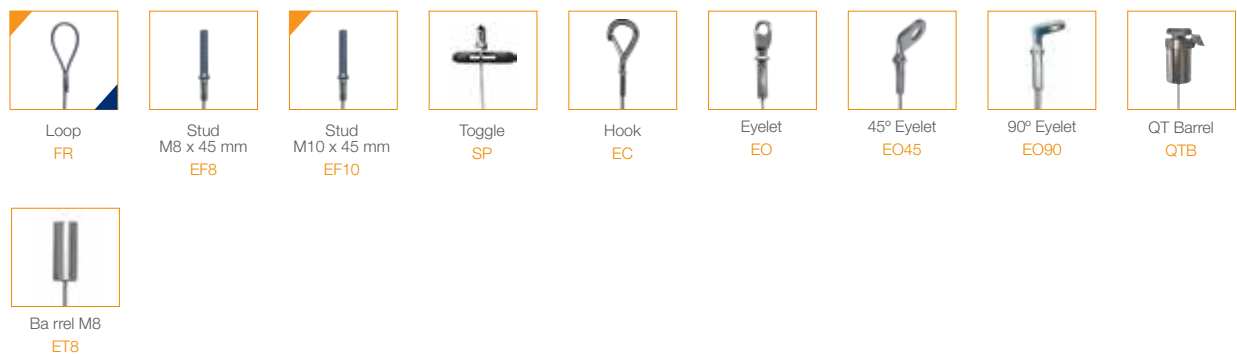


HF4/LKP4 are available with Loop and M10 Stud end fixings only. HF5/LKP6 are available with Loop end fixing only.

## 2 CHOOSE YOUR WIRE LENGTH (in meter)



## 3 CHOOSE YOUR END FIXING



HF4/LKP4 are available with Loop and M10 Stud end fixings only. HF5/LKP6 are available with Loop end fixing only.

For more available End Fixings and further product information please call +33 (0)3 88 95 44 95 or visit our website [www.griple.com](http://www.griple.com) for further details.

# HF Classic Inox

Used to suspend a variety of mechanical and electrical services in the food industry and high humidity environments.

- Stainless steel body and springs are corrosion resistant and long-lasting
- Ceramic wedges for extra strength and corrosion resistance
- Aesthetically discreet and lightweight
- Available in two sizes load rated up to 90 kg SWL
- Supplied as a ready-to-use-kit
- Available for use with Loop, M6 and M8 Stud, Karabiner and Toggle end fixings
- Not suitable for Swimming pools



All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

## Available Sizes and Load Ratings

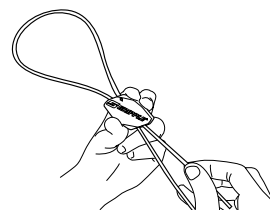
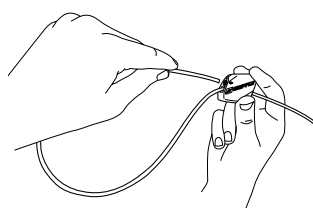
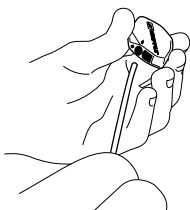


**No. 2**  
45 kg  
(5:1)

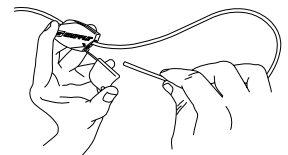


**No. 3**  
90 kg  
(5:1)

## Installation



## Release



# Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. INOX210FR):

PRODUCT	WIRE LENGTH	END FIXING
<input type="text"/>	<input type="text"/>	<input type="text"/>

1

CHOOSE YOUR PRODUCT



HF Classic Inox  
No. 2

INOX2



HF Classic Inox  
No. 3

INOX3

2

CHOOSE YOUR WIRE LENGTH (in meter)

1	2	3	4	5	10
---	---	---	---	---	----

3

CHOOSE YOUR END FIXING



Loop  
FR



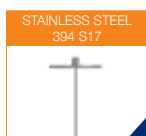
Stud  
M6 x 20 mm  
EF6



Stud  
M8 x 45 mm  
EF8



Link Hook  
EM



Toggle  
SP

▲ Only available for HF Classic Inox No. 2

For more available End Fixings and further product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com) for further details.

# Angel

Designed for architectural lighting suspensions, signage, acoustic baffles and all other installations where aesthetics are paramount.

- Aesthetic** – the design complements modern building design
- Discreet** – supplied with 1.5 mm wire for a unobtrusive suspension
- Quick** – ergonomic button allows for easy, rapid adjustment
- Strong** – 15 kg SWL to accommodate a wide range of fittings
- Versatile** – variety of different foot and end fixings for attachment to a wide range of products and substrates
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site



..... Available Sizes and Load Ratings .....



**Nr. 1**  
15 kg (5:1)

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

..... Installation Steps .....



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.  
\*Please note a limited number of Angel variants are available in black. For more information please contact Technical Services.

# Angel Feet

The Angel is now even more versatile with a wide range of feet available to suit your application.



## Disc

- Ideal for use with various lighting tracks and track hangers
- Disc diameter 17.5 mm
- Available with a variety of wire end fixings
- Side wire exit



## Hook

- Ideal for light fittings, signage, or for use with eyebolts, spring and wire anchors
- Safety clasp for security
- Integrated hook with 2.5 mm clearance
- Side wire exit



## Central Exit

- Threaded male foot, ideal for direct attachment to light fittings
- Available in M6 and 1/4" UNC, as standard
- 5 mm minimum exposed thread length as standard, bespoke lengths on request
- Central wire exit



## Side Exit Female

- Female threaded foot, ideal for direct attachment to light fittings, frames and acoustic panels
- Available in M4, M6 and 1/4" UNC
- Maximum insertion depth 6 mm
- Side wire exit



## Side Exit Male

- Threaded male foot, ideal for direct attachment to light fittings, frames and acoustic panels
- Available in M4, M6 and 1/4" UNC as standard. M5, M8, M10 and M13 adaptors available
- 15 mm exposed thread length as standard, bespoke lengths on request
- Side wire exit



## Swivel

- Swivel feature for suspension at angles up to 90°
- Available in M4, M6, M8 and 1/4" UNC
- Female: maximum insertion depth 6 mm
- Male: 15 mm exposed thread length as standard
- Side wire exit



## Mini Helix

- Designed for use with polyester fibre acoustic panels
- The helical screw binds layers of polyester fibre to form a strong anchoring point
- The hanger can tilt to one side, acting as a lever for even easier insertion
- Can swivel up to 45 degrees to avoid existing services or suspend circular panels



## Helix

- Ideal for fast installation and easy adjustment of acoustic panels
- Helix screw locks simply into acoustic panels using a hex key
- Locks into acoustic panel with audible click to confirm secure installation
- Central and side wire exit options



## Signage

- Ideal for signage up to 5 mm in thickness
  - Grub screw for direct attachment
  - Available with a variety of wire end fixings
  - Side wire exit
- SWL dependent on the material it is used to suspend



## Four Point

- Ideal for light panels with multi fixing points
- Perfect for even balance of square modules
- Side wire exit
- Four Point disc diameter 16 mm



## Y-Fit Adjustable

- Dual fixing points for balance
- 150, 300 and 500 mm leg lengths as standard which can be adjusted to counter weight bias
- Available with a variety of wire end fixings
- Side wire exit

Other Angel variants available on request. Please contact Gripple for more information or visit our website.

# Angel Feet

The Angel is now even more versatile with a wide range of feet available to suit your application.



## ET

- Designed for use with EUTRAC lighting track
- Simple, 'clip on' design
- Supplied as a ready to use hanger, with EUTRAC clip pre-attached to Angel body



## GT

- Designed for use with Global Pro lighting track
- Simple, 'clip on' design
- Supplied as a ready to use hanger, with GT clip pre-attached to Angel body



## OT

- Designed for use with AAG Stucchi One track
- Simple, 'clip on' design
- Supplied with OT clip pre-attached to Angel body



## ET-J

- Designed for use with EUTRAC lighting track
- Pre-installed screws tighten over a joint between two pieces of track
- Supplied as a ready to use hanger, with EUTRAC clip pre-attached to Angel body



## ET

- Designed for use with EUTRAC lighting track
- Simple, 'clip on' design
- Supplied as a ready to use hanger, with EUTRAC clip pre-attached to Angel body



## ZT

- Designed for use with Zumtobel Tecton track lighting
- Clip snaps into position and is removable with a flat head screwdriver
- Supplied with ZT clip pre-attached to Angel body



## MT

- Designed for use with Phillip Maxos track
- Simple, 'clip on' design
- Supplied with MT clip pre-attached to Angel body
- Side wire exit



## UT-1

- Designed for use with RIDI LINIA and TRILUX E-LINE NEXT FLEX tracks
- Simple, 'clip on' design
- Supplied with UT-1 clip pre-attached to Angel body



## UT-2

- Designed for use with REGIOLUX SDT, TRILUX E-LINE and LIGHTING MOTIONS FUSION tracks
- Simple, 'clip on' design
- Supplied with UT-2 clip pre-attached to Angel body



## T13

- Designed to accommodate smaller track profiles of up to 13 mm internal width
- Rectangular t-foot fits a wide range of tracks used for suspending acoustic, display, signage and lighting solutions
- Threaded foot attachment allows installer to tighten Angel body by hand



## T19

- Designed to accommodate track profiles of up to 19 mm internal width
- Rectangular t-foot fits a wide range of tracks used for suspending acoustic, display, signage and lighting solutions
- Threaded foot attachment allows installer to tighten Angel body by hand
- Supplied with a 14 mm nickel-plated steel washer

























Other Angel variants available on request. Please contact Gripple for more information or visit our website.

# Angel Feet Kit Codes

How to work out your unique product code:



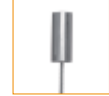












**1**    **PRODUCT**    **ANGEL (AL1)**

**2**    **CHOOSE YOUR ANGEL FOOT**

 Disk SD	 Hook ISH	 T19 ST19	 Y-Fit Adjustable AYTG AYHG	 Side Exit Female SF6 SF4	 Side Exit Male SF6-M624*** SF4-M424***	 Mini Helix SMHX	 T13 ST13
 GT GT	 OT OT	 Four Point FPMHG* FPTG* FPHG*	 Central Exit CM6	 UT-1 UT1	 Helix SHX CHX	 Signage Rail SRS SS	 ET ET
 ET-J ETJ	 Knockout KO	 MT MT	 Signage SL5	 Swivel SF4W/SF6W SF8W/SM5W SM6W/SM8W SM10W/SM13W	 T30 T30-10mm** T30-14mm**	 UT-2 UT2	 ZT ZT

\*Available with 150, 300 and 500mm leg lengths \*\*Plastic or steel washers available on request \*\*\*M5, M8, M10 and M13 sizes available on request

**3**    **CHOOSE YOUR END FIXING**

 Top Hat BB6	 Twist Clip White TCW	 M6 Barrel B6G	 End Stop EG	 Eyelet EY6G	 Snap Hook HG	 Loop LG	 Mini Hook MHG
 M6 Stud S6G	 Toggle TG	 90° Eyelet EY906G	 Magnetic Pad MPG	 Cladding Hook CHG	 C-Clip 3 mm CC3	 C-Clip 6 mm CC6	

**4**    **CHOOSE YOUR WIRE LENGTH**

**1M**    **2M**    **3M**    **4M**    **5M**    **10M**

Enter your unique product code (e.g. AL1-SD-BB6-1M):

-       -       -

**PRODUCT**    **FOOT**    **END FIXING**    **WIRE LENGTH**



# KBL Kit

Especially in modern architecture, acoustic baffles and ceiling rafts can be suspended fast and easily with our KBL kit. Our suspension system combine with an acoustic panel offer an excellent sound-absorbing system and substantially improve the room acoustics and its design.

- Elegant, aesthetic, discreet
- Simple one handed operation for easy adjustment
- Available with an integrated 5 mm clearance Side Hook or M6 x 15 mm threaded male foot
- 2, 4 or 6 pieces kits available depending on the size of the panels
- 3 end fixings available: ED6, FR and EF6
- Accessory available: spring for acoustic panels



## Product Solutions



### KBL Hook Kit

Integrated side hook with 5 mm clearance. Safety clasp for security.



### KBL Threaded Kit

Ideal for direct attachment in a metal frame. 15 mm exposed thread length as a standard.

### Available Sizes and Load Ratings

**No. 1**

up to 15 kg\*

*\*Load rating depends on acoustic baffle*

Enter your unique product code (e.g. **KBL2ED6A4P**)

PRODUCT	WIRE LENGTH	END FIXING	QUANTITY PER KIT
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

### 1 CHOOSE YOUR PRODUCT



KBL Hook Kit  
KBL



KBL Threaded Kit  
KBL6

### 2 CHOOSE YOUR WIRE LENGTH (in meter)



### 3 CHOOSE YOUR END FIXING



Top Hat  
ED6

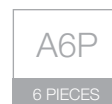
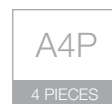
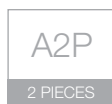


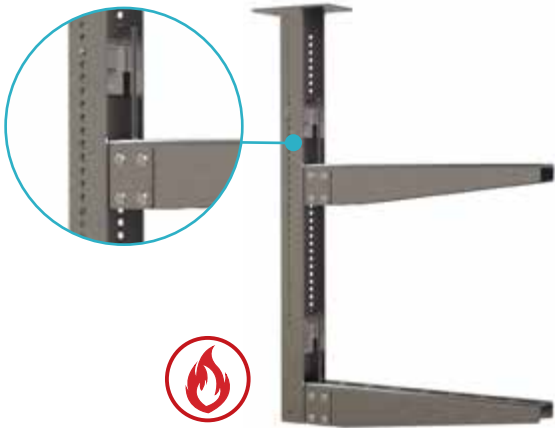
Loop  
FR



Stud  
M6 x 20 mm  
EF6

### 4 QUANTITY PER KIT





## INNOVATION

# SidePro

## Heavy Duty Side-Loaded Cantilever System

Side-loading bracketry system with push-button adjustment for fast & easy installation of high-load electrical and mechanical services.



### Adjustable

Push-button cartridge allows the bracket to be adjusted to the correct height on the pendant, without the need for tools.

### Easy installation

Minimal spacing between the pendant holes assists with levelling on uneven surfaces.

### Space-Saving

High-load services can be side-loaded and brackets can be multi-tiered to accommodate additional suspensions.

### Strong

Up to 200kg load rating for Single Pendant and 400kg for Back-to-Back Pendant.



## Installation Single Pendant and cantilever bracket



**1**  
Installation - Back-to-Back Pendant To install the pendant, mark out the hole centre locations, using the top plate dimensions. Drill the fixing holes to the required depth and diameter\*. Position the single pendant over the drilled holes and anchor into place, use a square washer underneath the fixing. \* Fixing type, diameter and embedment depth subject to required loading combination, seek advice from Gripple's Technical Services.



**2**  
To install the bracket, support the bracket's weight and press the cartridge's button to retract the fixing pins. Hold the cartridge button whilst locating the bracket into the pendant's channel. Release the cartridge button to allow the cartridge's pins to locate the pendant's holes (ensuring that the pin has passed all the way through the hole and the locked line is visible).



**3**  
To adjust the bracket's height, support the bracket's weight, press and hold the cartridge button to retract the fixing pins whilst adjusting the bracket to the correct height. Release the pins and allow them to locate the hole, locking them at the correct height. Ensure the pins have passed all the way through the hole and the witness line is fully visible.



**4**  
Repeat steps 2-3 to install additional brackets as necessary.



safety factor 1,7:1

**Maximum workload**

200 kg for single pendant  
400 kg for double pendant

**Size of vertical supports**

200 mm - 1500 mm

Pendant sizes increase in 100 mm increments

## Installation of back-to-back pendant



Repeat steps 1-3 above for the installation of Back- to-Back pendants. When installing multiple brackets at different heights, ensure a 187,5mm gap is left between horizontal supports.

## Installation - Wall bracket



**1**  
Position the bracket against the wall, mark the fixing points, and then drill to the required diameter and depth. The choice of fixings and anchors depends on the loads to be supported; for recommendations, consult Gripple's technical department.



**2**  
Use a square washer and fixings to attach the bracket to the wall.



safety factor 1,7:1

**Maximum workload**

Up to 200 kg

**Size of horizontal supports**

200 mm - 600 mm

Bracket sizes increase in 100 mm increments

Find all the accessories  
SidePro on page 129

Norme (BS EN 61537:2007  
Cable management. Cable  
tray systems and cable  
ladder systems



# References

How to determine your product reference

## 1 Choose your vertical pendant



Single pendant  
**SIDEPRO-SP-200 to 1500**

Single pendant	Pendant drop length mm
SIDEPRO-SP-200	265
SIDEPRO-SP-300	365
SIDEPRO-SP-400	465
SIDEPRO-SP-500	565
SIDEPRO-SP-600	665
SIDEPRO-SP-700	765
SIDEPRO-SP-800	865
SIDEPRO-SP-900	965
SIDEPRO-SP-1000	1065
SIDEPRO-SP-1250	1315
SIDEPRO-SP-1500	1565



Back-to-back pendant  
**SIDEPRO-DP-200 to 1500**

Double pendant	Pendant drop length mm
SIDEPRO-DP-200	265
SIDEPRO-DP-300	365
SIDEPRO-DP-400	465
SIDEPRO-DP-500	565
SIDEPRO-DP-600	665
SIDEPRO-DP-700	765
SIDEPRO-DP-800	865
SIDEPRO-DP-900	965
SIDEPRO-DP-1000	1065
SIDEPRO-DP-1250	1315
SIDEPRO-DP-1500	1565

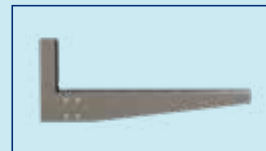
## 2 Choose your cantilever bracket



Bracket  
**SIDEPRO-B-100 to 600**

Cantilever bracket	Useable width mm
SIDEPRO-B-100	108
SIDEPRO-B-200	208
SIDEPRO-B-300	308
SIDEPRO-B-400	408
SIDEPRO-B-500	508
SIDEPRO-B-600	608

## SidePro Wall Bracket



Wall-fixed Bracket

**SIDEPRO-WFB-100 to 600**

Wall-fixed bracket	Useable width mm
SIDEPRO-WFB-100	117
SIDEPRO-WFB-200	217
SIDEPRO-WFB-300	317
SIDEPRO-WFB-400	417
SIDEPRO-WFB-500	517
SIDEPRO-WFB-600	617

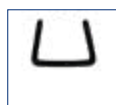
## 3 Choose your accessories



Drilling template top plate  
**SIDEPRO-CARD**



End cap back-to-back pendant  
**SIDEPRO-CAP-DP**



End cap single pendant  
**SIDEPRO-CAP-SP**

For more information on available products, please call +33 (0)3 88 95 44 95 or visit our website [www.griple.com](http://www.griple.com)

# SIDEPRO

much more  
than a  
cantilever  
system



# Fast Trak – Standard

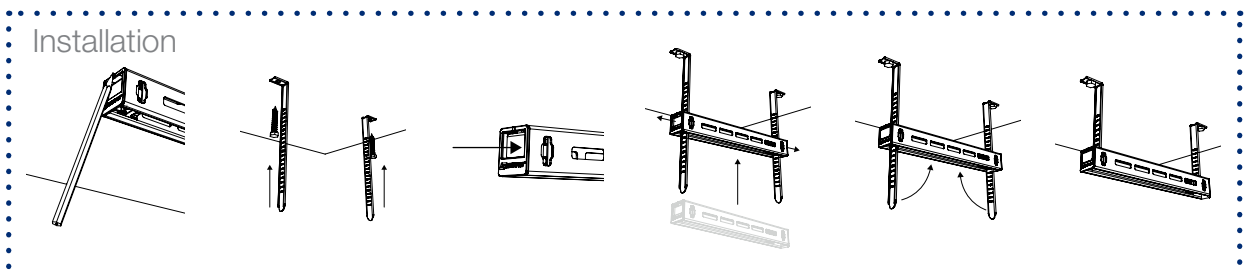
Pre-fabricated, trapeze bracket solution offering speed, flexibility and efficient use of space, for the installation of electrical containment, pipework, ductwork and other mechanical services in restricted places.

- Quick – up to six times faster to install than traditional suspension systems
- Safe – pre-fabricated system which removes the need to cut threaded rod or channel on site
- Tool free – bracket can be moved up and down the tracks to accommodate changes in position during installation
- Secure – safety locks ensure security once brackets & tracks are in place
- Space saver – can be multi-tiered to accommodate additional services
- Neat & tidy – system can be 'stacked' on-site to reduce storage



Available in FTB bracket length from 170 mm up to 1 470 mm and in vertical tracks FTT from 200 mm up to 1 500 mm.

Available Bracket Sizes			Available Track Sizes	
<b>System Rating</b> Up to 200 kg <sup>1</sup>	<b>Bracket Sizes</b> 170 mm - 1470 mm	Bracket sizes increase in 100 mm increments	<b>Track Sizes</b> 200 mm - 1500 mm	Track sizes increase in 100 mm increments
Safety factor 3:1			Safety factor 5:1	



Do not adjust under load. <sup>1</sup>Tested at ambient temperatures, see bracket data on page 133 for maximum working load. Excess tracks can also be snapped off once bracket is levelled & secured for a neater finish. Bending tracks by hand is not recommended when excess is under 100 mm.

# Fast Trak – Low Profile

A new 21 mm lower profiled pre-fabricated trapeze bracket, offering greater space efficiency than the standard Fast Trak bracket range. Ideal for use with electrical containment, pipework and mechanical services in ultra-restricted ceiling spaces, such as high rise office buildings, apartment blocks and hotels.

- Space saving – 21 mm bracket depth is even lower profile than standard Fast Trak range
- Quick – up to six times faster to install than traditional suspension systems
- Safe – pre-fabricated system which removes the need to cut threaded rod or channel on site
- Easy measurement – indicators at each end of the bracket can be used as a measurement guide when marking fix points in the ceiling
- Neat & tidy – system can be 'stacked' on-site to reduce storage
- Aesthetic – tracks bend neatly under bracket or can be concealed using Fast Trak Bracket Cover



Available in FTB bracket length from 190 mm up to 1 490 mm and in vertical tracks FTT from 200 mm up to 1 500 mm.

## Available Bracket Sizes



### System Rating

Up to 195 kg<sup>1</sup>

### Bracket Sizes

190 mm - 1490 mm

Bracket sizes increase in 100 mm increments

Safety factor 3:1

## Available Track Sizes



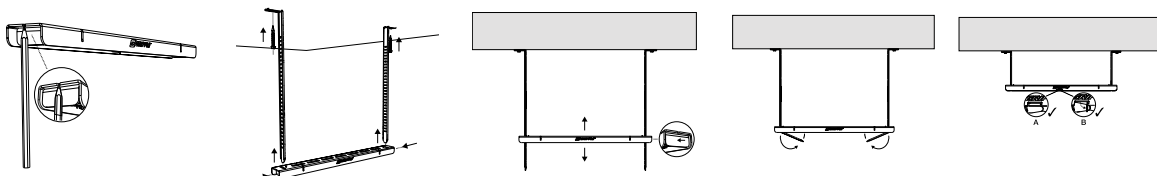
### Track Sizes

200 mm - 1500 mm

Track sizes increase in 100 mm increments

Safety factor 5:1

## Installation



Do not adjust under load. <sup>1</sup>Tested at ambient temperatures, see bracket data on page 133 for maximum working load.

Excess tracks can also be snapped off once bracket is levelled & secured for a neater finish. Bending tracks by hand is not recommended when excess is under 100 mm.

# Fast Trak – Side Loading



Pre-fabricated side loading bracket solution offering speed and flexibility for the installation of lightweight electrical containment, pipework and other mechanical services in restricted places.

- Quick – up to four times faster to install than traditional suspension systems
- Safe – pre-fabricated system which removes the need to cut threaded rod or channel on-site
- Tool free – bracket can be moved up and down the tracks to accommodate changes in position during installation
- Secure – safety locks ensure security once brackets and tracks are in place
- Space saver – can be multi-tiered to accommodate additional services
- Easy installation – lightweight services can be side loaded onto the bracket
- Neat & tidy – system can be 'stacked' on-site to reduce storage



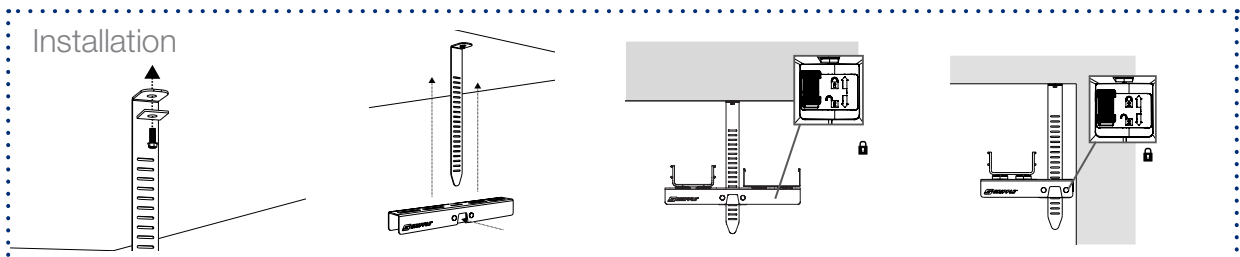
Available in FTB bracket length from 180 mm up to 400 mm and in vertical tracks FTT from 200 mm to 600 mm.

..... Available Bracket Sizes .....

	
Single Load <b>FTBS-180</b> – 15 kg	Twin Load <b>FTBT-200</b> – 30 kg <b>FTBT-300</b> – 30 kg <b>FTBT-400</b> – 30 kg
Safety factor 3:1	

..... Available Track Sizes .....

	
<b>Track Sizes</b> 200 mm - 600 mm	Track sizes increase in 100 mm increments
Safety factor 5:1	

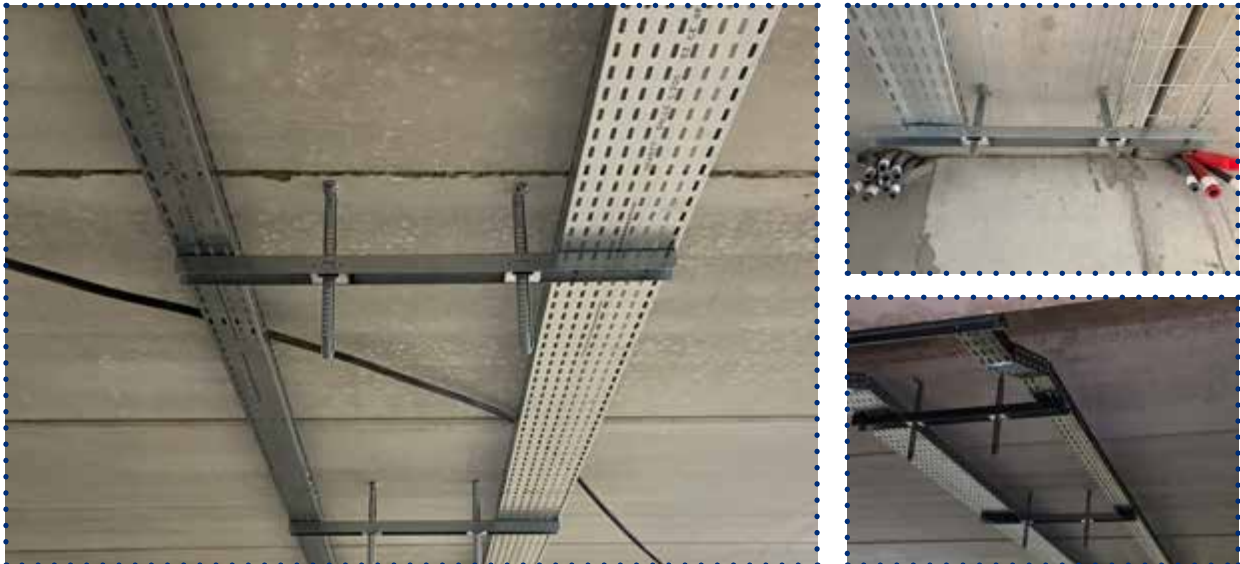


*Do not adjust under load. Excess tracks can also be snapped off once bracket is levelled & secured for a neater finish. Bending tracks by hand is not recommended when excess is under 100 mm.*

# Fast Trak – Triple

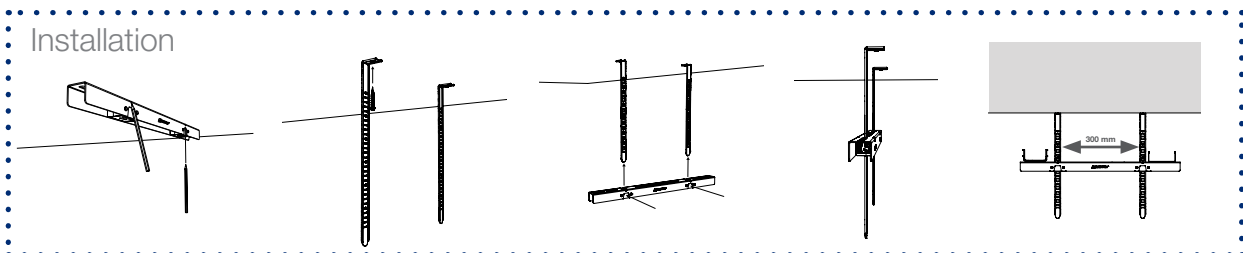
Pre-fabricated side loading bracket solution offering speed and flexibility for the installation of lightweight services that require a 300 mm separation such as power and data cables.

- Quick – up to six times faster to install than traditional suspension systems, lightweight services can be side loaded onto the bracket
- Safe – pre-fabricated system which removes the need to cut threaded rod or channel on site
- Compliant – adheres to regulations where power and data cables must be separated by a required distance (300 mm)
- Secure – locks ensure security once brackets & tracks are in place
- Space saver – can be multi-tiered to accommodate additional services
- Easy measurement – indicators above adjustment buttons on the bracket offer a measurement guide when marking fixing points on the ceiling; M4 level markers on the tracks highlight 50 mm increments, no leveling tools required



Available in FTB bracket length from 607 mm up to 1 047 mm and in vertical tracks FTT in 200, 300, 400, 500 or 600 mm.

..... Available Bracket Sizes .....	..... Available Track Sizes .....
<p><b>FTBSG-130</b> – 2x 22,5 kg - 3:1  <b>FTBSG-240</b> – 2x 22,5 kg - 3:1  <b>FTBSG-350</b> – 2x 22,5 kg - 3:1</p> <p>Safety factor 3:1</p>	<p><b>Track Sizes</b>                  200 mm - 600 mm</p> <p>Track sizes increase in 100 mm increments</p> <p>Safety factor 5:1</p>



*Do not adjust under load. Excess tracks can also be snapped off once bracket is levelled & secured for a neater finish. Bending tracks by hand is not recommended when excess is under 100 mm.*

# Fast Trak Accessories



## Fast Trak – Cache

It allows you to protect and hide the underside of the Fast Trak system to make it even more aesthetically pleasing when the supports are visible.

Reference	FTBC1530G
-----------	-----------



## Fast Trak – Protector

The Fast Trak Protector is an end cap designed for the protruding parts of vertical supports to reduce the risk of injury after system installation. Available in 2 sizes.

Reference	FTTPS100P (100 par sachet)
	FTTPL100P (100 par sachet)



## Fast Trak – Seismic Adapter

The Fast Trak – Seismic Adapter is used in conjunction with seismic bracing kits to enable the Fast Trak system to be installed in areas of seismic activity.

Reference	FTSMBM10
-----------	----------



## Fire Fastener

The Fast Trak – Fire Fastener is a fire-resistant fixing clip, designed to allow the use of the Fast Trak when fire resistance is required and when the bracket is installed with the C-type profile on top..

Reference	FTFC
-----------	------



## CT Clip

- Prevents lifting and slippage of sheet metal cable trays
- Versatile – 2 sizes available for fixing to 2 mm thick steel (Fast Trak, G100 et G200) et 3 mm (G300 et G400)
- Easy – no tools required, simple press-fit

Reference	CTC2100P
	CTC3100P



## CB Clip

- Secure – prevents the wire cable tray from lifting and slipping
- Versatile – 2 sizes available for cable trays with diameters of 4 mm and 5 mm
- Easy – tool-free quarter-turn installation

Reference	CBC4100P
	CBC5100P
	CBC43100P
	CBC53100P



## VDP – Plot Antivibratile

- The VDP anti-vibration accessory allows for the attenuation of vibrations between the rectangular ventilation duct and the Fast Trak support system
- Effective – anti-vibration mount that dampens vibrations
- Easy – made of EPDM-type rubber, no cutting, no tools required
- Versatile – clips onto a multitude of Fast Trak, UB Kit and Kit type mounts LPB and eliminates direct contact between the rectangular duct and the horizontal support

Reference	VDP100
-----------	--------

# Fast Trak Product Codes

1

## CHOOSE YOUR FAST TRAK BRACKET LENGTH\*

Standard



239 mm  
FTB-170

339 mm  
FTB-270

439 mm  
FTB-370

539 mm  
FTB-470

639 mm  
FTB-570

739 mm  
FTB-670

839 mm  
FTB-770

939 mm  
FTB-870

1039 mm  
FTB-970

1139 mm  
FTB-1070

1239 mm  
FTB-1170

1339 mm  
FTB-1270

1439 mm  
FTB-1370

1539 mm  
FTB-1470

Low Profile



235 mm  
FTBL-190

335 mm  
FTBL-290

435 mm  
FTBL-390

535 mm  
FTBL-490

635 mm  
FTBL-590

735 mm  
FTBL-690

835 mm  
FTBL-790

935 mm  
FTBL-890

1035 mm  
FTBL-990

1135 mm  
FTBL-1090

1235 mm  
FTBL-1190

1335 mm  
FTBL-1290

1435 mm  
FTBL-1390

1535 mm  
FTBL-1490

Side Loading



180 mm  
FTBS-180

210 mm  
FTBT-200

290 mm  
FTBT-300

400 mm  
FTBT-400

Segregated



607 mm  
FTBSG-130

827 mm  
FTBSG-240

1047 mm  
FTBSG-350

\*Part codes shown above relate to the suspension space for positioning building services onto the Fast Trak brackets, not the full length of the brackets. For more information on bracket sizes and safe working loads please contact Gripple Technical Services.

2

## CHOOSE YOUR FAST TRAK TRACK LENGTH

Suspension Track



200 mm\*  
FTT-200

300 mm\*  
FTT-300

400 mm\*  
FTT-400

500 mm\*  
FTT-500

600 mm\*  
FTT-600

700 mm  
FTT-700

800 mm  
FTT-800

900 mm  
FTT-900

1000 mm  
FTT-1000

1100 mm  
FTT-1100

1200 mm  
FTT-1200

1300 mm  
FTT-1300

1400 mm  
FTT-1400

1500 mm  
FTT-1500

\*Length only available for use with Side Loading and Segregated brackets. For more information on bracket sizes and safe working loads please contact Gripple Technical Services.

# Fast Trak – J-Hook

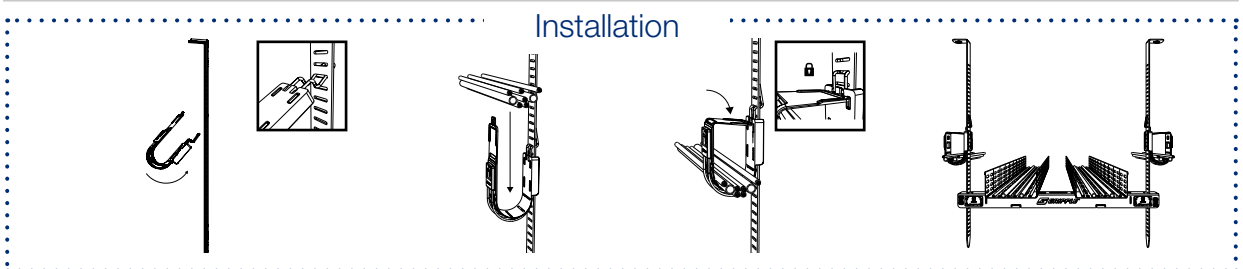


The J-Hook is used in conjunction with the Fast Trak tracks to support all types of data cables, VRF and condensate pipes.

- Compatible – supports all types of data cables
- Secure – gate 'lock-off' that can be reopened to add additional cables
- Strong – high performance, wide base wire form design
- Quick – fast connection onto the Fast Trak track
- Versatile – can also be used for VRF/condensate pipes



Product Code	Maximum Working Load (kg)	A (ø mm)	B (mm)	C (mm)
FTJH2IN	5	50	125,6	40



# FlexiStak™

## Adjustable support

FlexiStak is the latest solution for suspending refrigeration lines and electrical cables.

- Easy height adjustment  
Push-button system
- Modular installation Multiple clamps can be used on the same support
- Quick installation Immediate time savings



### Specifications

#### Materials

- Collar: 30% fiberglass-reinforced nylon
- Metal clip : BS5216 HS3 spring steel
- Spring : Stainless steel
- Lock : Carbon steel

#### Workload

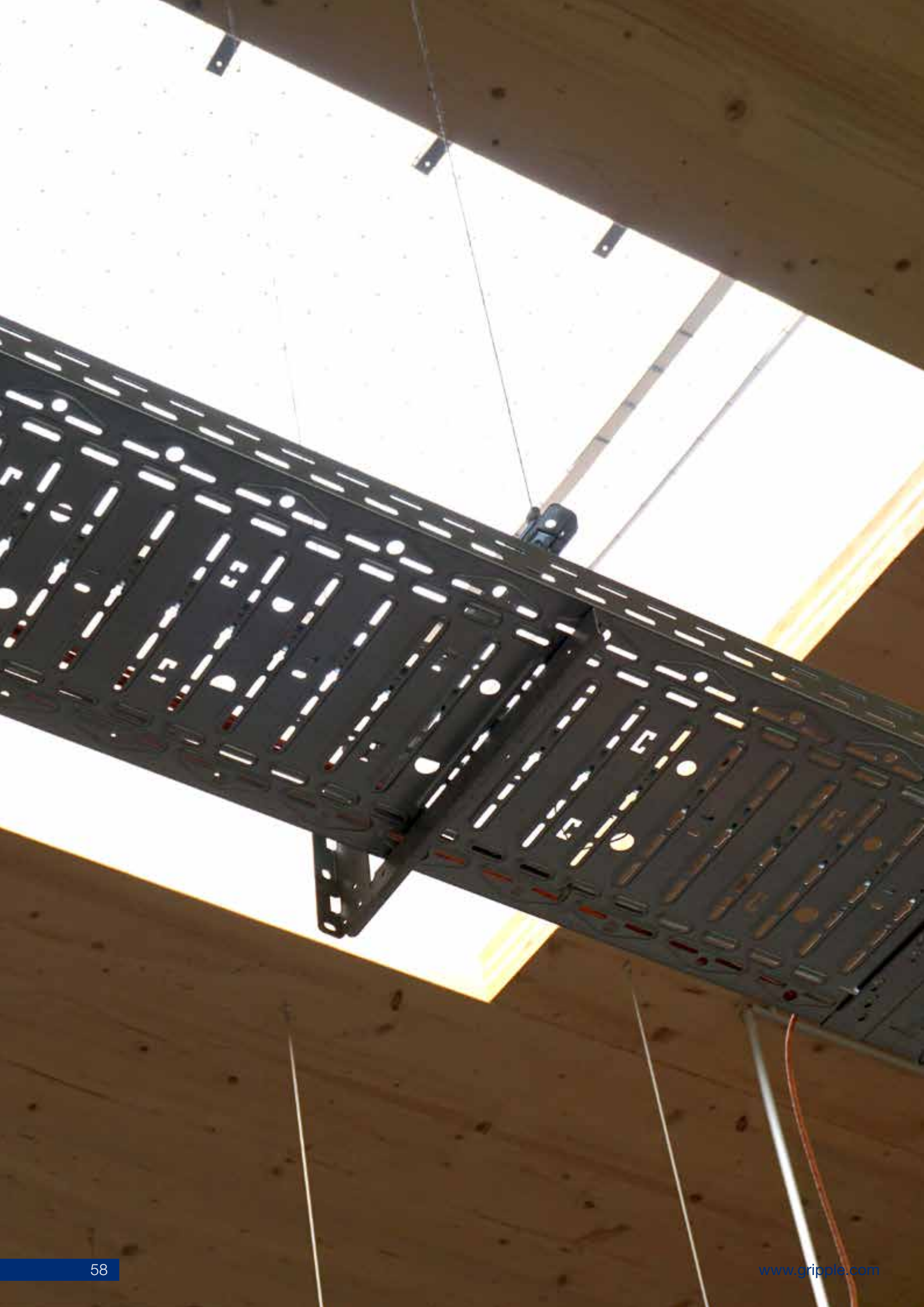
- 35 kg with a safety factor of 3:1

### Packaging

	LITTLE	GRAND
Product code:	FS300	FS350
Quantity per box:	24	20

### ..... Installation .....





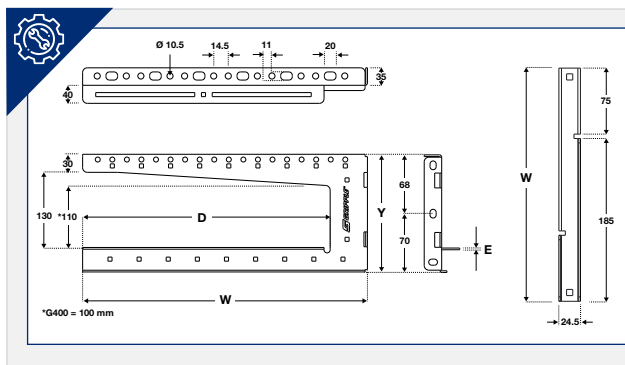
# G-Bracket

Ideal for use in conjunction with UniGrip Y-Fit using the hook end fixing, or alternatively our Y-Fit Accessory, offering quick and easy containment suspension.



From left to right:  
G100, G200, G300, G400,  
G-Spacer

- Designed for suspending or wall and soffit mounting
- Storage height increased to 110 mm (G400 = 100 mm)
- Clearance increased to 130 mm to fit electrical cable easily
- Cables are loaded easier and faster
- Complete installation is well balanced
- Ability to stack back to back or one on top of each other
- The G-Spacer allows the linking of two G-Brackets, with a distance of 300 mm to separate both electrical and data cables



Product Code	Maximum Working Load (kg)	D (mm)	W (mm)	E (mm)	Y (mm)
G100	60	125	188	2	200
G200	60	200	263	2	200
G300	60	325	389	3	202
G400	60	425	489	3	202
GSPACER	-	-	265	2	-

## Installation



Vertical stack



With G-Spacer



With UniGrip - Y-Fit

# Universal Bracket

Universal Brackets are designed for quick and easy support of electrical containment, pipework and HVAC services.

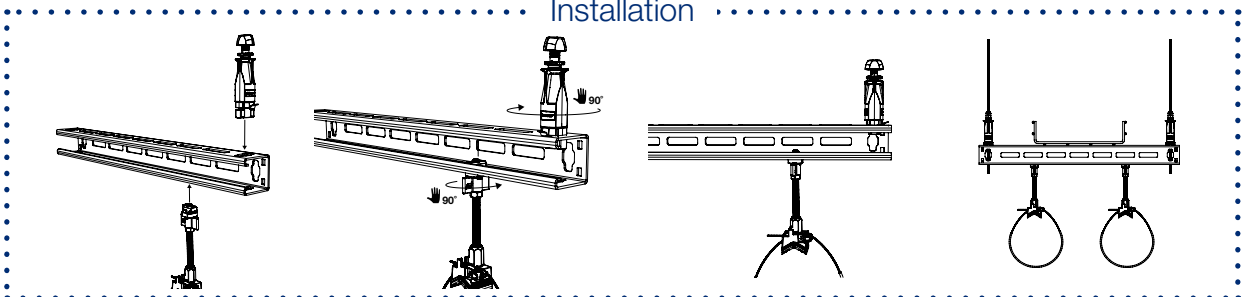
- Quick – pre-cut lengths eliminate the need for cutting channel on-site, allowing more productive use of labour
- Versatile – can be bolted directly to soffit or wall, or suspended from the soffit using a UniGrip – QTE
- Compatible – uniform slots on three sides allow accurate alignment of Gripple clamps and QT accessories with the fourth side permitting the use of channel and strut accessories
- Safe – improved health and safety as no tools or ‘hot works’ permit required for installation
- Available up to 200 kg SWL, with a 3:1 safety factor\*



## Product Codes

239 mm UB-170	339 mm UB-270	439 mm UB-370	539 mm UB-470	639 mm UB-570	739 mm UB-670	839 mm UB-770
939 mm UB-870	1039 mm UB-970	1139 mm UB-1070	1239 mm UB-1170	1339 mm UB-1270	1439 mm UB-1370	1539 mm UB-1470

## Installation

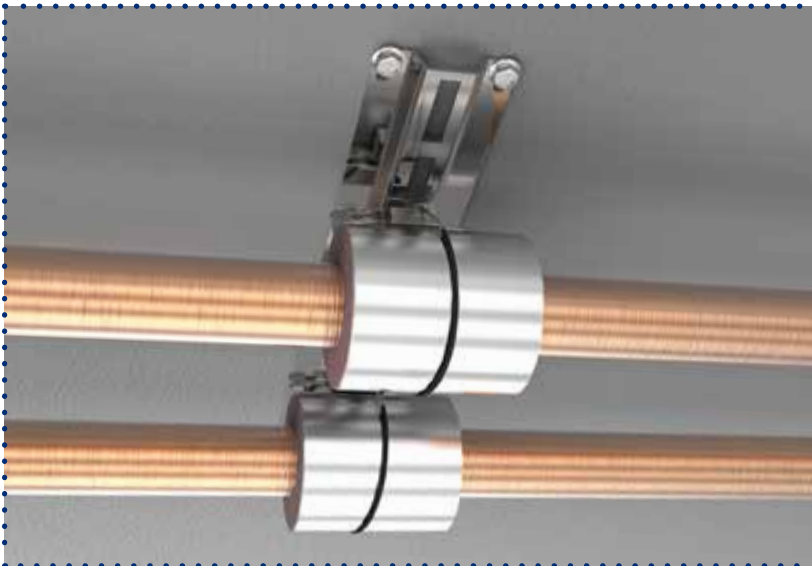


\*see bracket data on page 133 for maximum working load.

# LPB Bracket

Low Profile Bracket kits are supplied with Quick Twist Compact Clamps for quick and easy support of pipework within mechanical and plumbing services.

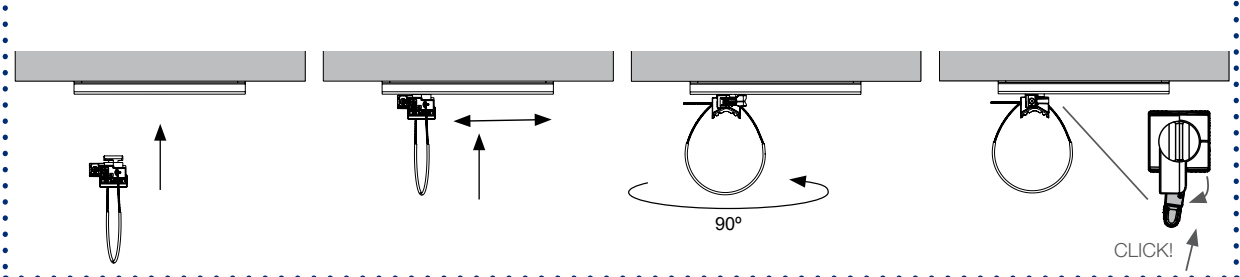
- Quick and easy installation – Low Profile Brackets are supplied with universal Quick Twist Compact Clamps featuring quarter turn fixing
- Versatile – bolted directly to soffit or wall
- Saves labour time – Eliminates the need for cutting channel on site, allowing more productive use of labour
- Universal – For pipe sizes  $\text{\O ext. } 17 \text{ mm}$  to  $\text{\O ext. } 89 \text{ mm}$
- Available up to 150 kg SWL\*



## Product Codes

180 mm LPB-180	250 mm LPB-250	350 mm LPB-350	450 mm LPB-450	550 mm LPB-550	650 mm LPB-650	750 mm LPB-750	
850 mm LPB-850	950 mm LPB-950	1050 mm LPB-1050	1150 mm LPB-1150	1250 mm LPB-1250	1350 mm LPB-1350	1450 mm LPB-1450	1550 mm LPB-1550

## Installation

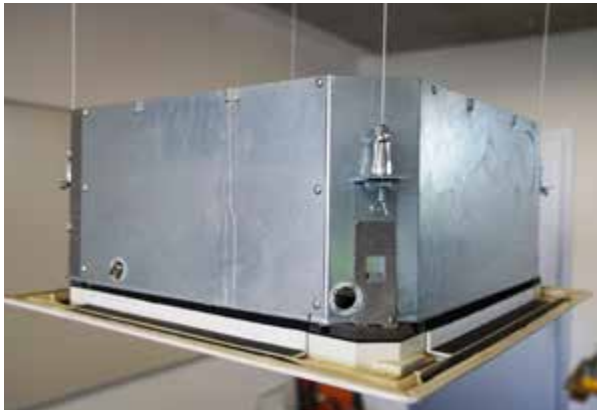


\*see bracket data on page 133 for maximum working load.


# UniGrip

The next generation of wire rope suspension products designed for the fast suspension of cable containment, pipework, ductwork, HVAC systems and modules including multi-tier installations.

- Quick** – up to 6 times faster than traditional suspension systems
- Safe** – can be pre-installed to channel using pre-fitted washer/nut or using retention clip reducing time working at height
- Easy** – integral ergonomically designed release button allows for simple adjustment
- Secure** – button acts as a locking screw and indicator clearly highlights the wire is locked in position for ultimate security
- Versatile** – variety of foot attachments available to suit applications
- Strong** – highest load rating capability to date, up to 360 kg SWL with a 5:1 safety factor

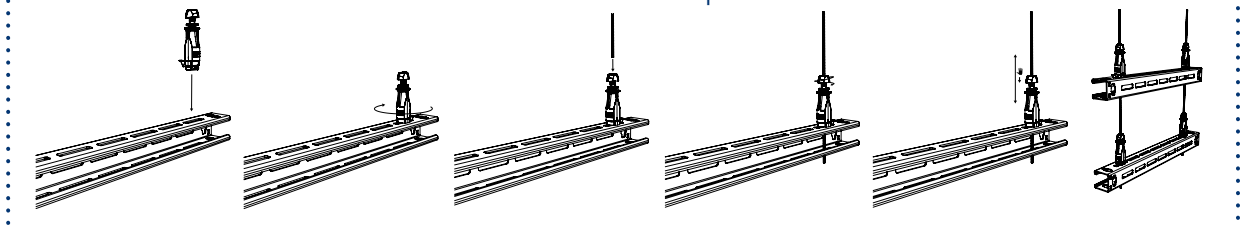


## ..... Available Sizes and Load Ratings .....

	<b>No. 2</b> 55 kg SWL (5:1)		<b>No. 3</b> 110 kg SWL (5:1)		<b>No. 4</b> 250 kg SWL (5:1)		<b>No. 6</b> 360 kg SWL (5:1)
-------------------------------------------------------------------------------------	------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------	-------------------------------------------------------------------------------------	-------------------------------------	---------------------------------------------------------------------------------------	-------------------------------------

All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

## ..... Installation Steps .....



Contact Gripple for full product information, submittal data and technical support.

# UniGrip Feet

UniGrip is available with a range of ‘feet’ options, making it an ideal solution for all building services applications. Consolidating the number of products used to install services on-site will simplify the entire installation process and offer consistency across the project.



## Standard

- Designed for non mechanical fixing through standard channel
- Supplied with retention clip for pre-fabrication applications
- Central wire exit



## QTUB

- Designed for use with Gripple Universal Bracket suspension slot
- Quarter turn installation, no mechanical fix required
- Safety clip for added security
- Central wire exit



## Calibra

- Designed for adjustment of building services under load
- 35 mm of finite adjustment using integral adjustment pillar and M8 thread
- Side wire exit



## Hook

- Self closing latch for security
- Designed for heating/cooling panels and light fittings
- Side wire exit



## Y-Fit

- Designed for lighting or containment
- Dual fixing points for balance
- 150 mm, 300 mm and 500 mm leg lengths as standard
- Legs available with a variety of wire end fixings eg. Toggle, Snap Hook etc.
- Side wire exit



## Side Exit

- Designed for applications in which wire cannot exit centrally (avoiding clashes with services)
- Supplied with a hex nut
- Side wire exit
- Both M6 & M8 Variants Available



## Phenolic Adaptor

- Ideal for phenolic & PIR fabricated ductwork
- Fast, tool free insertion with less time at height
- Push-fit directly into the underside of the duct
- 15 kg SWL per bracket at 5:1 safety factor



## Central Exit

- with square washer & channel nut
- Designed for services suspended with channel
- Supplied with a channel nut
- Male thread for mechanical fixing
- M8 (UniGrip No.2)
- M10 (UniGrip No.3)
- M12 (UniGrip No.4)
- Central wire exit

For more available end fixings and further product information please call **+44 (0) 114 275 2255** or visit our website [www.gripple.com](http://www.gripple.com) for further details.

# Trapeze TPZGR & TPZPL

Ideal for fast and easy suspension of rectangular ducts and plenum boxes.

- Eliminates channel support
- Suitable for ducting made from 0,6 - 1,5 mm gauge steel
- Spreads the load across fixing points, for self-drilling screws or pop rivets (not provided)
- Rubber pad prevents air leakage and dampens vibration
- Conforms to EN 1507 class C
- Pin allows rapid adjustment
- Can be used for multi-tiered installations





Trapeze TPZGR

Trapeze TPZPL

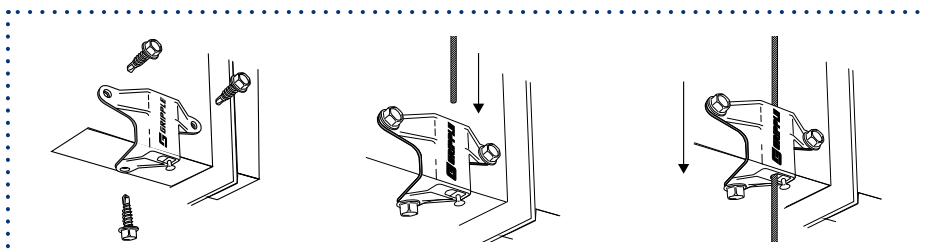


All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

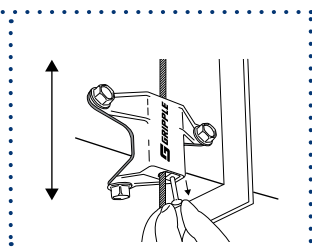
## Available Sizes and Load Ratings

	<p><b>No. 2</b> 45 kg SWL (5:1)</p>		<p><b>No. 2</b> 45 kg SWL (5:1)</p>
-------------------------------------------------------------------------------------	---------------------------------------------	--------------------------------------------------------------------------------------	---------------------------------------------

### Installation TPZGR



### Installation TPZPL













Screws are not supplied.


























# UniGrip & Trapeze Kit Codes

How to work out your unique product code:

## 1 CHOOSE YOUR PRODUCT

							
UniGrip Standard No. 2 - UG2 No. 3 - UG3	UniGrip QTUB UG2-QTUB UG3-QTUB	UniGrip Calibra UG2-CAL	UniGrip Y-Fit No. 2 - UG2-Y No. 3 - UG3-Y	UniGrip Side Exit No. 2 M6 Stud UG2-6S30N <sup>1</sup> UG2-6S30	UniGrip Side Exit No. 3 M6 Stud UG3-6S30 UG3-6S30N	UniGrip Central Exit FN <sup>1</sup> No. 2 - UG2-FN No. 3 - UG3-FN No. 4 - UG4-FN	UniGrip Hook UG2-HK
							
Phenolic Adaptor UG2-PA	Duct Trapeze DT2	Butterfly Trapeze BT2				UniGrip Central Exit FCN <sup>2</sup> No. 2 - UG2-CN No. 3 - UG3-CN No. 4 - UG4-CN	

## 2 CHOOSE YOUR END FIXING

								
Loop LG	Stud M8 x 45 mm S8G*	Toggle TG	Snap Hook HG	Eyelet EY6G	45° Eyelet EY4512G	90° Eyelet EY906G	C-Clip 3 mm CC3	C-Clip 6 mm CC6
								
Barrel B6G*	End Stop EG	Cladding Hook CHG	Ring Anchor RAG	Ceiling Anchor CAG	Karabiner KG	18 mm Wedge DW188G	25 mm Wedge DW258G	Alphawedge DA8G
								
Multiwedge 2 DM28G	TR60 Wedge DTR60G	MF Wedge DMF60G	Channel Nut CN8G	QT Barrel QTB	Top Hat BB6	Cable Tray Hook CTG		

\*Stud available in M6, M8 or M10. Barrel available in M6 or M8. Please substitute the (\*) for the size required when ordering, e.g - S6G for an M6 Stud. For fire rated applications, contact Gripple Technical Services.

## 3 CHOOSE YOUR WIRE LENGTH

1M	2M	3M	4M	5M	10M
----	----	----	----	----	-----

Enter your unique product code (e.g. UG2-LG-4M):

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	*
PRODUCT										END FIXING					WIRE LENGTH				

For further product information please call **0800 018 4264** or visit our website [www.gripple.com](http://www.gripple.com) for further details.

# UniGrip – Y-Pipe

The UniGrip – Y-Pipe is a wire suspension product designed for the fast suspension of 2-pipe network.

- Quick – one anchor points, 50% economy on drilling
- Saves labour time – eliminates the need for cutting channel on site and replace rail, brackets and any accessories
- Easy – ready to use, no preparation needed
- Secure – button acts as a locking screw and indicator clearly highlights the wire is locked in position for ultimate security
- Versatile – Ideal for use with the Universal clamp and can be delivered pre-fitted



All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

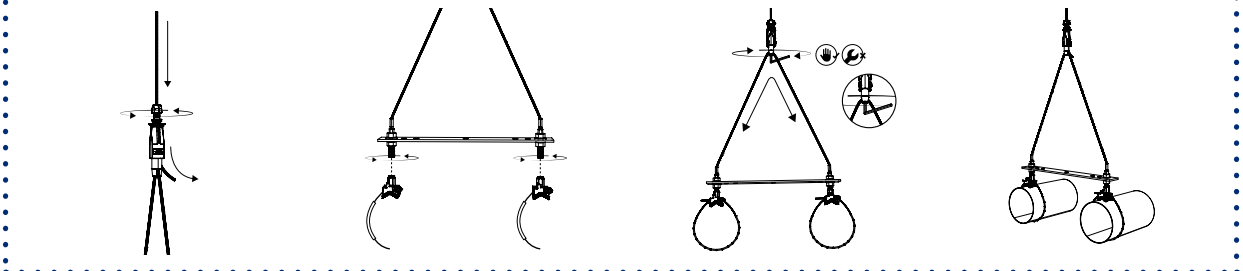
## Available Sizes and Load Ratings



### No. 2

55 kg  
(5:1)

## Installation




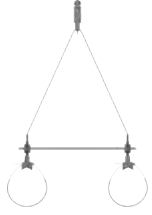
# Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. **UGYP23FR200M8**):

PRODUCT	LENGTH	END FIXING	LEG LENGTH	THREAD DIAMETER
			200	M8

## 1 CHOOSE YOUR PRODUCT

M8	GCA/GCAL
	
UniGrip – Y-Pipe Nr. 2 UGYP2	UniGrip – Y-Pipe Nr. 2 UGYP2

## 2 CHOOSE YOUR LENGTH (in meter)

1	3	5	10
---	---	---	----

## 3 CHOOSE YOUR END FIXING

			
Loop FR	Stud M8 x 45 mm EF8	Cladding Hook TH	Toggle SP

## 4 LEG LENGTH

200
-----

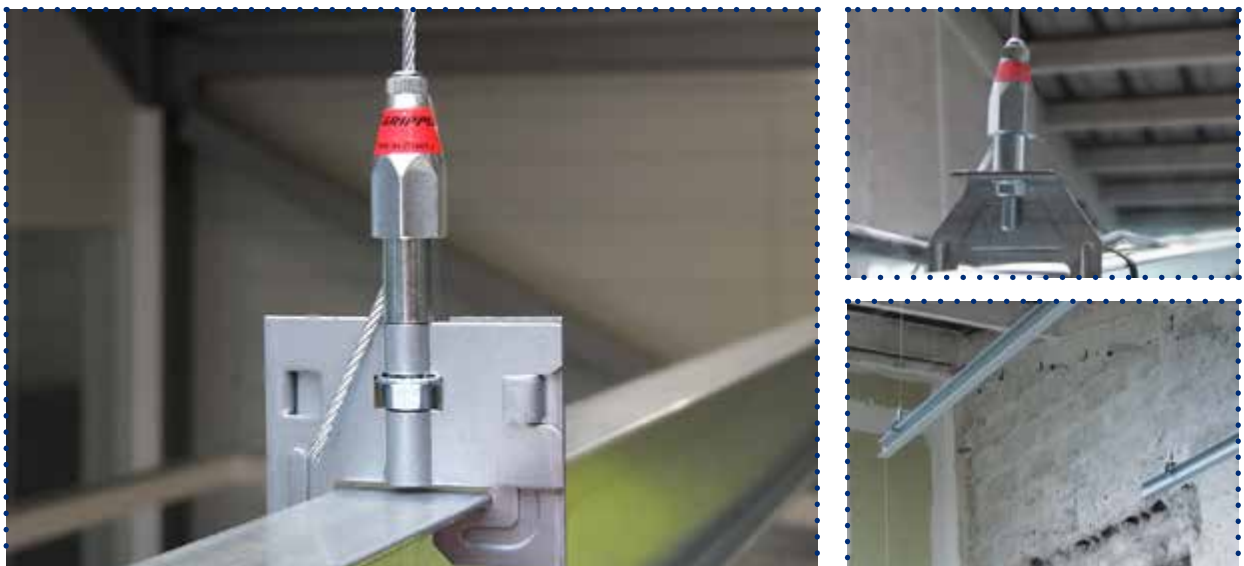
## 5 THREAD DIAMETER

M8
----

# SRP


All steel SRP with galvanised wire rope is packed with new features to make the suspension of building services even more secure and durable.

- Nut supplied
- Tool free setting
- Easy-to-use integral release button to allow finite adjustment
- Tighten the locking screw for ultimate security
- Supplied as a ready-to-use kit with a wide range of end fixings
- Available in size No. 3 with M6 thread load rated at 90 kg with a 3:1 safety factor

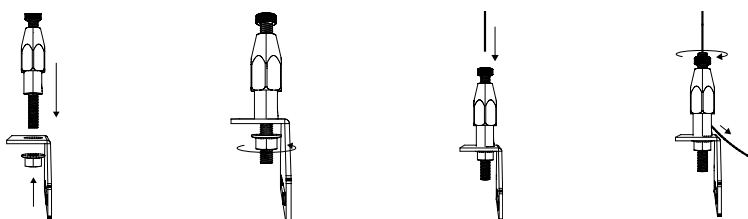


All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

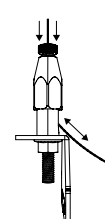
## Available Sizes and Load Ratings

	<p><b>No. 3</b> 90 kg (3:1)</p>
-------------------------------------------------------------------------------------	-----------------------------------------

## Installation



## Release



# Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. **SRP35EF810P**):

PRODUCT	WIRE LENGTH	END FIXING	QUANTITY PER BOX
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

1

CHOOSE YOUR PRODUCT



SRP  
No. 3  
SRP3

2

CHOOSE YOUR WIRE LENGTH (in meter)

<input type="text" value="3"/>	<input type="text" value="5"/>	<input type="text" value="10"/>
--------------------------------	--------------------------------	---------------------------------

3

CHOOSE YOUR END FIXING



Loop  
FR



Stud  
M8 x 45 mm  
EF8

Available with 3 and 5 m wire length only.

4

QUANTITY PER BOX

<input type="text" value="10P"/>	...	<input type="text" value="30P"/>
Only available for 5 m Stud end fixing and 10 m Loop end fixing		Only available for 3 m and 5 m Loop end fixing and 3 m Stud end fixing

For more product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com) for further details.

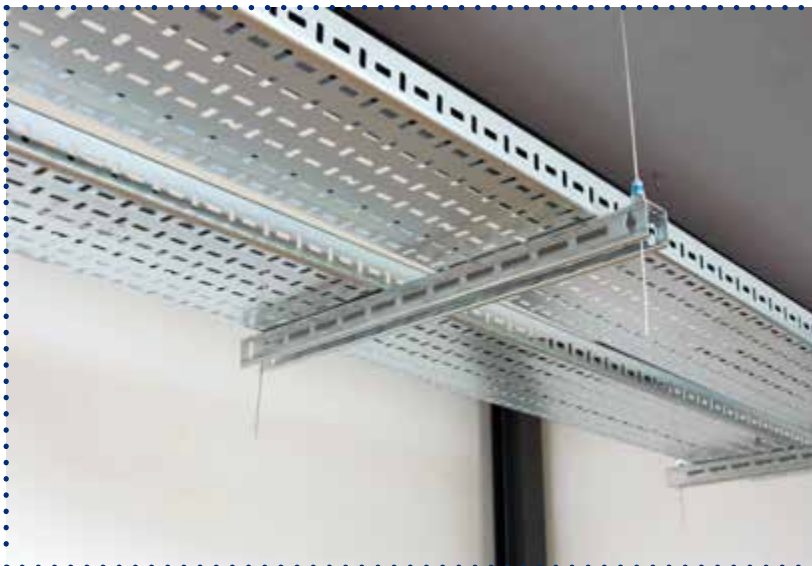
# Trapeze Plus RF

The Trapeze Plus RF is a fire resistant, aesthetic and professional range to suspend all types of equipment. Its integrated locking system allows you to secure even more your installation.




- Reduced time working at height: Pre-install into channel using the washer / nut supplied
- Perfect levelling: Easy-to-use integral adjustment button
- Security: Tighten the locking screw for ultimate security
- Fire resistant: certified up to 120 minutes
- Multi-tier: Channel can be 'stacked' to optimise space
- Suitable for multiple channel profiles using channel nuts



TESTED ACCORDING TO  
**DIN 4102**  
**EN 1363-1:2012**

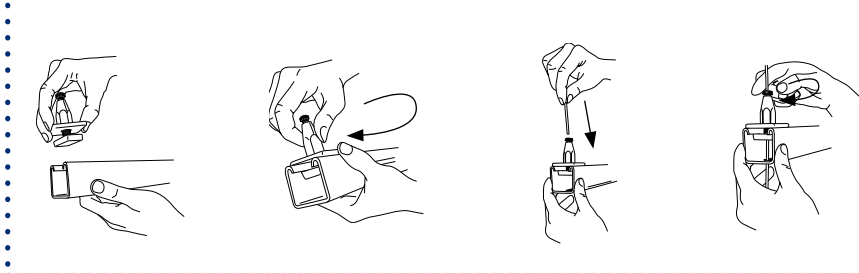


## Available Sizes and Load Ratings

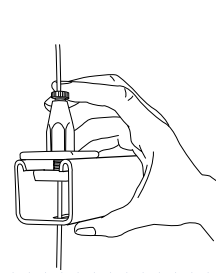
	<p><b>No. 2</b>            45 kg            (3:1)</p>		<p><b>No. 3</b>            90 kg            (3:1)</p>		<p><b>No. 4</b>            225 kg            (3:1)</p>
-------------------------------------------------------------------------------------	---------------------------------------------------------------	-------------------------------------------------------------------------------------	---------------------------------------------------------------	---------------------------------------------------------------------------------------	----------------------------------------------------------------

Load ratings given are based on ambient operating temperatures (-20°C to +60°C)  
 Please see page 66 for load ratings in a fire situation

## Installation



## Release



# HF Classic RF

The fire rated HF Classic RF is used to suspend a variety of HVAC, mechanical and electrical services in fire rated applications.



- Fire rated: tested to F120 to the temperatures associated with DIN4102 Part 2. Certification available with load limits and exposure times
- Stainless steel housing and springs are corrosion and fire resistant
- Ceramic rollers provide extra strength and corrosion resistance
- Aesthetically discreet and lightweight
- Available in two sizes with ambient load ratings of 45 kg (No. 2) and 90 kg (No. 3)
- Supplied as a ready to use kit




**TESTED ACCORDING TO**  
**DIN 4102**  
**EN 1363-1:2012**



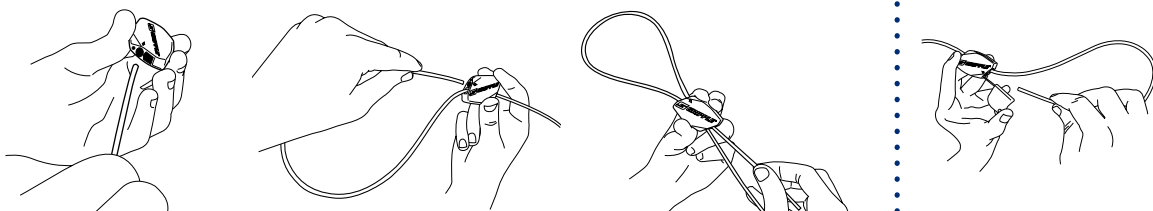
## Available Sizes and Load Ratings

	<p><b>No. 2</b> 45 kg (5:1)</p>		<p><b>No. 3</b> 90 kg (5:1)</p>
-------------------------------------------------------------------------------------	-----------------------------------------	-------------------------------------------------------------------------------------	-----------------------------------------

Load ratings given are based on ambient operating temperatures (-20°C to +60°C)  
Please see page 66 for load ratings in a fire situation

### Installation

### Release



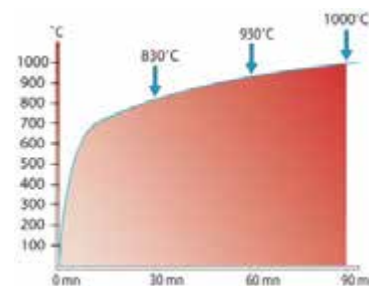
# Fire Rated Product Matrix

		3rd Party Fire Tested to EN 1363-1:2012 / DIN 4102: Part 2 Fire Curve Temperatures			
Test Duration		30 mins (F30)	60 mins (F60)	90 mins (F90)	120 mins (F120)
Temperature		842 °C	945 °C	1006 °C	1049 °C
<b>Gripple Fire Rated Hangers</b>					
HF Classic RF No.2	Loop	15 kg	7,5 kg	2,5 kg	2,5 kg
	M8 Stud	15 kg	7,5 kg	7,5 kg	–
	Toggle	15 kg	7,5 kg	2,5 kg	–
HF Classic RF No.3	Loop	45 kg	20 kg	10 kg	10 kg
	Toggle	45 kg	20 kg	10 kg	–
<b>Gripple RF Y-Fit Accessories</b>					
Y-Fit Accessory No. 2 – Hook End Fixing		15 kg	2,5 kg	2,5 kg	2,5 kg
Y-Fit Accessory No. 3 – Hook End Fixing		45 kg	20 kg	10 kg	–
Y-Fit Accessory No. 2 – Karabiner End Fixing (GRIPKARA8I)		7,5 kg	7,5 kg	7,5 kg	–
Y-Fit Accessory No. 3 – Karabiner End Fixing (GRIPKARA8I)		25 kg	25 kg	–	–
<b>Gripple Trapeze Plus RF Hangers</b>					
Trapeze Plus RF No.2	Toggle	15 kg	7,5 kg	2,5 kg	–
	Loop	15 kg	2,5 kg	2,5 kg	–
	M8 Stud	15 kg	4 kg	2,5 kg	2,5 kg
	90° Eyelet	15 kg	7,5 kg	2,5 kg	2,5 kg
	Eyelet	15 kg	7,5 kg	2,5 kg	2,5 kg
Trapeze Plus RF No.3	Toggle	45 kg	10 kg	10 kg	–
	Loop	20 kg	10 kg	10 kg	–
	M8 Stud	45 kg	20 kg	10 kg	10 kg
	90° Eyelet	45 kg	20 kg	10 kg	–
Trapeze Plus RF No.4	Eyelet	45 kg	20 kg	10 kg	10 kg
	M10 Stud	100 kg	50 kg	25 kg	25 kg
<b>Gripple Trapeze Plus RF Hangers - Side Exit</b>					
Trapeze Plus RF No.2 – Side Exit M6x20	Toggle	15 kg	7,5 kg	2,5 kg	–
	M8 Stud	15 kg	7,5 kg	2,5 kg	–
Trapeze Plus RF No.3 – Side Exit M6x30	Toggle	20 kg	10 kg	10 kg	–
	M8 Stud	20 kg	20 kg	10 kg	–
Trapeze Plus RF No.3 – Side Exit M8x35	Toggle	20 kg	20 kg	10 kg	–
	M10 Stud	45 kg	20 kg	10 kg	–
<b>Gripple G-Brackets</b>					
G100		30 kg	30 kg	15 kg	–
G200		30 kg	30 kg	15 kg	–
G300		30 kg	15 kg	15 kg	–
G400		15 kg	15 kg	15 kg	–
<b>Gripple Fast Trak Range*</b>					
FTB170 - FTB670		50 kg	50 kg	38 kg	31 kg
FTB770 - FTB970		45 kg	45 kg	28 kg	18 kg
FTB1070 - FTB1470		45 kg	37 kg	21 kg	14 kg
<b>Direct Fix Clip</b>					
Direct Fix Clip - Single		0,24 kg	–	–	–
Direct Fix Clip - Double		2 x 0,24 kg	–	–	–

Notes :

EN 1363-1:2012 / DIN 4102: Part 2, Fire tests on building materials and structures - Part 20: Method for the determination of the fire resistance of elements of construction (general principles). This standard refers to the ISO834 Fire Curve. Calculated value based on empirical evidence.

\* Gripple Fast Trak loading values are for uniformly distributed load (UDL)



Temperature curve according to EN 1363-1: 2012 / DIN4102: Part 2

# Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. **STPZP23FRF**):

PRODUCT	WIRE LENGTH	END FIXING	FIRE
			F

1

CHOOSE YOUR PRODUCT



Trapeze Plus RF  
No. 2

STPZP2



Trapeze Plus RF  
No. 3

STPZP3



Trapeze Plus RF  
No. 4

STPZP4



HF Classic RF  
No. 2

RF2



HF Classic RF  
No. 3

RF3

2

CHOOSE YOUR WIRE LENGTH (in meter)

1

2

3

4

5

10

3

CHOOSE YOUR END FIXING

Loop  
FR



Stud  
M8 x 45 mm  
EF8



Stud  
M10 x 45 mm  
EF10



Toggle  
SP



Eyelet  
EO



Eyelet 90°  
EO90



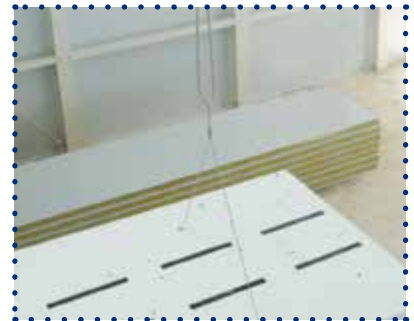
Please refer to the fire rated product matrix for end fixing compatibility (page 82)

For more available End Fixings and further product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com) for further details.

# Y-Fit Accessory

Complete, adjustable single assembly with double hanging points, ideal for cable tray, basket, radiant panels, etc.

- Ideal for cable tray or basket
- One leg can be detached to allow cable installation
- Available with a range of end fixings, and a variety of leg lengths
- Snap Hook version is ideal for use with the G-Bracket



## Available Sizes and Load Ratings



**No. 1**  
15 kg  
(5:1)

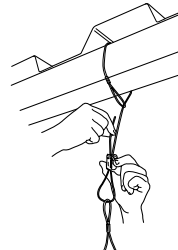
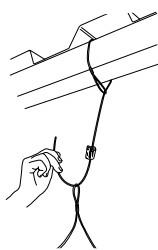
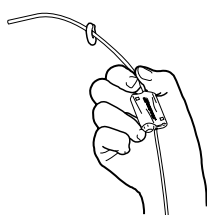


**No. 2**  
45 kg  
(5:1)

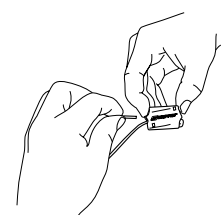


**No. 3**  
90 kg  
(5:1)

## Installation



## Release



# Kit Codes

How to work out your unique product code

For Y-Fit Accessory kit codes enter your unique product code (e.g. **Y1AJ150EC**):

PRODUCT	LEG LENGTH	LEG END FIXING
<input type="text"/>	<input type="text"/>	<input type="text"/>

## 1 CHOOSE YOUR PRODUCT



Y-Fit Accessory  
No. 1  
**Y1AJ**



Y-Fit Accessory  
No. 2  
**Y2AJ**



Y-Fit Accessory  
No. 3  
**Y3AJ**

## 2 CHOOSE YOUR LEG LENGTH

<input type="text" value="150"/>	<input type="text" value="300"/>	<input type="text" value="500"/>
----------------------------------	----------------------------------	----------------------------------

## 3 CHOOSE YOUR LEG END FIXING



Hook  
**EC**



Link Hook  
**EM**



Cable Tray Hook  
**CT**



Toggle  
**SP**

 Available with No. 2 Y-Fit Accessory size only.

 Available with No. 1 and No. 2 Y-Fit Accessory size only.

For more available End Fixings and further product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com) for further details.

# CTI Kit (indoor)

CTI kit creates secure, overhead spans by running high strength wire rope between two fixing points. Ideal for applications where no direct vertical anchor point is available.



- Visually discreet and lightweight
- Can be fitted retrospectively
- No tools needed to install
- Available in 3 mm and 6 mm wire rope diameters, for suspensions up to 100 kg per kit
- C-Clip End Fixing allows horizontal and vertical adjustment



Supplied as ready-to-use kits, including galvanised wire rope cut to bespoke lengths, a hex locking and a release key.

## Available Sizes and Load Ratings

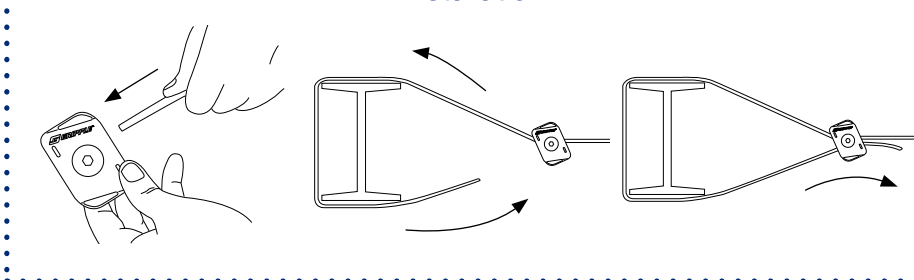


**CT13**  
30 kg  
(5:1)

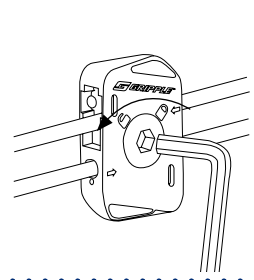


**CT16**  
100 kg  
(5:1)

### Installation



### Release



# Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. CTI330):

PRODUCT	WIRE LENGTH
<input type="text"/>	<input type="text"/>

1

CHOOSE YOUR PRODUCT



CTI3  
for 3 mm wire rope  
CTI3



CTI6  
for 6 mm wire rope  
CTI6

2

CHOOSE YOUR WIRE LENGTH (in meter)

4	6	8	10	12	15	20	25	30	35	40
---	---	---	----	----	----	----	----	----	----	----

C-Clip End Fixing can be ordered to complement the CTI Kit on the hanger product code



C-Clip 3 mm  
CC3

C-Clip 6 mm  
CC6

CTI Wall Bracket and GF Bracket are available to complement the CTI Kit using the codes below



PLAT100



GRIPPROFILI

For further product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com) for further details.

# EP Kit (outdoor)

EP Kit creates secure, overhead spans by running high strength cables horizontally between two fixed points. Ideal for suspending Christmas decorations, advertising banners, public lighting, etc. or for creating temporary cable trays.




- Quick installation replacing turnbuckle and wire strainers
- Suitable for use in outdoor dynamic installations
- Ready to use
- Reduces time spent working at height
- Easy to store and handle
- Available up to 100 kg SWL, with a 5:1 safety factor

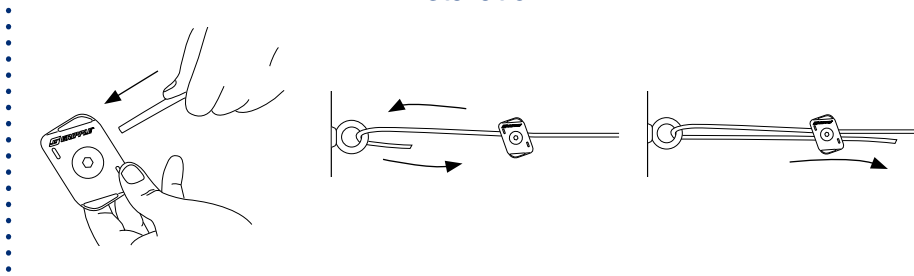


Supplied as ready-to-use kits, including galvanised wire rope cut to bespoke lengths, a hex locking and a release key.

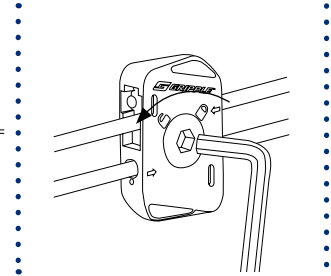
## Available Sizes and Load Ratings

	<p><b>EP6</b> 100 kg (5:1)</p>
-------------------------------------------------------------------------------------	----------------------------------------

### Installation



### Release



# Kit codes

How to work out your unique product code.

Enter your unique product code (e.g. EPLO106):

PRODUCT	WIRE LENGTH
<input type="text"/>	<input type="text" value="6"/>

## 1 YOUR PRODUCT



EP6  
for 6 mm wire rope  
EPLO

## 2 CHOOSE YOUR WIRE LENGTH (in meter)

<input type="text" value="10"/>	<input type="text" value="15"/>	<input type="text" value="20"/>
---------------------------------	---------------------------------	---------------------------------

C-Clip Accessory can be ordered to complement the EP Kit using the code below:



ACCEP6

For further product information please call +33 (0)3 88 95 44 95 or visit our website [www.gripple.com](http://www.gripple.com) for further details.

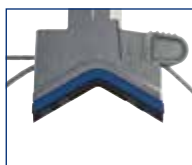
# Universal Clamp – QT

The QT Universal Clamp is engineered for hanging all types of pipework within mechanical and plumbing services.

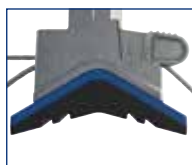
- Up to 6 times faster than traditional methods
- Suitable for pipe sizes  $\text{Ø}_{\text{ext.}}$  17 mm to  $\text{Ø}_{\text{ext.}}$  89 mm
- Replaces more than 11 different pipe ring sizes
- Retractable, removable sleeve is pre-fitted to wire rope to prevent galvanic corrosion
- Improved insulation against vibration
- Easy site storage, reduces waste
- Simplifies 'take-off' process
- Available up to 75 kg SWL, with a 3:1 safety factor



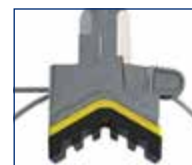
## Available pads and Kit codes



**Standard**  
14 dBA reduction  
Ref: GC2T400A

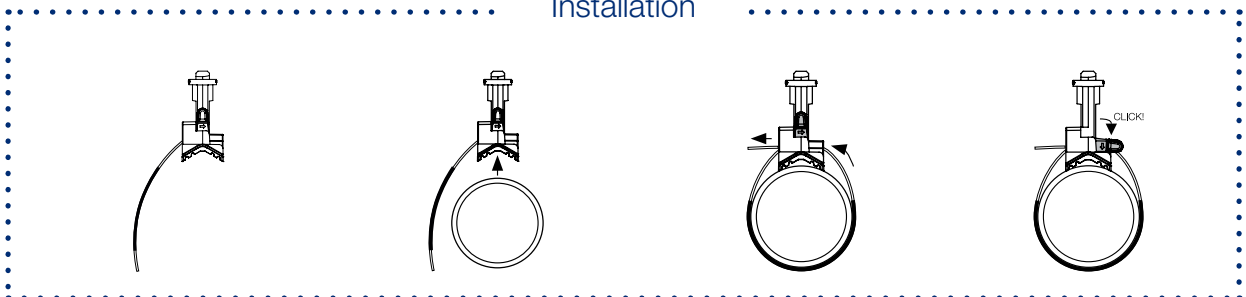


**Large**  
18 dBA reduction  
Ref: GC2T600AL



**Acoustic**  
23 dBA reduction  
Ref: GC2T400D

## Installation



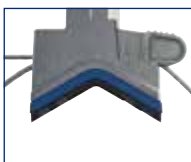
# Compact Clamp – QTC

The QTC Compact Clamps are used in Conjunction with Low Profile Brackets or Universal Brackets for quick and easy support of all types of pipework and plumbing services.

- Up to 6 times faster than traditional methods
- Suitable for pipe sizes Øext. 17 mm to Øext. 89 mm
- Replaces more than 11 different pipe ring sizes
- Retractable, removable sleeve is pre-fitted to wire rope to prevent galvanic corrosion
- Improved insulation against vibration
- Easy site storage, reduces waste
- Simplifies ‘take-off’ process
- Available up to 75 kg SWL, with a 3:1 safety factor



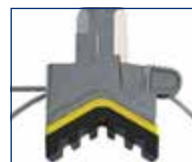
## Available pads and Kit codes



**Standard**  
14 dBA reduction  
Ref: GC2C400A

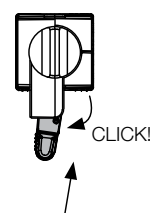
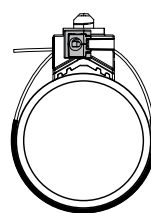
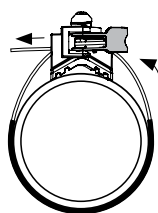
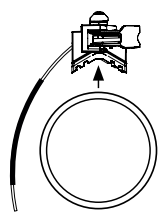
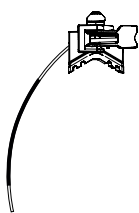


**Large**  
18 dBA reduction  
Ref: GC2C600AL



**Acoustic**  
23 dBA reduction  
Ref: GC2C400D

## Installation



# CRUFLEX & CRUPHEN

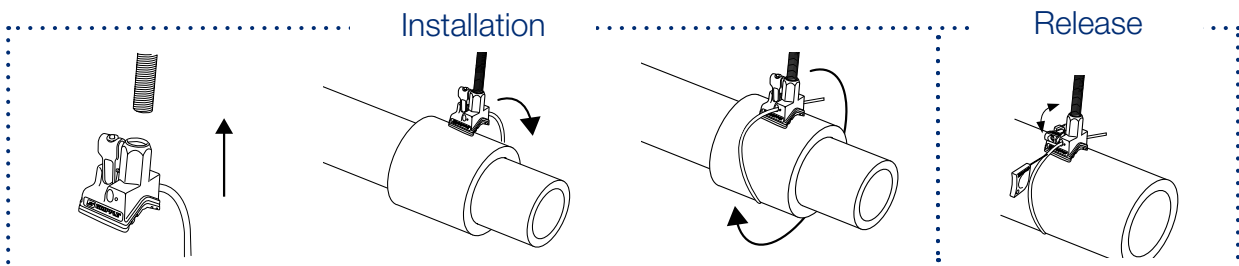
The CRUFLEX and CRUPHEN pipe support systems provide rapid installation, ensuring insulation continuity without the conventional associated thermal breaks.

- Space saving – advantageous for applications in confined spaces or areas where space is at a premium
- Universal – suitable for mild steel, stainless steel, copper and plastic pipes in a range of sizes
- High performance – reduced heat loss & highly moisture resistant
- Available up to 35 kg SWL




..... Temperature range ..... Thermal Conductivity .....

<b>CRUFLEX</b> -50 °C to +110 °C	<b>CRUPHEN</b> -50 °C to +120 °C	<b>CRUFLEX</b> 0,034 W/(m·K) at 0 °C	<b>CRUPHEN</b> 0,021 W/(m·K) at 10 °C
-------------------------------------	-------------------------------------	-----------------------------------------	------------------------------------------




# Kit Codes

## CRUFLEX

CRUFLEX	Product codes	OD	ND
		mm	mm
 <p>For hot, cold water and air conditioning pipes</p>	GC212 <b>EXXCF</b>	12	10
	GC215 <b>EXXCF</b>	15	12
	GC218 <b>EXXCF</b>	18	15
	GC222 <b>EXXCF</b>	22	20
	GC228 <b>EXXCF</b>	28	25
	GC235 <b>EXXCF</b>	35	32
	GC242 <b>EXXCF</b>	42	40
	GC254 <b>EXXCF</b>	54	50
	GC276 <b>EXXCF</b>	76,1	65
	GC289 <b>EXXCF</b>	88,9	80
	GC2108 <b>EXXCF</b>	108	100

XX = refers to insulation thickness, options are 19, 25 or 32 mm. For other diameters, please contact our sales department.

## CRUPHEN

CRUPHEN	Product codes	OD	ND
		mm	mm
 <p>For chilled water pipes</p>	GC215 <b>EXXCP</b>	15	12
	GC218 <b>EXXCP</b>	18	15
	GC222 <b>EXXCP</b>	22	20
	GC228 <b>EXXCP</b>	28	25
	GC235 <b>EXXCP</b>	35	32
	GC242 <b>EXXCP</b>	42	40
	GC254 <b>EXXCP</b>	54	50
	GC276 <b>EXXCP</b>	76,1	65
	GC289 <b>EXXCP</b>	88,9	80
	GC2108 <b>EXXCP</b>	108	100

XX = refers to insulation thickness, options are 25, 30, 40 mm. For other diameters, please contact our sales department.

\* Supplied with a metal spreader plate for diameters superior to Ø25 mm.

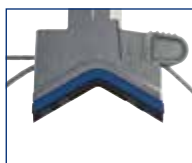
# Universal Clamp Pipework

The Universal Clamp is engineered for hanging all types of pipework within mechanical and plumbing services.

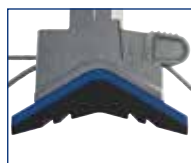
- Up to 6 times faster than traditional methods
- Suitable for pipe sizes  $\text{\O ext. } 17 \text{ mm}$  to  $\text{\O ext. } 89 \text{ mm}$  (or  $168 \text{ mm}$  for large PAD)
- Replaces more than 11 different pipe ring sizes
- Retractable, removable sleeve is pre-fitted to wire rope to prevent galvanic corrosion
- Improved insulation against vibration
- Easy site storage, reduces waste
- Simplifies 'take-off' process
- Available up to 75 kg SWL, with a 3:1 safety factor



## Available pads and Kit codes



**Standard**  
14 dBA reduction  
Ref: GC2M400A

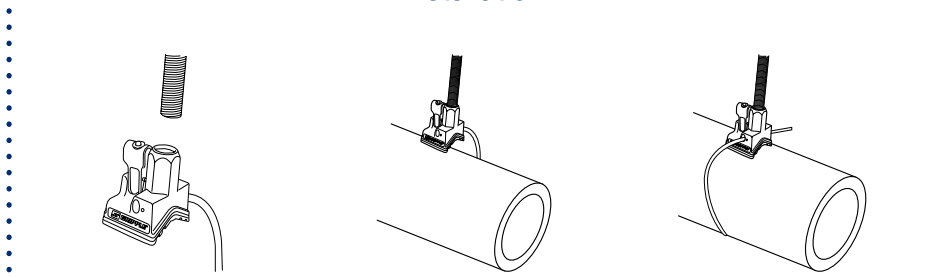


**Large**  
18 dBA reduction  
Ref: GC2M600AL

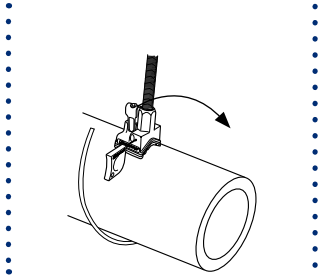


**Acoustic**  
23 dBA reduction  
Ref: GC2M400D

## Installation



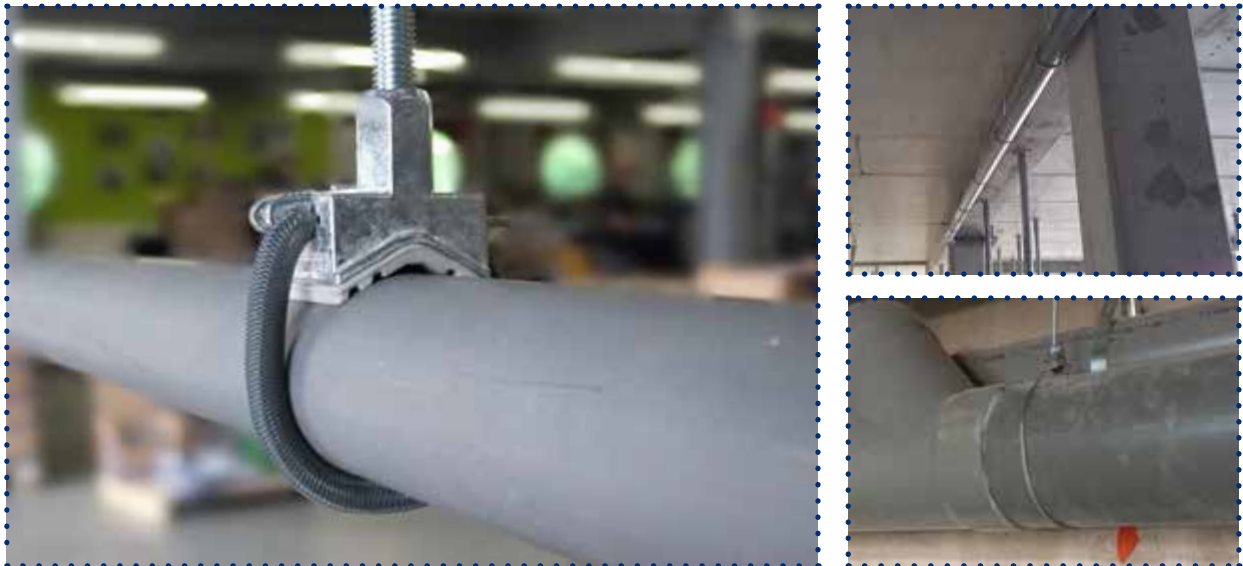
## Release



# Universal Clamp Waste Water

Introducing the Gripple Universal Clamp for PE, PP and PVC pipes, used for securing all types of waste water pipework within plumbing services.

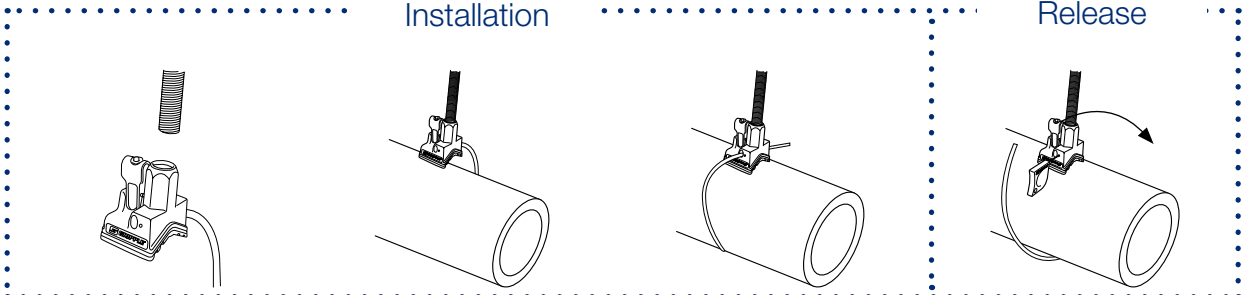
- Fast: 4 times faster than traditional pipe rings
- Universal: for PE, PP and PVC pipe sizes from Ø 25 to Ø 200
- Flexible: simplifies take off process
- Easy site storage, reduces waste
- Vibration reduction (conforms to the DIN 4109)
- Strong and robust: one piece die-casting, no screws to lose on site
- Available up to 75 kg SWL, with a 3:1 safety factor



## Available pads and Kit codes

	<p><b>Standard</b> 14 dBA reduction</p> <p>Ref: GC2M800E</p>		<p><b>Large</b> 18 dBA reduction</p> <p>Ref: GC2M1200EL</p>
-------------------------------------------------------------------------------------	------------------------------------------------------------------	--------------------------------------------------------------------------------------	-----------------------------------------------------------------

## Installation



## Release

# Universal Clamp Ductwork

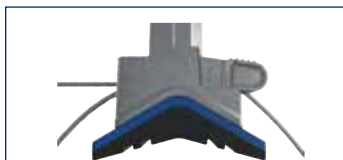
Introducing the Universal Clamp for Spiral Ductwork, used for hanging all types of spiral ductwork within HVAC.

- Up to 6 times faster than traditional methods
- Replaces more than 14 different suspension ring sizes
- Single piece cast construction - not welded
- No tools required for installation
- No risk of losing screws on site
- Inherent vibration insulating properties from the wire rope
- Easy site storage, reduces waste
- Easy to calculate the quantity on a project plan
- Available up to 75 kg SWL, with a 3:1 safety factor



Supplied individually in two length 1,5 m for Ø 80 to Ø 355 mm or 2,5 m for Ø 400 to Ø 710 mm to suit your application.

## Available pads and Kit codes



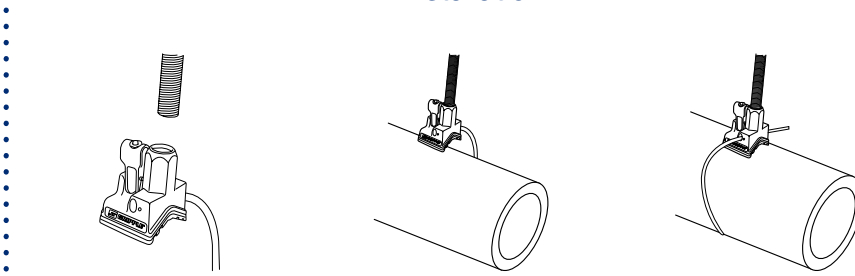
### Large

Ref: GC2V1500L  
(Ø 80 to Ø 355 mm)

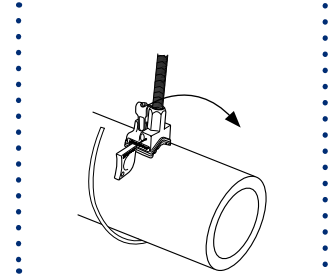
### Large

Ref : GC2V2500L  
(Ø 400 to Ø 710 mm)

## Installation



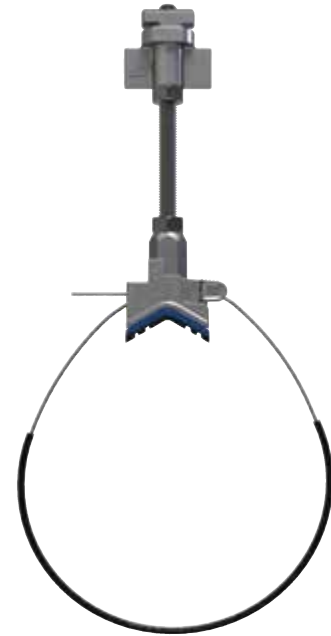
## Release



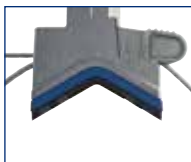
# QTH Universal Clamp

Quick install pipe clamp solution which enables installation at varying heights from the bracket; ideal for instances where different sized pipes require aligning along the centre axis.

- Finite adjustment – make height adjustments to suit exact requirements of the installation
- Quick installation – simple quarter turn attachment to bracket; no requirement to cut threaded rod to multiple different lengths
- Versatile – enables pipes of different sizes to be installed along the centre axis and condensate pipes to be installed at a gradient for drainage
- Practical – easy site storage, reduces waste
- Ready-to-use – supplied as a kit, with 100 mm length of rod, M8 nut and Gripple Universal Clamp
- Available up to 75 kg SWL, with a 3:1 safety factor



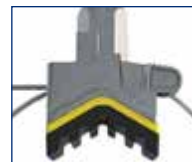
## Available pads and Kit codes



**Standard**  
14 dBA reduction  
Ref: GC2H400A

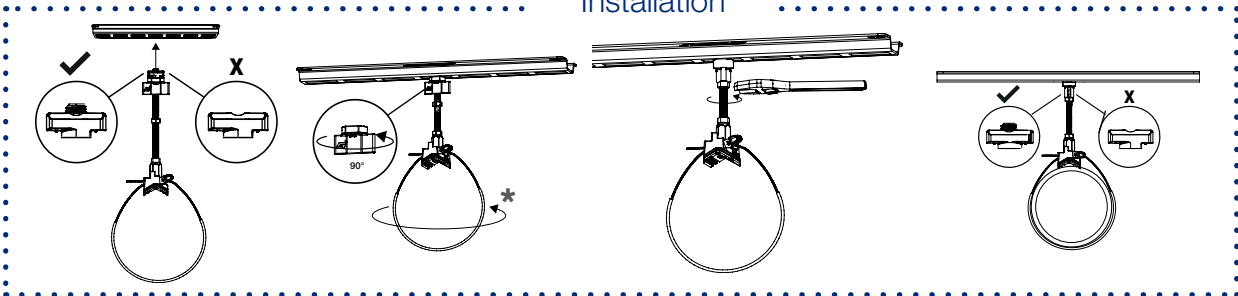


**Large**  
18 dBA reduction  
Ref: GC2H600AL



**Acoustic**  
23 dBA reduction  
Ref: GC2H400D

## Installation



\* Turn to adjust height as required

# Wire Bracing Systems

Gripple Seismic Wire Bracing Systems are specifically designed and engineered to brace and secure suspended nonstructural equipment and components within a building or structure to minimise damage from an earthquake or seismic event.

- Complete certified pre-engineered systems
- No field swaging of wires
- Up to 10 times faster to install
- No tools required
- Colour coding allows easy field verification
- Suitable for new or retrofit installations
- Can be used in a variety of bracing configurations (transverse, longitudinal, 4-way)



Complete bracing kits include a length of wire with pre-attached end fitting and colour-coded tag, Gripple Seismic fastener, and standard or retrofit bracket.

## ..... Available Sizes and Load Ratings .....

Kit	GS10	GS12	GS19	GS25
Tag Colour	Red	Green	Yellow	Purple
Design Strength (LRFD*)	180 kg	429 kg	1 027 kg	1 619 kg

\* Load and Resistance Factor Design

# Wire Bracing Kit Codes

Seismic Kit Size	Length (m)	End Fixing	Seismic Bracket	Rod/Structural Attachment Size (mm)	Product Code
<b>GS10</b> 180 kg	3	45° Eyelet	Standard	M10	GS10X-10E4-S4
		Standard		M12	GS10X-10S5-S5
		45° Eyelet	Retrofit	M10	GS10X-10E4-R4
		Standard		M12	GS10X-10S5-R5
	4,5	45° Eyelet	Standard	M10	GS10X-15E4-S4
		Standard		M12	GS10X-15S5-S5
		45° Eyelet	Retrofit	M10	GS10X-15E4-R4
		Standard		M12	GS10X-15S5-R5
	6	45° Eyelet	Standard	M10	GS10X-20E4-S4
		Standard		M12	GS10X-20S5-S5
		45° Eyelet	Retrofit	M10	GS10X-20E4-R4
		Standard		M12	GS10X-20S5-R5
<b>GS12</b> 429 kg	3	45° Eyelet	Standard	M10	GS12X-10E4-S4
		Standard		M12	GS12X-10S5-S5
		45° Eyelet	Retrofit	M10	GS12X-10E4-R4
		Standard		M12	GS12X-10S5-R5
	4,5	45° Eyelet	Standard	M10	GS12X-15E4-S4
		Standard		M12	GS12X-15S5-S5
		45° Eyelet	Retrofit	M10	GS12X-15E4-R4
		Standard		M12	GS12X-15S5-R5
	6	45° Eyelet	Standard	M10	GS12X-20E4-S4
		Standard		M12	GS12X-20S5-S5
		45° Eyelet	Retrofit	M10	GS12X-20E4-R4
		Standard		M12	GS12X-20S5-R5
<b>GS19</b> 1 027 kg	3	Standard	Standard	M10	GS19X-10S4-S4
				M12	GS19X-10S5-S5
				M14	GS19X-10S6-S6
				M18	GS19X-10S8-S8
		Standard	Retrofit	M10	GS19X-10S4-R4
				M12	GS19X-10S5-R5
				M14	GS19X-10S6-R6
				M18	GS19X-10S8-R8
	4,5	Standard	Standard	M10	GS19X-15S4-S4
				M12	GS19X-15S5-S5
				M14	GS19X-15S6-S6
				M18	GS19X-15S8-S8
		Standard	Retrofit	M10	GS19X-15S4-R4
				M12	GS19X-15S5-R5
				M14	GS19X-15S6-R6
				M18	GS19X-15S8-R8
6	Standard	Standard	M10	GS19X-20S4-S4	
			M12	GS19X-20S5-S5	
			M14	GS19X-20S6-S6	
			M18	GS19X-20S8-S8	
	Standard	Retrofit	M10	GS19X-20S4-R4	
			M12	GS19X-20S5-R5	
			M14	GS19X-20S6-R6	
			M18	GS19X-20S8-R8	
<b>GS25</b> 1 619 kg	3	Standard Double	Standard Double	M14	GS25X-10DS6-DS6
				M18	GS25X-10DS8-DS8
				M24	GS25X-10DS10-DS10
				M14	GS25X-10DS6-DR6
		Standard Double	Retrofit Double	M18	GS25X-10DS8-DR8
				M24	GS25X-10DS10-DR10
				M14	GS25X-15DS6-DS6
				M18	GS25X-15DS8-DS8
	4,5	Standard Double	Standard Double	M24	GS25X-15DS10-DS10
				M14	GS25X-15DS6-DR6
				M18	GS25X-15DS8-DR8
				M24	GS25X-15DS10-DR10
		Standard Double	Retrofit Double	M14	GS25X-20DS6-DS6
				M18	GS25X-20DS8-DS8
				M24	GS25X-20DS10-DS10
				M14	GS25X-20DS6-DR6
6	Standard Double	Standard Double	M18	GS25X-20DS8-DR8	
			M24	GS25X-20DS10-DR10	
			M14	GS25X-20DS6-DR6	
			M18	GS25X-20DS8-DR8	
	Standard Double	Retrofit Double	M24	GS25X-20DS10-DR10	
			M14	GS25X-20DS6-DR6	
			M18	GS25X-20DS8-DR8	
			M24	GS25X-20DS10-DR10	





## End Fixings

Loop & Stud	page 944
Toggle & Cladding Hook	page 95
Mini Hook & Hook	page 96
Twist Clip (white) & Top Hat	page 97
Magnetic Pad & Eyelet	page 98
45° Eyelet & 90° Eyelet	page 99
C-Clip & Barrel	page 100
Shot Fire (Powder) & Shot Fire (Gas)	page 101
Channel Nut & Ring Anchor	page 102
QT Barrel & Cable Tray Hook	page 103

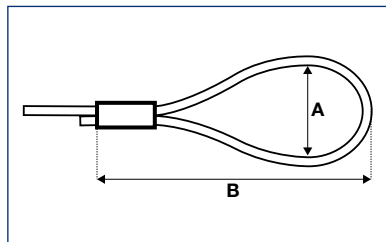
# Loop (FR / LG)

- Hanger using a non-invasive, simple, choke knot technique. No need for nuts, bolts, clamps or other accessories
- Available up to 325 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Available in Stainless Steel

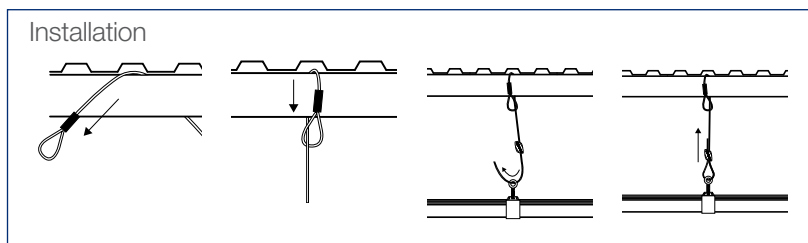


**Available Hangers**

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Size	A (mm) Indicative	B (mm) Indicative
No.1 (0 - 15 kg)	30	60
No.2 (15 - 45 kg)	30	60
No.3 (45 - 90 kg)	25	60
No.4 (90 - 225 kg)	45	85
No.5 (225 - 325 kg)	45	90



Install fixings in accordance with manufacturer's specifications.

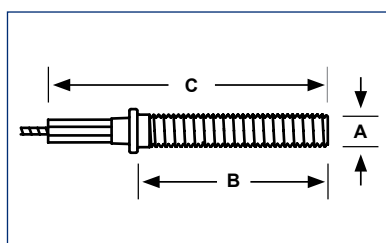
# Stud (EF / SG)

- Supplied with Drop-in Anchors
- Available in M6, M8 and M10, up to 225 kg SWL, with a 5:1 safety factor
- Supplied as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths from 1 m - 10 m
- Other lengths are available on request
- Also available in Stainless Steel

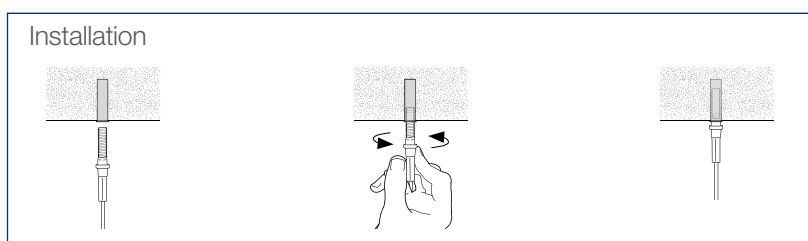


**Available Hangers**

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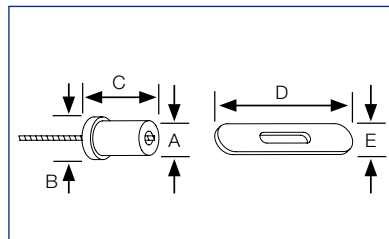
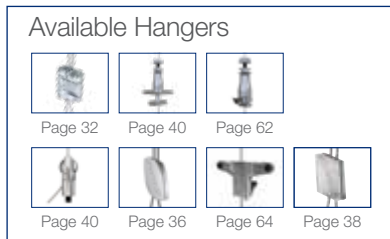
Size	A	B (mm)	C (mm)
No.1 (0 - 15 kg)	M6	20	48
No.2 (15 - 45 kg)	M6	20	48
	M6X	52	150
	M8	45	70
	M8X	52	150
No.3 (45 - 90 kg)	M10	45	77
	M6	20	48
	M6X	52	150
	M8	45	70
No.4 (90 - 225 kg)	M8X	52	150
	M10	45	77



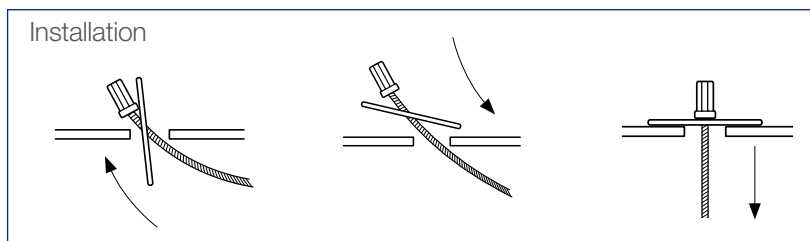
Install fixings in accordance with manufacturer's specifications.

# Toggle (SP / TG)

- Ideal when used as a Y-Fit to suspend lighting
- Available up to 90 kg SWL, with a 5:1 safety factor
- Comes as a complete kit with Gripple wire rope and hanger
- Available in Stainless Steel
- Available in lengths from 1 m - 10 m



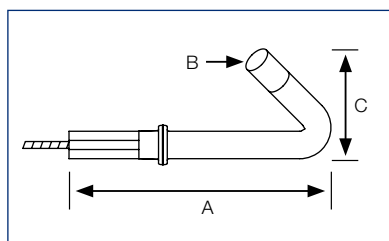
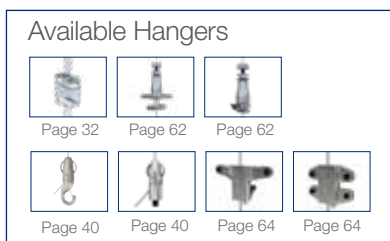
Size	A Ø (mm)	B Ø (mm)	C (mm)	D (mm)	E (mm)
No.1 (0 - 15 kg)	4,2	5,9	8	40	5,8
No.2 (15 - 45 kg)	6,2	7,9	12	40	7,8
No.3 (45 - 90 kg)	6,2	9,9	18	40	9,7



Install fixings in accordance with manufacturer's specifications.

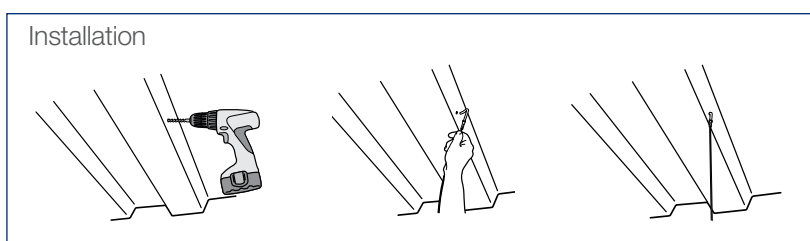
# Cladding Hook (TH / CHG)

- Designed to fit 6 mm holes
- Suitable for every grade of steel
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Creates a secure hanger
- Safe working load may vary dependent on the thickness of steel to which it is attached
- Available in lengths of 1 m - 10 m



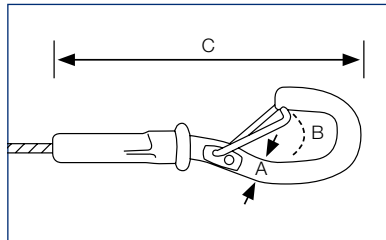
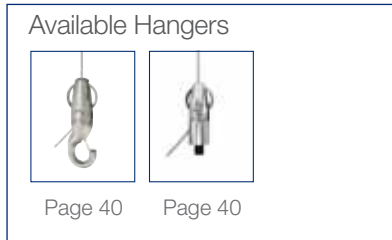
Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	59	Ø 5	24
No.2 (15 - 45 kg)	59	Ø 5	24

5:1 safety factor based on 2 mm thick cladding. Install fixings in accordance with manufacturers' specifications.



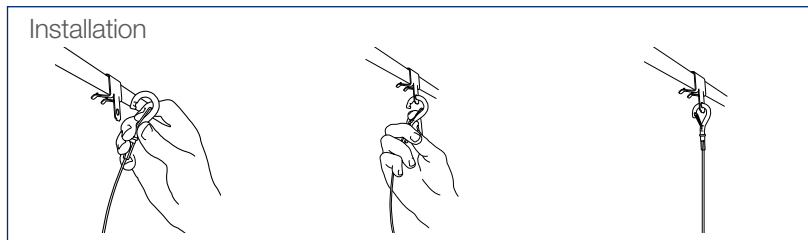
# Mini Hook (ECS/MHG)

- Ideal for services that require access or maintenance
- Available up to 15 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Standard lengths 1 m - 10 m
- Other lengths are available upon request



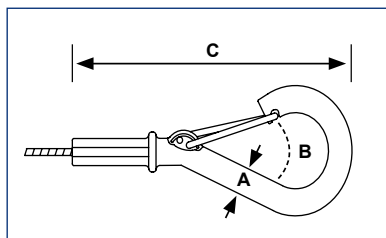
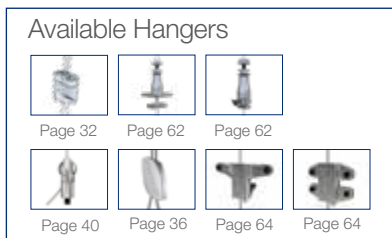
Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	4,5	5	55

Install fixings in accordance with manufacturer's specifications.



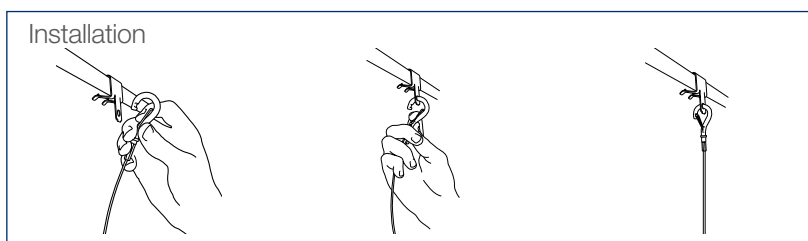
# Hook (EC / HG)

- Quick and easy attachment to cable basket, purlin clips, light fittings
- Available up to 90 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths from 1 m - 10 m
- Other lengths are available on request



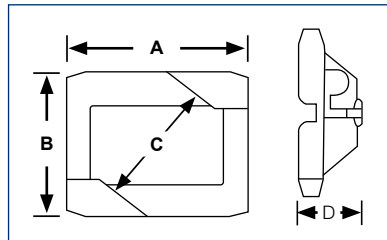
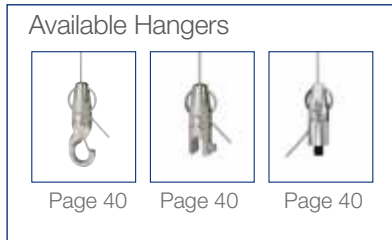
Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	6,3	7	75
No.2 (15 - 45 kg)	6,3	7	75
No.3 (45 - 90 kg)	6,3	7	75

Install fixings in accordance with manufacturer's specifications.



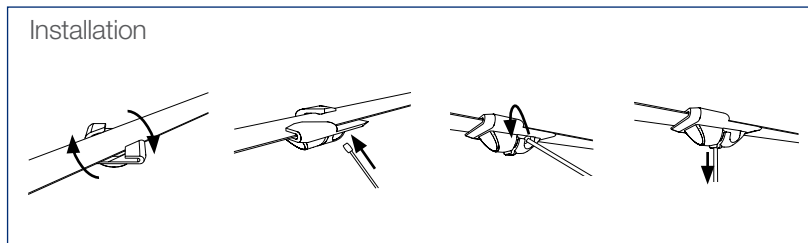
# Twist Clip (TCW)

- Designed for use on 24 mm T-Bar grid ceilings
- Quick and easy to install - no tools required
- Visually discreet and lightweight
- Can be retrofitted and will not cause damage to the T-Bar grid
- Available up to 5 kg SWL
- Available as part of a ready-to-use kit



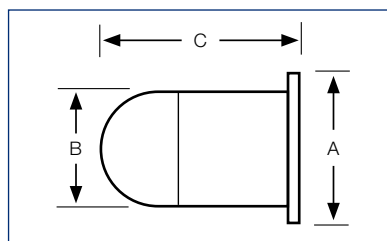
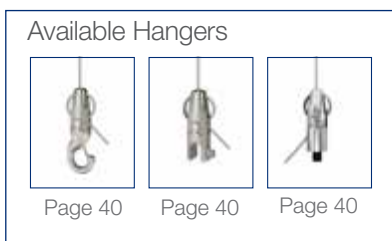
Size	A (mm)	B (mm)	C (mm)	D (mm)
No.1 (0 - 5 kg)	40	32	24	15

Install fixings in accordance with manufacturer's specifications.



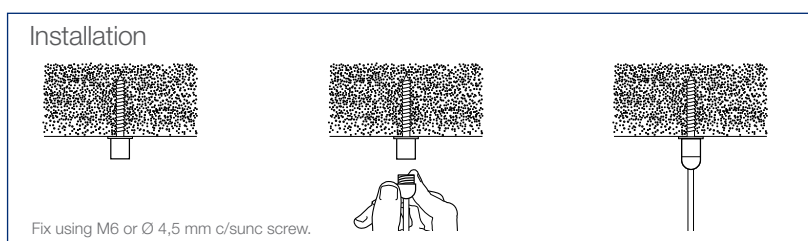
# Top Hat (ED6 / BB6G)

- Aesthetic fixing for use with a wide range of Gripple hangers
- Ideal when lighting/services are exposed
- Available up to 45 kg SWL with a 5:1 safety factor
- Two part construction for fast installation using M6 or Ø 4,5 mm c/sunk screws
- Supplied as a ready-to-use kit with Gripple wire rope and hanger



Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	18	14	26
No.2 (15 - 45 kg)	18	14	26

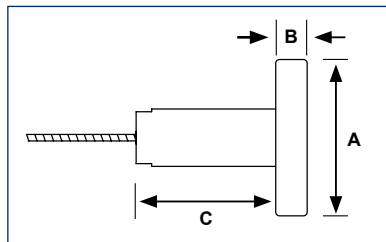
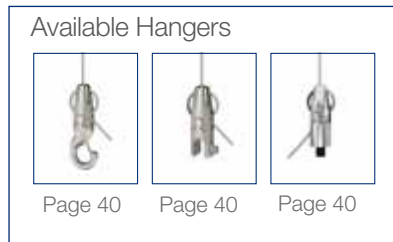
Install fixings in accordance with manufacturer's specifications.



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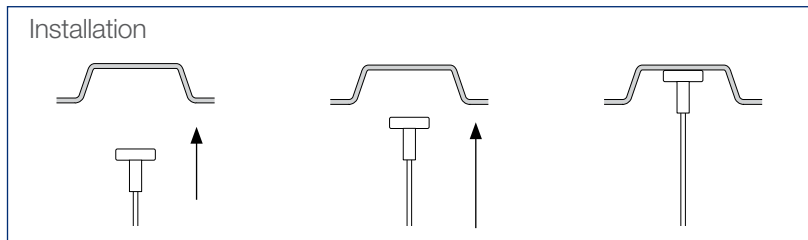
# Magnetic Pad (EA / MPG)

- Ideal for hanging signage and fixing services to ferrous metal surfaces
- Available up to 8 kg SWL, with a 2:1 safety factor
- Load is affected by the metal thickness and surface condition (painted finish)
- Not for use on aluminium, brass or non-metallic products
- Comes as a ready-to-use kit with Gripple wire rope and hanger



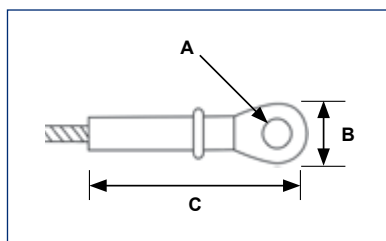
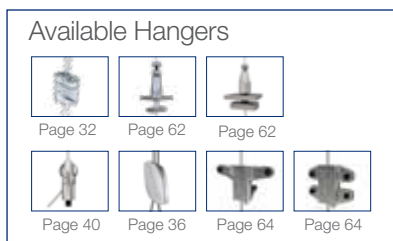
Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 8 kg)	25	8	45

Install fixings in accordance with manufacturer's specifications. A test must be carried out on site before any installation to validate that the steel can support the load.



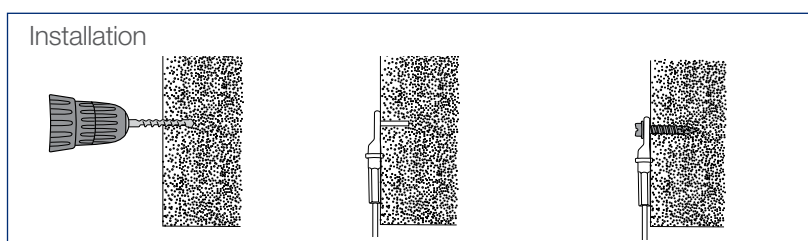
# Eyelet (EO / EY6G)

- Available up to 90 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Fire Rated version available
- Available in lengths from 1 m - 10 m



Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	6,5	11	45
No.2 (15 - 45 kg)	6,5	11	45
No.3 (45 - 90 kg)	6,5	11	45

Install fixings in accordance with manufacturer's specifications.




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# 45° Eyelet (EO45 / EY4512G)


- Ideal for use in bracing applications
- Available up to 90 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths from 1 m - 10 m



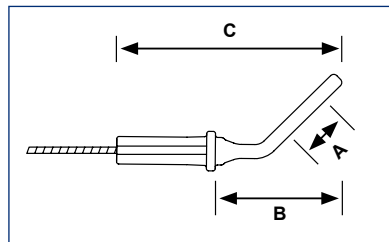
Available Hangers



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Size	A (mm)	B (mm)	C (mm)
No.2 (0 - 45 kg)	11,2	29	52
No.3 (45 - 90 kg)	11,2	29	52

Install fixings in accordance with manufacturer's specifications.

Installation

# 90° Eyelet (EO90 / EY906G)

- Ideal for use with Gripple concrete screws for direct soffit mounting
- Available up to 90 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Fire Rated version available
- Available in lengths from 1 m - 10 m




Available Hangers

  
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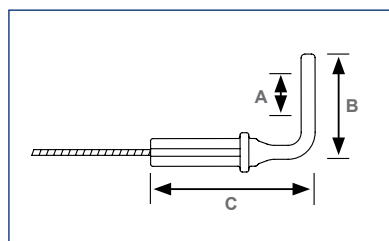
  
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Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	7,5	25	38
No.2 (15 - 45 kg)	7,5	25	38
No.3 (45 - 90 kg)	7,5	25	38

Install fixings in accordance with manufacturer's specifications.

Installation











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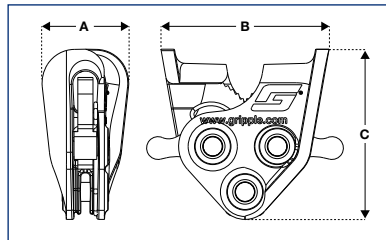
# C-Clip (CC3 / CC6)

- Up to 10 times faster to install
- Allows horizontal and vertical adjustment
- Cams lock solidly in place even at angles up to 60°
- 3 mm and 6 mm versions available
- Available up to 55 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Can be retrofitted
- One handed installation, no tools required
- Designed for use with CTI Kits (page 70)



Available Hangers

			
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Size	A (mm)	B (mm)	C (mm)
3 mm (0 - 15 kg)	12	26	33
6 mm (0 - 55 kg)	23	45	45

Install fixings in accordance with manufacturer's specifications.








Installation

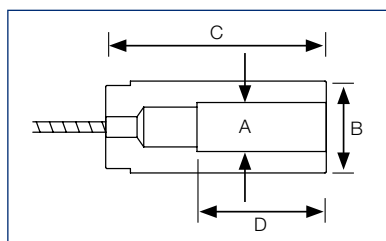
# Barrel (ET6/B6G, ET8/B8G)

- Ideal for use on signage, or exposed services, such as retail and office environments
- Available up to 90 kg SWL, with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths from 1 - 10 m



Available Hangers

			
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Page 40	Page 36	Page 64	Page 64



Size	A (mm)	B (mm)	C (mm)	D (mm)
No.1 (0 - 15 kg)	M6	12	45	26
No.2 (15 - 45 kg)	M6 & M8	12	45	26
No.3 (45 - 90 kg)	M8	12	45	26

Install fixings in accordance with manufacturer's specifications.

Installation




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# Shot Fire (Powder) (DX22, DX32)


- Six times faster than traditional methods (drilling and anchoring)
- Can be used with powder fastening tools (DX460)
- Quick and easy fastening solution
- Supplied as a ready-to-use kit
- Available with 22 and 27 mm nail length
- Available in lengths from 1 to 10 m



Available Hangers



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22 mm

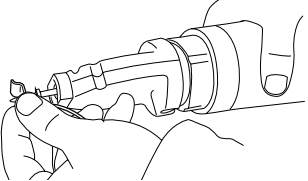
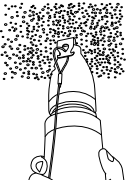


27 mm

Nail Clip	Shank diameter (mm)	Shank length (mm)	Head diameter (mm)
DX22	4,0	22	8,0
DX32	4,0	27	8,0

Install fixings in accordance with manufacturer's specifications.

Installation





# Shot Fire (Gas) (CG / NAAT)


- Six times faster than traditional methods (drilling and anchoring)
- Can be used with gas fastening tools (P700E, P800E, GX120 and BX3)
- Quick and easy fastening solution
- Supplied as a ready-to-use kit
- Available in lengths from 1 to 10 m



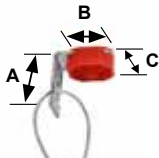
Available Hangers



Page 40



Page 32

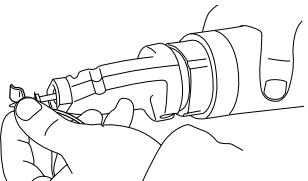
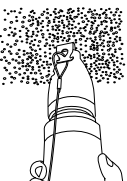


For use with  
P700E, P800E, GX120, BX3

Nail clip	A (mm)	B (mm)	C (mm)
CG	31	25	18

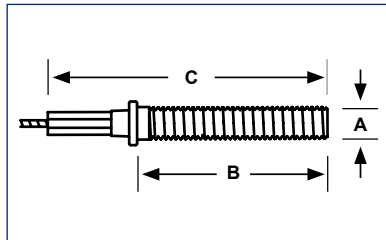
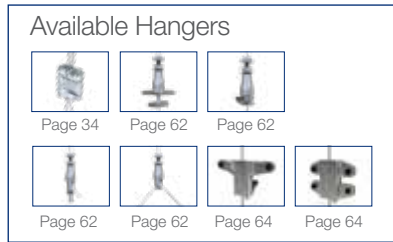
Install fixings in accordance with manufacturer's specifications.

Installation

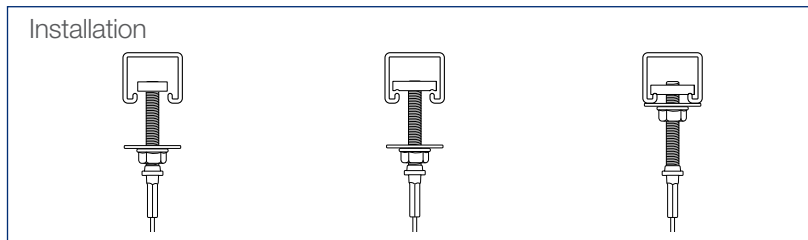
# Channel Nut (ER8/CN8G)

- Fast to install
- Pre-assembled and ready-to-insert
- Fits directly into the channel
- Available up to 90 kg SWL with a 5:1 safety factor
- Fits both 41 x 41 and 41 x 21 channel
- Ideal for common rail installations
- Ideal for multi-tier installations
- No additional components required



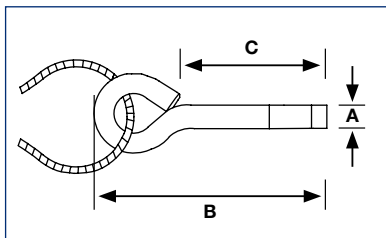
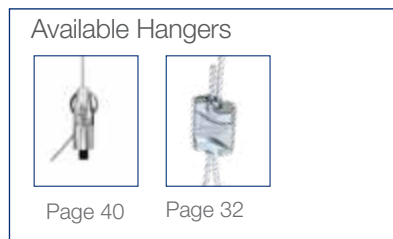
Size	A Ø	B (mm)	C (mm)
No.2 (0 - 45 kg)	M8	45	70
No.3 (45 - 90 kg)	M8	45	70

Install fixings in accordance with manufacturer's specifications.



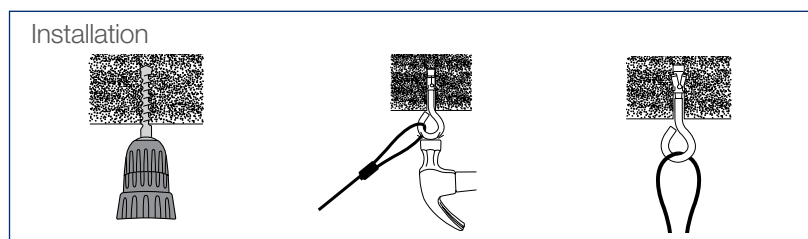
# Ring Anchor (RA / RAG)

- Ideal for fixing into non-cracked and cracked concrete
- Shallow anchorage depth of 25 mm
- Available up to 45 kg with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m



Size	A (mm)	B (mm)	C (mm)
No. 1 (0 - 15 kg)	6	54	35
No. 2 (15 - 45 kg)	6	54	35

Install fixings in accordance with manufacturer's specifications.










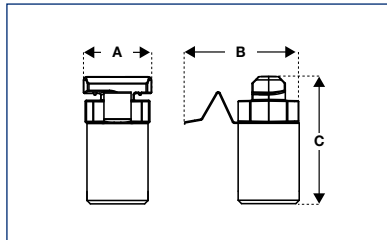
# QT Barrel (QTB)

- Fast quarter turn attachment to Gripple Brackets
- Available up to 90 kg SWL, with up to a 5:1 safety factor
- Allows for suspension of services from pre-installed header rails or to provide multi-tier suspension from LPB Bracket (page 90)
- Available in lengths from 1 - 10 m



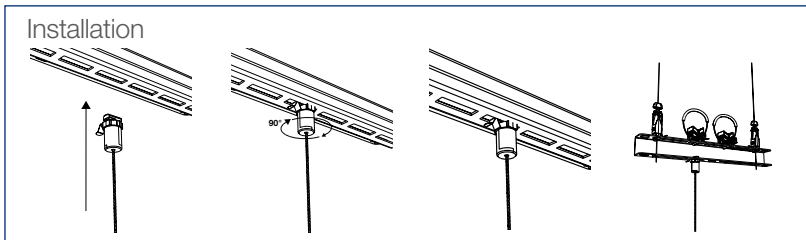
Available Hangers

			
Page 32	Page 62	Page 62	
			
Page 40	Page 36	Page 64	Page 64



Size	A (mm)	B (mm)	C (mm)
No.1 (0 - 15 kg)	20	34	37,5
No.2 (15 - 45 kg)	20	34	37,5
No.3 (45 - 90 kg)	20	34	37,5

Install fixings in accordance with manufacturer's specifications.





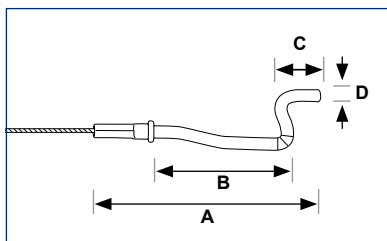
# Cable Tray Hook (CT)

- Ideal for use with cable tray
- Available up to 45 kg SWL, with a 4:1 safety factor
- Comes as a ready-to-use kit with the UniGrip – Y-Fit (page 72)
- Available in lengths from 1 - 10 m



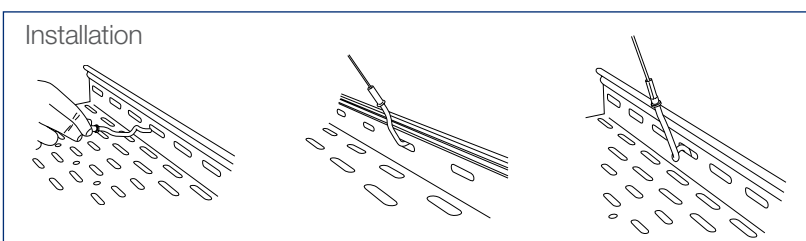
Available Hangers

	
Page 74	Page 63



Size	A (mm)	B (mm)	C (mm)	D (mm)
Y-Fit (0 - 45 kg)	92	60	19	5

Install fixings in accordance with manufacturer's specifications.







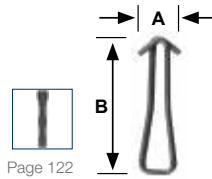
# Accessories

Anchoring Solutions	page 106
Beams & Purlins	page 108
Brackets & Attachments	page 109
Adaptors	page 110
Other Accessories	page 111
Tools & Finishing Accessories	page 112

# Anchoring Solutions

## Concrete Wire Anchor

- Suitable for non-cracked concrete
- Stainless steel (302s26)
- CSTB test report



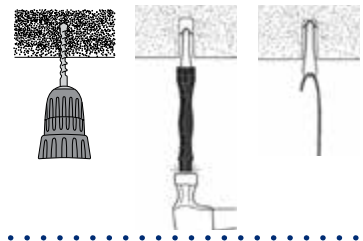
Page 122

Load rating is dependant on base material

Product code	A (mm)	B (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIHK100P	15,3	50	45	8	30	30	100

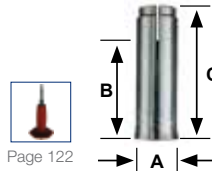
\* For further information contact Gripple Technical Services

### Installation



## Drop-In Anchor

- Suitable for non-cracked concrete, precast hollow core concrete and hard natural stone
- Internal threaded anchor with flared end for easy setting



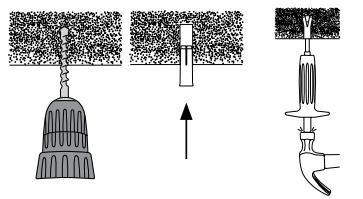
Page 122

Load rating is dependant on base material

Product code	A	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Anchorage depth* (mm)	Quantity
GRIPCHEV6	M6	13	25	140	8	27	25	10
GRIPCHEV8	M8	12	30	185	10	33	30	10
GRIPCHEV10	M10	15	40	290	12	43	40	10

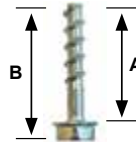
\* For further information contact Gripple Technical Services

### Installation



## Concrete Screw

- Suitable for cracked and non cracked concrete
- Ideal for use with the 90° Eylet End Fixing (page 109)
- Removable

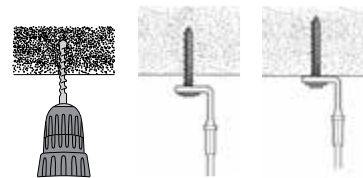


Load rating is dependant on base material

Product code	A (mm)	B (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPEO90	40	47	100	6	38	25	100

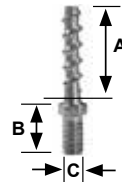
\* For further information contact Gripple Technical Services

### Installation



## Barrel Concrete Screw

- Suitable for cracked and non-cracked concrete, precast hollow concrete and hard natural stone
- Easy-fit screw with integrated male thread connection
- Ideal for use with the M8 Barrel End Fixing (page 110)
- Removable

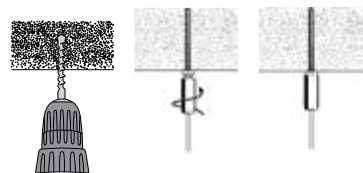


Load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPEB8	35	16	M8	100	6	38	25	100

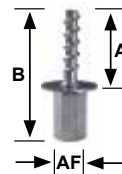
\* For further information contact Gripple Technical Services

### Installation



## Stud Concrete Screw

- Suitable for cracked and non cracked concrete
- Dual M8/M10 internal thread
- Ideal for use with the Stud End Fixing (page 104)
- Removable

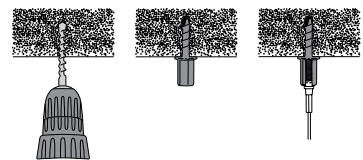


Load rating is dependant on base material

Product code	A (mm)	B (mm)	AF (mm)	Max. SWL (kg)	Ø Hole (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPEB8M10	35	60	13	100	6	38	25	100

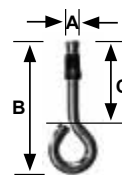
\* For further information contact Gripple Technical Services

### Installation



## Concrete Ring Anchor

- Suitable for cracked and non cracked concrete
- Self-expanding anchor
- ETA approved



Load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPEILM6	6	54	31	150	6	35	25	100

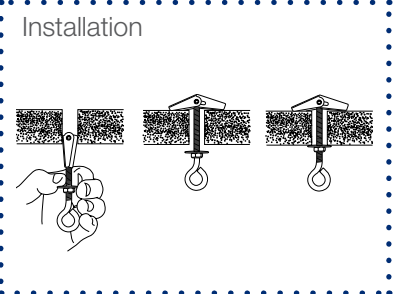
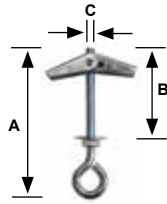
\* For further information contact Gripple Technical Services

### Installation



# M6 Spring Toggle

- Expands by spring force into any cavity
- Suitable for pre-stressed hollow core concrete / plasterboard and slabs made from perforated brick
- Ideal for use with the Snap hook end fixing (page 106)



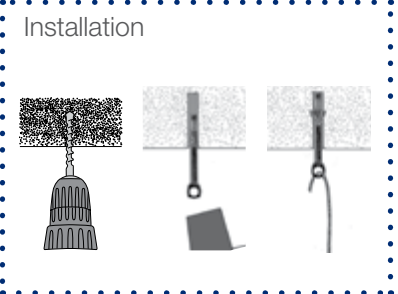
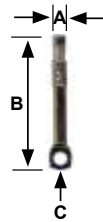
Load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPCPEUX6	92	60	M6	15	18	45	35	10

\* For further information contact Gripple Technical Services

# Concrete Ceiling Anchor

- Suitable for non-cracked concrete and hard natural stone
- Knock into a pre-drilled hole and pull with a claw hammer to set
- Ideal for use with the HF Express (Page 32)



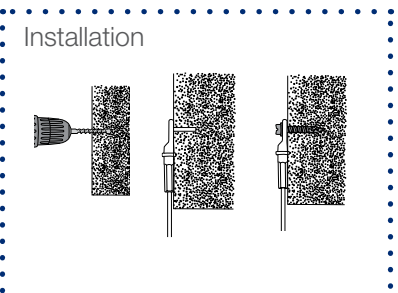
Load rating is dependant on base material

Product code	A (mm)	B (mm)	C Ø (mm)	Max. SWL (kg)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPCWH6	6	60	6,2	45	43	25	100

\* For further information contact Gripple Technical Services

# Concrete Wood Screw

- Easy-fit screw suitable for wood, non-cracked concrete, precast hollow concrete and hard natural stone
- Ideal for use with the range of Eyelet End Fixings (page 108)
- Removable



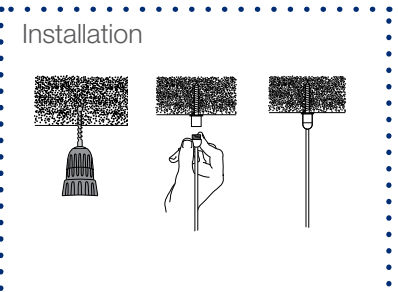
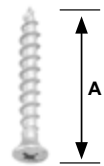
Load rating is dependant on base material

Product code	A (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPVCBB	32	8	100	5	35	25	100

\* For further information contact Gripple Technical Services

# Concrete Wood Screw

- Easy-fit screw suitable for wood, non-cracked concrete, precast hollow concrete and hard natural stone
- Ideal for use with the range of Top Hat End Fixings (page 107)
- Removable



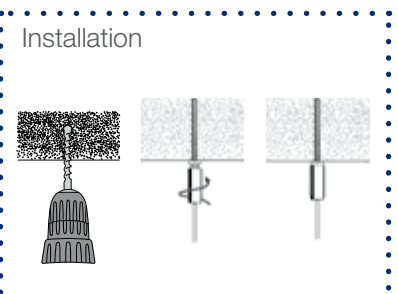
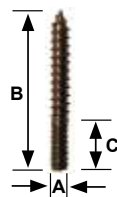
Load rating is dependant on base material

Product code	A (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPVCBBP2L	40	100	4	45	35	100

\* For further information contact Gripple Technical Services

# Barrel Wood Screw

- Easy-fit wood screw with integrated M6 thread connection
- Ideal for use with the M6 Barrel End Fixing (page 110)



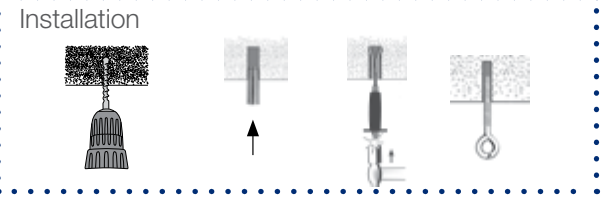
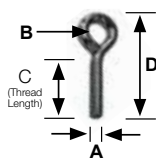
Load rating is dependent on wood type

Product code	A	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
GRIPWSA	M6	50	15	N/A	4,5	40	35	100

\* For further information contact Gripple Technical Services

# Eyebolt

- Closed-eyes for ultimate strength
- Ideal for suspending services with HF Classic (page 34)
- Available fully threaded or partially threaded



5:1 Safety rating

Product code	A	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
OELB13	M8	13	130	168	325	10
OELB20	M8	13	200	230	325	10
OELB2F	M8	13	200	230	325	10

Product code	A	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
OEL1013	M10	13	130	174	325	10
OEL1020	M10	13	200	238	325	10
OEL102F	M10	13	200	238	325	10

# Beams & Purlins

## Vertical Flange Clip

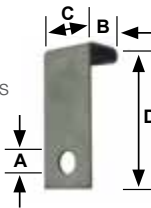
- Hammer-on installation
- Two sizes available to suit 1 mm - 5 mm and 5 mm - 7 mm flange thickness
- Ideal for use with the Hook End Fixing (page 106)



Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GCVF15	6,5	1-5	19	39	72	100
GCVF57	6,5	5-7	19	40	72	100

## Purlin Clip

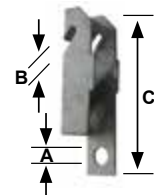
- Easy installation - clip into place
- Available to suit 4 mm - 5 mm flange thickness
- Ideal for use with the Hook End Fixing (page 106)



Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GCP45	6,5	15	19	45	20	100

## Z Purlin Clip

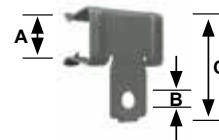
- Hammer-on installation
- Available to suit 2.5 mm maximum flange thickness
- Ideal for use with the Hook End Fixing (page 106)



Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCZP48	6,5	2,5	48	72	100

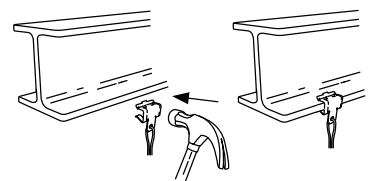
## Beam Clip

- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Hook End Fixing (page 106)



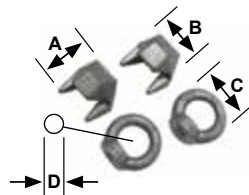
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCB24	2-4	6,5	27	45	100
GCB48	4-8	6,5	39	96	100
GCB814	8-14	6,5	41	96	100
GCB1420	14-20	6,5	47	96	100

### Installation



## GF Bracket

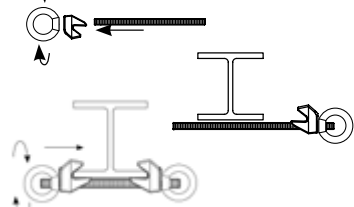
- Designed for clamping onto an I-Beam section
- Suitable from 6 mm - 30 mm flange thicknesses
- Use with M12 threaded rod (not supplied)
- Ideal for use with Catenary Kits (page 86)



5:1 Safety rating

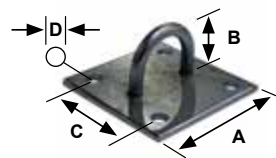
Product code	Beam Flange Thickness (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GRIPPROFIL1613	6-13	46	47	55	30	340	1
GRIPPROFIL11019	10-19	65	65	55	30	340	1
GRIPPROFIL11830	18-30	70	70	55	30	340	1

### Installation



## Catenary Wall Bracket

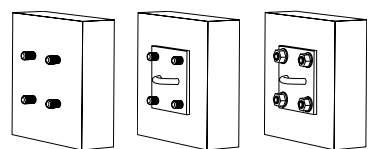
- 100 mm x 100 mm back plate for concrete walls and wooden beams
- 4 x 11 mm diameter mounting holes
- 65 mm hole spacing
- 9 mm ring for easy wire rope attachment
- Zinc plated finish (minimum 5 µm)



3:1 Safety rating

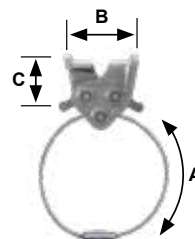
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
PLAT100	100	45	65	11	340	1

### Installation



## C-Clip Accessory

- Twist-on device for hanging at any point on a EP Kit
- Install up to 10 times faster than traditional methods
- C-Clip accessory is ideal for attaching a decoration, when no vertical adjustment is required



5:1 Safety rating

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
ACCEP6	200	45	45	55	10

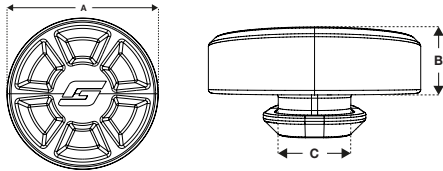
### Installation



# Brackets & Attachments

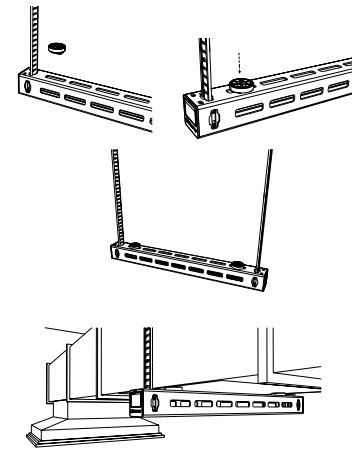
## Vibration Dampener (VDP)

- The Vibration Dampener Pad (VDP) is designed for vibration reduction when installing rectangular ducting on Fast Trak and Universal Brackets
- Effective – vibration reduction
- Easy – made of rubber, no tools required
- Versatile – fits into multiple Gripple brackets preventing direct contact between the duct and the brackets



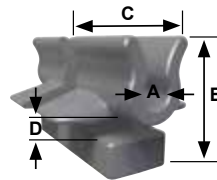
Product code	A (mm)	B (mm)	C (mm)	Quantity
VDP100	30	8,2	9,6	500

### Installation



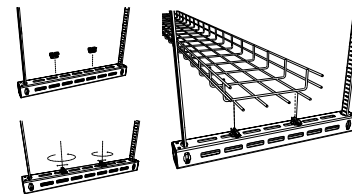
## CB Clip

- Secure – Prevents uplift and slide of cable basket
- Versatile – Two sizes available to fit 4 mm and 5 mm cable basket wire
- Easy – tool-free, quarter turn installation



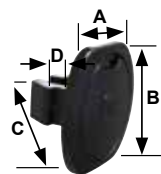
Product code	A Ø (mm)	B (mm)	C (mm)	D (mm)	Quantity
CBC4100P	4	17	30	2	500
CBC5100P	5	17	30	2	500
CBC43100P	4	17	30	3	500
CBC53100P	5	17	30	3	500

### Installation



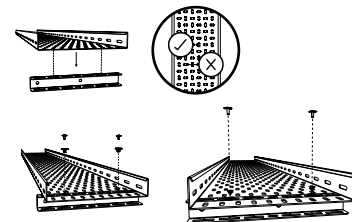
## CT Clip

- Secure – Prevents uplift and slide of cable tray
- Versatile – Two sizes available to fit 2 mm (Fast Trak, G100 and G200) and 3 mm thick steel (G300 and G400)
- Easy – tool-free, quarter turn installation
- Quick – push fit fixing saves time on the install, when compared to traditional methods



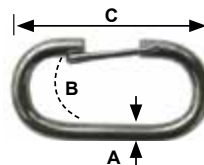
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Quantity
CTC2100P	22	19	13	2	500
CTC3100P	22	19	13	3	500

### Installation



## Link Hook

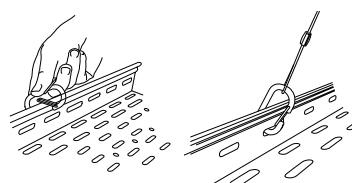
- Easy to attach and detach for loading cable tray
- Suitable for services that require access or maintenance
- Large inner dimension for easy fit
- Ideal for use with the Y-Fit Accessory (page 84)



3:1 Safety rating

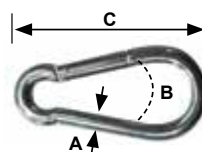
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
LINKHOOK	6	15	48	45	10

### Installation



## Karabiner

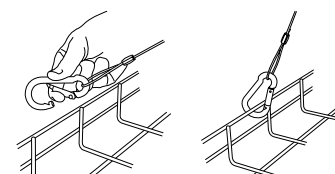
- Versatile fixing, easy to attach and detach
- Available in Stainless steel ("I" endings in the code below)



5:1 Safety rating

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GRIPKARA6	6	8	60	45	10
GRIPKARA6I	6	8	60	45	10
GRIPKARA8	8	10	80	90	10
GRIPKARA8I	8	10	80	90	10

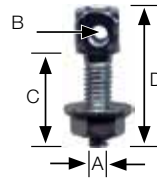
### Installation



# Adaptors

## M6, M8 & M10 Adaptor

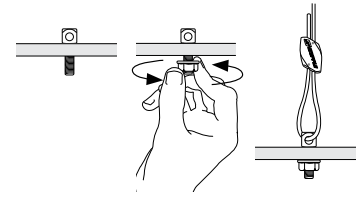
- Ideal for fixings to many services such as luminaires
- Can be fixed into concrete using the Drop-In Anchors (page 116)
- Supplied with nut



5:1 Safety rating - dependent on material

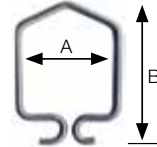
Product code	A	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GRIPADAP6	M6	3,5	20	27	90	10
GRIPADAP8	M8	5,5	27	37	225	10
GRIPADAP10	M10	6	40	53	225	10
INOXADAP10	M10 Inox	6	40	53	225	10

### Installation



## Spring Clip

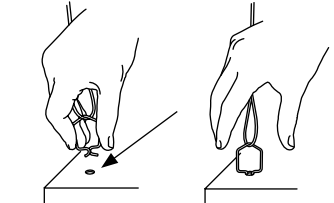
- Used for attaching to services such as trunking and lighting
- For 6 mm - 8 mm holes
- Ideal for use with the HF Express (Page 32)



3:1 Safety rating - dependent on material thickness

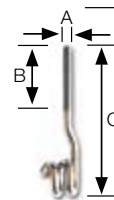
Product code	A (mm)	B (mm)	Max. SWL (kg)	Quantity
SPRINGCLIP	24	38	30	100

### Installation



## Pigtail

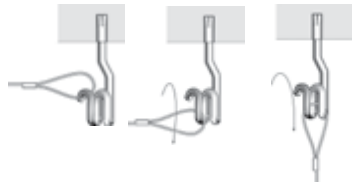
- Fast and secure anchor suitable for use with the Loop End Fixing (page 104)
- Ideal for use with the Drop-In Anchor (page 116)
- Allows Loop to be removed for maintenance



5:1 Safety rating - dependent on base material

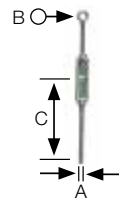
Product code	A	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GRIPM620	M6	20	76	90	10
GRIPM645	M6	45	102	90	10
GRIPM845	M8	45	118	150	10

### Installation



## Turnbuckle

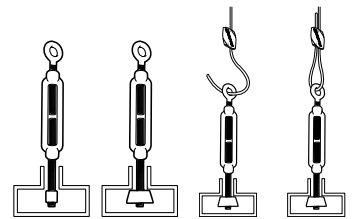
- Ideal for cold room panels
- One end with closed-eye/one end with straight threaded rod
- Use with the HF Classic (page 34)



5:1 Safety rating - dependent on material

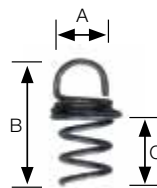
Product code	A	B (mm)	C (mm)	Max. SWL (kg)	Quantity
OEL88TD	M8	14	80	325	10
OEL820TD	M8	14	200	325	10
OEL1020TD	M10	14	200	325	10

### Installation



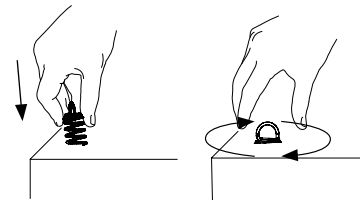
## Acoustic Spring Anchor

- Ideal for use with the Angel Hook
- Available in standard (40 mm) and large size (70 mm) with 2 mm wire diameter
- Maximum load ratings will vary. Contact Gripple Technical Services for more information
- Must be tested before use with the manufacturer's baffle



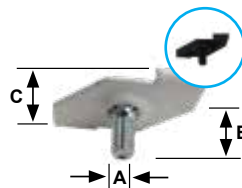
Product code	A (mm)	B (mm)	C (mm)	Kit Quantity
RBACRT12	17	47	28	12
RBALNG12	27	97	72	12

### Installation



## T-Bar Twist Clip

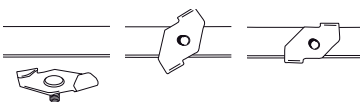
- Ideal for hanging from suspended ceiling T-Bar, signage, acoustic baffles or luminaires
- Integral M6 x 11 mm and M6 x 16 mm thread
- Ideal for use with the Top Hat End Fixing (page 107)
- Suitable for 24 mm T-Bar grid ceilings



5:1 Safety rating

Product code	A	B (mm)	C (mm)	Max. SWL (kg)	Quantity
TWISTCLIP	M6	16	25	22	10
TWISTCLIPW	M6	11	25	22	10
TWISTCLIPB	M6	11	25	22	10

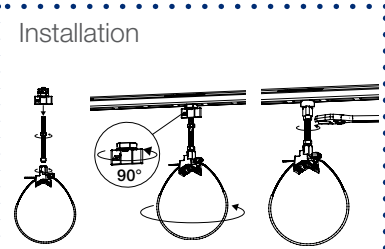
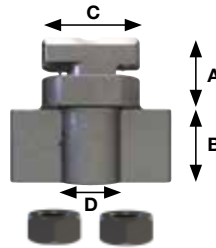
### Installation



# Other Accessories

## QT Accessory

- Finite adjustment – used with M8 rod and Gripple Universal Clamp, make height adjustments to suit exact requirements of the installation
- Quick installation – simple quarter turn attachment to Universal Bracket
- Versatile – enables pipes of different sizes to be installed along the centre axis and condensate pipes to be installed at a gradient for drainage

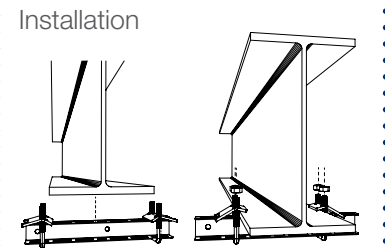
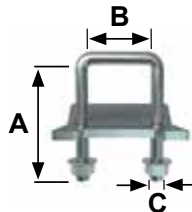


3:1 Safety rating

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GRIPQTAMB	14	15	20	M8	75	100

## Bracket Beam Clamp

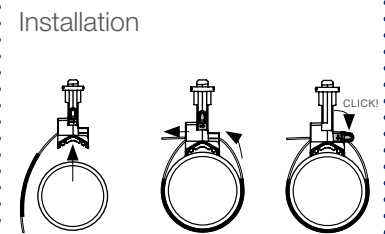
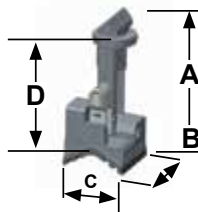
- Allows brackets to be fixed directly to beams for pipe runs close to the deck
- Suitable for a wide range of flange sizes (up to 25 mm)
- Robust, mild steel construction
- Kit of 2 pieces



Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GRIPBC	83	45	M10	150	1

## CRU QT

- Up to 6 times faster than traditional methods
- Universal - for all pipe sizes from Øext. 15 mm to Øext. 89 mm
- Replaces more than 11 different pipe ring sizes
- ¼ turn fixing - tool free attachment and adjustment

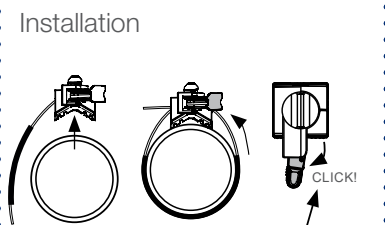
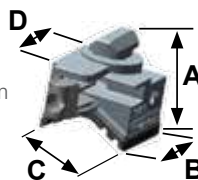


3:1 Safety rating - dependent on base material

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GC2T400AP	68,5	29,4	29,9	52,1	75	100

## CRU QTC

- Up to 6 times faster than traditional methods
- Universal - for all pipe sizes from Øext. 15 mm to Øext. 89 mm
- Replaces more than 11 different pipe ring sizes
- ¼ turn fixing - tool free attachment and adjustment

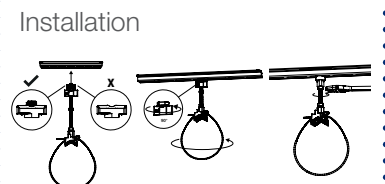
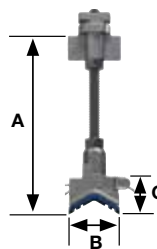


3:1 Safety rating - dependent on material

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GC2C400AP	32,6	29,4	29,9	56,1	75	100

## CRU QTH

- Finite adjustment – make height adjustments to suit exact requirements of the installation
- Quick installation – simple quarter turn attachment to bracket; no requirement to cut threaded rod to multiple different lengths
- Ready-to-use – supplied as a kit, with 100 mm length of rod, M8 nut and Gripple Universal Clamp



3:1 Safety rating - dependent on material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GC2H400A	75 - 118	30	29	75	100

# Tools & Finishing Accessories



## Tensioning Tool

- Applies tension easily with the 6:1 gear drive mechanism
- Designed control mechanism to prevent over tensioning
- Compact, easy to handle, operate and carry
- For use with 6 mm CTI and EP kits

Product code:  
GRIPTORQCTID



## Adjustment Keys

- Use for adjusting the HF Classic height (pre-load)
- Two sizes available – for HF Classic No.1 to No.3, CTI and EP kits  
HF Classic No.4 and No.5

Product code:  
GRIPCLE1  
(for sizes No.1 - No.3, CTI and EP kits)  
GRIPCLE2  
(for sizes No.4, No.5)



## Drop-In Anchor Punch

- Leaves four permanent indents on the anchor to advise correct installation
- Ergonomic handle with hand protection
- Three sizes available to suit M6, M8 or M10 anchor

Product code:  
GRIPTICH6  
GRIPTICH8  
GRIPTICH10



## Protective Sleeving

- Protective black tubing
- Ideal for use on 2 mm and 3 mm wire rope
- Available in 25 m lengths as standard

Product code:  
GRIPPVC2  
GRIPPVC3



## Wire Anchor Installation Tool

- Tool securely locates onto the wire anchor to hammer into place (page 96)

Product code:  
GRIPTIHK



## Spreader Band

- Snap to length as required, live hinges allow for flexibility of use
- Easily installed to wire using integrated clips
- Wire is retained in clip with security latch

Product code:  
GRIPSPB



## Corner Saddle

- Ideal for use with phenolic ductwork
- Also available with magnetic fixing for steel
- Use with wire rope up to 3 mm

Product code:  
GRIPCISO (standard)  
GRIPCISOM (magnetic)



## Twister

- Keeps tail wires neat and tidy
- Grey aesthetic finish - blends into background
- For use with 2 mm and 3 mm wire rope

Product code:  
GRIPTWIST

# Tools & Finishing Accessories

## Wire Cutters



- Hardened, durable jaws
- Two sizes available – pocket size for use up to 3 mm diameter wire rope

Product code:  
GRIPPINC

## Wire Cutters



- Hardened, durable jaws
- Two sizes available – size for use up to 6 mm diameter wire rope

Product code:  
GRIPPINC6



## Fast Trak – Bracket Cover

- Neatly hide tracks to further enhance the aesthetics of the Fast Trak system
- Aesthetic – discreet finish; ideal for open soffit spaces
- Versatile – can be cut down to specific lengths
- Safe – covers metal edges that would usually protrude below the bracket

Product code:  
FTBC1530G

## Corner Saddle



- Ideal for use with phenolic ductwork
- Also available with magnetic fixing for steel
- Use with wire rope up to 3 mm

Product code:  
GRIPCISO (standard)  
GRIPCISOM (magnetic)

## UB – end cap



- Provides a clean, protective finish
- Fits only UB universal brackets

Product code:  
UBENDCAP100

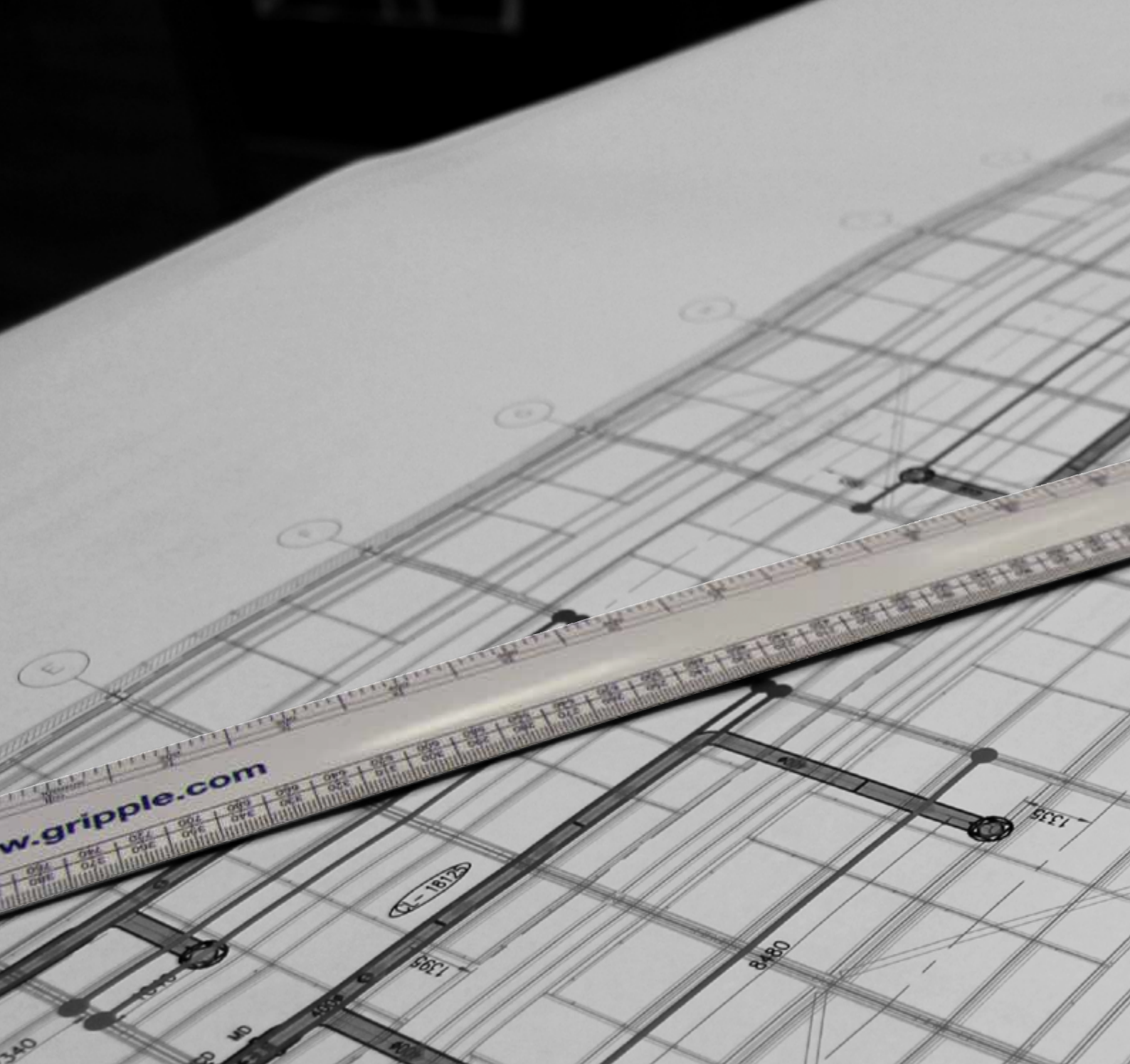
## SIDEPRO end cap

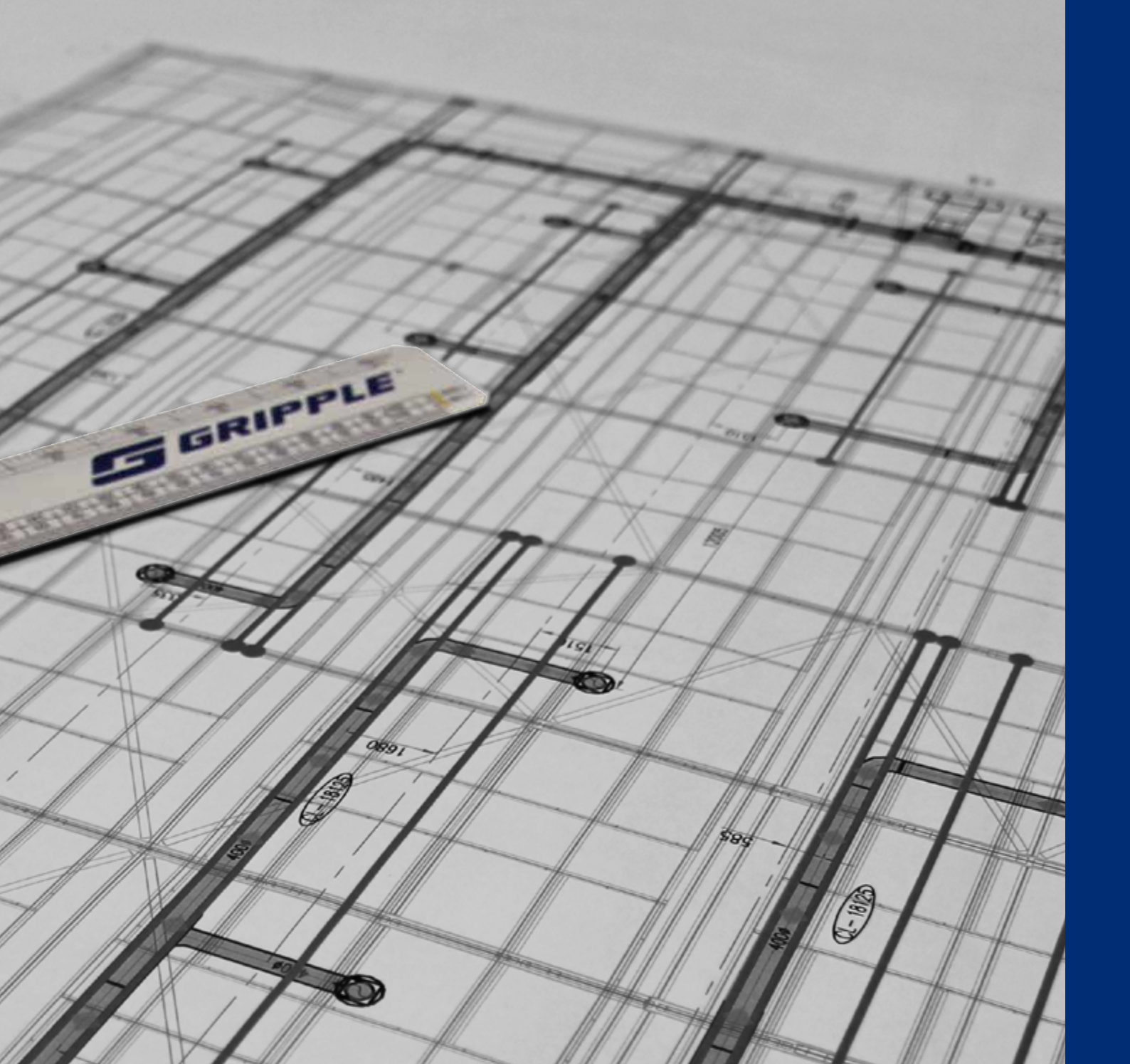


- Covers and protects the Metal edges of the SidePro hanging stems

Product code:  
SIDEPRO-CAP-DP  
(for SidePro double pendants)

SIDEPRO-CAP-SP  
(for SidePro single pendants)





## Technical

Technical Services	page 116
Hanging at Angles	page 118
Wire Rope Construction	page 120
Nominal Ductwork Weights	page 121
Pipe Support Spacing	page 122
Fast Trak Specifications	page 124
Key Recommendations	page 125

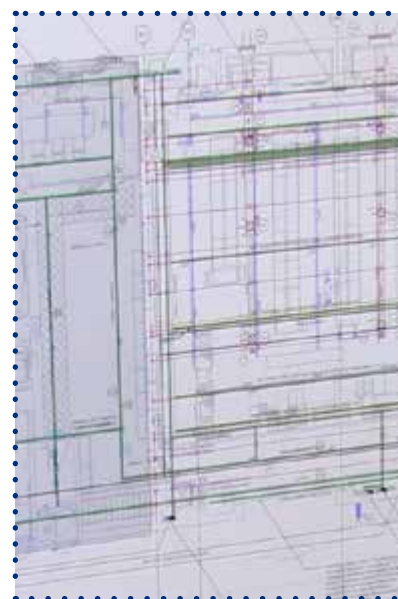
# Technical Services



Gripple Technical Services is able to provide you with continuous skilled technical support. For information about this service, please contact your Gripple sales representative; or contact the Gripple Europe office in Obernai on +33 (0)3 88 95 44 95 – [planservice@gripple.com](mailto:planservice@gripple.com)

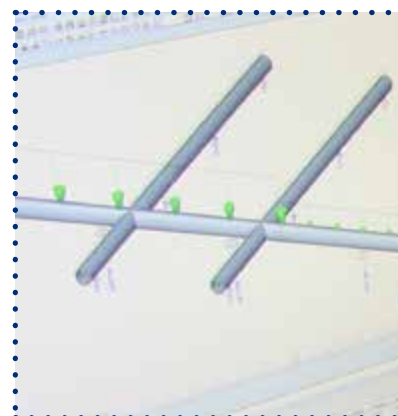
## Installation Design

Gripple Technical Services offers a full suspension system design service. Drawings can be submitted in either .dwg or .pdf file formats and are returned fully annotated and costed. Bespoke bracket design, and assistance with minimising suspension elements and cost can also be provided. In order to reduce programme time and installation costs further, Gripple Catenary Systems can be employed to span structural steels and suitable building components. Gripple's Installation Design service provides the contractor with annotated drawings showing the location and length of each catenary wire to simplify the installation process.



## Catenary Tension Analysis

Catenary systems can impose loads on building structures far in excess of the vertical loads applied to each free span. It's for this reason that Gripple Technical Services offers computer modelled catenary tension analyses to determine both final catenary sag and more importantly, anchor point loading. This ensures that all catenary systems installed meet the requirements of the structural engineer.



# BIM

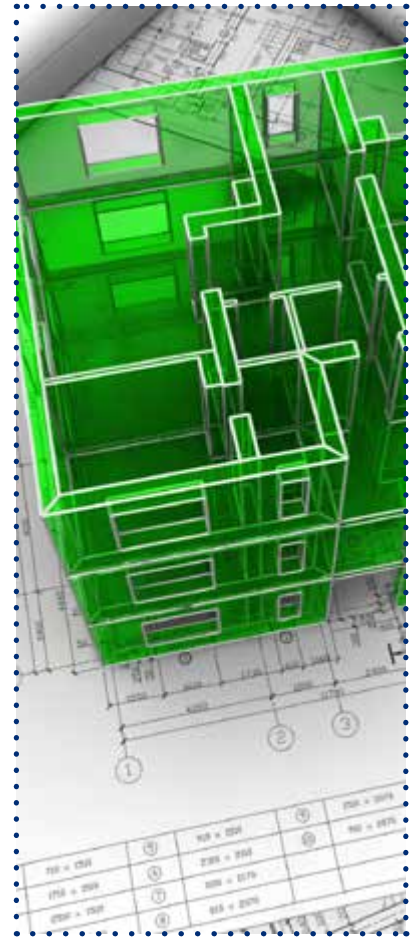
Building Information Modelling (BIM) is now a mandatory requirement for centrally funded government projects in Europe, and this highly collaborative way of working is fast becoming the preferred method for carrying out progressive private sector projects.

Gripple is the only supplier of wire rope suspension systems that offers consultants and contractors full BIM support in the form of 3D model families. This allows designers to add both fixed and suspended supports for building services, and carry out clash detection in the virtual project environment.

Models are available in a range of file formats including .rfa, .ifc and .dwg and offer full connectivity to product data which can be used to aid cost management, construction collaboration and facilities management.

Detailed schedules of Gripple components can be created meaning only the correct quantity of product is ordered, minimising cost and waste. Gripple Technical Services has recognised the advantages that BIM brings to construction projects and is committed to working with consultants and contractors to develop their BIM capabilities.

Contact Gripple Technical Services for the latest BIM models.



## Embodied CO<sub>2</sub> Assessment and BREEAM or LEED Accreditation

Gripple recognises that today's buildings need to be designed to the highest environmental standards. In order to facilitate this, Gripple Technical Services is able to provide calculations, based on drawing submissions or site surveys, to determine the ECO<sub>2</sub> savings when switching to lightweight wire rope suspension systems. This supporting evidence can then be submitted to BREEAM assessors in order to obtain BREEAM credits or to LEED assessors for LEED points.



# Seismic Bracing & Blast Protection Systems

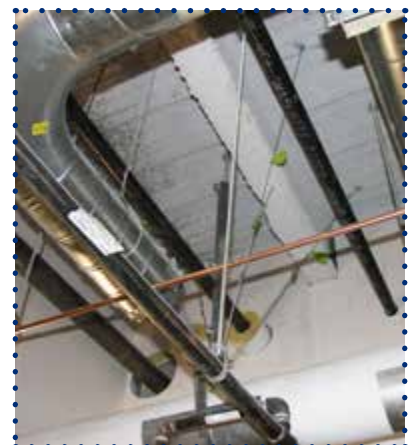
Gripple is a leading provider of seismic bracing and blast protection systems.

In contrast to standard wire bracing, Gripple's seismic system is fully tested and approved to OSHPD OPA-2123-10 and has SMACNA verification, recognised as the most demanding requirement in the world.



## Gripple Technical Services can offer:

1. Engineered seismic bracing calculations based on design category, occupancy, importance and relevant site specific seismic specifications.
2. Detailed engineer's sealed drawings (electronic format) prepared in AutoCAD or PDF files (submitted by the consultant/contractor) indicating the location of seismic bracing points and bracket type.
3. Gripple on-site training on seismic product installation.
4. Completion visit by Gripple Seismic Authorized Representative to ensure correct installation.
5. Gripple Seismic Bracing products per engineering calculations, including:
  - a. Seismic wire rope kit with End Fixing and colour coded verification tag
  - b. Seismic component bracket
  - c. Gripple Seismic Hanger



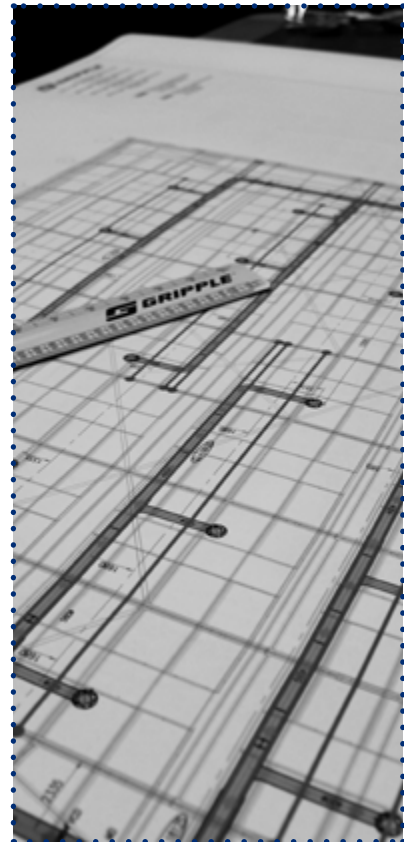
# Acoustic & Vibration Performance

Gripple wire suspensions offer vastly improved acoustic performance over traditional installation methods. Gripple Technical Services can supply independent test data which confirms the levels of attenuation that Gripple wire rope suspensions achieve over a range of audible and inaudible frequencies, when compared to threaded rod.



# Technical Specifications & Best Practice Guides

Gripple Technical Services offers a range of published material to ensure that installations are done in accordance with the best standards. Titles include 'Suspension of Ductwork and Associated Services with Steel Wire Ropes' and 'Suspension of Pipework and Associated Equipment with Steel Wire Ropes'. A generic specification is also available should you wish to include wire rope suspension systems in your design without specifying Gripple products. Gripple Technical Services can also offer advice should Fire Rated Suspension Systems be required.



# On-site Support

Pre-commencement site surveys, on-site pull testing to verify substrate suitability, progress reports and completion certificates can all be requested from Gripple Technical Services. Toolbox Talks are also available on a range of Gripple products and time saving installation methods.

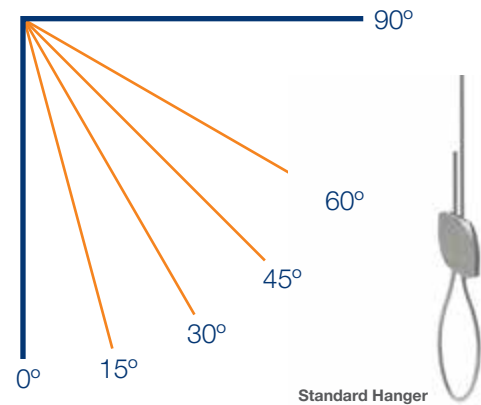


# Product Specification Guidance

## Hanging At Angles

The load rating for a Gripple Hanger is based on the suspension being hung vertically. If the wire rope is at an angle, an additional sideways force is applied which increases the load on the suspension. The net effect is shown in the table below.

Hanger size	Maximum load (kg) at an angle from vertical				
	0°	15°	30°	45°	60°
No. 1	10	9.6	8.6	7	5
No. 2	45	43	39	32	22
No. 3	90	87	78	64	45
No. 4	225	217	195	159	113
No. 5	325	314	281	230	163
Load %	100	96	86	70	50



Figures above are based on Gripple's Standard Hanger range. For advice on hanging at angles using other Gripple products please contact Technical Services.

Gripple single channel hangers (such as Trapeze Plus FR) should not exceed more than a 15° angle from vertical. Please contact Technical Services if your application exceeds over 15°.

Hanging at angles doesn't relate to seismic bracing.

Please check with the Gripple technical team (TechnicalServices@gripple.com) if you are unsure on whether you can 'hang at angles' or suspend 'off axis'.



Products that can be used:



HF & LKP  
Classic



HangPro  
Hanger



Lockable  
Plus



Angel  
Swivel



Angel  
Hook



UniGrip  
Hook

End fixings that can be used:



Loops



Hooks



Ring  
Anchors



Karabiners



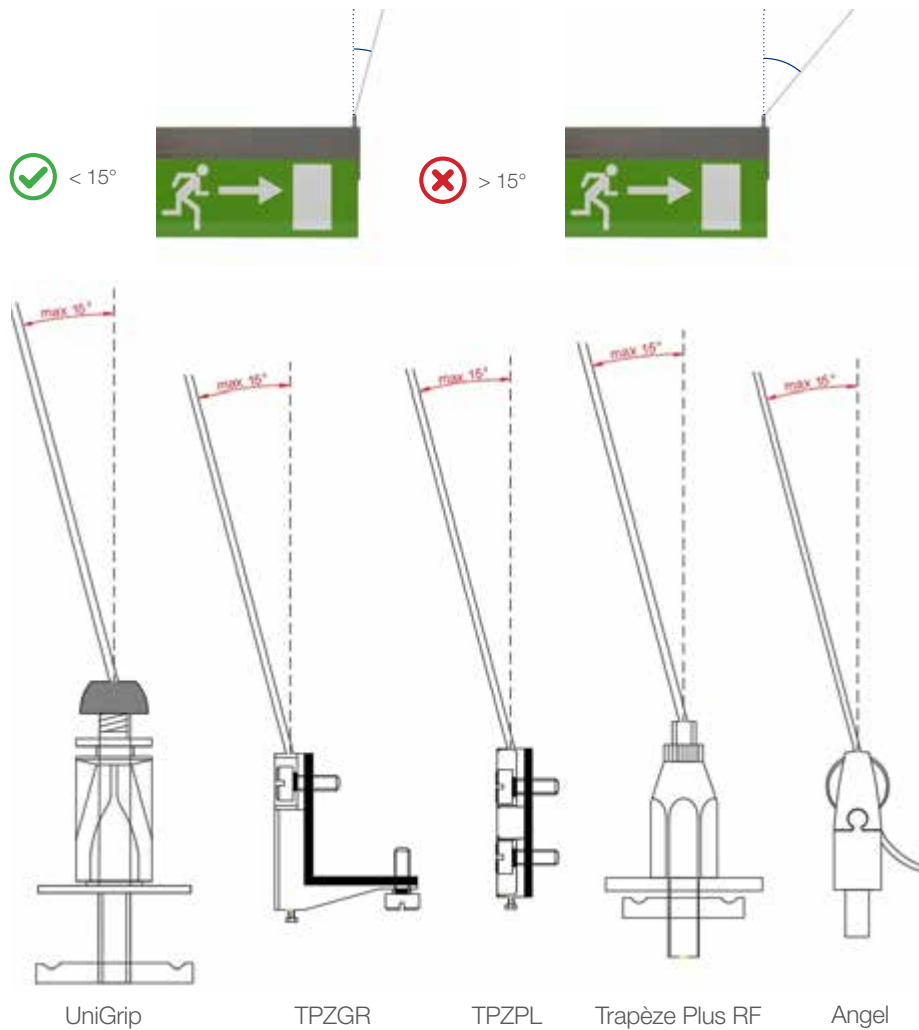
45° Eyelet  
(At 45° +/-  
15° only)



C-Clip

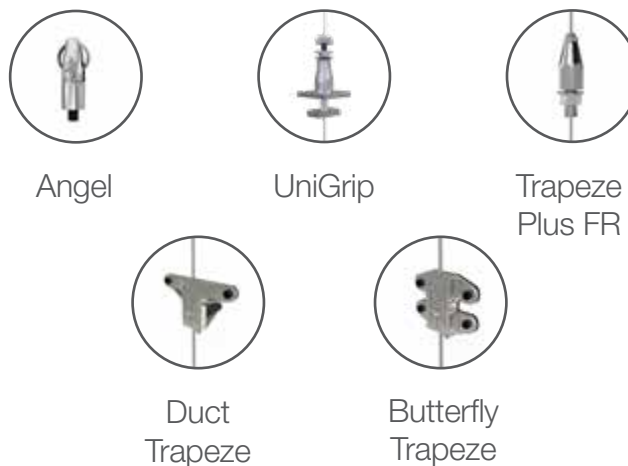
# Off-Axis Suspension

An off-axis suspension occurs where there is a misalignment between the end fixing and the suspension point. This results in the wire being angled away from the vertical (or normal). The net effect is shown in the illustrations below.



**Please check with the Gripple technical team ([planservice@gripple.com](mailto:planservice@gripple.com)) if you are unsure on whether you can 'hang at angles' or suspend 'off axis'.**

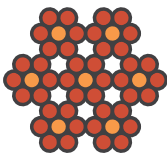
The following products can only be installed at an angle less than  $15^\circ$



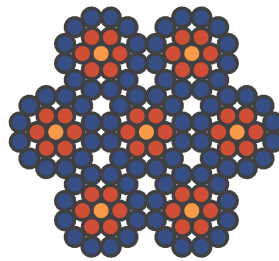
# Wire Rope Construction & Cross Sections

The wire ropes used within our product ranges are manufactured with a galvanised coating in accordance with the norm EN 12385.

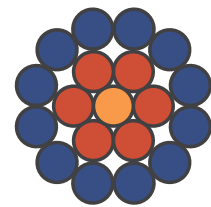
Wire rope size	Diameter (mm)	Construction
No. 1	1.5	7 x 7 or 1 x 19
No. 2	2	7 x 7 or 1 x 19
No. 3	3	7 x 7 or 1 x 19
No. 4	4.75	7 x 19
No. 5	6	7 x 19



7 x 7 (6/1)



7 x 19 (12/6/1)



1 x 19 (12/6/1)



# Nominal Ductwork Weights

## Galvanised Steel Spirally Wound Circular Ductwork

The Gripple hanger size is based on a 2,5 m hanger spacing.

Diameter (mm)	Circumference (m)	Weight (kg/m)	Min. Gripple Hanger size
80	0,25	1,00	No.1
100	0,32	1,56	No.1
125	0,40	1,96	No.1
160	0,50	2,50	No.1
200	0,63	3,75	No.2
250	0,80	4,69	No.2
300	0,94	5,63	No.2
315	1,00	5,92	No.2
400	1,26	9,10	No.2
500	1,57	11,50	No.2
630	1,98	14,50	No.2
710	2,23	16,15	No.3
1000	3,14	28,50	No.3
1250	3,93	45,30	No.4

This table is an extract from DW/144 2013 edition.

## Rectangular Ducting

Size (mm)	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000
250	7,25	10,75	14,25	19,00	-	-	-	-	-	-	-	-
500	-	14,25	17,75	22,75	34,00	38,75	47,75	52,75	-	-	-	-
750	-	-	21,25	26,25	38,75	43,50	52,75	58,00	68,50	74,00	90,75	97,00
1000	-	-	-	30,00	43,50	48,25	58,00	63,00	74,00	79,50	97,00	103,50
1250	-	-	-	-	48,25	53,00	63,00	68,00	79,50	85,00	103,50	109,75
1500	-	-	-	-	-	57,75	68,00	73,25	85,00	90,50	109,75	116,00
1750	-	-	-	-	-	-	73,25	78,25	90,50	96,00	116,00	122,25
2000	-	-	-	-	-	-	-	83,50	96,00	101,50	122,25	128,50
2250	-	-	-	-	-	-	-	-	101,50	107,00	128,50	134,75
2500	-	-	-	-	-	-	-	-	-	112,50	134,75	141,00
2750	-	-	-	-	-	-	-	-	-	-	141,00	147,50
3000	-	-	-	-	-	-	-	-	-	-	-	153,75

For galvanised steel spirally-wound flat oval ductwork, insulated ductwork and phenolic ductwork weights, please contact Gripple Technical Services.

# Pipe Support Spacing

Recommended maximum support spacing for steel and copper pipes.

## Copper Pipes

Copper tube	Nominal pipe size	OD	Weight empty	Weight filled	Max. spacing for horizontal runs	Weight per Gripple Clamp*
BS EN 1057 (Table X)	mm	mm	kg/m	kg/m	m	kg
	15	18	0,28	0,43	1,2	0,51
	20	22	0,53	0,85	1,8	1,53
	25	28	0,68	1,22	1,8	2,19
	32	35	1,13	1,96	2,4	4,72
	40	42	1,37	2,60	2,4	6,24
	50	54	1,77	3,86	2,7	10,43
	50	64	2,74	5,96	3,0	17,87
	65	76	3,12	7,31	3,0	21,92

Mass calculated at standard pressure with water at 4°C.

\*At max. bracket spacing

## Steel Pipes

Steel pipe	Nominal pipe size	OD	Weight empty	Weight filled	Max. spacing for horizontal runs	Weight per Gripple Clamp*
BS 1387 EN 10255	inches	mm	kg/m	kg/m	m	kg
	1/2	21	1,22	1,39	2,0	2,77
	3/4	27	1,58	1,91	2,4	4,59
	1	34	2,44	2,97	2,7	8,02
	1 1/4	42	3,14	4,05	2,7	10,93
	1 1/2	48	3,61	4,87	3,0	14,60
	2	60	5,10	7,14	3,4	24,29
	2 1/2	76	6,51	10,04	3,7	37,13
	3	89	8,47	13,37	3,2	42,79

Mass calculated at standard pressure with water at 4°C.

\*At max. bracket spacing

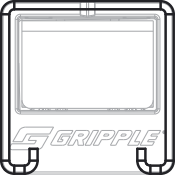
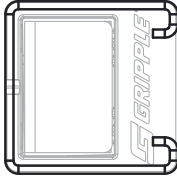


# Bracket Data

## Maximum Working Load\*



### Fast Trak - Standard from FTB-170 to FTB-1370 and Universal Bracket UB-170 to UB-1370

Orientation		
<b>Single Point Load (SPL) @ 3:1</b>	100 kg	70 kg
<b>Uniformly Distributed Load (UDL) @ 3:1</b>	200 kg	130 kg

### Fast Trak - Standard FTB-1470 and Universal Bracket UB-1470

<b>Single Point Load (SPL) @ 3:1</b>	100 kg	70 kg
<b>Uniformly Distributed Load (UDL) @ 3:1</b>	175 kg	130 kg

### Fast Trak - Low Profile (kg)

Bracket	FTBL 190	FTBL 290	FTBL 390	FTBL 490	FTBL 590	FTBL 690	FTBL 790	FTBL 890	FTBL 990	FTBL 1090	FTBL 1190	FTBL 1290	FTBL 1390	FTBL 1490
UDL (Uniformly Distributed Load)	195	135	110	95	85	75	60	60	50	45	40	35	35	30
SPL (Single Point Load)	150	95	65	60	50	45	35	35	30	30	20	20	15	15

### Low Profile Bracket

Bracket	LPB 180 to LPB 850	LPB 950 to LPB 1550
UDL (Uniformly Distributed Load)	150 kg	120 kg
SPL (Single Point Load)	70 kg	75 kg

\*For more details on specified loads or additional deflection ratings please contact Gripple Technical Services. When loading multiple faces the total load applied must not exceed the values stated.

# Key Recommendations

Failure to comply with these recommendations may result in product malfunction and possible damage to property or person and will invalidate the Gripple guarantee. Gripple products are guaranteed to be free from defects in materials and workmanship in accordance with our terms and conditions. No other warranty, whether express or implied, including any warranty of merchantability or fitness for purpose shall exist in connection with the sale or use of any Gripple product.

Full technical information and installation instructions should be obtained directly from Gripple Limited, Gripple Europe SARL, Gripple Inc., Gripple Japan, Gripple Sp. z o.o., Gripple India, Gripple GmbH, any regional Gripple office, or via the website ([www.gripple.com](http://www.gripple.com)). These Key Recommendations may be amended from time to time; please view the Key Recommendations page on the Gripple website ([www.gripple.com](http://www.gripple.com)) for the most up-to-date information.

Please adhere to the following usage recommendations:



## Loads

Always operate the product within its stated safe working load range. Suspend static loads only. Do not subject to shock loading. Do not adjust under load.



## Hanging at an angle to vertical

Ensure that the load calculation considers the effect of 'side load'. For example, at an angle of 60° to vertical the SWL is effectively reduced by 50%.



Ducting: When installing included angle teardrop hangers on round/spiral ducting or pipes, the final included angle of the assembly should not exceed 60°.



Y-Fit: Legs on Y-Fit not to be installed greater than 60°.



## Environment

Do not use in chlorinated or chemically corrosive atmospheres. Standard hangers are for use in dry and air conditioned environments only. Stainless steel hangers should be considered for high to saturated humid environments after validation by a competent person. Not suitable for swimming pools.



## Joining

Never join two ends together in-line.



## Traceability

Always use the Gripple hanger with the specified wire rope supplied by Gripple. Gripple products should only be used with products supplied by Gripple Ltd., and the warranty will not apply if our products are used with any products supplied by third parties.



## Lifting

Do not use for lifting, either by crane or as part of a pulley system.



## Impact

If there is potential for impact on the wire rope suspension or suspended services, seek advice from Gripple Ltd. Technical Services prior to installation.



## Lubrication

Do not apply oil or any other lubricant to the hanger or any other part of the assembly.



## Wire Rope

Trim any damaged filaments with the wire cutter before use.



## Installation

Do not walk or stand on the Gripple product installation. Gripple products must not be used for personal suspension, fall protection or harnessing people.



## Painting

Do not paint the hanger prior to installation. Ensure the hanger is in its final position prior to applying any paint to the wire rope assembly. Do not move the fastener after painting.



## Storing

Do not store the product outdoors, or in damp or abnormal conditions.



## Repair and Re-use

Do not repair or re-use Gripple products. If you have any queries regarding product performance, please contact [technicalservices@gripple.com](mailto:technicalservices@gripple.com)

## Quality & Approvals

Gripple Limited is ISO 9001:2015 and ISO 14001 certified. Gripple products meet the highest standards of quality with lowest environmental impact.



Gripple's policy is one of continuous development and innovation. We therefore reserve the right to alter specifications, etc. without notice.

# www.gripple.com

info@gripple.com



## Gripple Europe SARL

1, rue du Commerce  
BP 37  
67211 Obernai Cedex  
France

**T** | +33 (0)3 88 95 44 95  
**F** | +33 (0)3 88 95 08 78  
**E** | frinfo@gripple.com



## Gripple Ltd (Headquarters)

The Old West Gun Works  
Savile Street East  
Sheffield S4 7UQ  
UK

**T** | +44 (0)114 275 2255  
**F** | +44 (0)114 275 1155  
**E** | info@gripple.com

## Gripple Inc

1611 Emily Lane  
Aurora  
IL 60502  
USA

**T** | +1 866 474 7753  
**F** | +1 800 654 0689  
**E** | usinfo@gripple.com

## Gripple Benelux

1, rue du commerce  
BP37  
67211 Obernai Cedex  
Frankrijk

**T** | +31 (0)70 363 34 30  
**F** | +31 (0)70 362 18 44  
**E** | bnlnfo@gripple.com

## Gripple Portugal

Estrada Nacional 4  
Km 46,5 Pontal  
2985-201 Pegões  
Portugal

**T** | +351 265 898 900  
**F** | +351 265 898 879  
**E** | ptinfo@gripple.com

## Gripple GmbH

Loherstraße 4  
35614 Aßlar  
Deutschland

**T** | +49 (0)6441 44447 – 00  
**E** | deinfo@gripple.com

## Gripple s.r.l

Via Fossoli, 3  
24123 Bergamo BG  
Italia

**T** | +39 (0)35 300 246  
**F** | +39 (0)35 424 0036  
**E** | itinfo@gripple.com

## Gripple Industrial Ibérica, S.L.

C/Zuera 23, Nave 5  
P.I Europa B  
50011 Zaragoza  
España

**T** | +34 97 678 32 67  
**F** | +34 97 678 32 68  
**E** | esinfo@gripple.com

## Gripple Sp. z o.o.

ul. Chełmżyńska 70  
04-247 Warszawa  
Polska

**T** | +48 (0)22 635 62 08  
**E** | plinfo@gripple.com

For details please visit [www.gripple.com](http://www.gripple.com) or call our  
Technical Team on +33 (0)3 88 95 44 95

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