



Product Guide

A complete guide to building services products






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

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About Gripple

Of the 860 strong Gripple team working worldwide, more than 145 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.



CO₂ 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 CO₂ is made. This equates to a total embodied CO₂ 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. We also offer a range of black wire rope kits ideal for cinemas, theatres and other areas where the ceiling is painted black (See page 22).

“...**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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Pipework



LPB Kit
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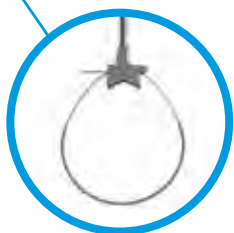
Universal Bracket
Beam Clamp

Page 101



Universal clamp
Waste Water

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CRUPHEN

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PB Kit

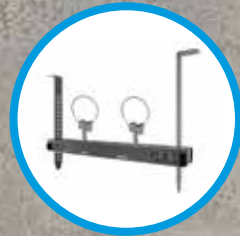
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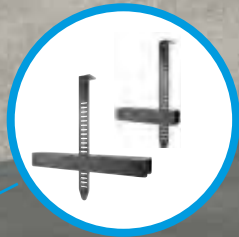
The Gripple range of supports and hangers has been developed to provide a fast and versatile solution for suspending all types of pipework.

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.

PFT Kit
Page 72



Fast Trak – Side Loading
Page 48



Wall Bracket
Page 101



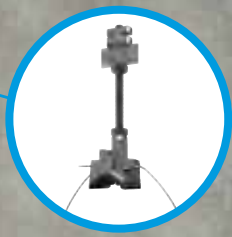
UniGrip – QT
Page 52



CRUFLEX
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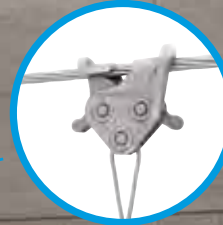


QTH Universal Clamp
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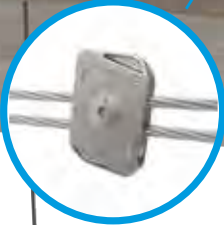


Products shown are for internal use only. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.

HVAC



C-Clip
Page 90



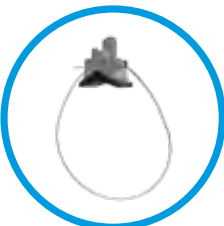
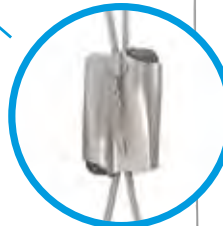
CTI Kit
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UniGrip – Y-Fit
Page 54



HF Express
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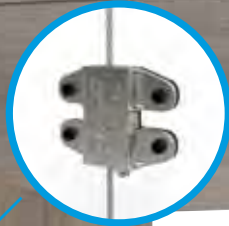


Universal Clamp
Ductwork
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UniGrip – Central Exit
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Please refer to product installation instructions for full information.



Trapeze TPZPL

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Fast Trak

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Trapeze TPZGR

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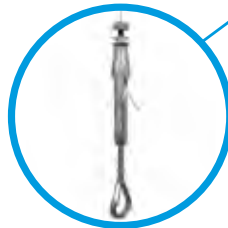


UniGrip – Standard

Page 52

UniGrip – Calibra

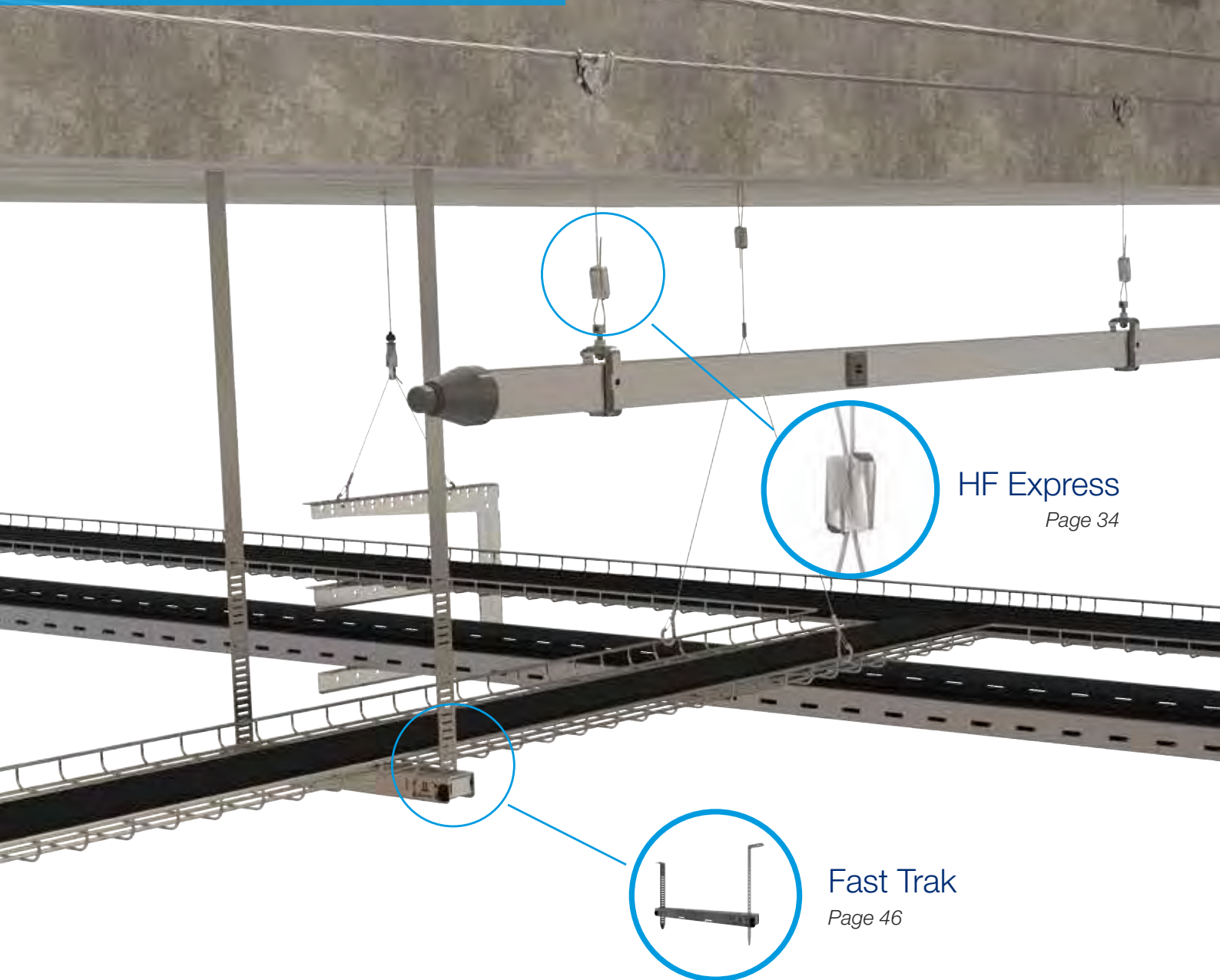
Page 52



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

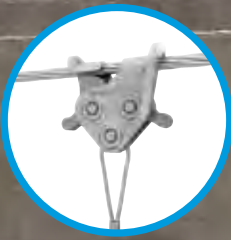


HF Express
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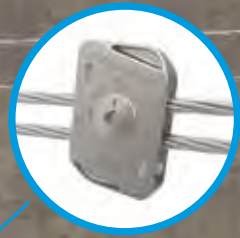
Fast Trak
Page 46

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 90

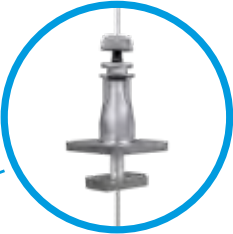


CTI
Page 66



Catenary Wall Bracket
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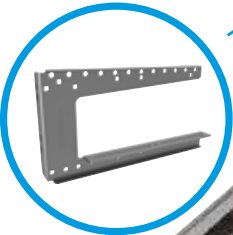
UniGrip – Central Exit
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UniGrip – Y-Fit
Page 54

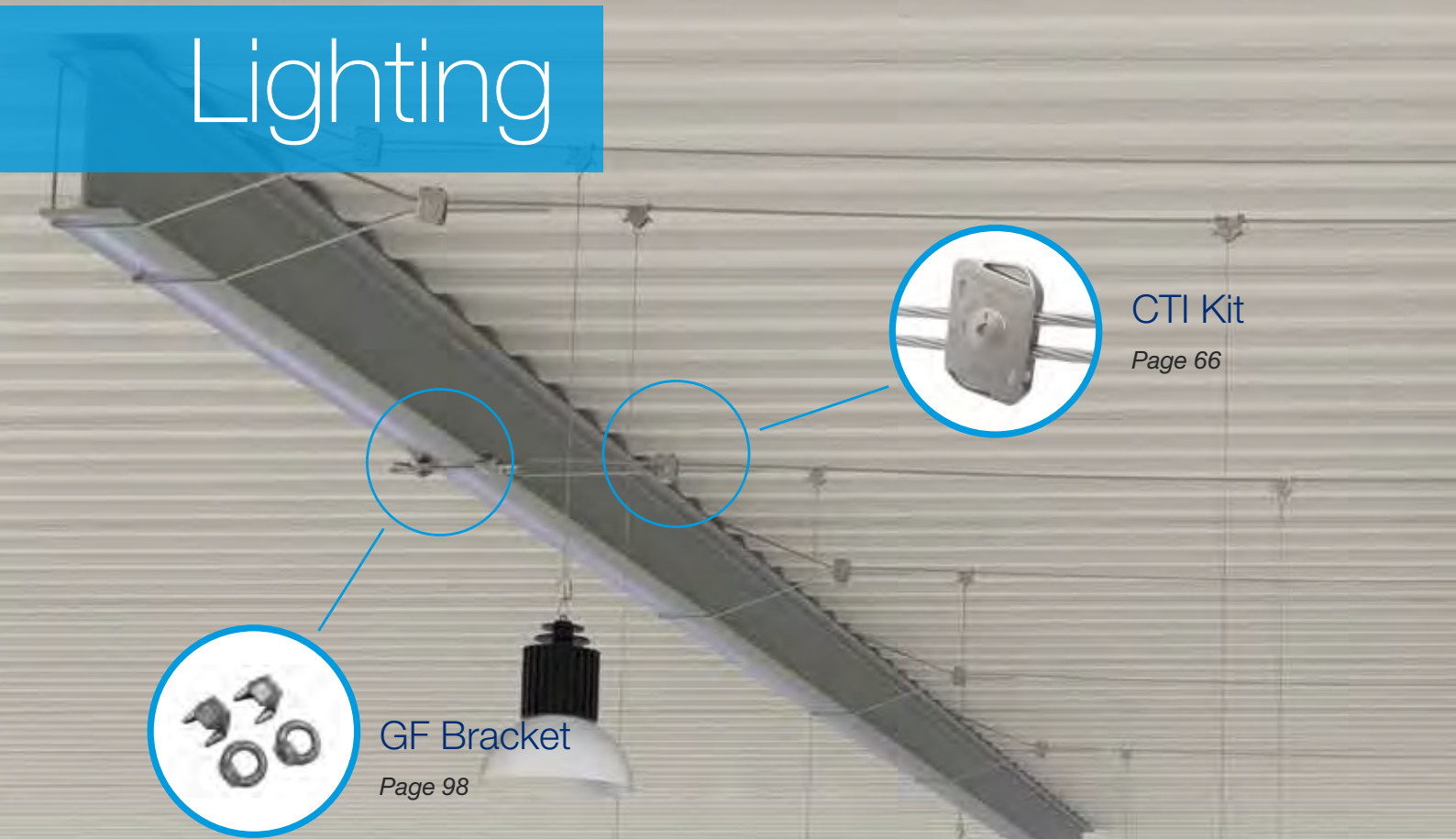


G-Bracket
Page 51



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

Lighting

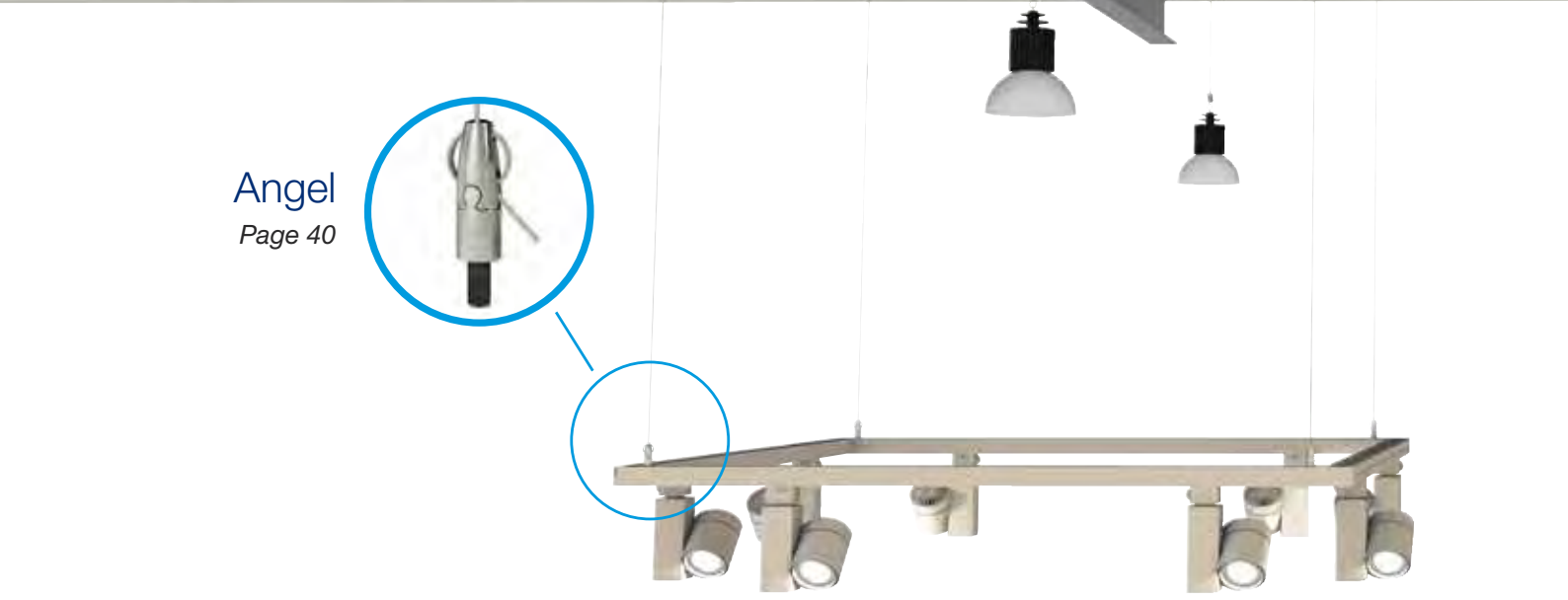


CTI Kit

Page 66

GF Bracket

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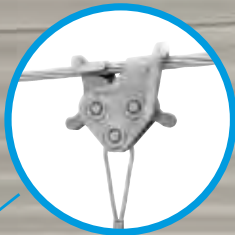


Angel

Page 40

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.

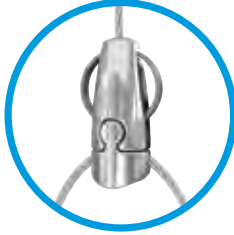
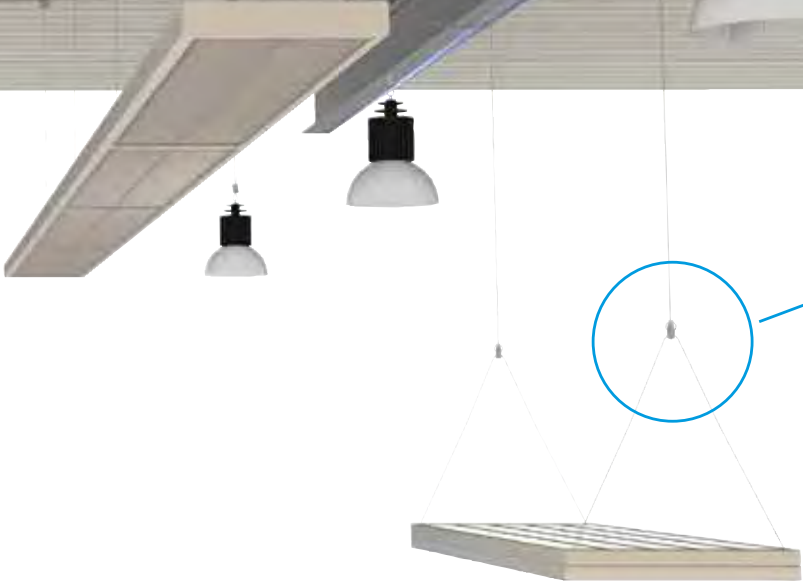
Our products offer a sleek, professional and discreet finish, without compromising on strength; supplied in ready-to-use kits with your choice of end fixing and wire rope length.



C-Clip
Page 90



HF Express
Page 34



Angel
Page 40

Angel has a wide range of feet available to suit your lighting application.
See page 41 for details.



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Please refer to product installation instructions for full information.

Signage

Angel Signage

Page 41

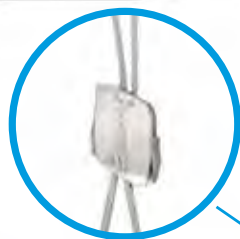
InvisiGrip

Page 44

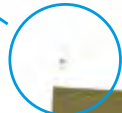
The Gripple range of signage products has been developed to provide a complete solution for the suspension of all forms of signage.

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.



HF Express
Page 34



Angel Signage Rail
Page 41

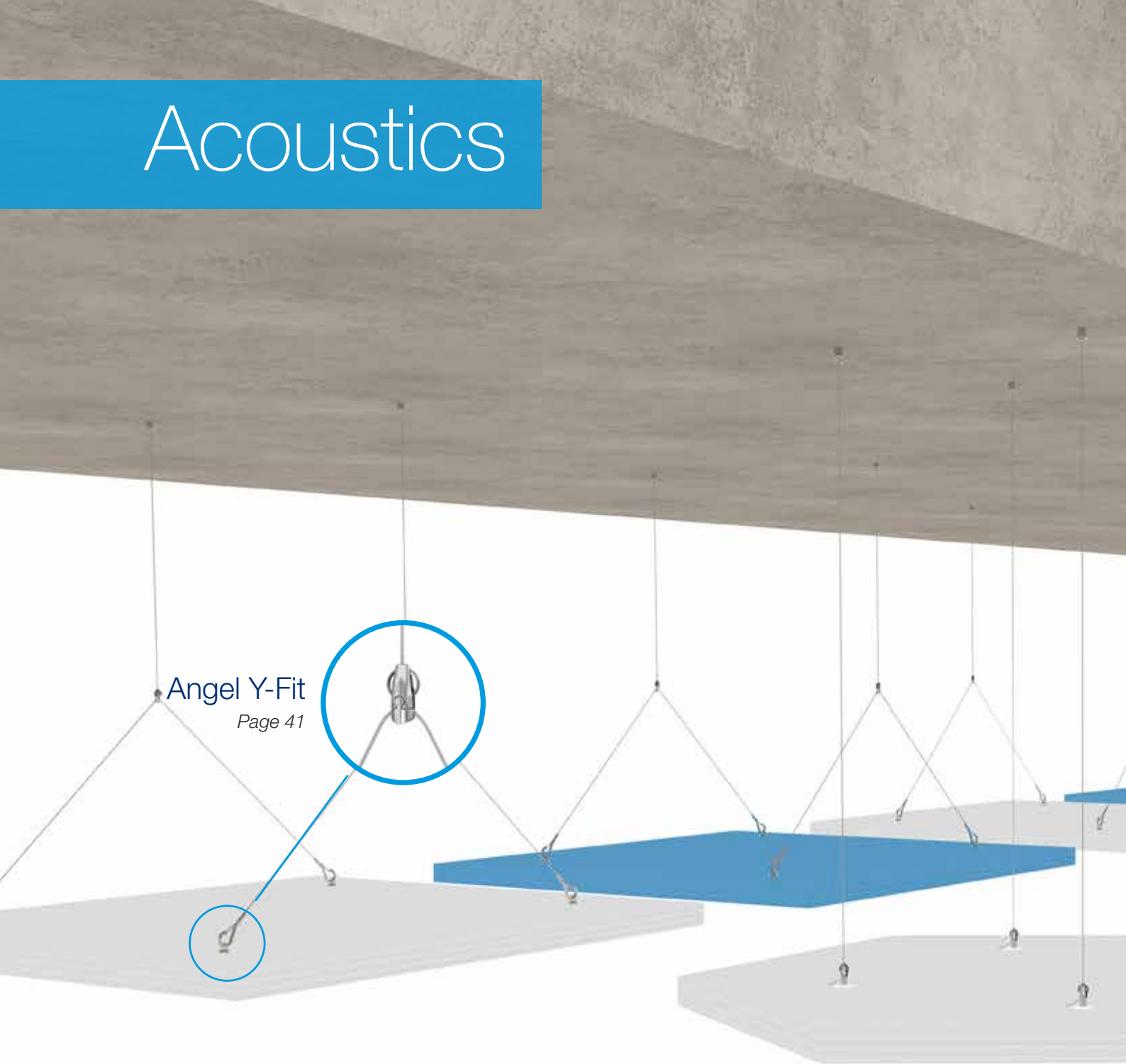
Angel has a wide range of feet available to suit your signage application.

See page 41 for details.



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

Acoustics



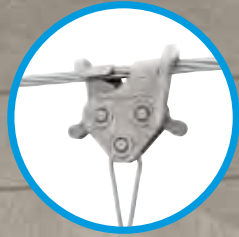
Angel Y-Fit

Page 41

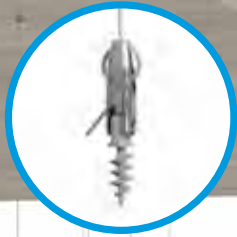
The Gripple range of acoustic solutions are manufactured in the United Kingdom, and have been designed to save you time, money and labour by improving the efficiency of the installation process. Unlike traditional methods, Gripple kits require no on-site cutting, filing or use of uPVC frames, so offer 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
Page 66 & 90



Angel Mini Helix
Page 41



KBL Kit
Hook
Page 42



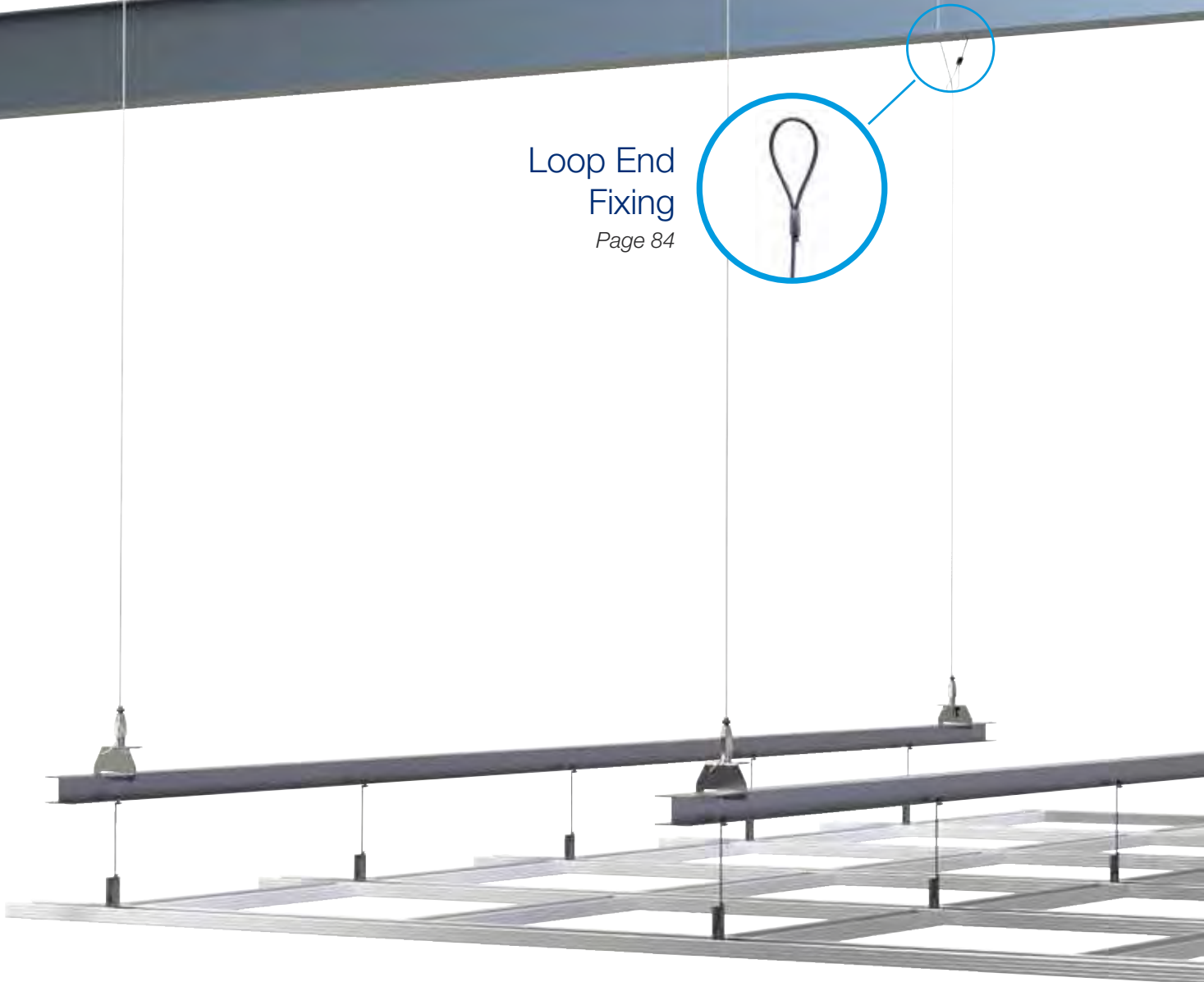
Angel Helix
Page 41



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 84



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 13964:2001. 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 84



SRP
Page 56



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

Black Line

Catenary Kit

Page 66



C-Clip

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Trapeze TPZPL

Page 58



Gripple's ready-to-use suspension kits now come with the option of a black finish to further enhance the aesthetic appeal of the range.

The slim and unobtrusive aesthetics of Gripple's wire suspension systems have always proved perfectly suited to the design of many modern buildings, either where building services in the roof space are left exposed and visible, or for specific applications such as the suspension of lighting.

The new black line of products aims to build on this success and will be ideal for use in a wide variety of environments where aesthetics are paramount, including retail spaces, theatres, exhibition and concert halls.



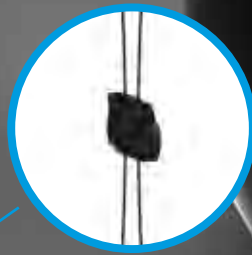
Trapeze TPZGR
Page 58



HF Express
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UniGrip – Central Exit
Page 52



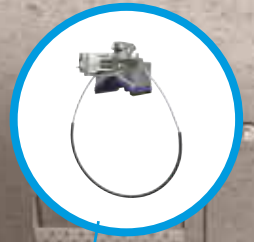
HF Express
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Please refer to product installation instructions for full information.

Fast Trak

QT Compact
Clamp

Page 101



VDP – Vibr ation
Dampener

Page 99



Fast Trak –
Bracket Cover

Page 103



Fast Trak – Universal

Page 46



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 –
Low Profile

Page 47



Fast Trak – Side
Loading

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Fast Trak – J-Hook

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CB Clip

Page 99



CT Clip

Page 99



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

Fire Rated Solutions



Fast Trak – Universal

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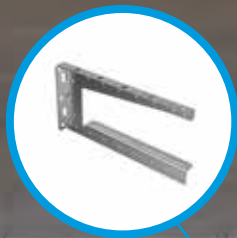


HF Classic RF

Page 61

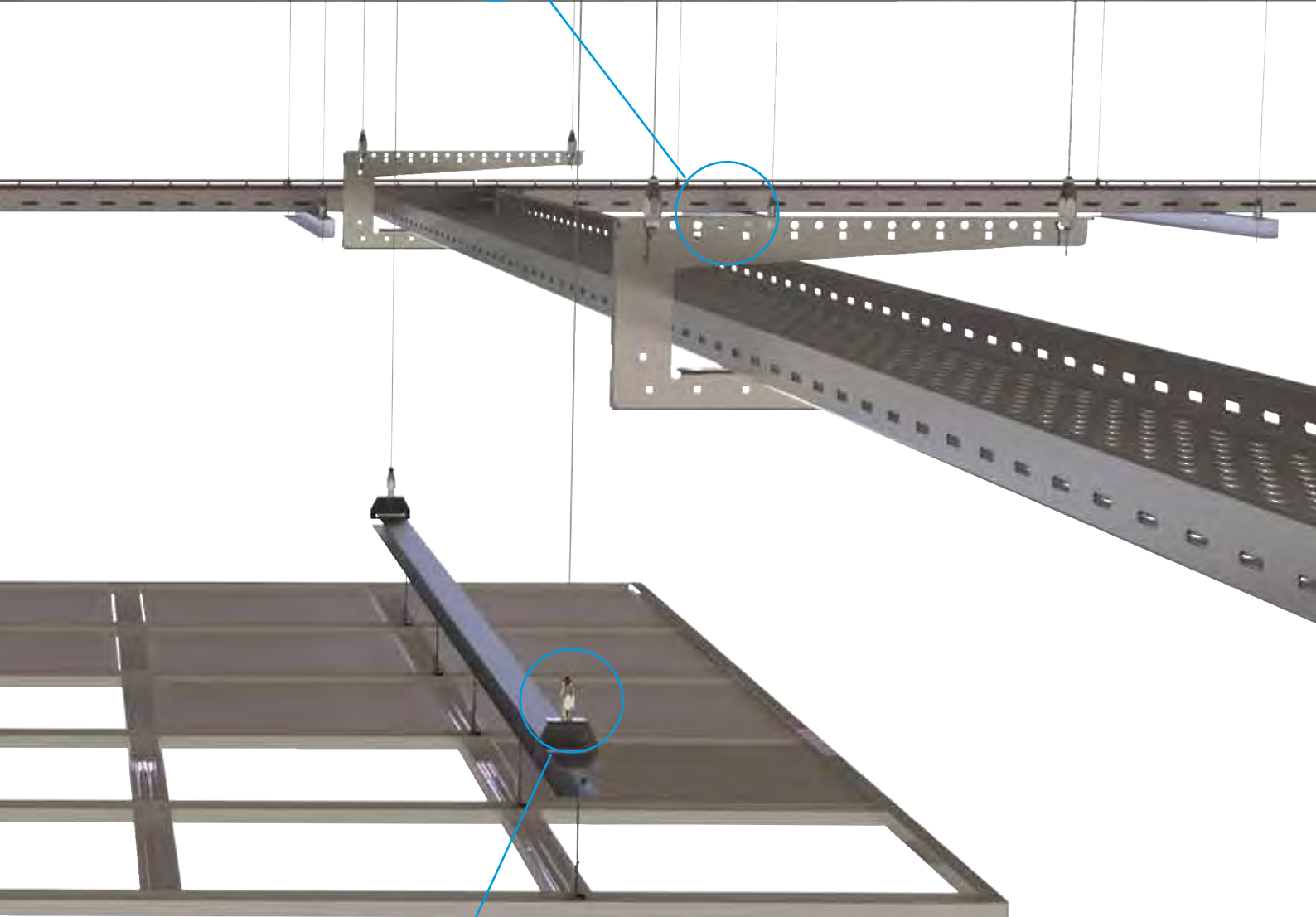
Gripple plays an important part in the market of fire rated suspension in Building Services. Our Fire Rated Solutions are ideal for ceiling, electrical and HVAC applications such as cable trays and ventilation ducts ensuring the installation operation in case of a fire.

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 1363-1:2012.



G-Bracket

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Trapeze Plus RF

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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.

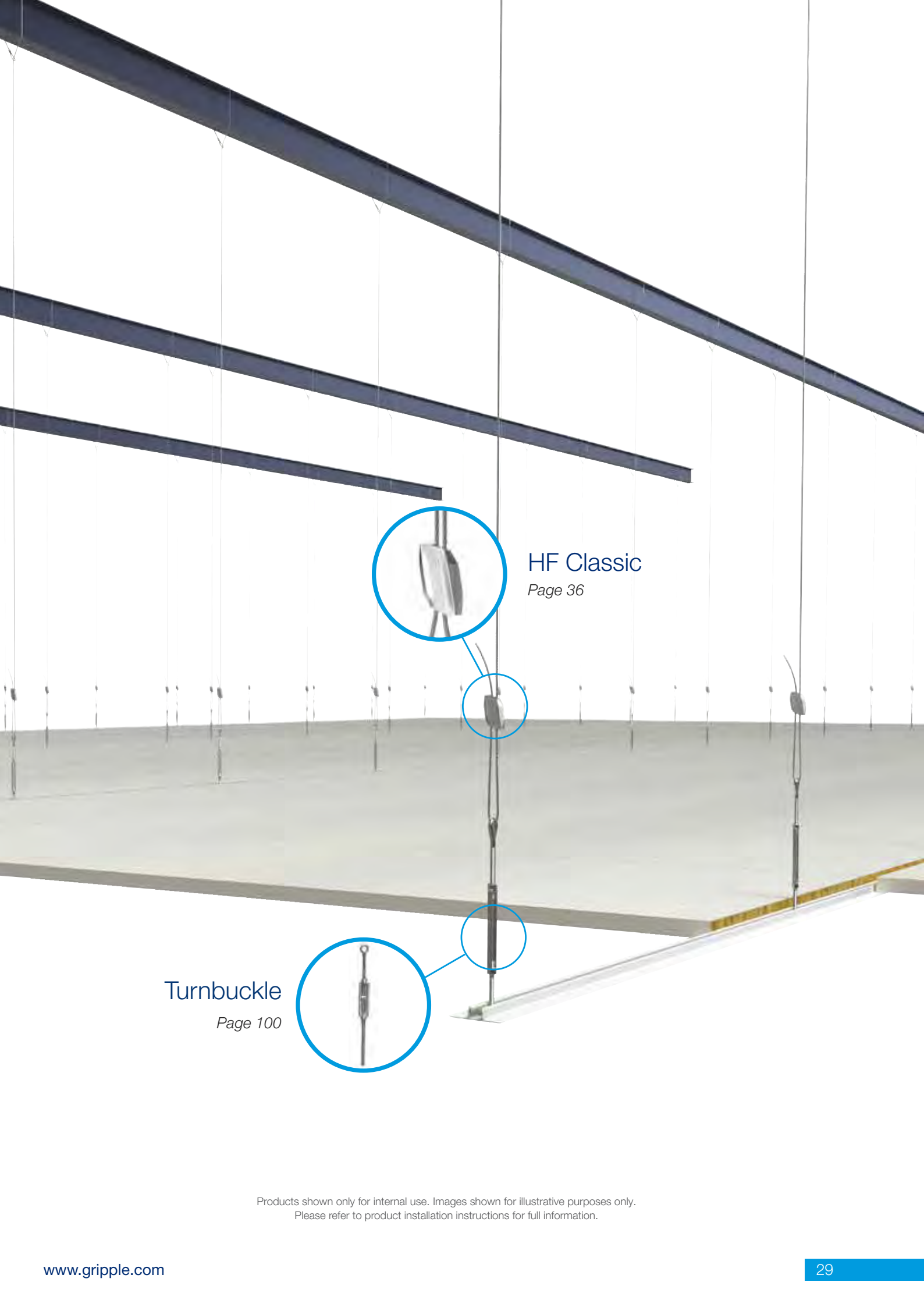
Cold Room



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 HF Classic No. 4 and No. 5 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.



HF Classic

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Turnbuckle

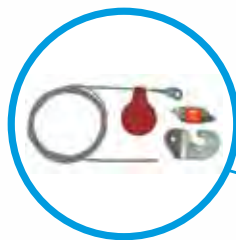
Page 100

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

Seismic

GS10 Kit

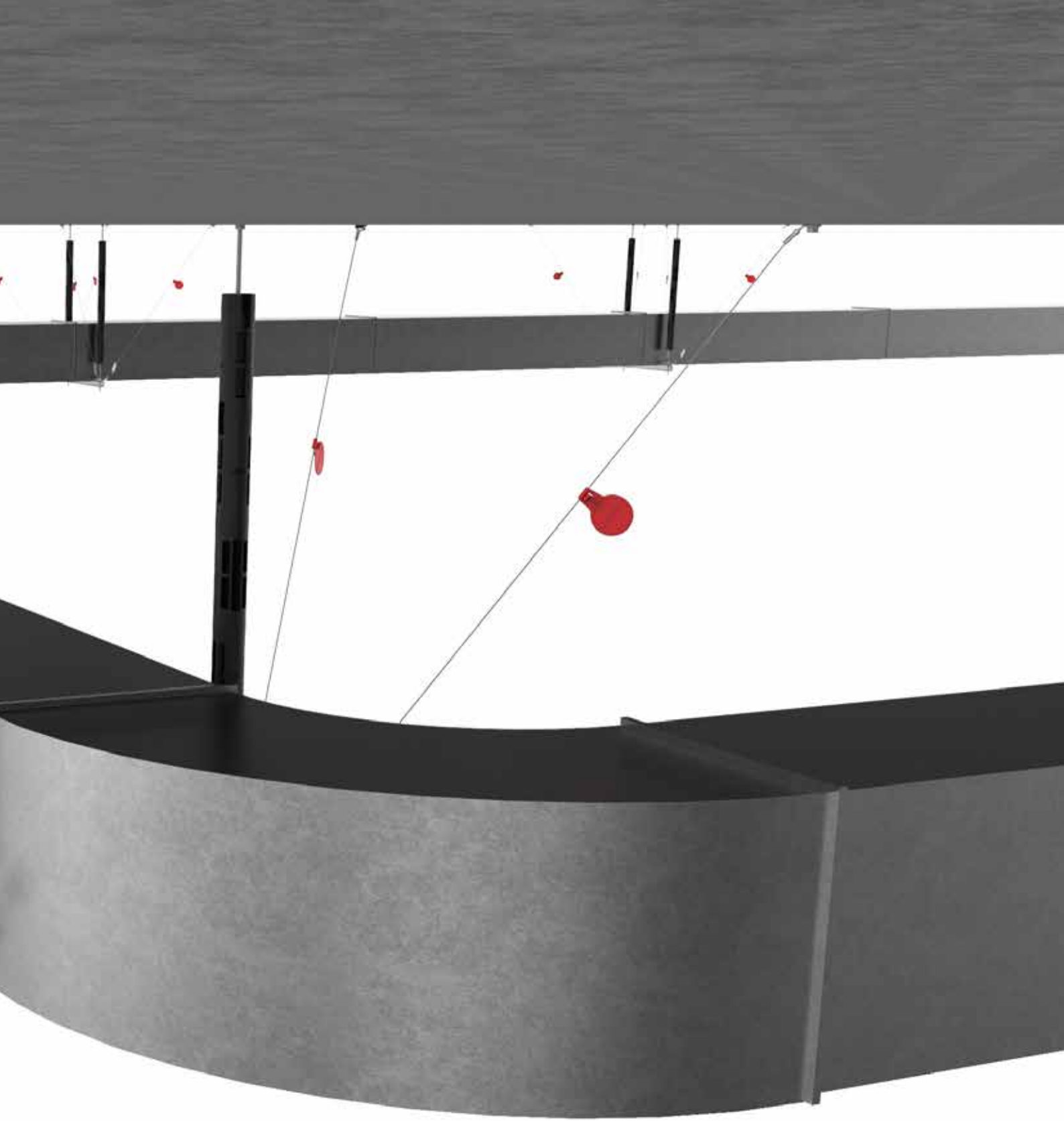
Page 80



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).





Products

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| Wire Bracing Systems (Seismic) | page | 80 |

HF Express

Solution for fast suspension of a variety of services, designed with a keyless release mechanism.

- The HF Express No. 1 is ideal for signage, shopfitting, lighting and other lightweight fixtures
- The HF Express No. 2 is ideal for mechanical and electrical applications
- Up to 6 times faster to install than traditional methods
- Keyless - no tool required for adjustment
- Ergonomic buttons allow rapid adjustment
- Discreet and aesthetic design



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. 1

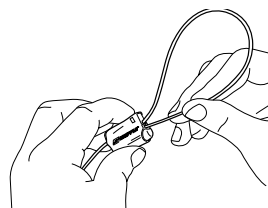
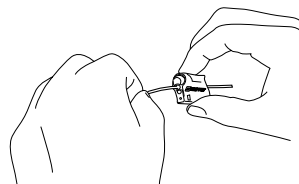
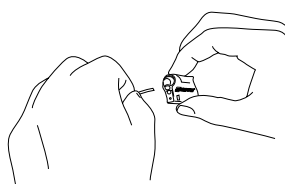
15 kg
(5:1)



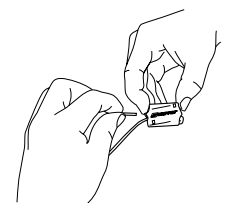
No. 2

45 kg
(5:1)

Installation



Release



Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. **XP210FR**):

| PRODUCT | WIRE LENGTH | END FIXING |
|---------|---|------------|
| | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #555;"></div> <div style="width: 20px; height: 20px; border: 1px solid #8bc34a;"></div> <div style="width: 15px; height: 15px; background-color: #555;"></div> </div> | |

1 CHOOSE YOUR PRODUCT



HF Express
No. 1
XP1














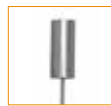











HF Express
No. 2
XP2

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 |  Stud M10 x 45 mm EF10 |  Toggle SP |  Hook EC |  Mini Hook ECS |  Cladding Hook TH |  Top Hat ED6 |
|  Eyelet EO |  90° Eyelet EO90 |  C-Clip 3 mm CC3 |  C-Clip 6 mm CC6 |  Barrel M6 ET6 |  Barrel M8 ET8 |  Channel nut ER8 |  TCW TCW |  Mag Pad EA |
|  CG CG |  DX32 DX32 |  DX22 DX22 |  QT Barrel QTB |  Ring anchor RA | | | | |

▶ Only available for HF Express No. 1 ▶ Only available for HF Express 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 for further details.

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
- Versatile and simple to use
- Strong, safe and industry approved
- Aesthetically discreet and lightweight
- 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



No. 3

90 kg
(5:1)



No. 4

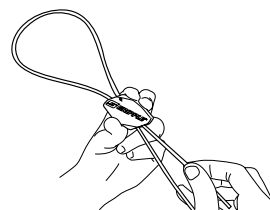
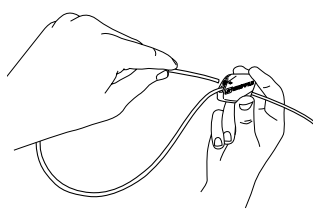
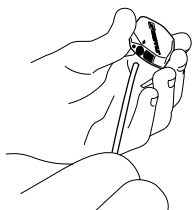
225 kg
(5:1)



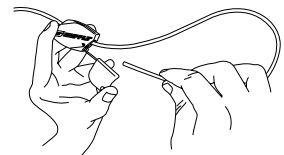
No. 5

325 kg
(5:1)

Installation



Release



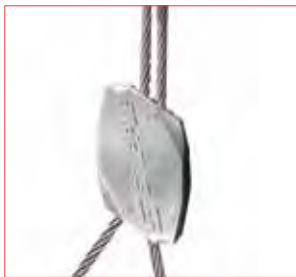
Kit Codes

How to work out your unique product code

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

| PRODUCT | WIRE LENGTH | END FIXING |
|---------|---|------------|
| | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #555;"></div> <div style="width: 20px; height: 20px; border: 1px solid #76b82a;"></div> <div style="width: 15px; height: 15px; background-color: #555;"></div> </div> | |

1 CHOOSE YOUR PRODUCT



HF Classic
No. 3
HF3



HF Classic
No. 4
HF4



HF Classic
No. 5
HF5

HF Classic No. 4 is available with Loop and M10 Stud end fixings only. HF Classic No. 5 is available with Loop end fixing only.

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 | Hook EC | Eyelet EO | 45° Eyelet EO45 | 90° Eyelet EO90 | QT Barrel QT8 |
| | | | | | | | | |
| Barrel M6** ET6 | Barrel M8 ET8 | | | | | | | |

HF Classic No. 4 is available with Loop and M10 Stud end fixings only. HF Classic No. 5 is 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.gripple.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, 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

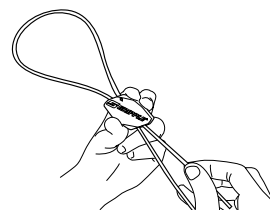
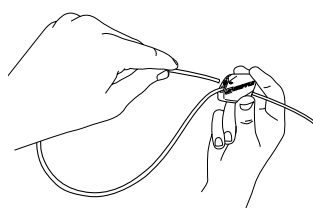
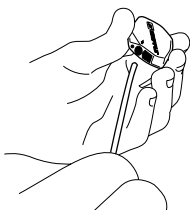


No. 2
45 kg
(5:1)

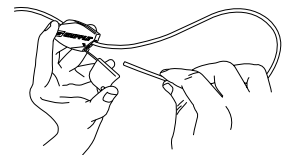


No. 3
90 kg
(5:1)

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



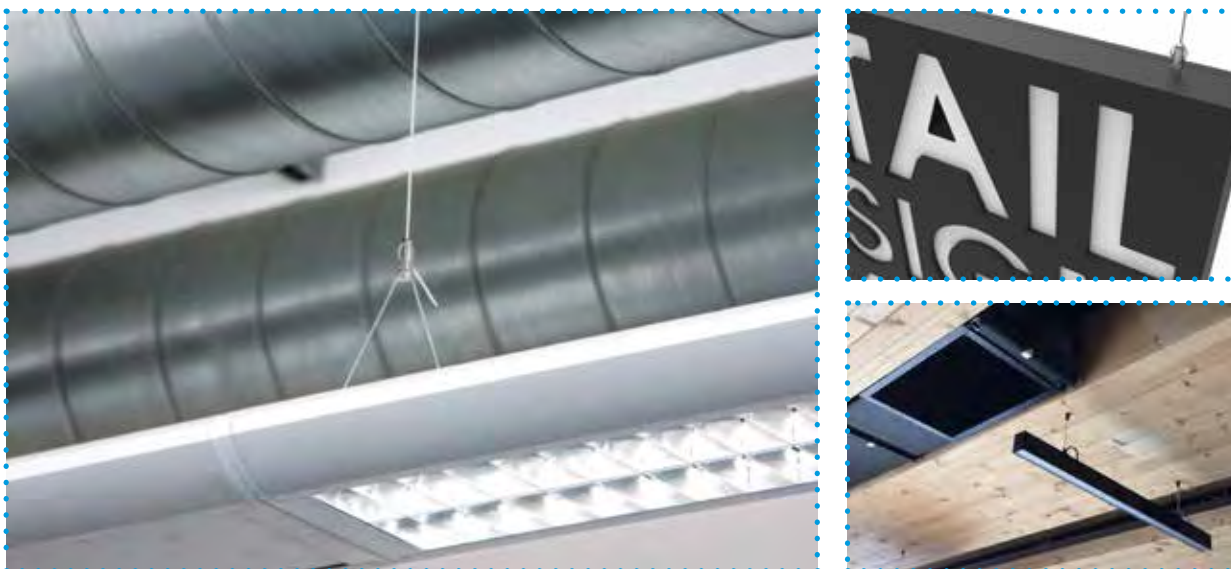
Link Hook
EM

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 for further details.

Angel

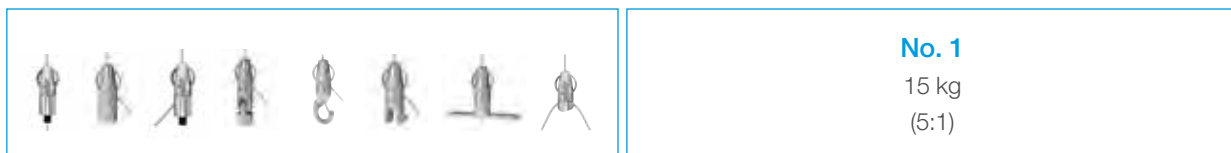
Designed for architectural lighting suspensions, signage, acoustic baffles and installations where aesthetics are important.

- Simple one handed operation for easy adjustment
- Contemporary design to complement the overall suspension
- Extensive range of end fixings allowing installation in most locations
- Variety of feet fixings to enable attachment to different fixing points
- Uses 1,5 mm wire rope to make the suspension as discreet as possible

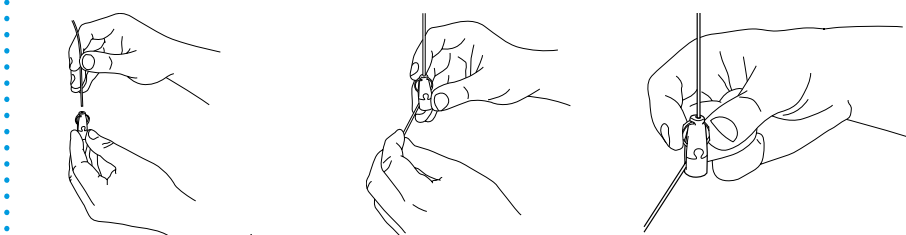


All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

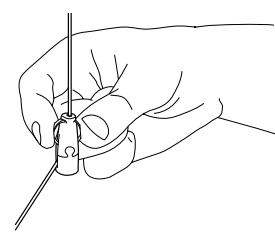
Available Sizes and Load Ratings



Installation



Release



Angel Feet

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

Central Exit

- Threaded male foot, ideal for direct attachment to light fittings
- Available in M6
- 15 mm minimum exposed thread length as standard
- Central wire exit



Side Exit Male

- Threaded male foot, ideal for direct attachment to light fittings, frames and acoustic panels
- Available in M4, M6 as standard M5, M8, M10 and M13 adaptors available
- 15 mm exposed thread length as standard
- Side wire exit



Y-Fit

- Dual fixing points for balance
- 150 and 300 leg lengths
- Available with adjustable legs length as an option
- Side wire exit



Side Exit Female

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



Disc

- Ideal for use with various lighting tracks and track hangers
- Disc diameter Ø 17,5 mm
- Side wire exit



Swivel

- Swivel feature for suspension at angles up to 90°
- Available in M4, M6, M8
- Female: M4, M6
- Male: M4, M5, M6, M8, M10, M13
- 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 5 mm clearance
- Side wire exit



Signage

- Ideal for signage up to 5 mm in thickness
- Grub screw for direct attachment
- Side wire exit



T

- Ideal for suspending signage or panels on either a rail or by screws
- Two screw holes for direct attachment
- Central wire exit



Helix & Mini Helix

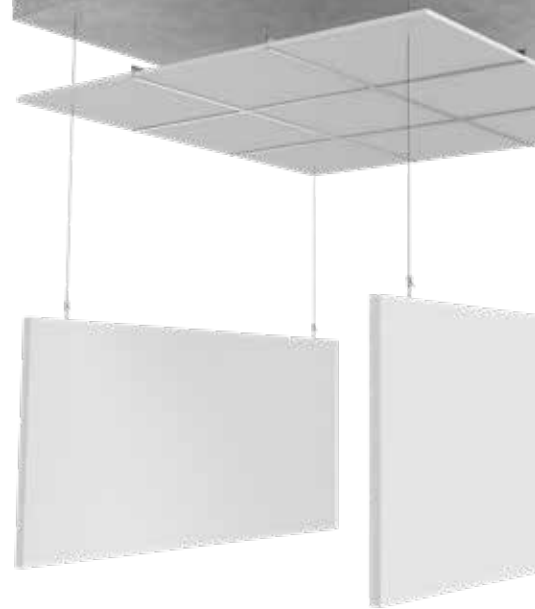
- Compatible – Ideal for use with acoustic panels made from fibreglass and dense foam
- Helix locks simply into acoustic panel using an Allen key
- Side wire exit or central wire exit with Angel Helix



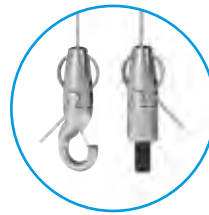
KBL Kit

The designer Gripple Range for suspending all types of acoustic panels.

- Slim-line designer hanger in bright reflective finish
- Simple one handed operation for easy adjustment
- Suitable for loads up to 15 kg
- With 5:1 safety factor
- Available with an integrated 5 mm clearance Side Hook
- 2, 4 or 6 pieces kits available



Product range



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.



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

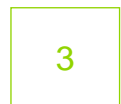
2 CHOOSE YOUR WIRE LENGTH (in meter)



1



2



3

3 CHOOSE YOUR END FIXING



Top Hat
ED6

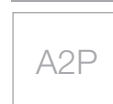


Loop
FR

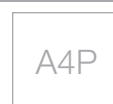


Stud
M6 x 20 mm
EF6

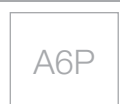
4 QUANTITY PER KIT



A2P



A4P



A6P

Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. **ALHK13FR**):

| PRODUCT | WIRE LENGTH | END FIXING |
|---------|---|------------|
| | <div style="background-color: #8bc34a; width: 10px; height: 10px; display: inline-block;"></div> <div style="background-color: #8bc34a; width: 10px; height: 10px; display: inline-block; margin-left: 5px;"></div> | |












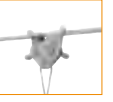

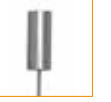



1 CHOOSE YOUR PRODUCT

| | | | | | | | | |
|---|--|---|---|--|---|---|--|--|
|  Angel Female ALSF41 ALSF61 |  Angel Hook ALHK1 |  Angel Y-Fit ALY150SP1 ALY300SP1 |  Angel Signage ALSLS1 |  Angel T ALCT1 |  Angel Disc ALSD1 |  Angel Central ALCM61 |  Angel Male ALSM41 ALSM51 ALSM61 ALSM81 ALSM101 ALSM131 |  Angel Swivel ALSWF41 ALSWF61 ALSWM41 ALSWM51 ALSWM61 ALSWM81 ALSWM101 ALSWM131 |
|  Angel Helix Side Exit ALSHX1 |  Angel Helix Central exit ALCHX1 |  Mini Helix ALSMHX1 | (e.g. ALSM41 = Ø4) | | | | | |

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 |  Toggle SP |  Hook EC |  Mini Hook ECS |  Cladding Hook TH |  Top Hat ED6 |  TCW TCW |  Mag Pad EA |
|  Eyelet EO |  90° Eyelet EO90 |  C-Clip 3 mm CC3 |  C-Clip 6 mm CC6 |  Barrel M6 ET6 |  CG CG |  DX32 DX32 |  DX22 DX22 | |

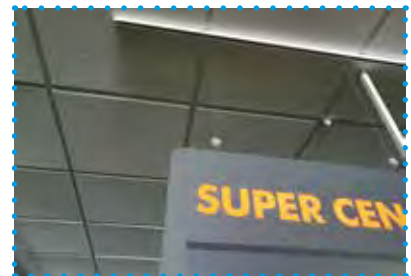
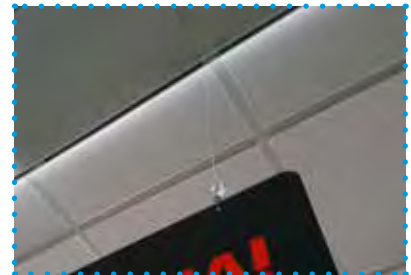
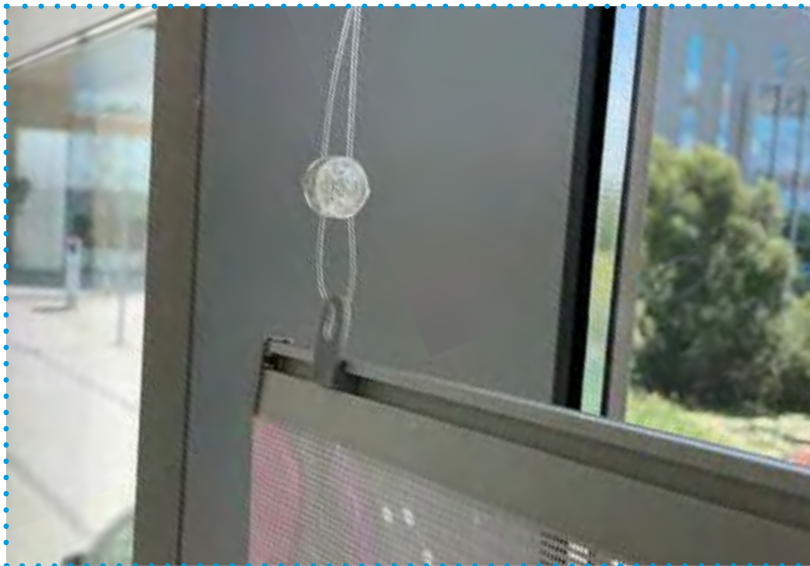
For more available End Fixings and further product information please call +33 (0)3 88 95 44 95 or visit our website www.griipple.com for further details.

InvisiGrip™



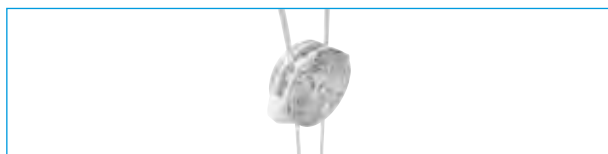
A translucent hanger solution for the discreet suspension of signage, decorations, acoustic panels, lighting and displays.

- Discreet – translucent hanger and wire ensure suspension blends into surroundings and creates illusion of ‘floating’ displays
- Versatile – ideal for retail signage, product displays, lighting, decorative features and acoustic panels
- Easy – innovative twist release mechanism allows simultaneous adjustment of products suspended and position of hanger in one movement
- Fast – install and adjust in seconds, eliminating signage rails and complex assemblies
- Ready-to-use – delivered as pre made kits of set lengths with your chosen end fixing
- Safe – 5 kg Safe Working Load with a 5:1 safety factor



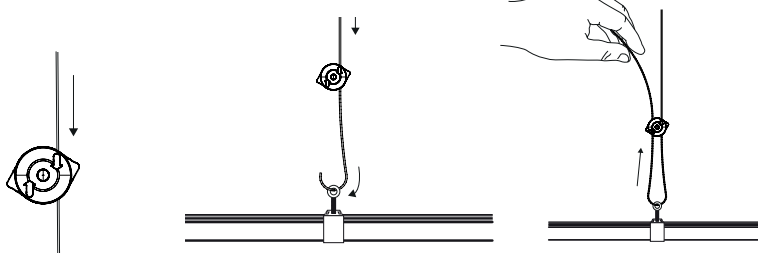
All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

Available Sizes and Load Ratings

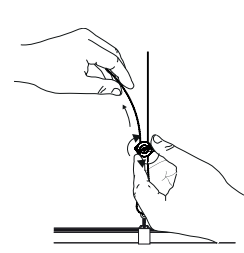


No. 1
5 kg
(5:1)

Installation



Release



Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. IG15EF6):

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

1

CHOOSE YOUR PRODUCT



InvisiGrip
N° 1
IG1

2

CHOOSE YOUR WIRE LENGTH (in meter)



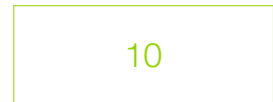
1



3



5



10

3

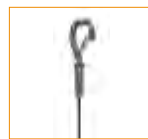
CHOOSE YOUR END FIXING



Loop
FR



Stud
M6 x 20 mm
EF6



Mini Hook
ECS



Top Hat
ED6



TCW
TCW



C-Clip 3 mm
CC3



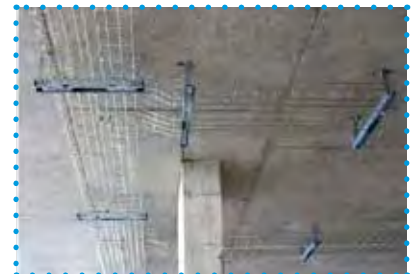
90° Eyelet
EO90

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 for further details.

Fast Trak – Universal

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 250 mm up to 1 500 mm and in vertical tracks FTT in 285, 535, 785 or 1 035 mm.

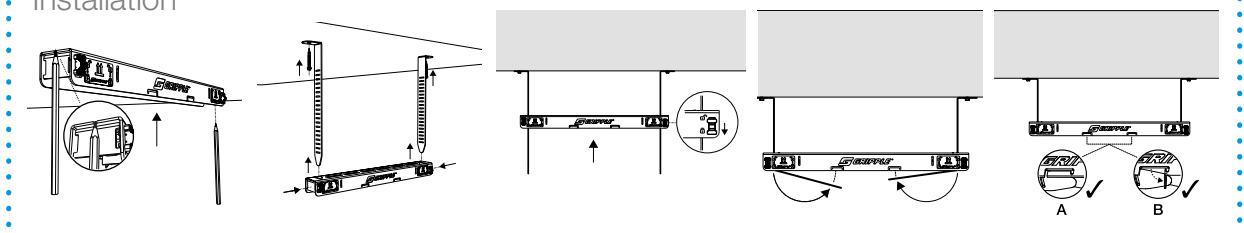
Available Bracket Sizes

| | | |
|-------------------|------------------|------------------|
| | | |
| FTB-250 – 180 kg | FTB-600 – 180 kg | FTB-1050 – 90 kg |
| FTB-350 – 180 kg | FTB-750 – 180 kg | FTB-1200 – 90 kg |
| FTB-450 – 180 kg | FTB-900 – 180 kg | FTB-1500 – 90 kg |
| Safety factor 3:1 | | |

Available Track Sizes

| | |
|-------------------|------------------|
| | |
| FTT-135 – 90 kg | FTT-785 – 90 kg |
| FTT-285 – 90 kg | FTT-1035 – 90 kg |
| FTT-535 – 90 kg | |
| Safety factor 5:1 | |

Installation



Internal applications only. Do not adjust under load. No dynamic loading.

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 250 mm up to 1 200 mm and in vertical tracks FTT in 135, 285, 535, 785 or 1 035 mm.

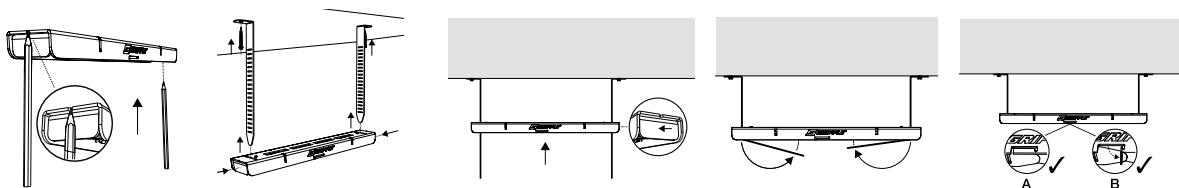
Available Bracket Sizes

| | | |
|-------------------|------------------|-------------------|
| | | |
| FTBL-250 – 180 kg | FTBL-600 – 80 kg | FTBL-1050 – 32 kg |
| FTBL-350 – 180 kg | FTBL-750 – 64 kg | FTBL-1200 – 24 kg |
| FTBL-450 – 180 kg | FTBL-900 – 48 kg | |
| Safety factor 3:1 | | |

Available Track Sizes

| | |
|-------------------|------------------|
| | |
| FTT-135 – 90 kg | FTT-785 – 90 kg |
| FTT-285 – 90 kg | FTT-1035 – 90 kg |
| FTT-535 – 90 kg | |
| Safety factor 5:1 | |

Installation



Internal applications only. Do not adjust under load. No dynamic loading.




Fast Trak – Side Loading

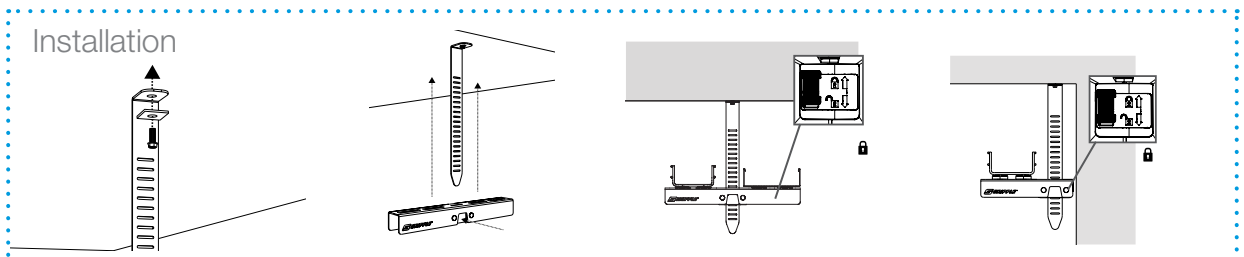
Pre-fabricated side loading bracket solution offering speed and flexibility for the installation of lightweight electrical containment, pipework and other mechanical services in restricted places.

- 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 in 135 and 235 mm.

| Available Bracket Sizes | | Available Track Sizes |
|---|--|--|
|  |  |  |
| Single Load FTBS-180 – 15 kg | Twin Load FTBT-200 – 30 kg FTBT-300 – 30 kg FTBT-400 – 30 kg | FTT-135 – 90 kg FTT-235 – 90 kg |
| Safety factor 3:1 | | Safety factor 5:1 |



Internal applications only. Do not adjust under load. No dynamic loading.





Fast Trak Kit Codes

How to select your product code:

Every Fast Trak system is composed of one bracket and two tracks for standard and low profil Fast Trak or one track for side loading Fast Trak.

- If you order a FTB-250-10P you get 10 brackets and you have to order a track code ending by 20P like FTT-285-20P or two FTT-285-10P.
- If you select a FTB-1200-5P you get 5 brackets and you have to order a track code ending by 10P like FTT-285-10P.

1 CHOOSE YOUR BRACKET

| Universal | Low Profile | Side Loading - Single | Side Loading - Twin | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|-----------------------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|--|--|------------------------|------------------------|------------------------|---------------------------|------------------------|---------------------------|------------------------|--|------------------------|--|---|------------------------|---|------------------------|------------------------|------------------------|
|  <table border="1"> <tr> <td>250 mm FTB-250-10P</td> <td>900 mm FTB-900-10P</td> </tr> <tr> <td>350 mm FTB-350-10P</td> <td>1 050 mm FTB-1050-5P</td> </tr> <tr> <td>450 mm FTB-450-10P</td> <td>1 200 mm FTB-1200-5P</td> </tr> <tr> <td>750 mm FTB-750-10P</td> <td>1 500 mm FTB-1500-5P</td> </tr> <tr> <td>600 mm FTB-600-10P</td> <td></td> </tr> </table> | 250 mm FTB-250-10P | 900 mm FTB-900-10P | 350 mm FTB-350-10P | 1 050 mm FTB-1050-5P | 450 mm FTB-450-10P | 1 200 mm FTB-1200-5P | 750 mm FTB-750-10P | 1 500 mm FTB-1500-5P | 600 mm FTB-600-10P | |  <table border="1"> <tr> <td>250 mm FTBL-250-10P</td> <td>900 mm FTBL-900-10P</td> </tr> <tr> <td>350 mm FTBL-350-10P</td> <td>1 050 mm FTBL-1050-10P</td> </tr> <tr> <td>450 mm FTBL-450-10P</td> <td>1 200 mm FTBL-1200-10P</td> </tr> <tr> <td>600 mm FTBL-600-10P</td> <td></td> </tr> <tr> <td>750 mm FTBL-750-10P</td> <td></td> </tr> </table> | 250 mm FTBL-250-10P | 900 mm FTBL-900-10P | 350 mm FTBL-350-10P | 1 050 mm FTBL-1050-10P | 450 mm FTBL-450-10P | 1 200 mm FTBL-1200-10P | 600 mm FTBL-600-10P | | 750 mm FTBL-750-10P | |  <table border="1"> <tr> <td>180 mm FTBS-180-20P</td> </tr> </table> | 180 mm FTBS-180-20P |  <table border="1"> <tr> <td>200 mm FTBT-200-20P</td> </tr> <tr> <td>300 mm FTBT-300-10P</td> </tr> <tr> <td>400 mm FTBT-400-10P</td> </tr> </table> | 200 mm FTBT-200-20P | 300 mm FTBT-300-10P | 400 mm FTBT-400-10P |
| 250 mm FTB-250-10P | 900 mm FTB-900-10P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350 mm FTB-350-10P | 1 050 mm FTB-1050-5P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 mm FTB-450-10P | 1 200 mm FTB-1200-5P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 750 mm FTB-750-10P | 1 500 mm FTB-1500-5P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 600 mm FTB-600-10P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 mm FTBL-250-10P | 900 mm FTBL-900-10P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350 mm FTBL-350-10P | 1 050 mm FTBL-1050-10P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 mm FTBL-450-10P | 1 200 mm FTBL-1200-10P | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 600 mm FTBL-600-10P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 750 mm FTBL-750-10P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 mm FTBS-180-20P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200 mm FTBT-200-20P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 mm FTBT-300-10P | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400 mm FTBT-400-10P | | | | | | | | | | | | | | | | | | | | | | | | | | | |


2 CHOOSE YOUR TRACK LENGTH



| | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|
| 135 mm FTT-135-20P | 285 mm FTT-285-20P | 535 mm FTT-535-20P | 785 mm FTT-785-20P | 1 035 mm FTT-1035-20P |
| 135 mm FTT-135-10P | 285 mm FTT-285-10P | 535 mm FTT-535-10P | 785 mm FTT-785-10P | 1 035 mm FTT-1035-10P |

Not to be used with Side Loading Fast Trak brackets.

3 CHOOSE YOUR ACCESSORIES

| | | | | | | |
|---|---|---|---|---|--|---|
|  <p>Fast Trak – J-Hook FTJH2IN Page 50</p> |  <p>QT Clamp GC2T400A Page 101</p> |  <p>QT Compact Clamp GC2C400A Page 101</p> |  <p>CT Clip CTC2100P Page 99</p> |  <p>CB Clip CBC4100P CBC5100P Page 99</p> |  <p>VDP – Vibration Dampener VDP100 Page 99</p> |  <p>Fast Trak – Bracket Cover FTBC1110G Page 103</p> |
|---|---|---|---|---|--|---|

Fast Trak – J-Hook

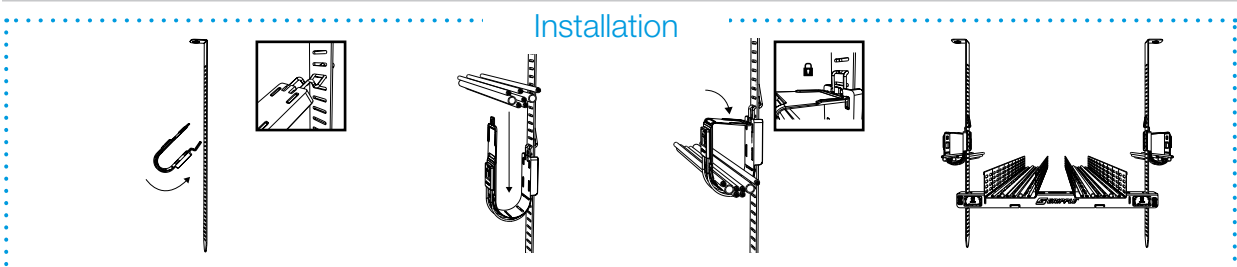


The J-Hook is used in conjunction with the Fast Trak tracks to support all types of data cables, VRF and condensate pipes.

- 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 |



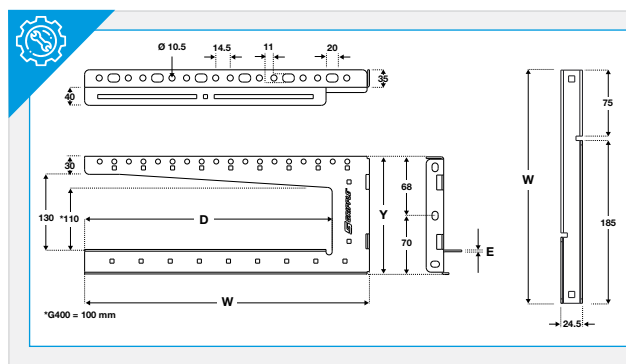
G-Bracket

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 | 30 | 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



Back to back



With G-Spacer



With UniGrip - Y-Fit

UniGrip

The next generation of wire rope suspension products designed for the fast suspension of cable containment, pipework, ductwork, HVAC systems and 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 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
- Strong – highest load rating capability to date; up to 250 kg with 5:1 SWL



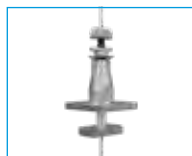
All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

Available Sizes and Load Ratings



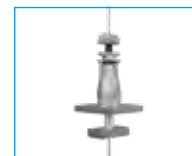
No.2

55 kg
(5:1)



No. 3

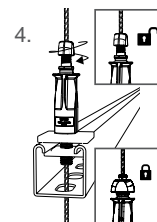
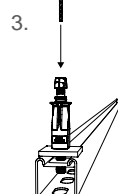
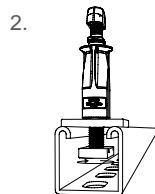
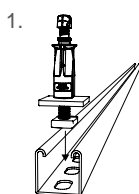
110 kg
(5:1)



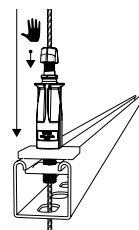
No. 4

250 kg
(5:1)

Installation



Release



UniGrip Feet

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

Standard

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



QT

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



Central Exit

- Designed for services suspended with channel
- Supplied with either a square washer and channel nut or hex nut
- 20 mm male thread for mechanical fixing
- Thread sizes - M8 (UniGrip No. 2), M10 (UniGrip No. 3) and M12 (UniGrip No. 4)
- Central wire exit



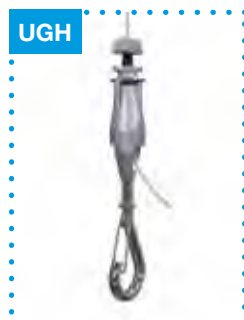
Side Exit

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



Hook

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



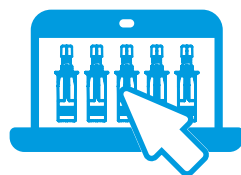
Y-Fit

- 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



PA

- Ideal for Phenolic & PIR fabricated ductwork
- Push-fit directly into the underside of the duct. Fast, tool free insertion with less time at height
- Central wire exit

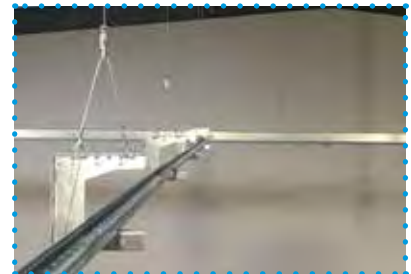


www.gripple.com/unigrip

UniGrip – Y-Fit

The UniGrip – Y-Fit is a wire rope suspension product designed for the fast suspension of cable containment or lighting.

- Quick – up to 6 times faster than traditional suspension systems
- Versatile – designed for lighting or containmen, dual fixing points for balance
- 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 – legs length available in 150, 300 and 500 mm with a variety of wire end fixings eg. Toggle, Hook etc.
- Strong – highest load rating capability to date; up to 110 kg with 5:1 SWL



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

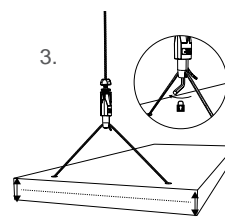
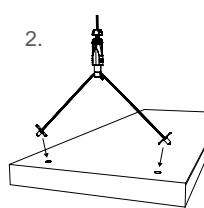
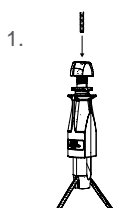
55 kg
(5:1)



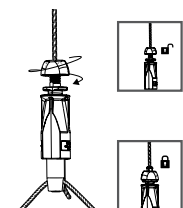
No. 3

110 kg
(5:1)

Installation



Release



Kit Codes

How to work out your unique product code

















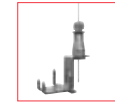
Enter your unique product code (e.g. **UGR210FR**):

| PRODUCT | WIRE LENGTH | END FIXING |
|---------|-------------|------------|
| | | |

For Y-Fit kit codes enter your unique product code (e.g. **UGY21FR300EC**):

| PRODUCT | WIRE LENGTH | END FIXING | LEG LENGTH | LEG END FIXING |
|---------|-------------|------------|------------|----------------|
| | | | | |

1 CHOOSE YOUR PRODUCT







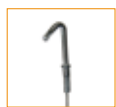







| | | | | | | | | |
|--|--|--|---|---|---|--|---|---|
|  UniGrip – Central Exit No. 2 UGR2 |  UniGrip – Central Exit No. 3 UGR3 |  UniGrip – Central Exit No. 4 UGR4 |  UniGrip – Side Exit No. 2 (M6 x 20 mm) UGS62 |  UniGrip – Side Exit No. 3 (M6 x 30 mm) UGS63 |  UniGrip – Side Exit No. 2 (M8 x 25 mm) UGS82 |  UniGrip – Side Exit No. 3 (M8 x 35 mm) UGS83 |  UniGrip – Standard No. 2 UG2 |  UniGrip – Standard No. 3 UG3 |
|  UniGrip – Hook No. 2 UGH2 |  UniGrip – Calibra No. 2 UGC2 |  UniGrip – Y-Fit No. 2 UGY2 |  UniGrip – Y-Fit No. 3 UGY3 |  UniGrip – QT No. 2 UGT2 |  UniGrip – QT No. 3 UGT3 |  UniGrip – CBA No. 2 UGCBA2 |  UniGrip – PA No. 2 UGP2 | |

 UniGrip – Central Exit No. 4 is available with Loop and M10 Stud end fixings only.

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 |  Stud M10 x 45 mm EF10 |  Toggle SP |  Hook EC |  Cladding Hook TH |  Eyelet EO |  90° Eyelet EO90 |
|  C-Clip 6 mm CC6 |  Barrel M6 ET6 |  Barrel M8 ET8 |  Channel nut ER8 |  QT Barrel QTB | | | | |

 Available with No.2 UniGrip size only.  UniGrip – Central Exit No. 4 is available with Loop and M10 Stud end fixings only.

Available for UniGrip – Y-Fit only

| | | | | | | | | | | |
|---|------------|-----|-----|-----|---|----------------|----|----|----|----|
| 4 | LEG LENGTH | 150 | 300 | 500 | 5 | LEG END FIXING | EC | EM | CT | SP |
|---|------------|-----|-----|-----|---|----------------|----|----|----|----|

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
- Sizes available; No. 3 with a choice M8 thread load rated at 90 kg with a 3:1 safety factor

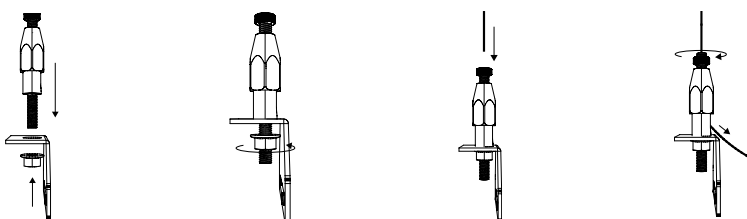


All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

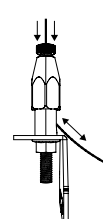
Available Sizes and Load Ratings

| | |
|---|---|
|  | <p>No. 3 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
N° 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 for further details.

Trapeze TPZGR & TPZPL

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

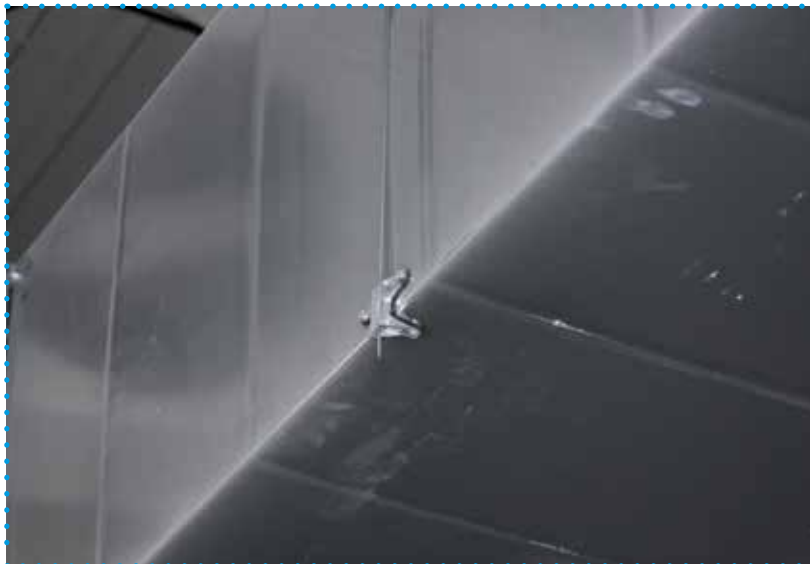
- Eliminates channel support
- Suitable for ducting made from 0,6 - 1,5 mm gauge steel
- Spreads the load across fixing points, for self-drilling screws or pop rivets (not provided)
- Rubber pad prevents air leakage and dampens vibration
- Conforms to EN 1507 class C
- Pin allows rapid adjustment
- Can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



Trapeze TPZGR



Trapeze TPZPL

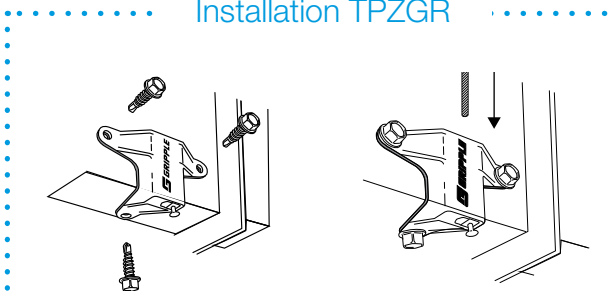


All hangers are supplied as ready-to-use kits with a length of wire rope and end fixing of your choice.

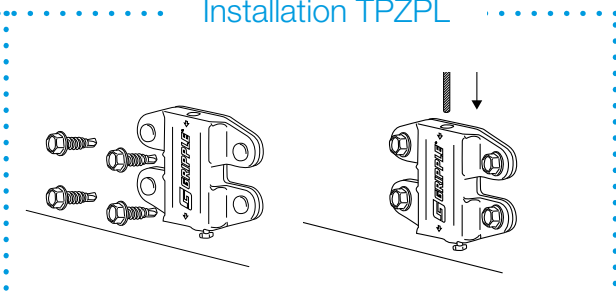
Available Sizes and Load Ratings

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

Installation TPZGR



Installation TPZPL



Screws are not supplied.

Kit Codes

How to work out your unique product code

Enter your unique product code (e.g. **TPZGR23FR**):

| PRODUCT | WIRE LENGTH | END FIXING |
|---------|--|------------|
| | <div style="background-color: #8bc34a; width: 10px; height: 10px; display: inline-block;"></div> <div style="border: 1px solid #8bc34a; width: 20px; height: 20px; display: inline-block;"></div> <div style="background-color: #8bc34a; width: 10px; height: 10px; display: inline-block;"></div> | |

1 CHOOSE YOUR PRODUCT



Trapeze TPZGR

TPZGR2














Trapeze TPZPL

TPZPL2

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 |  Stud M10 x 45 mm EF10 |  Toggle SP |  Hook EC |  Cladding Hook* TH |  Eyelet EO |  90° Eyelet EO90 |
|  C-Clip 6 mm* CC6 |  Barrel M6* ET6 |  Barrel M8 ET8 |  Channel nut ER8 |  QT Barrel QTB | | | | |

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 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



No. 2
 45 kg
 (3:1)



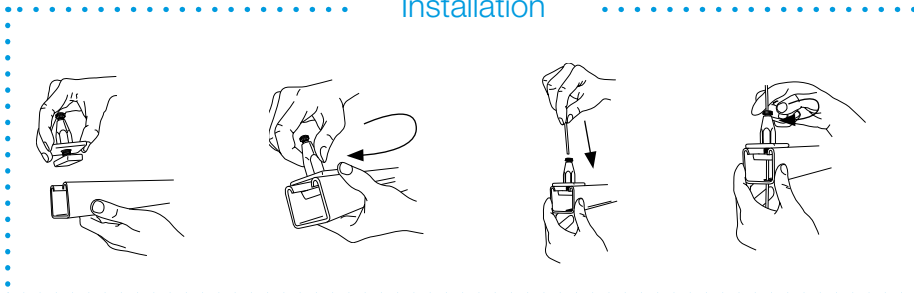
No. 3
 90 kg
 (3:1)



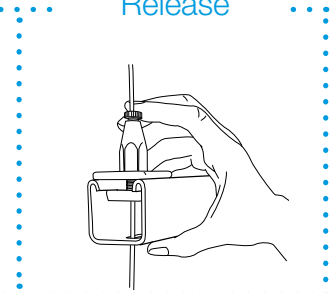
No. 4
 225 kg
 (3:1)

Load ratings given are based on ambient operating temperatures (-20°C to +60°C)
 Please see page 62 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



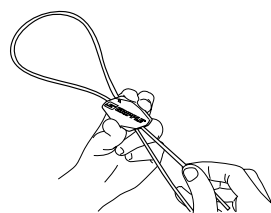
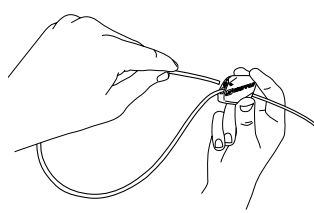
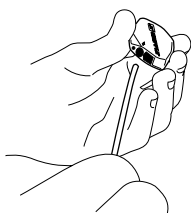
No. 2
45 kg
(5:1)



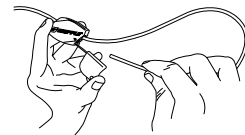
No. 3
90 kg
(5:1)

Load ratings given are based on ambient operating temperatures (-20°C to +60°C)
Please see page 62 for load ratings in a fire situation

Installation



Release



Fire Rated Product Matrix

| Test Duration | 3rd Party Fire Tested to BS 476 (ISO 843) Fire Curve Temperatures | | | |
|---|--|------------------|------------------|--------------------|
| | 30 mins (F30) | 60 mins (F60) | 90 mins (F90) | 120 mins (F120) |
| Temperature | 842°C | 945°C | 1006°C | 1049°C |
| Gripple Fire Rated Hangers | | | | |
| HF Classic RF No. 2 | 15 kg | 7.5 kg | 2.5 kg | 2.5 kg |
| HF Classic RF No. 3 | 45 kg | 20 kg | 10 kg | 10 kg |
| Gripple RF Y-Fit Accessories | | | | |
| Y-Fit Accessory No. 2 – Hook End Fixing | 15 kg | *5 kg | 2.5 kg | 2.5 kg |
| Y-Fit Accessory No. 3 – Hook End Fixing | 45 kg | 20 kg | 10 kg | *7.5 kg |
| Y-Fit Accessory No. 2 – Karabiner End Fixing (GRIPKARA8I) | 15 kg | 7.5 kg | 2.5 kg | – |
| Y-Fit Accessory No. 3 – Karabiner End Fixing (GRIPKARA8I) | 25 kg | 20 kg | 10 kg | – |
| Gripple Trapeze Plus RF Hangers | | | | |
| Trapeze Plus RF No. 2 | 15 kg | 7.5 kg | 2.5 kg | 2.5 kg |
| Trapeze Plus RF No. 3 | 45 kg | 20 kg | 10 kg | 10 kg |
| Trapeze Plus RF No. 4 | 100 kg | 50 kg | 25 kg | 25 kg |
| Gripple Trapeze Plus RF Hangers - Side Exit | | | | |
| Trapeze Plus RF No. 2 – Side Exit | 15 kg | 7.5 kg | 2.5 kg | – |
| Trapeze Plus RF No. 3 – Side Exit | 45 kg | 20 kg | 10 kg | – |
| Gripple Universal Brackets** | | | | |
| All sizes PB240 - PB1540 | 90 kg | 90 kg | 45 kg | 45 kg |
| Gripple Low Profile Brackets** | | | | |
| All sizes LPB180 - LPB1550 | 90 kg | 45 kg | 45 kg | 45 kg |
| Gripple G-Brackets | | | | |
| G100 | 30 kg | 30 kg | 15 kg | – |
| G200 | 30 kg | 30 kg | 15 kg | – |
| G300 | 30 kg | 15 kg | 15 kg | – |
| G400 | 30 kg | 15 kg | 15 kg | – |
| Gripple Fast Trak Range** | | | | |
| All sizes: FTB250 - FTB1500 | 90 kg | 45 kg | 45 kg | 45 kg |

| | Loop | M8 Stud | M10 Stud | Eyelet | 90° Eyelet | Toggle |
|--|------|---------|----------|--------|------------|--------|
| Gripple Fire Rated Hangers | | | | | | |
| HF Classic RF No. 2 | ■ | ■ | – | – | – | o |
| HF Classic RF No. 3 | ■ | ■ | – | – | – | o |
| Gripple Trapeze Plus RF Hangers | | | | | | |
| Trapeze Plus RF No. 2 | ■ | ■ | – | ■ | ■ | o |
| Trapeze Plus RF No. 3 | ■ | ■ | – | o | o | o |
| Trapeze Plus RF No. 4 | – | – | ■ | – | – | o |
| Gripple Trapeze Plus RF Hangers - Side Exit | | | | | | |
| Trapeze Plus RF - Side Exit - No. 2 | ■ | ■ | – | – | – | o |
| Trapeze Plus RF - Side Exit - No. 3 | ■ | ■ | – | – | – | o |

| Key | |
|-----|----------------------------------|
| – | End Fixing unavailable |
| ■ | F30, F60, F90 and F120 available |
| o | F30, F60, F90 and only |

Notes

EN 1363-1:2012, 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 Universal Bracket, Low Profile Bracket and Fast Trak loading values are for uniformly distributed load (UDL)

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



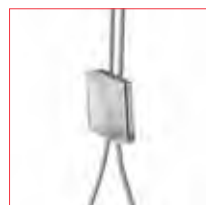
Trapeze Plus RF
No. 3

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



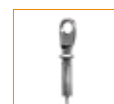
Stud
M8 x 45 mm
EF8



Stud
M10 x 45 mm
EF10



Toggle
SP



Eyelet
EO



Eyelet 90°
EO90

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 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)

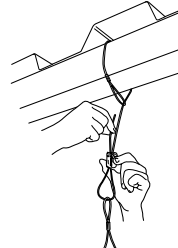
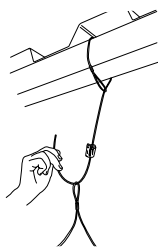
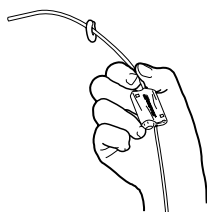


No. 2
45 kg
(5:1)

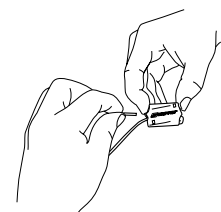


No. 3
90 kg
(5:1)

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

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.

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 for further details.

CTI Kit (indoor)

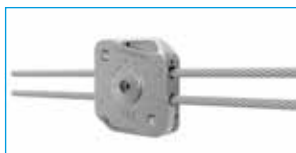
CTI kit creates secure, overhead spans by running high strength wire rope between two fixing points. Ideal for applications where no direct vertical anchor point is available.

- 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

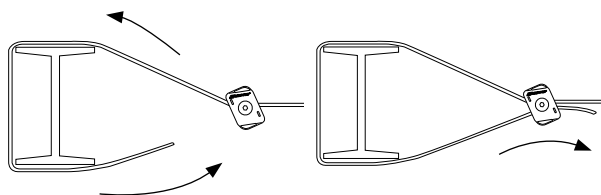
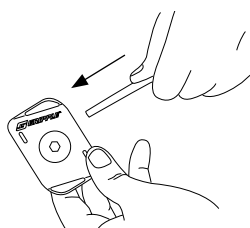


CT13
30 kg
(5:1)

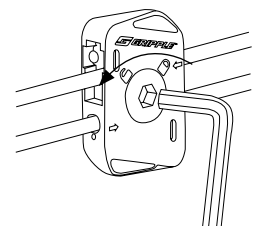


CT16
100 kg
(5:1)

Installation



Release



Kit Codes

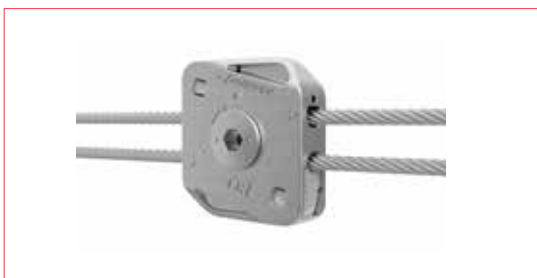
How to work out your unique product code

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 | 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



GRIPPROFILI613

For further product information please call +33 (0)3 88 95 44 95 or visit our website 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



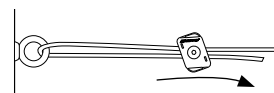
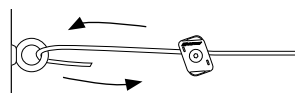
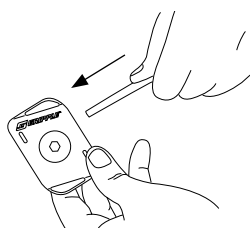
Supplied as ready-to-use kits, including galvanised wire rope cut to bespoke lengths, a hex locking and a release key.

Available Sizes and Load Ratings

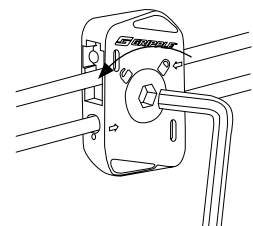


EP6
100 kg
(5:1)

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"/> 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

Wall Bracket is available to complement the EP Kit using the code below:



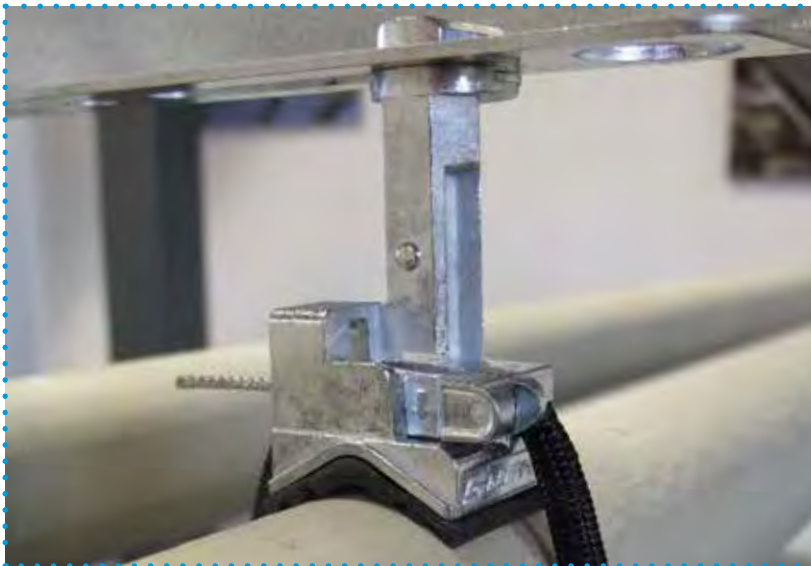
PLAT100

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

PB Kit

The PB Kits come in a DIY kit with quarter turn Twist clamps QT for quick and easy support of pipework within mechanical and plumbing services.

- Up to 6 times faster
- Supplied in kit to assemble by yourself
- Versatile, can be bolted directly to soffit or wall, or suspended at a length from the soffit
- Saves labour time - Eliminates the need for cutting channel on site, allowing more productive use of labour
No tools or “Hot Works” permit required for installation
- Compatible - Integrates with UniGrip – QT

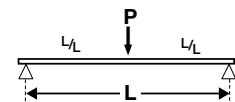


Supplied in ready-to-use kits with PB Bracket sizes 240, 340, 640, 1 040, 1 240 and 1 540 mm.

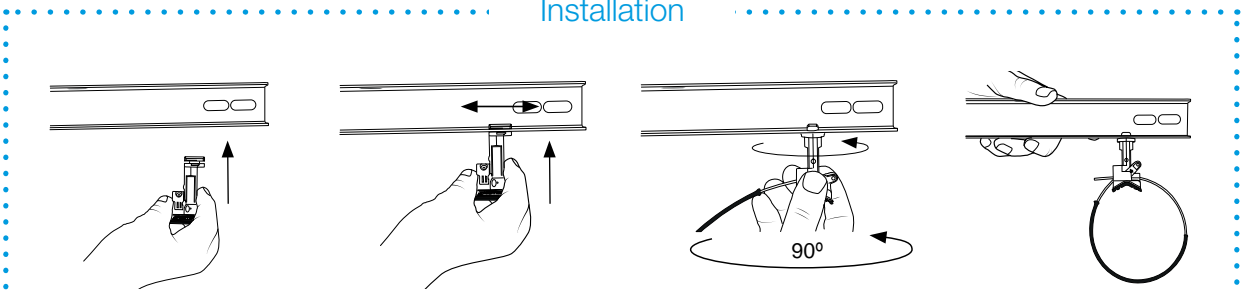
Available Sizes and Load Ratings



P = 75 kg



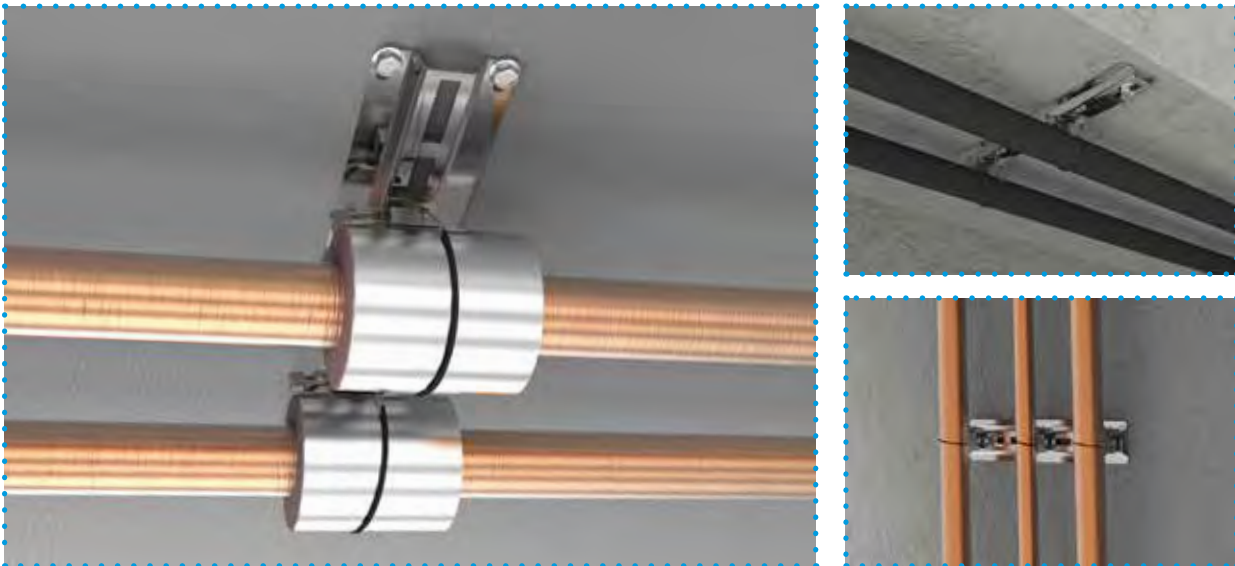
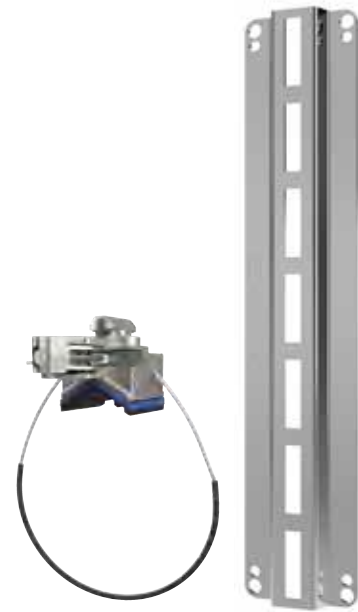
Installation



LPB Kit

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 Øext. 17 mm to Øext. 89 mm
- Improves health and safety – No tools or “Hot Works” permit required for installation

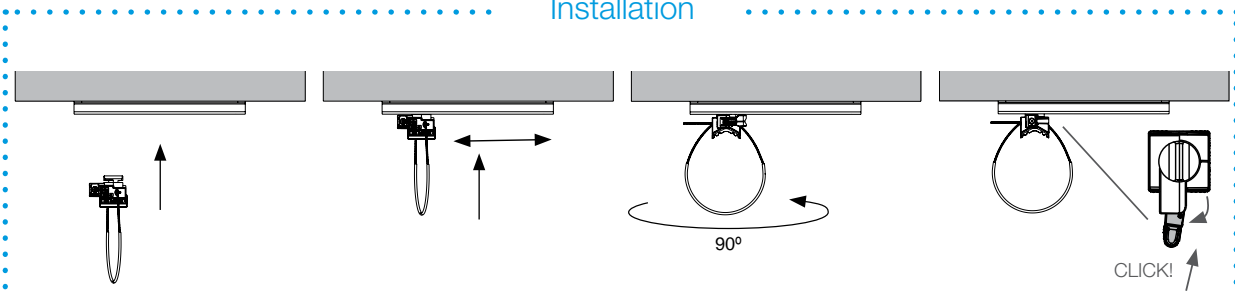


Supplied in ready-to-use kits with LPB Bracket sizes 180, 350, 650, 950 and 1 250 mm.

Available Sizes and Load Ratings

| | |
|--|-------------------------|
| | <p>P = 75 kg</p> |
|--|-------------------------|

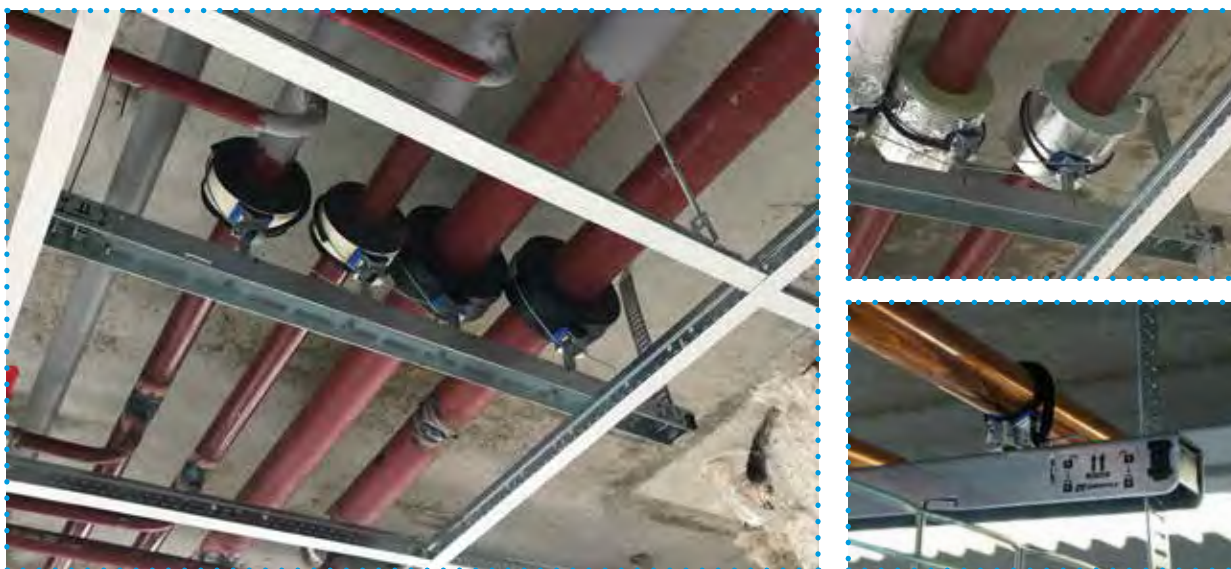
Installation



PFT Kit


Pre-fabricated, trapeze bracket solution offering speed, flexibility and efficient use of space, for the installation of pipework in restricted places.

- Quick – up to six times faster to install than traditional suspension systems
- Suitable for pipe sizes Øext. 17 mm to Øext. 89 mm
- 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

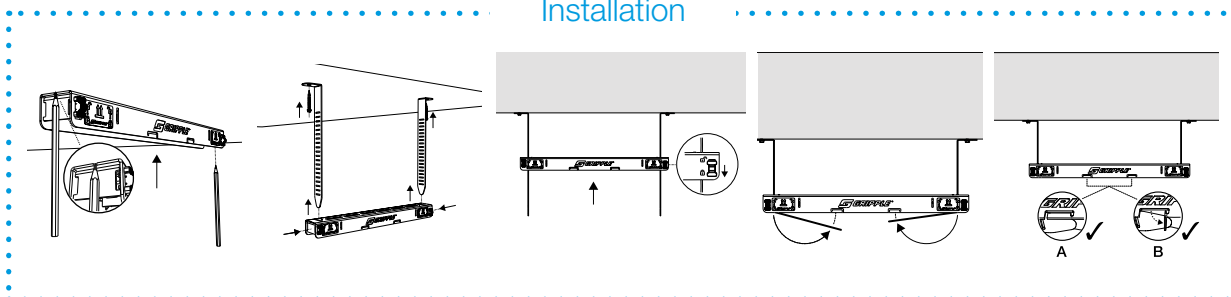


Available in FTB bracket length from 250 mm up to 1 500 mm and in vertical tracks FTT in 285, 535, 785 or 1 035 mm.

Available Sizes and Load Ratings

| | |
|---|--|
|  | <p>PFT Kit 180 kg (3:1)</p> |
|---|--|

Installation



Kit Codes

How to work out your unique product code.

Enter your unique product code (e.g. PFT45A3QT400):

| | | | | | | |
|---------|---|----------------|---|---------------|---|------------------|
| BRACKET | | CLAMP QUANTITY | | TYPE OF CLAMP | | WIRE LENGTH (MM) |
| | - | | - | | - | |

1 CHOOSE YOUR BRACKET

| | |
|---|---|
| KIT PB PIPE BRACKET | KIT LPB LOW PIPE BRACKET |
| <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">240 mm PB24</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">340 mm PB34</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">640 mm PB64</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">1 040 mm PB104</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">1 240 mm PB124</div> | <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">180 mm LPB18</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">350 mm LPB35</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">650 mm LPB65</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">950 mm LPB95</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">1 200 mm LPB120</div> <div style="border: 1px solid #e91e63; padding: 2px; text-align: center;">1 250 mm LPB125</div> |

| | | | | | | | | | |
|-------------------------------|--------------------|--------------------|--------------------|-----------------|-------------------------------|-------------|-------------|-------------|---------------|
| KIT PFT | | | | | | | | | |
| HORIZONTAL BRACKETS (PFT) | | | | | VERTICAL TRACKS (FOR PFT) | | | | |
| 250 mm PFT25 | 350 mm PFT35 | 450 mm PFT45 | 600 mm PFT60 | 750 mm PFT75 | + | 285 mm A | 535 mm B | 785 mm C | 1 035 mm D |
| 900 mm PFT90 | 1 050 mm PFT105 | 1 200 mm PFT120 | 1 500 mm PFT150 | | | | | | |

2 CHOOSE YOUR CLAMP QUANTITY

| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|

3 CHOOSE YOUR TYPE OF CLAMP

| | | |
|---|--|---|
| | | |
| QT Universal Clamp QT | QT Compact Clamp QTC | QTH Universal Clamp QTH |

4 WIRE LENGTH (MM)

| | |
|-----|------|
| 400 | 600L |
|-----|------|

CRUFLEX & CRUPHEN

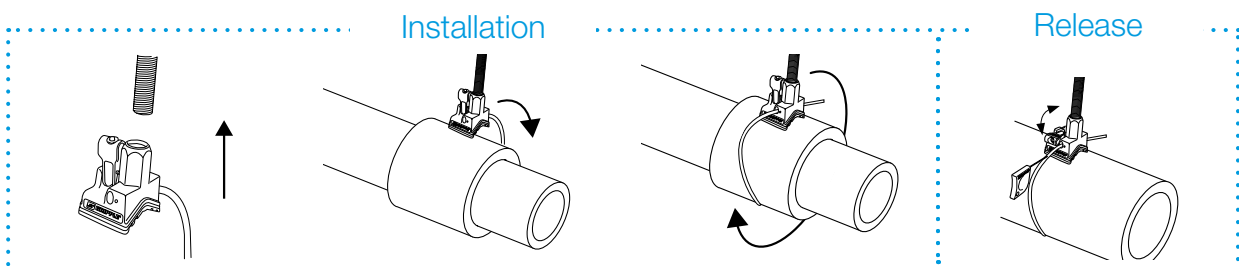
The CRUFLEX and CRUPHEN pipe support systems provide rapid installation, ensuring insulation continuity without the conventional associated thermal breaks.

- 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

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




Kit Codes

CRUFLEX

| CRUFLEX | Product codes | OD | NPS | ND |
|---|-------------------|------|--------|----|
| | | mm | in | mm |
|  <p>For hot, cold water and air conditioning pipes</p> | GC214EXXCF | 13,5 | 1/4 | 8 |
| | GC217EXXCF | 17,2 | 3/8 | 10 |
| | GC221EXXCF | 21,3 | 1/2" | 15 |
| | GC227EXXCF | 26,9 | 3/4" | 20 |
| | GC234EXXCF | 33,7 | 1" | 25 |
| | GC242EXXCF | 42,4 | 1 1/4" | 32 |
| | GC249EXXCF | 48,3 | 1 1/2" | 40 |
| | GC254EXXCF | 54 | 2 1/8" | - |
| | GC260EXXCF | 60,3 | 2" | 50 |
| | GC264EXXCF | 64 | 2 1/2" | - |
| | GC276EXXCF | 76,1 | 2 1/2" | 65 |
| | GC289EXXCF | 88,9 | 3" | 80 |

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 | NPS | ND |
|--|-------------------|------|--------|----|
| | | mm | in | mm |
|  <p>For chilled water pipes</p> | GC214EXXCP | 13,5 | 1/4 | 8 |
| | GC217EXXCP | 17,2 | 3/8 | 10 |
| | GC221EXXCP | 21,3 | 1/2" | 15 |
| | GC227EXXCP | 26,9 | 3/4" | 20 |
| | GC234EXXCP | 33,7 | 1" | 25 |
| | GC242EXXCP | 42,4 | 1 1/4" | 32 |
| | GC249EXXCP | 48,3 | 1 1/2" | 40 |
| | GC254EXXCP | 54 | 2 1/8" | - |
| | GC260EXXCP | 60,3 | 2" | 50 |
| | GC267EXXCP | 66,7 | - | - |
| | GC276EXXCP | 76,1 | 2 1/2" | 65 |
| | GC289EXXCP | 88,9 | 3" | 80 |

XX = refers to insulation thickness, options are 15, 20, 25, 30, 40 or 50 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 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: GC2M400A

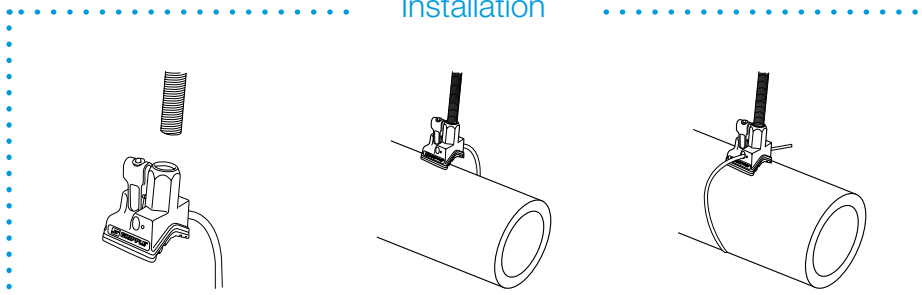


Large
18 dBA reduction
Ref: GC2M600AL

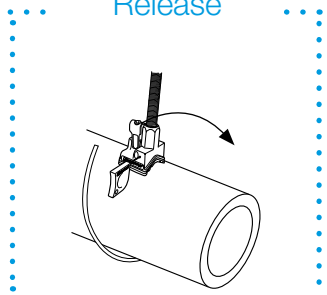


Acoustic
23 dBA reduction
Ref: GC2M400D

Installation



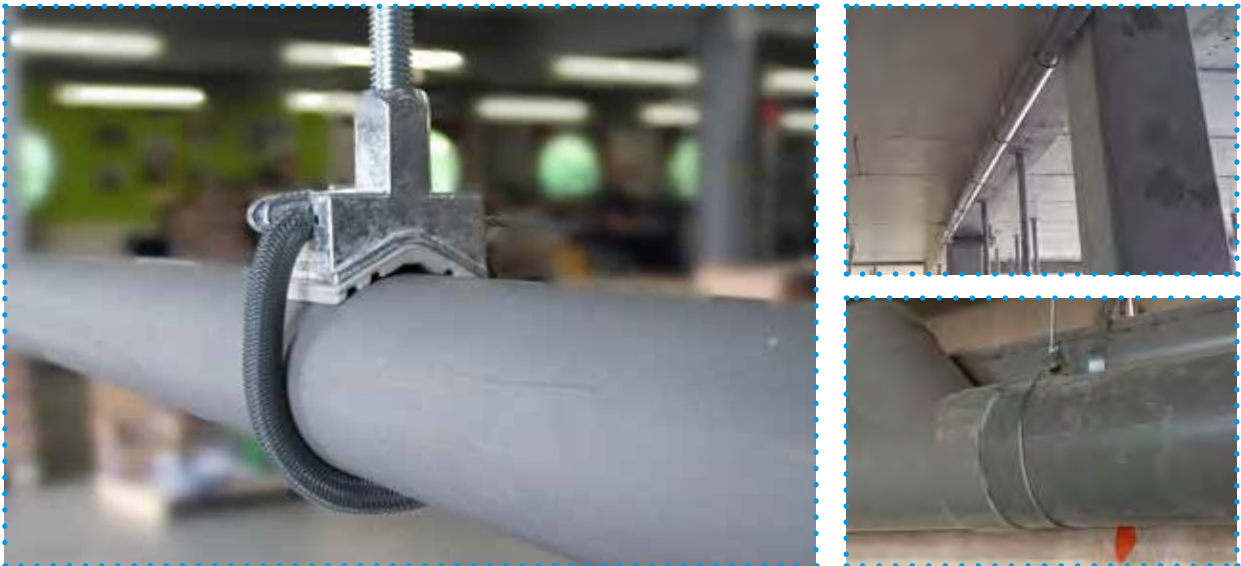
Release



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.

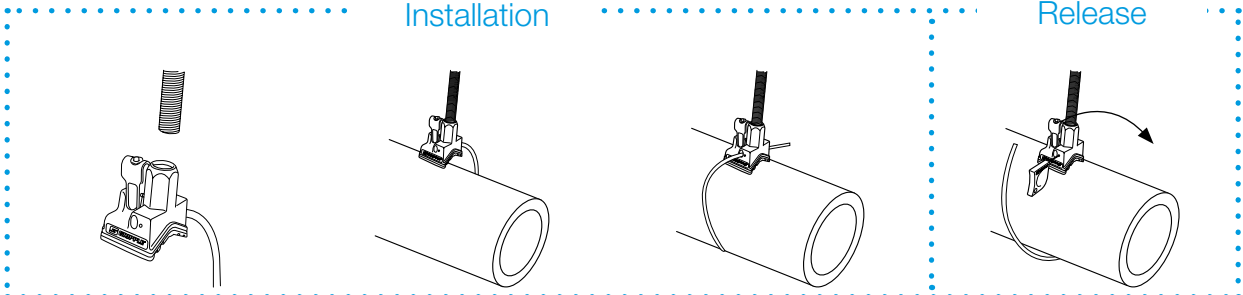
- Fast: 4 times faster than traditional pipe rings
- Universal: for PE, PP and PVC pipe sizes from Ø 25 to Ø 200
- Versatile: replaces more than 11 different sizes of pipe ring
- Flexible: simplifies take off process
- Easy site storage, reduces waste
- Vibration reduction (conforms to the DIN 4109)
- 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>Standard 14 dBA reduction</p> <p>Ref: GC2M800E</p> |  | <p>Large 18 dBA reduction</p> <p>Ref: GC2M1200EL</p> |
|---|--|--|---|

Installation



Release

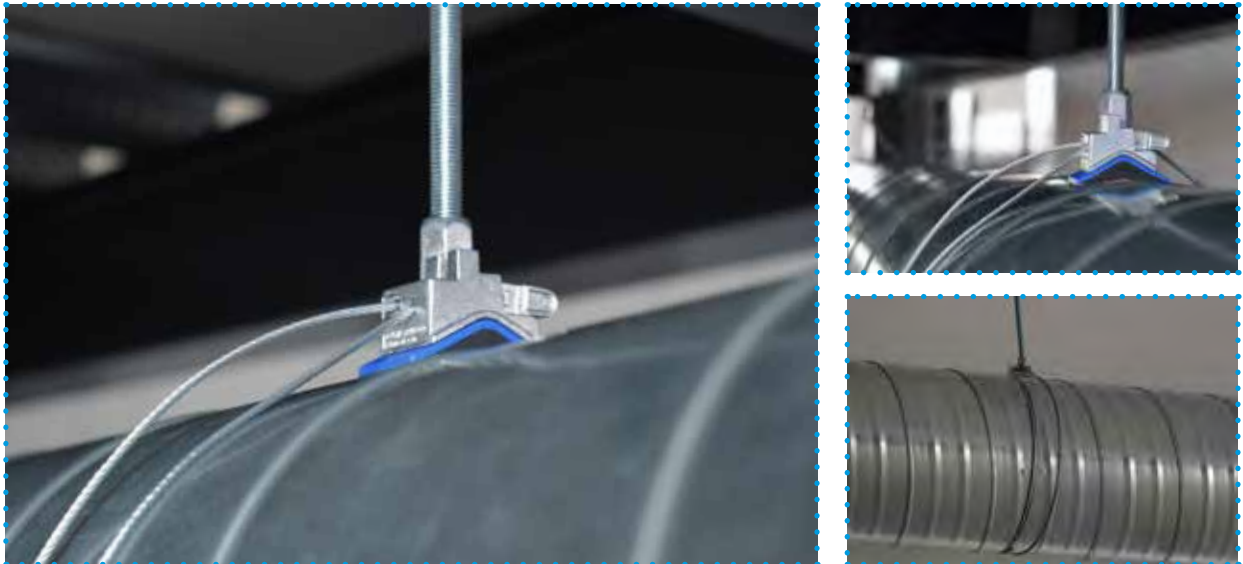
Universal Clamp Ductwork

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

- Up to 6 times faster than traditional methods
- Replaces more than 13 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



✓ TESTED ACCORDING TO
DIN 4109



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



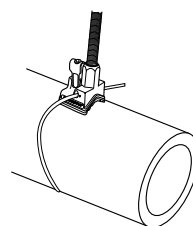
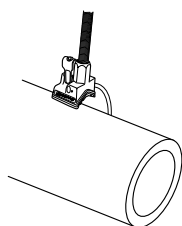
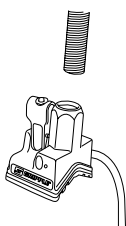
Large

Ref: GC2V1500L
(Ø 80 to Ø 355 mm)

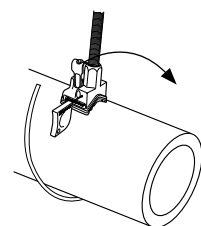
Large

Ref : GC2V2500L
(Ø 400 to Ø 710 mm)

Installation



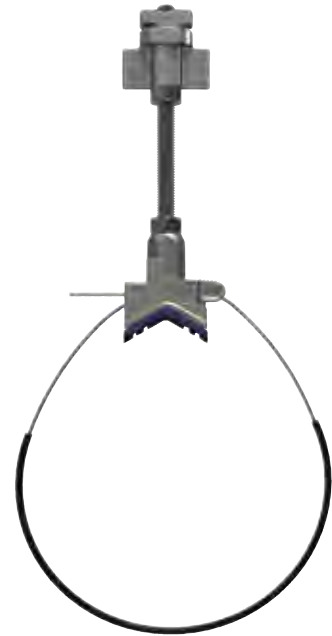
Release



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

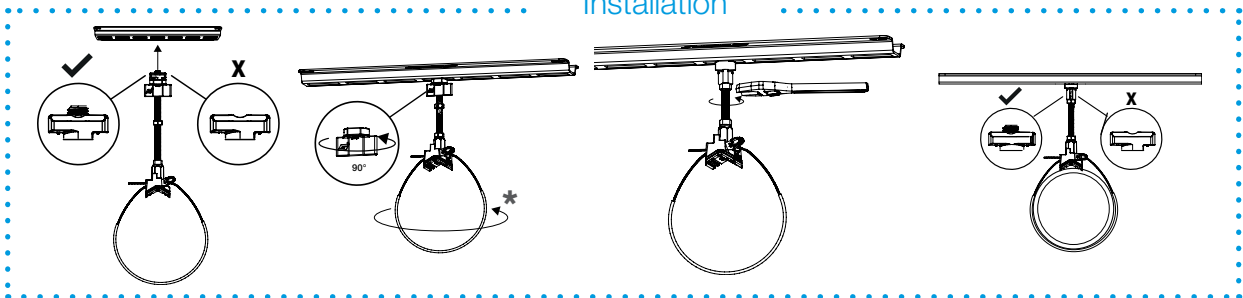


Large
18 dBA reduction
Ref: GC2H600AL



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 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)
- OSHPD OPA 2123-10 approval (GS10, GS12, and GS19 systems)



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*) | 158 kg | 476 kg | 952 kg | 1 746 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 |
|------------------------|-----------------|-----------------|-----------------|-------------------------------------|-------------------|
| GS10 158 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 |
| GS12 476 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 |
| GS19 952 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 | |
| GS25 1746 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 | |



S GRIPPLE



End Fixings

| | |
|--------------------------------------|---------|
| Loop & Stud | page 84 |
| Toggle & Cladding Hook | page 85 |
| Mini Hook & Hook | page 86 |
| Twist Clip (white) & Top Hat | page 87 |
| Magnetic Pad & Eyelet | page 88 |
| 45° Eyelet & 90° Eyelet | page 89 |
| C-Clip & Barrel | page 90 |
| Shot Fire (Powder) & Shot Fire (Gas) | page 91 |
| Channel Nut & Ring Anchor | page 92 |
| QT Barrel & Cable Tray Hook | page 93 |

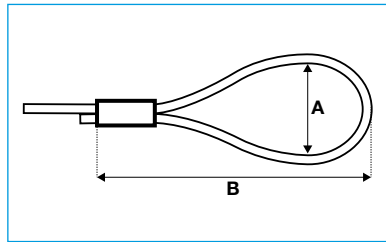
Loop (FR)

- 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 up to 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

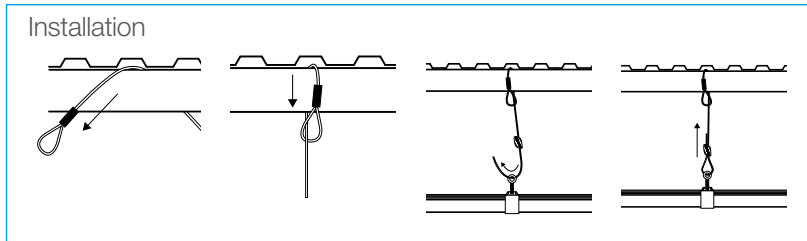


Available Hangers

| | | | |
|---------|---------|---------|---------|
| | | | |
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| | | | |
| Page 36 | Page 58 | Page 56 | Page 38 |



| 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.

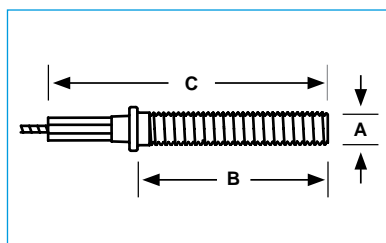
Stud (EF6, EF8, EF10)

- Supplied with Drop-in Anchors
- Available in M6, M8 and M10, up to 225 kg SWL, with up to 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

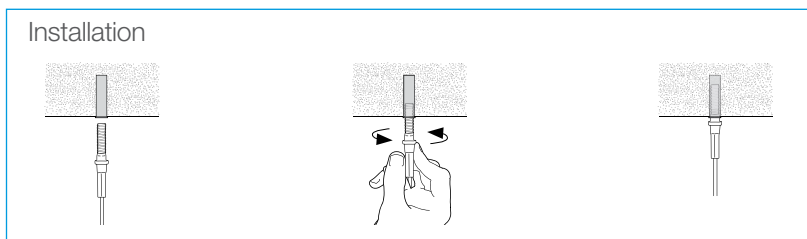


Available Hangers

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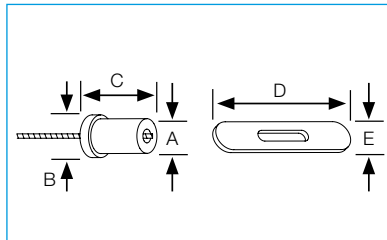
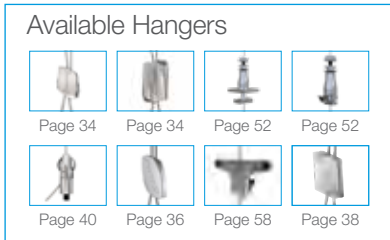
| Size | A | B (mm) | C (mm) |
|-----------------------|-----|--------|--------|
| No.1 (0 - 15 kg) | M6 | 20 | 48 |
| No.2 (15 - 45 kg) | M6 | 20 | 48 |
| | M8 | 45 | 70 |
| | M10 | 45 | 77 |
| No.3 (45 - 90 kg) | M6 | 20 | 48 |
| | M8 | 45 | 70 |
| | M10 | 45 | 77 |
| No.4 (90 - 225 kg) | M10 | 45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



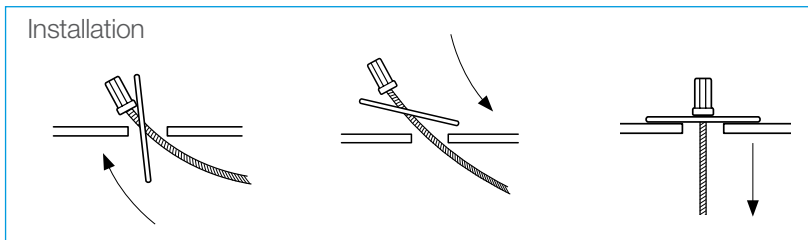
Install fixings in accordance with manufacturer's specifications.

Toggle (SP)

- Ideal when used as a Y-Fit to suspend lighting
- Available up to 90 kg SWL, with up to 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



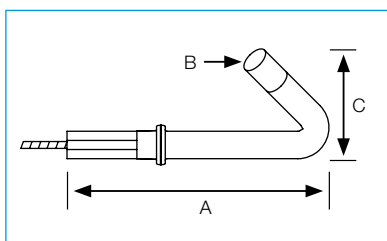
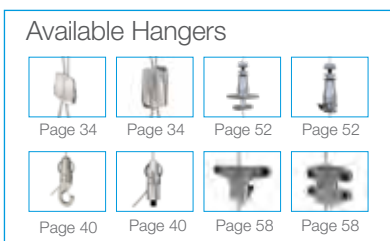
| Size | A Ø (mm) | B Ø (mm) | C (mm) | D (mm) | E (mm) |
|-------------------|----------|----------|--------|--------|--------|
| No.1 (0 - 15 kg) | 4,2 | 5,9 | 8 | 40 | 5,8 |
| No.2 (15 - 45 kg) | 6,2 | 7,9 | 12 | 40 | 7,8 |
| No.3 (45 - 90 kg) | 6,2 | 9,9 | 18 | 40 | 9,7 |



Install fixings in accordance with manufacturer's specifications.

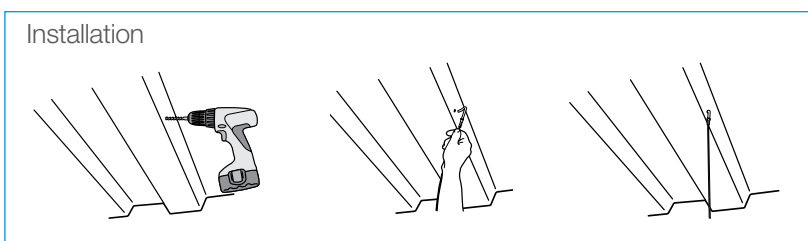
Cladding Hook (TH)

- 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



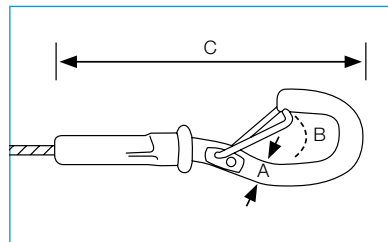
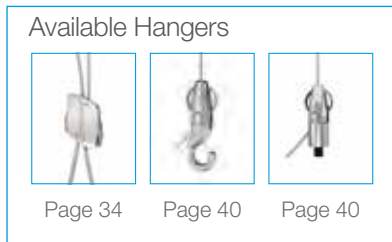
| Size | A (mm) | B (mm) | C (mm) |
|-------------------|--------|--------|--------|
| No.1 (0 - 15 kg) | 59 | Ø 5 | 24 |
| No.2 (15 - 45 kg) | 59 | Ø 5 | 24 |

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



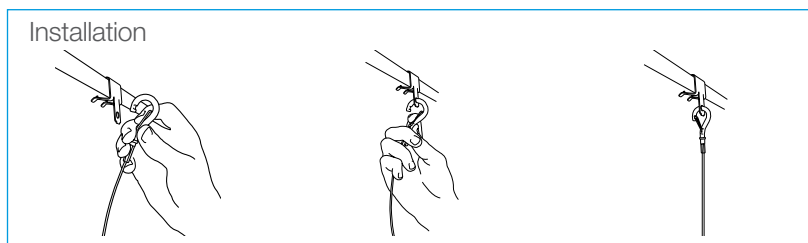
Mini Hook (ECS)

- 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



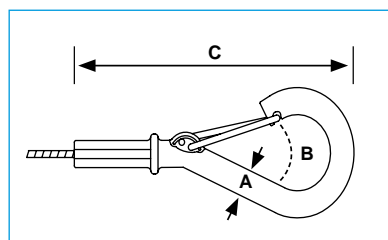
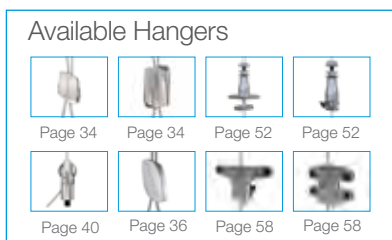
| Size | A (mm) | B (mm) | C (mm) |
|---------------------|--------|--------|--------|
| No.1 (0 - 15 kg) | 4,5 | 5 | 55 |

Install fixings in accordance with manufacturer's specifications.



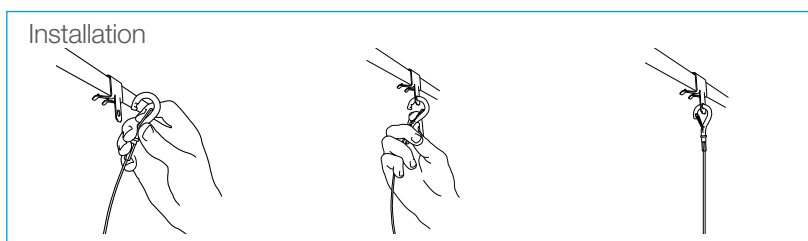
Hook (EC)

- Quick and easy attachment to cable basket, purlin clips, light fittings
- Available up to 90 kg SWL, with up to 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




Available Hangers



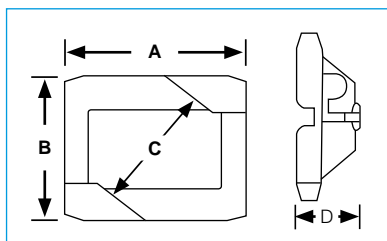
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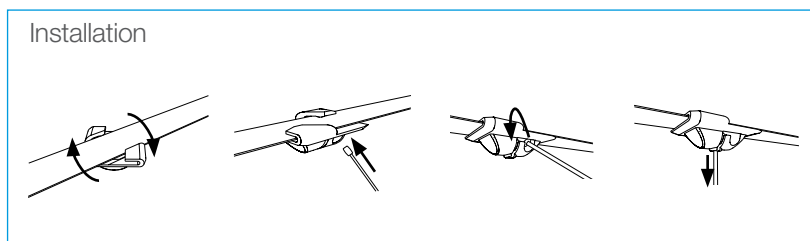


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| Size | A (mm) | B (mm) | C (mm) | D (mm) |
|--------------------|--------|--------|--------|--------|
| No.1 (0 - 5 kg) | 40 | 32 | 24 | 15 |

Install fixings in accordance with manufacturer's specifications.




Top Hat (ED6)


- Aesthetic fixing for use with a wide range of Gripple hangers
- Ideal when lighting/services are exposed
- Available up to 45 kg SWL with up to 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




Available Hangers



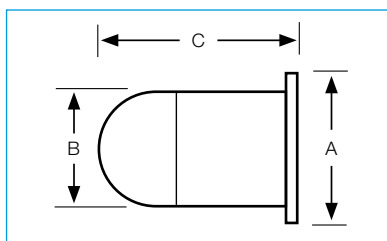
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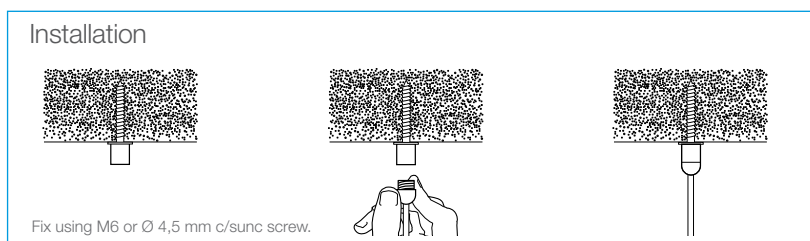


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| Size | A (mm) | B (mm) | C (mm) |
|----------------------|--------|--------|--------|
| No.1 (0 - 15 kg) | 18 | 14 | 26 |
| No.2 (15 - 45 kg) | 18 | 14 | 26 |

Install fixings in accordance with manufacturer's specifications.




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Magnetic Pad (EA)


- 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




Available Hangers



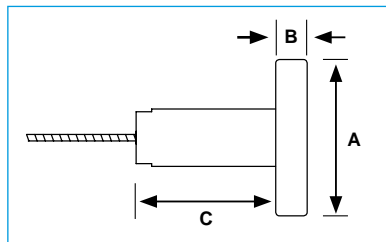
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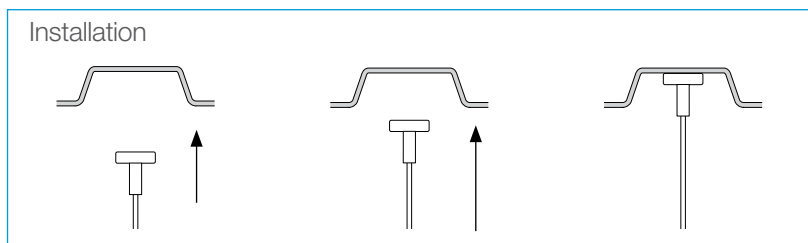


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| Size | A (mm) | B (mm) | C (mm) |
|--------------------|--------|--------|--------|
| No.1 (0 - 8 kg) | 25 | 8 | 45 |

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)


- Available up to 90 kg SWL, with up to 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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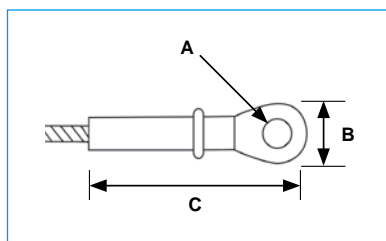
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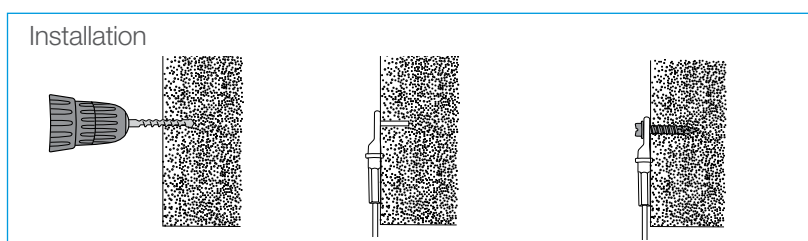


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| Size | A (mm) | B (mm) | C (mm) |
|----------------------|--------|--------|--------|
| No.1 (0 - 15 kg) | 6,5 | 11 | 45 |
| No.2 (15 - 45 kg) | 6,5 | 11 | 45 |
| No.3 (45 - 90 kg) | 6,5 | 11 | 45 |

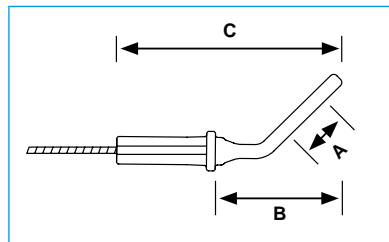
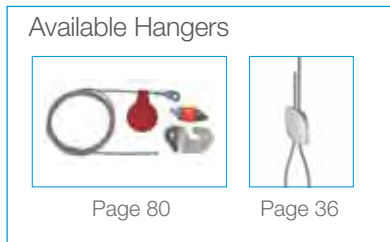
Install fixings in accordance with manufacturer's specifications.



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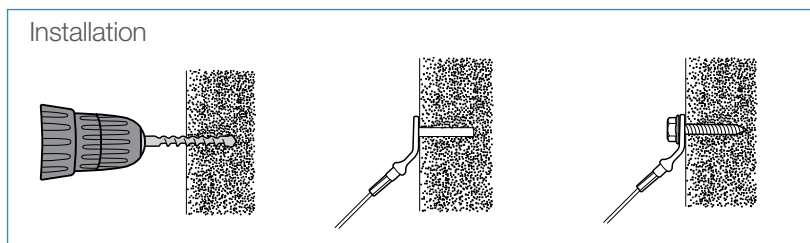
45° Eyelet (EO45)

- Ideal for use in bracing applications
- Available up to 90 kg SWL, with up to 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



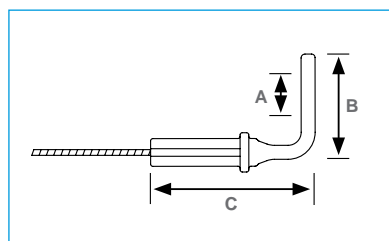
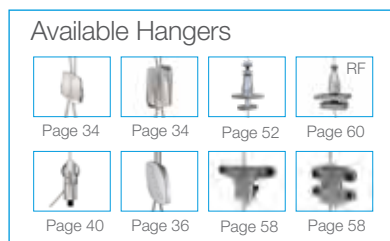
| Size | A (mm) | B (mm) | C (mm) |
|----------------------|--------|--------|--------|
| No.2 (0 - 45 kg) | 11,2 | 29 | 52 |
| No.3 (45 - 90 kg) | 11,2 | 29 | 52 |

Install fixings in accordance with manufacturer's specifications.



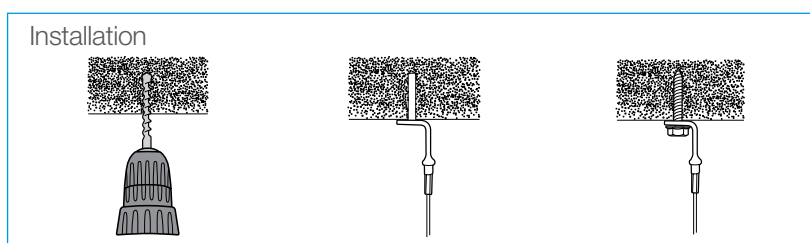
90° Eyelet (EO90)

- Ideal for use with Gripple concrete screws for direct soffit mounting
- Available up to 90 kg SWL, with up to 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) | 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.



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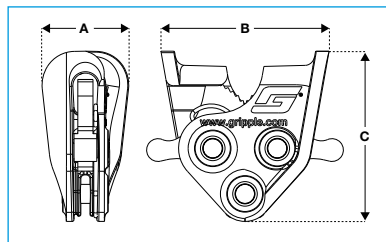
C-Clip (CC3, CC6)

- 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 45 kg SWL with up to 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 66)



Available Hangers

| | | | |
|---------|---------|---------|---------|
| | | | |
| Page 34 | Page 34 | Page 52 | Page 52 |
| | | | |
| Page 66 | Page 36 | Page 58 | Page 40 |



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

Install fixings in accordance with manufacturer's specifications.

Installation

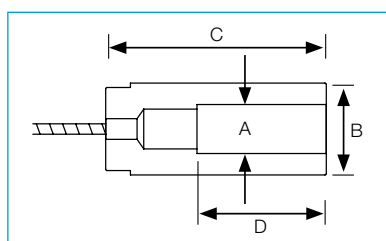
Barrel (ET6, ET8)

- Ideal for use on signage, or exposed services, such as retail and office environments
- Available up to 90 kg SWL, with up to 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

| | | | |
|---------|---------|---------|---------|
| | | | |
| Page 34 | Page 34 | Page 52 | Page 52 |
| | | | |
| Page 40 | Page 36 | Page 58 | Page 58 |



| 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




Page 96

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



Page 40



Page 34



Page 34



22 mm

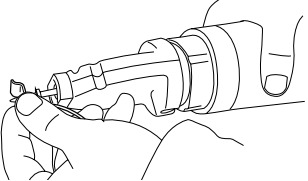
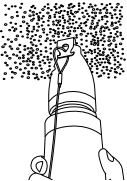


27 mm

| 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)


- Six times faster than traditional methods (drilling and anchoring)
- Can be used with gas fastening tools (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



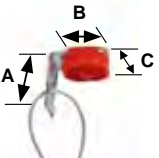
Page 40



Page 34



Page 34

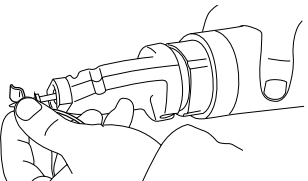
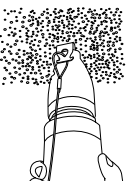


For use with
P800E, GX120, BX3

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

Install fixings in accordance with manufacturer's specifications.

Installation












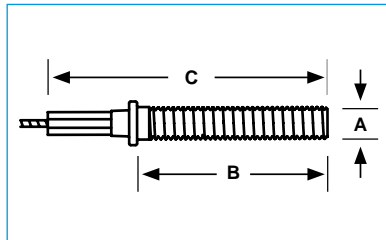
Channel Nut (ER8)

- Fast to install
- Pre-assembled and ready-to-insert
- Fits directly into the channel
- Available up to 90 kg SWL with up to 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



Available Hangers

| | | | |
|--|--|--|--|
|  Page 36 |  Page 34 |  Page 52 |  Page 52 |
|  Page 52 |  Page 54 |  Page 58 |  Page 58 |



| 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.




Installation

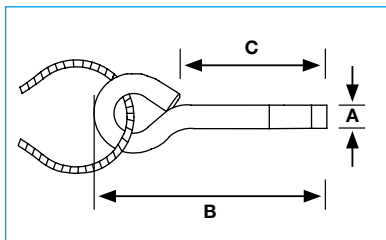
Ring Anchor (RA)

- 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



Available Hangers

| | | |
|--|--|--|
|  Page 40 |  Page 34 |  Page 34 |
|--|--|--|



| 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.









Installation

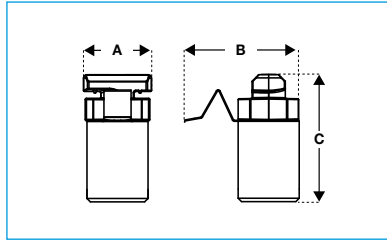
QT Barrel (QTB)

- 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 71)
- Available in lengths from 1 - 10 m



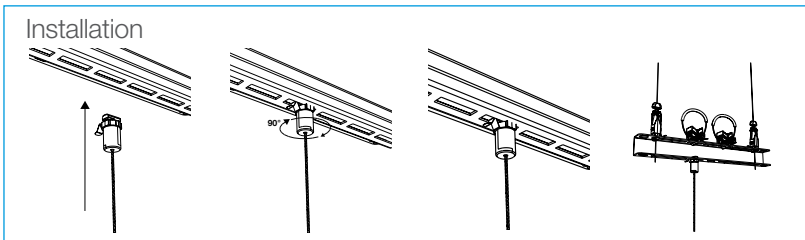
Available Hangers

| | | | |
|---|---|---|---|
|  |  |  |  |
| Page 34 | Page 34 | Page 52 | Page 52 |
|  |  |  |  |
| Page 40 | Page 36 | Page 58 | Page 58 |



| 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.





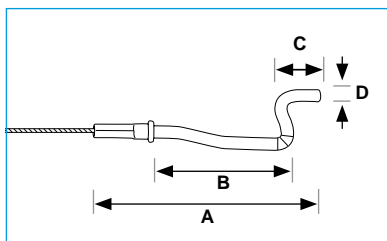
Cable Tray Hook (CT)

- 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 54)
- Available in lengths from 1 - 10 m



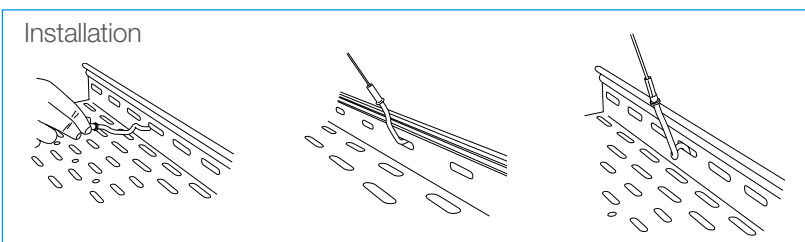
Available Hangers

| | |
|---|---|
|  |  |
| Page 64 | Page 54 |



| 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.







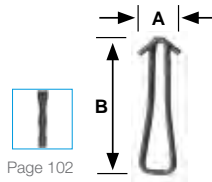
Accessories

| | | |
|-------------------------------|------|-----|
| Anchoring Solutions | page | 96 |
| Beams & Purlins | page | 98 |
| Brackets & Attachments | page | 99 |
| Adaptors | page | 100 |
| Other Accessories | page | 101 |
| Tools & Finishing Accessories | page | 102 |

Anchoring Solutions

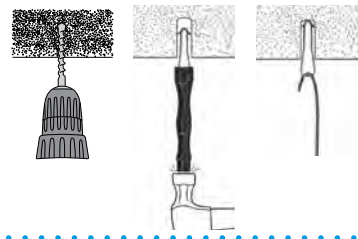
Concrete Wire Anchor

- Suitable for non-cracked concrete
- Stainless steel (316)
- CSTB test report



Page 102

Installation



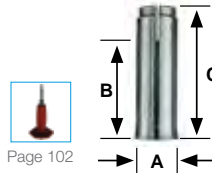
Load rating is dependant on base material

| 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

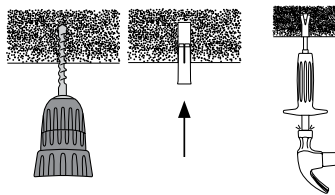
Drop-In Anchor

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



Page 102

Installation



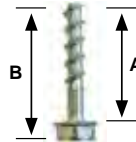
Load rating is dependant on base material

| 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

Concrete Screw

- Suitable for cracked and non cracked concrete
- Ideal for use with the 90° Eyelet End Fixing (page 89)
- Removable

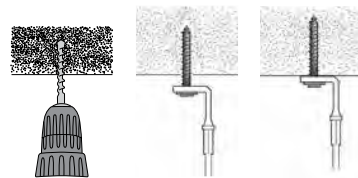


Load rating is dependant on base material

| Product code | A (mm) | B (mm) | Max. SWL (kg) | Hole Ø (mm) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|--------|---------------|-------------|-----------------------|----------------------------|----------|
| GRIPEO90 | 40 | 47 | 200 | 6 | 38 | 25 | 100 |

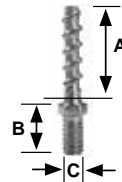
* For further information contact Gripple Technical Services

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 90)
- Removable

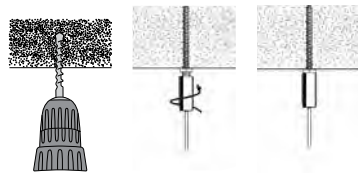


Load rating is dependant on base material

| Product code | A (mm) | B (mm) | C (mm) | Max. SWL (kg) | Hole Ø (mm) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|--------|--------|---------------|-------------|-----------------------|----------------------------|----------|
| GRIPEBET8 | 35 | 16 | M8 | 200 | 6 | 38 | 25 | 100 |

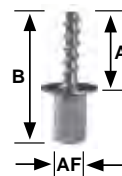
* For further information contact Gripple Technical Services

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 84)
- Removable

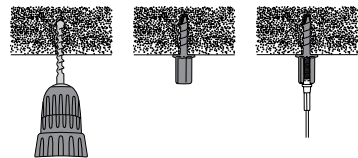


Load rating is dependant on base material

| Product code | A (mm) | B (mm) | AF (mm) | Max. SWL (kg) | Ø Hole (mm) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|--------|---------|---------------|-------------|-----------------------|----------------------------|----------|
| GRIPEBVM8M10 | 35 | 60 | 13 | 200 | 6 | 38 | 25 | 100 |

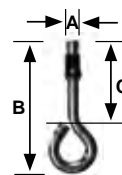
* For further information contact Gripple Technical Services

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 |

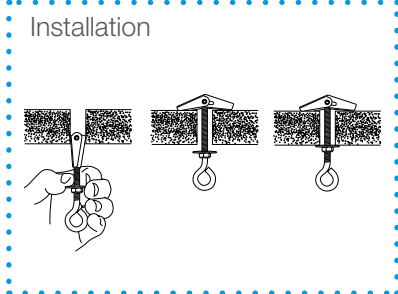
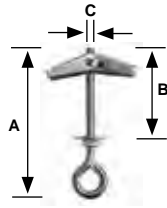
* For further information contact Gripple Technical Services

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 86)



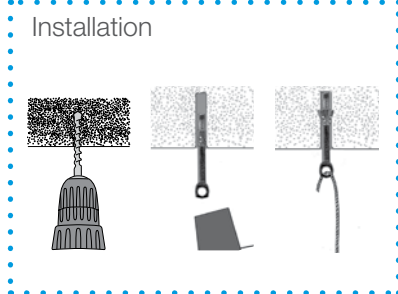
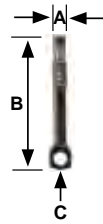
Load rating is dependant on base material

| Product code | A (mm) | B (mm) | C (mm) | Max. SWL (kg) | Hole Ø (mm) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|--------|--------|---------------|-------------|-----------------------|----------------------------|----------|
| GRIPCREUX6 | 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 34)



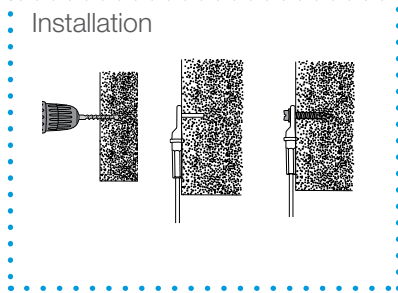
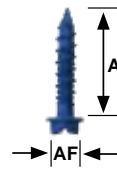
Load rating is dependant on base material

| Product code | A (mm) | B (mm) | C Ø (mm) | Max. SWL (kg) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|--------|----------|---------------|-----------------------|----------------------------|----------|
| GRIPCHW6 | 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 88)
- Removable



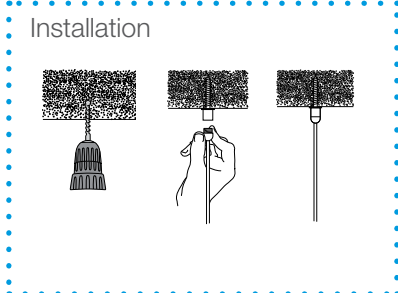
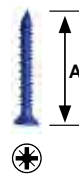
Load rating is dependant on base material

| Product code | A (mm) | AF (mm) | Max. SWL (kg) | Hole Ø (mm) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|---------|---------------|-------------|-----------------------|----------------------------|----------|
| GRIPVCBB | 32 | 8 | 95 | 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 87)
- Removable



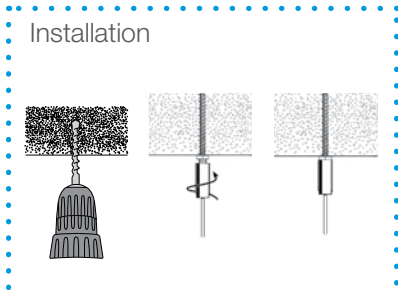
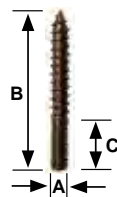
Load rating is dependant on base material

| Product code | A (mm) | Max. SWL (kg) | Hole Ø (mm) | Min. Hole depth* (mm) | Min. Anchorage depth* (mm) | Quantity |
|--------------|--------|---------------|-------------|-----------------------|----------------------------|----------|
| GRIPVCBBP2 | 32 | 95 | 4 | 35 | 25 | 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 90)



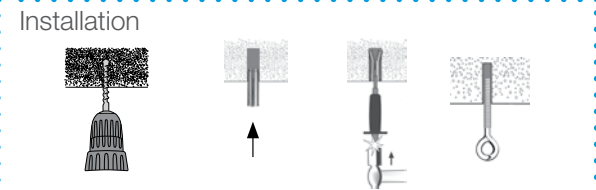
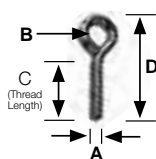
Load rating is dependent on wood type

| 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 27)
- Available fully threaded or partially threaded



5:1 Safety rating

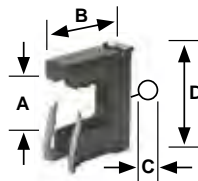
| Product code | A | B (mm) | C (mm) | D (mm) | Max. SWL (kg) | Quantity |
|--------------|----|--------|--------|--------|---------------|----------|
| OELB13 | M8 | 13 | 130 | 168 | 325 | 10 |
| OELB20 | M8 | 13 | 200 | 230 | 325 | 10 |
| OELB2F | M8 | 13 | 200 | 230 | 325 | 10 |

| 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

Tiger Clip

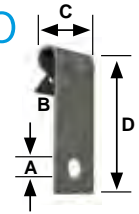
- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Hook End Fixing (page 86)



| Product code | A (mm) | B (mm) | C (mm) | D (mm) | Max. SWL (kg) | Quantity |
|--------------|--------|--------|--------|--------|---------------|----------|
| TIGERCLIP28 | 2-8 | 30 | 6,7 | 30 | 120 | 100 |
| TIGERCLIP816 | 8-16 | 32 | 6,7 | 38 | 120 | 100 |

Vertical Flange Clip

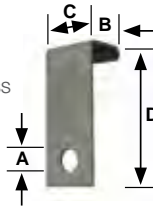
- Hammer-on installation
- Two sizes available to suit 1 mm - 5 mm and 5 mm - 7 mm flange thickness
- Ideal for use with the Hook End Fixing (page 86)



| 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

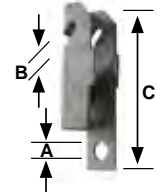
- Easy installation - clip into place
- Available to suit 4 mm - 5 mm flange thickness
- Ideal for use with the Hook End Fixing (page 86)



| 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

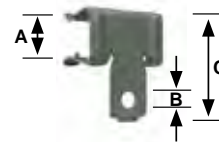
- Hammer-on installation
- Available to suit 2.5 mm maximum flange thickness
- Ideal for use with the Hook End Fixing (page 86)



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

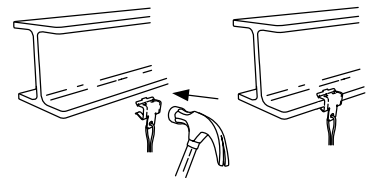
Beam Clip

- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Hook End Fixing (page 86)



| Product code | A (mm) | B (mm) | C (mm) | Max. SWL (kg) | Quantity |
|--------------|--------|--------|--------|---------------|----------|
| GCB24 | 2-4 | 6,5 | 21 | 72 | 100 |
| GCB59 | 5-9 | 6,5 | 23 | 90 | 100 |
| GCB1016 | 10-16 | 6,5 | 29 | 90 | 100 |
| GCB1720 | 17-20 | 6,5 | 34 | 90 | 100 |

Installation

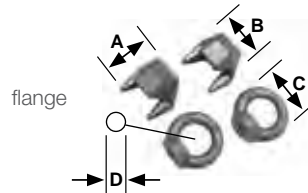


GF Bracket

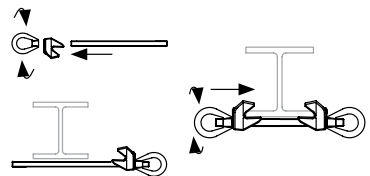
- Designed for clamping onto an I-Beam section
- Suitable from 6 mm - 19 mm thicknesses
- Use with M12 threaded rod (not supplied)
- Ideal for use with Catenary Kits (page 66)

5:1 Safety rating

| Product code | Beam Flange Thickness (mm) | A (mm) | B (mm) | C (mm) | D (mm) | Max. SWL (kg) | Quantity |
|----------------|----------------------------|--------|--------|--------|--------|---------------|----------|
| GRIPPROFIL613 | 6-13 | 46 | 47 | 55 | 30 | 340 | 1 |
| GRIPPROFIL816 | 8-16 | 62 | 62 | 55 | 30 | 340 | 1 |
| GRIPPROFIL1019 | 10-19 | 75 | 75 | 55 | 30 | 340 | 1 |



Installation

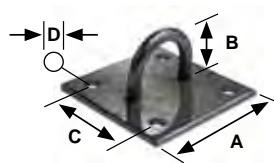


Catenary Wall Bracket

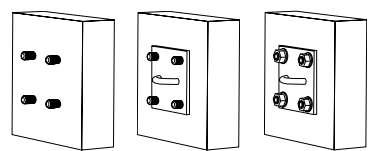
- 100 mm x 100 mm back plate for concrete walls and wooden beams
- 4 x 11 mm diameter mounting holes
- 65 mm hole spacing
- 9 mm ring for easy wire rope attachment
- Zinc plated finish (minimum 5 µm)

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

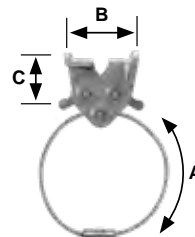


C-Clip Accessory

- 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 | 45 | 10 |



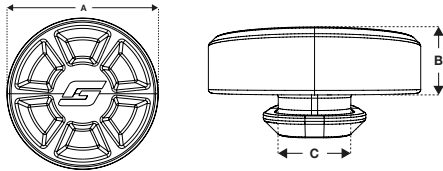
Installation



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

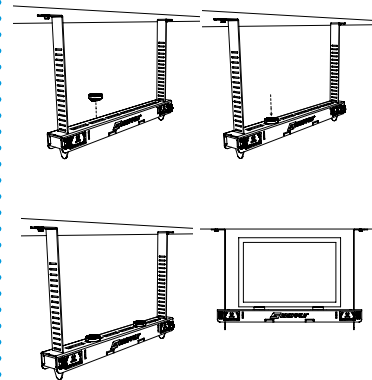


Vibration dampening:

10 kg mass on pad - 55 hz.
20 kg mass on pad - 45 hz.
50 kg mass on pad - 35 hz.

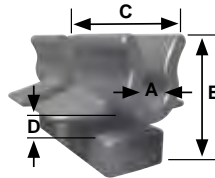
| Product code | A (mm) | B (mm) | C (mm) | Quantity |
|--------------|--------|--------|--------|----------|
| VDP100 | 30 | 8,2 | 9,6 | 500 |

Installation



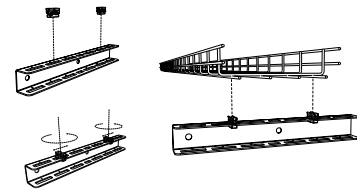
CB Clip

- 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



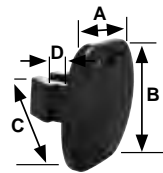
| Product code | A Ø (mm) | B (mm) | C (mm) | D (mm) | Quantity |
|--------------|----------|--------|--------|--------|----------|
| CBC4100P | 4 | 17 | 30 | 2 | 500 |
| CBC5100P | 5 | 17 | 30 | 2 | 500 |
| CBC43100P | 4 | 17 | 30 | 3 | 500 |
| CBC53100P | 5 | 17 | 30 | 3 | 500 |

Installation



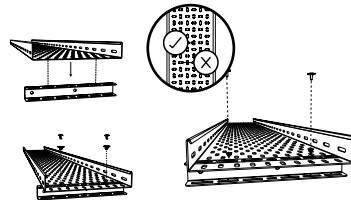
CT Clip

- 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



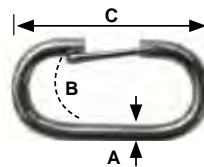
| Product code | A (mm) | B (mm) | C (mm) | D (mm) | Quantity |
|--------------|--------|--------|--------|--------|----------|
| CTC2100P | 22 | 19 | 13 | 2 | 500 |
| CTC3100P | 22 | 19 | 13 | 3 | 500 |

Installation



Link Hook

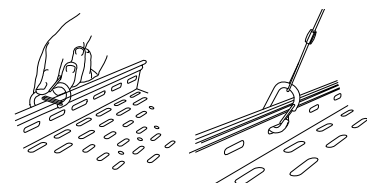
- Easy to attach and detach for loading cable tray
- Suitable for services that require access or maintenance
- Large inner dimension for easy fit
- Ideal for use with the Y-Fit Accessory (page 64)



4:1 Safety rating

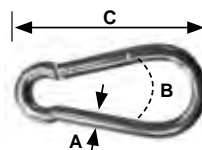
| Product code | A (mm) | B (mm) | C (mm) | Max. SWL (kg) | Quantity |
|--------------|--------|--------|--------|---------------|----------|
| LINKHOOK | 6 | 15 | 48 | 45 | 10 |

Installation



Karabiner

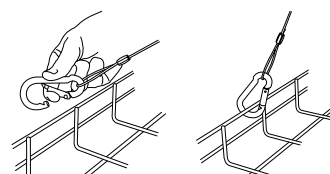
- Versatile fixing, easy to attach and detach
- Available in Stainless steel ("I" endings in the code below)



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 |

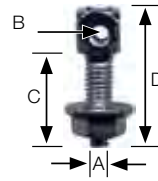
Installation



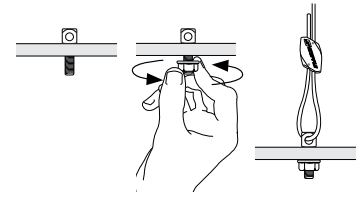
Adaptors

M6 & M8 Adaptor

- Ideal for fixings to many services such as luminaires
- Can be fixed into concrete using the Drop-In Anchors (page 96)
- Supplied with nut



Installation

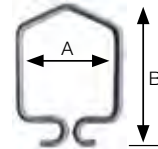


5:1 Safety rating - dependent on material

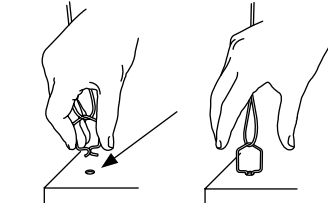
| Product code | A | B (mm) | C (mm) | D (mm) | Max. SWL (kg) | Quantity |
|--------------|----|--------|--------|--------|---------------|----------|
| GRIPADAP6 | M6 | 3,5 | 20 | 28 | 90 | 10 |
| GRIPADAP8 | M8 | 5,5 | 25 | 37 | 225 | 10 |

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 34)



Installation

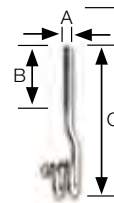


3:1 Safety rating - dependent on material thickness

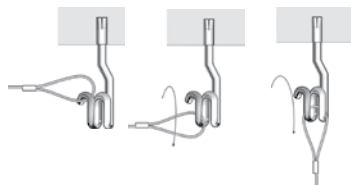
| Product code | A (mm) | B (mm) | Max. SWL (kg) | Quantity |
|--------------|--------|--------|---------------|----------|
| SPRINGCLIP | 24 | 38 | 30 | 100 |

Pigtail

- Fast and secure anchor suitable for use with the Loop End Fixing (page 84)
- Ideal for use with the Drop-In Anchor (page 96)
- Allows Loop to be removed for maintenance



Installation

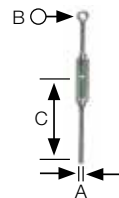


5:1 Safety rating - dependent on base material

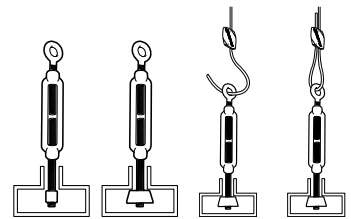
| Product code | A | B (mm) | C (mm) | Max. SWL (kg) | Quantity |
|--------------|----|--------|--------|---------------|----------|
| GRIPM620 | M6 | 20 | 76 | 90 | 10 |
| GRIPM645 | M6 | 45 | 102 | 90 | 10 |
| GRIPM845 | M8 | 45 | 118 | 150 | 10 |

Turnbuckle

- Ideal for cold room panels
- One end with closed-eye/one end with straight threaded rod
- Use with the HF Classic (page 36)



Installation

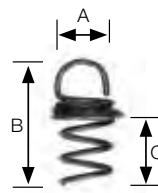


5:1 Safety rating - dependent on material

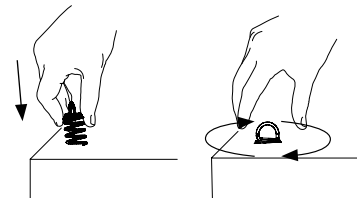
| Product code | A | B (mm) | C (mm) | Max. SWL (kg) | Quantity |
|--------------|-----|--------|--------|---------------|----------|
| OEL88TD | M8 | 14 | 80 | 325 | 10 |
| OEL820TD | M8 | 14 | 200 | 325 | 10 |
| OEL1020TD | M10 | 14 | 200 | 325 | 10 |

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



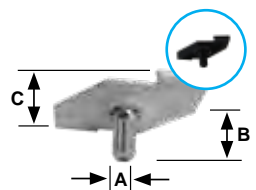
Installation



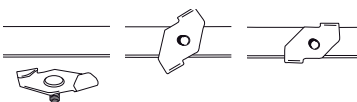
| Product code | A (mm) | B (mm) | C (mm) | Kit Quantity |
|--------------|--------|--------|--------|--------------|
| RBACRT12 | 17 | 47 | 28 | 12 |
| RBALNG12 | 27 | 97 | 72 | 12 |

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 87)
- Suitable for 24 mm T-Bar grid ceilings



Installation



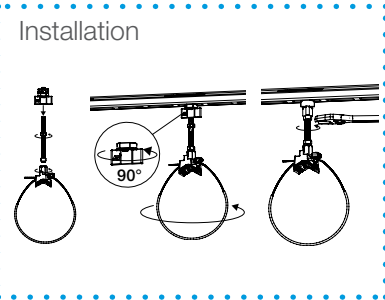
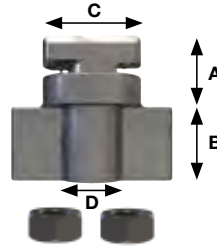
5:1 Safety rating

| 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 |

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

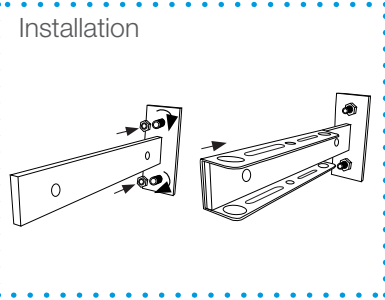
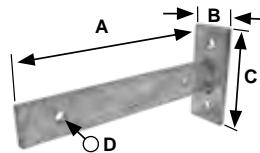


3:1 Safety rating

| Product code | A (mm) | B (mm) | C (mm) | D (mm) | Max. SWL (kg) | Quantity |
|--------------|--------|--------|--------|--------|---------------|----------|
| GRIQQTAM8 | 14 | 15 | 20 | M8 | 75 | 100 |

Wall Bracket

- Allows to connect the PB Kit to any supporting material
- Made of steel with electrogalvanized finish
- Available in 3 sizes

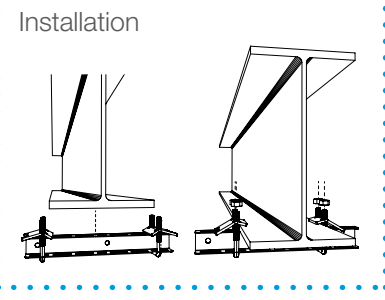
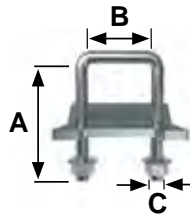


5:1 Safety rating - dependent on material thickness

| Product code | A (mm) | B (mm) | C (mm) | D (mm) | Max. SWL (kg) | Quantity |
|--------------|--------|--------|--------|--------|---------------|----------|
| GRIPW24 | 246 | 50 | 120 | 12,5 | 75 | 1 |
| GRIPW34 | 346 | 50 | 120 | 12,5 | 75 | 1 |
| GRIPW44 | 446 | 50 | 120 | 12,5 | 75 | 1 |

Bracket Beam Clamp

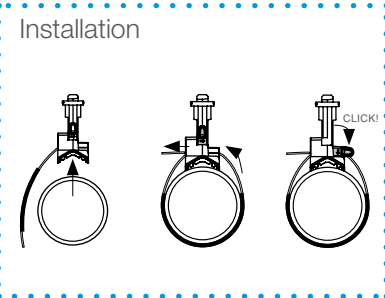
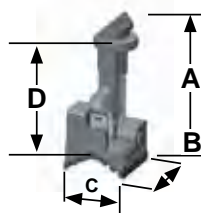
- Allows brackets to be fixed directly to beams for pipe runs close to the deck
- Suitable for a wide range of flange sizes (up to 40 mm)
- Robust, mild steel construction
- Kit of 2 pieces



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

CRU QT

- Up to 6 times faster than traditional methods
- Universal - for pipe sizes 15 mm Copper (OD15) to 3" / DN80 Steel (OD89) pipework
- Replaces more than 11 different pipe ring sizes
- ¼ turn fixing - tool free attachment and adjustment

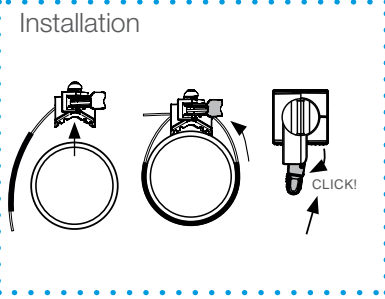
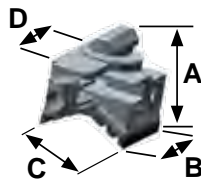


3:1 Safety rating - dependent on base material

| 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 pipe sizes 15 mm Copper (OD15) to 3" / DN80 Steel (OD89) pipework
- Replaces more than 11 different pipe ring sizes
- ¼ turn fixing - tool free attachment and adjustment

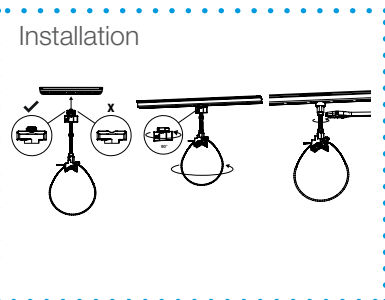
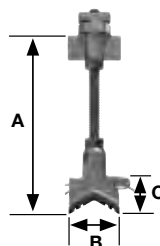


3:1 Safety rating - dependent on material

| 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



GRIPCLE1

GRIPCLE2

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

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:
FTBC1110G

Corner Saddle



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

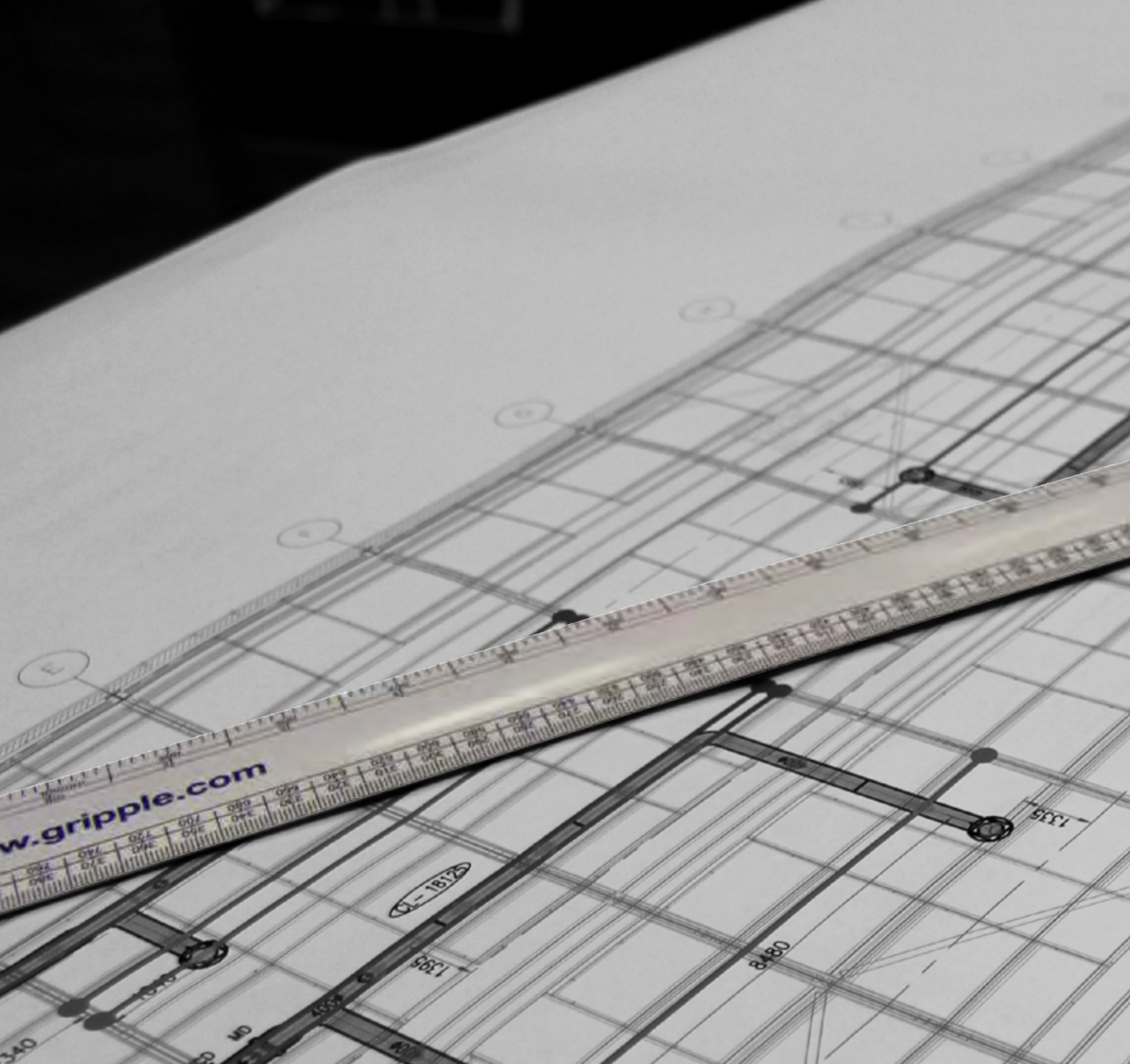
Product code:
GRIPCISO (standard)
GRIPCISOM (magnetic)

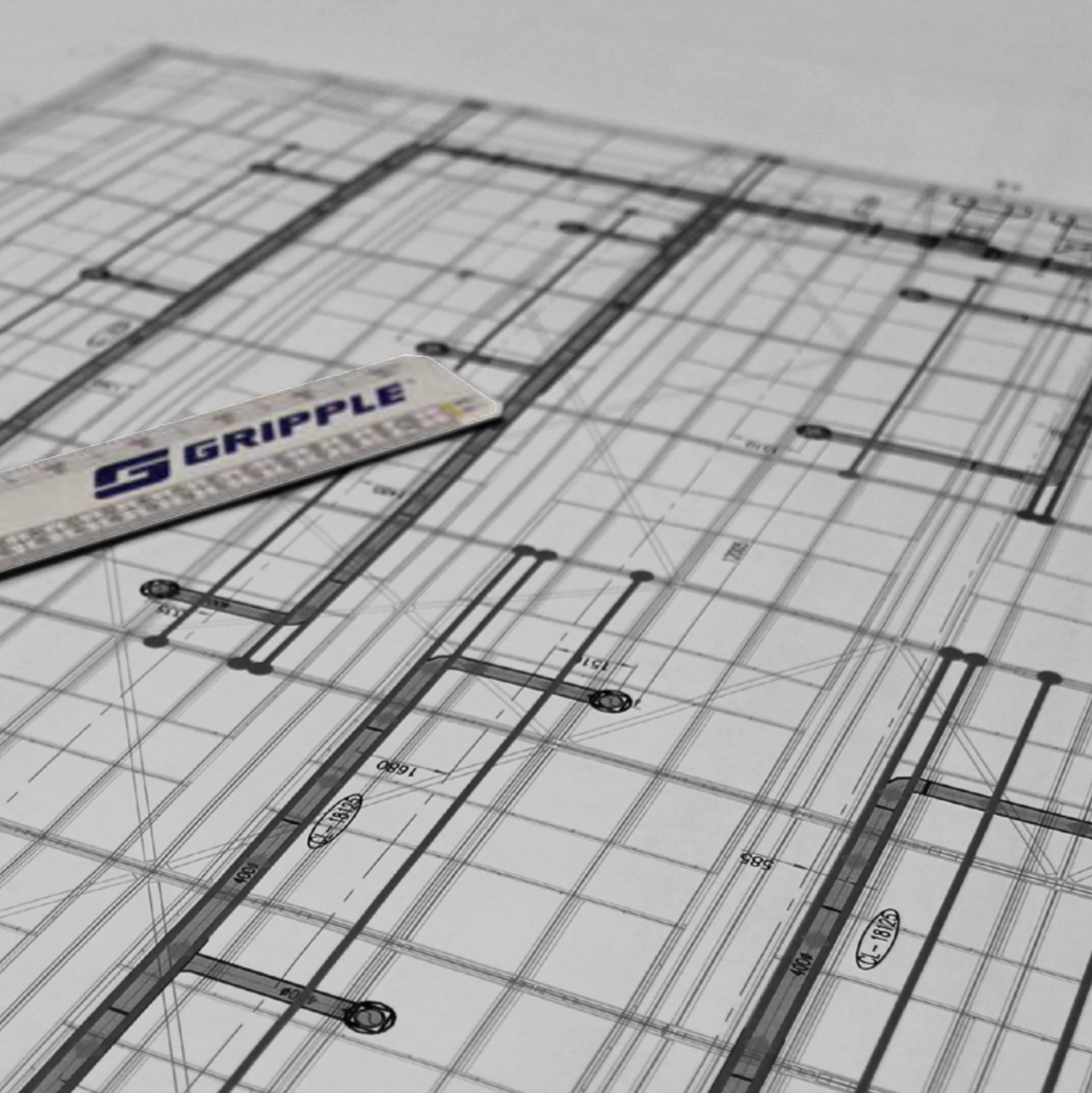
Twister



- 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





Technical

| | |
|--------------------------|----------|
| Technical Services | page 106 |
| Hanging at Angles | page 110 |
| Wire Rope Construction | page 110 |
| Nominal Ductwork Weights | page 111 |
| Pipe Support Spacing | page 112 |
| Fast Trak Specifications | page 113 |
| Key Recommendations | page 114 |

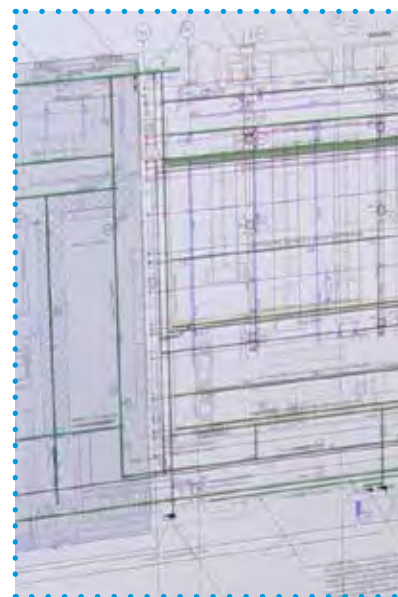
Technical Services



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

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

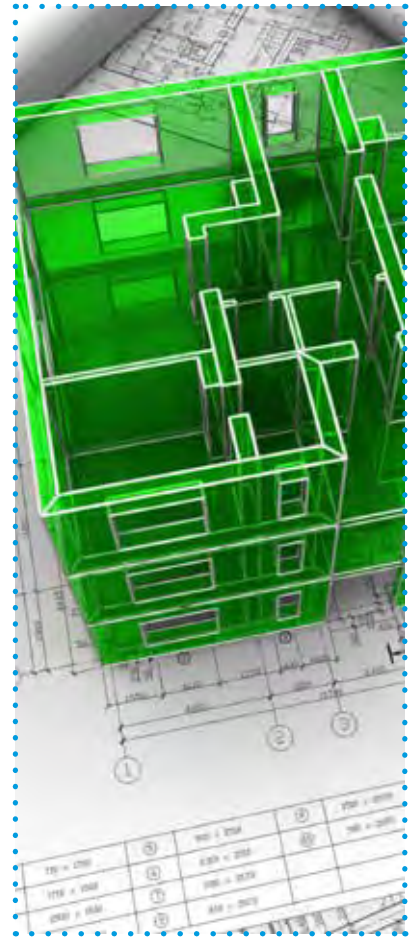
Building Information Modelling (BIM) is now a mandatory requirement for centrally funded government projects in Europe, and this highly collaborative way of working is fast becoming the preferred method for carrying out progressive private sector projects.

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 CO₂ Assessment and BREEAM or LEED Accreditation

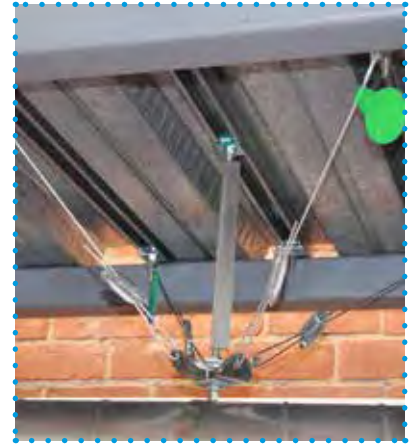
Gripple recognises that today's buildings need to be designed to the highest environmental standards. In order to facilitate this, Gripple Technical Services is able to provide calculations, based on drawing submissions or site surveys, to determine the ECO₂ savings when switching to lightweight wire 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



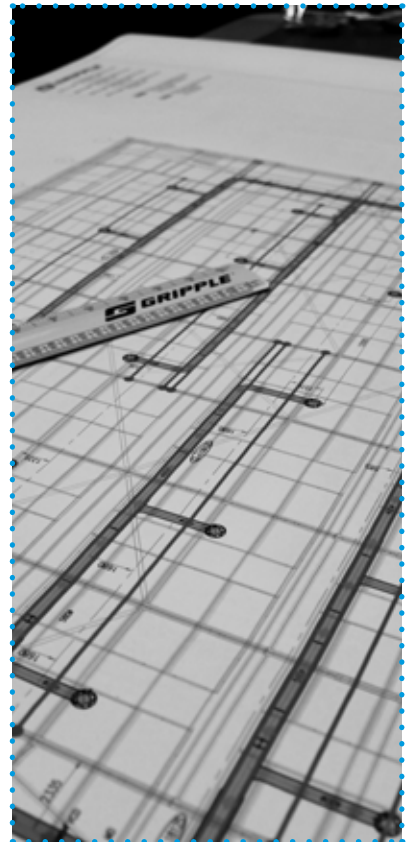
Acoustic & Vibration Performance

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 'A Guide to the use of Wire Suspensions in Swimming Pool Environments', '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

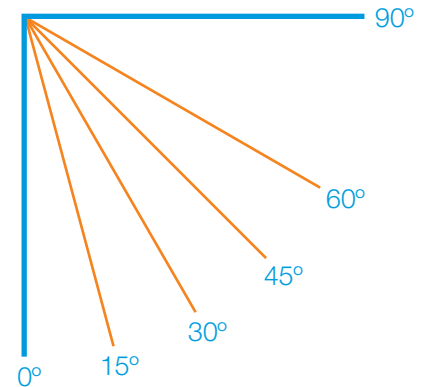
Pre-commencement site surveys, on-site pull testing to verify substrate suitability, progress reports and completion certificates can all be requested from Gripple Technical Services. Toolbox Talks are also available on a range of Gripple products and time saving installation methods.



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 | 15 | 14 | 12 | 10 | 7 |
| 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 |

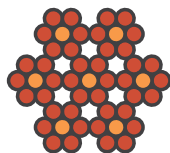


For Gripple hanger hung at an angle in excess of 60° from vertical, contact Gripple Technical Services.

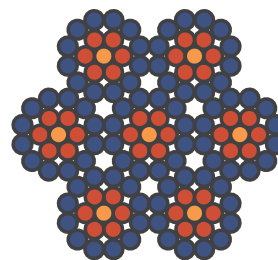
Wire Rope Construction

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 |
| No.2 | 2 | 7 x 7 |
| No.3 | 3 | 7 x 7 |
| No.4 | 4,75 | 7 x 19 |
| No.5 | 6 | 7 x 19 |



7 x 7 (6/1)



7 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 |

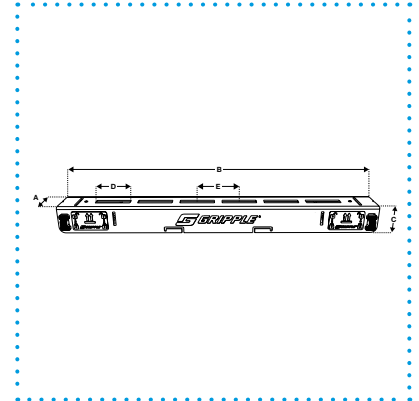
Mass calculated at standard pressure with water at 4°C.

*At max. bracket spacing

Fast Trak Specifications

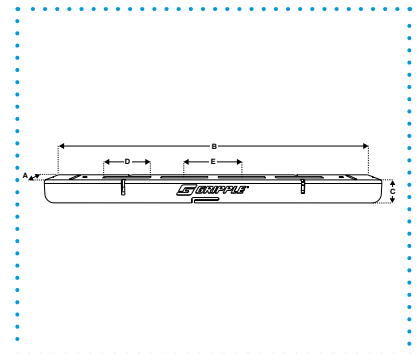
Fast Trak – Universal Bracket

| Bracket | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Distance Between Tracks (mm) | Max Single Point Load at mid-span | Max Uniform Load (UDL) |
|----------|--------|--------|--------|--------|--------|------------------------------|-----------------------------------|------------------------|
| FTB-250 | 44 | 309 | 35 | 45 | 55 | 250 | 90 kg | 180 kg (3:1) |
| FTB-350 | 44 | 409 | 35 | 45 | 55 | 350 | 90 kg | 180 kg (3:1) |
| FTB-450 | 44 | 509 | 35 | 45 | 55 | 450 | 90 kg | 180 kg (3:1) |
| FTB-600 | 44 | 659 | 35 | 45 | 55 | 600 | 90 kg | 180 kg (3:1) |
| FTB-750 | 44 | 809 | 35 | 45 | 55 | 750 | 90 kg | 180 kg (3:1) |
| FTB-900 | 44 | 959 | 35 | 45 | 55 | 900 | 90 kg | 180 kg (3:1) |
| FTB-1050 | 44 | 1 109 | 35 | 45 | 55 | 1 050 | 45 kg | 90 kg (3:1) |
| FTB-1200 | 44 | 1 259 | 35 | 45 | 55 | 1 200 | 45 kg | 90 kg (3:1) |
| FTB-1500 | 44 | 1 559 | 35 | 45 | 55 | 1 500 | 45 kg | 90 kg (3:1) |



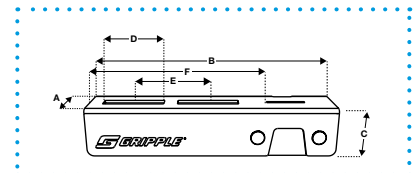
Fast Trak – Low Profil Bracket

| Bracket | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Distance Between Tracks (mm) | Max Single Point Load at mid-span | Max Uniform Load (UDL) |
|-----------|--------|--------|--------|--------|--------|------------------------------|-----------------------------------|------------------------|
| FTBL-250 | 44 | 309 | 21 | 45 | 55 | 250 | 90 kg | 180 kg (3:1) |
| FTBL-350 | 44 | 409 | 21 | 45 | 55 | 350 | 90 kg | 180 kg (3:1) |
| FTBL-450 | 44 | 509 | 21 | 45 | 55 | 450 | 90 kg | 180 kg (3:1) |
| FTBL-600 | 44 | 659 | 21 | 45 | 55 | 600 | 50 kg | 80 kg (3:1) |
| FTBL-750 | 44 | 809 | 21 | 45 | 55 | 750 | 40 kg | 64 kg (3:1) |
| FTBL-900 | 44 | 959 | 21 | 45 | 55 | 900 | 30 kg | 48 kg (3:1) |
| FTBL-1050 | 44 | 1 109 | 21 | 45 | 55 | 1 050 | 20 kg | 32 kg (3:1) |
| FTBL-1200 | 44 | 1 259 | 21 | 45 | 55 | 1 200 | 15 kg | 24 kg (3:1) |



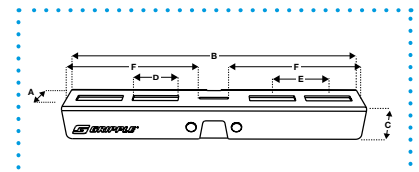
Fast Trak – Single Load Bracket

| Single Load Bracket | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | Max Single Point Load | Max Uniform Load (UDL) |
|---------------------|--------|--------|--------|--------|--------|--------|-----------------------|------------------------|
| FTBS-180 | 40 | 180 | 35 | 45 | 55 | 130 | 15 kg | 15 kg (3:1) |



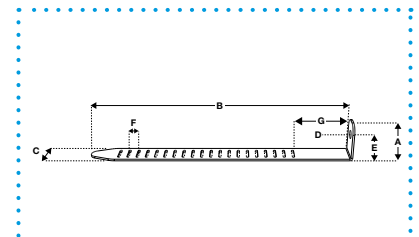
Fast Trak – Twin Load Bracket

| Twin Load Bracket | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | Max Single Point Load | Max Uniform Load (UDL) |
|-------------------|--------|--------|--------|--------|--------|---------|-----------------------|------------------------|
| FTBT-200 | 40 | 210 | 35 | 60 | - | 2 x 90 | 15 kg | 30 kg (3:1) |
| FTBT-300 | 40 | 290 | 35 | 45 | 55 | 2 x 130 | 15 kg | 30 kg (3:1) |
| FTBT-400 | 40 | 400 | 35 | 45 | 55 | 2 x 185 | 15 kg | 30 kg (3:1) |



Fast Trak – Track

| Track | A (mm) | B (mm) | C (mm) | D (Ø) | E (mm) | F (mm) | G (mm) | Safe Working Load (per track) |
|----------|--------|--------|--------|-------|--------|--------|--------|-------------------------------|
| FTT-135 | 40 | 135 | 28 | 10,1 | 24 | 10 | 10,5 | 90 kg (5:1) |
| FTT-285 | 40 | 285 | 28 | 10,1 | 24 | 10 | 60 | 90 kg (5:1) |
| FTT-535 | 40 | 535 | 28 | 10,1 | 24 | 10 | 60 | 90 kg (5:1) |
| FTT-785 | 40 | 785 | 28 | 10,1 | 24 | 10 | 250 | 90 kg (5:1) |
| FTT-1035 | 40 | 1 035 | 28 | 10,1 | 24 | 10 | 500 | 90 kg (5:1) |



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 or Gripple Inc., any regional Gripple office, or via the website www.gripple.com.

Please adhere to the following key recommendations:



Loads

Always operate the product within its stated safe working load range.



Lifting

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



Installation

Do not walk or stand on the Gripple product installation unless expressly designed for this purpose.



Painting

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



Lubrication

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



Joining

Never join two ends together in-line.



Wire Rope

Always use the fastener supplied and specified wire rope. Never use on coated wire rope or other rope. Trim any damaged filaments with the wire cutter before use.



Environment

Do not use in chlorinated or chemically corrosive atmospheres. Galvanised 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.



Impact

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



Protection

To increase your safety we recommend you to wear gloves for the installation of our products. Site specific PPI should be worn at all times.



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°.

Quality & Approval

Gripple Limited is ISO 9001 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.



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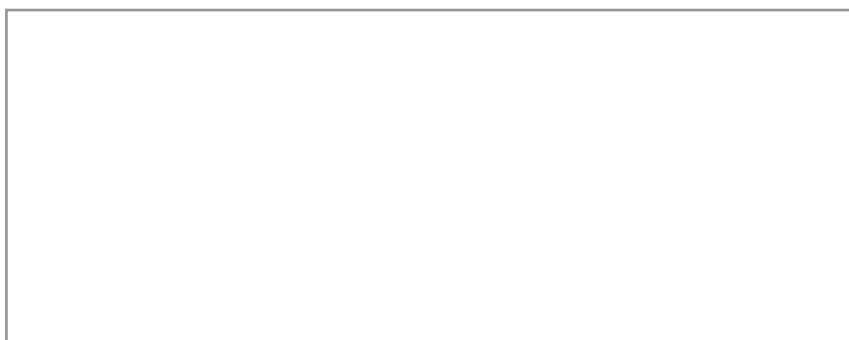
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product information.



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