



# 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.

# Contents

## About

About Gripple	04
---------------	----

## Applications

HVAC	08
Electrical	10
Lighting	12
Pipework	14
Modules	16
Signage	18
Acoustics	20
Black Suspension Solutions	22
Fast Trak	24
UniGrip	26
Fire Rated	28
Other Applications	30

## Products

Standard Hanger	34
Express	35
Angel	36
Stainless Steel Hanger	38
UniGrip	40
Duct & Butterfly Trapeze	42
InvisiGrip	44
Y-Fit & Y-Fit Accessory	46
Catenary Kit & C-Clip	48
Fire Rated Hanger	50
Trapeze Plus FR	51
Fire Rated Clip	52
Fire Rated Information	54
Fast Trak - Standard	56
Fast Trak - Low Profile	56
Fast Trak - Side Loading	58
QT Universal Clamp	60
Universal Bracket	61
QT Compact Clamp	62
Low Profile Bracket	63
Universal Clamp	64
Height Adjustable Universal Clamp	65
Wall Bracket	66
Pipe Insulation Collars	68

## End Fixings

Loop	72
Stud	72
Toggle	73
Snap Hook	73
Cable Tray Hook	74
Mini Hook	74
Barrel	75
Top Hat Barrel	75
End Stop	76
Eyelet	76
45° Eyelet	77
90° Eyelet	77
Cladding Hook	78
Ring Anchor	78
Ceiling Anchor	79
Link Hook	79
Karabiner	80
C-Clip	80
Shot Fire	81
Channel Nut	81
Decking Wedge	82
Alphawedge	82
Multiwedge 2	83
TR60 Wedge	83
MF Wedge	84
Twist Clip (White)	84
Magnetic Pad	85
QT Barrel	85

## Accessories

Anchoring Solutions	88
Brackets & Attachments	90
Adaptors	92
Beams & Purlins	94
UniGrip & Hanger Accessories	95
Fast Trak Accessories	96
Tools & Finishing Accessories	97

## Technical

Technical Services	100
Hanging At Angles	104
Wire Rope Construction & Cross Sections	104
Nominal Ductwork Weights	105
Pipe Support Spacing	106
Key Recommendations	107



## About Gripple

Of the 700 strong Gripple team working worldwide, over 30 people are dedicated to servicing the UK and Ireland. All are experts in suspension solutions for HVAC, M&E, modules, lighting, acoustics and signage. Our facilities in Sheffield enable us to offer a flexible, reactive service to find a solution to your problem, and deliver it quickly. We also have a technical, specification and sales office in London.



“...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
- BIM solutions
- Environmental impact studies
- CAD drawings
- On-site visits to assess installations and discuss potential solutions
- Product training – for specific installations or for the latest new products
- CPD presentations
- Regular on-site advice until the job is completed
- Next day delivery service available to site



## 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 Standard No. 2 kits weighs just 8 kg, doing the same job as 150 kg of threaded rod and channel. Not only is the weight and bulk of carry material reduced, but also the time spent working at height.

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

For every metre of Gripple wire rope specified to replace threaded rod, it is estimated that a saving of 1.2 kg of embodied CO<sub>2</sub> is made. This equates to a total embodied CO<sub>2</sub> saving of up to 95% when switching from threaded rod to Gripple wire rope.

### Aesthetics

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



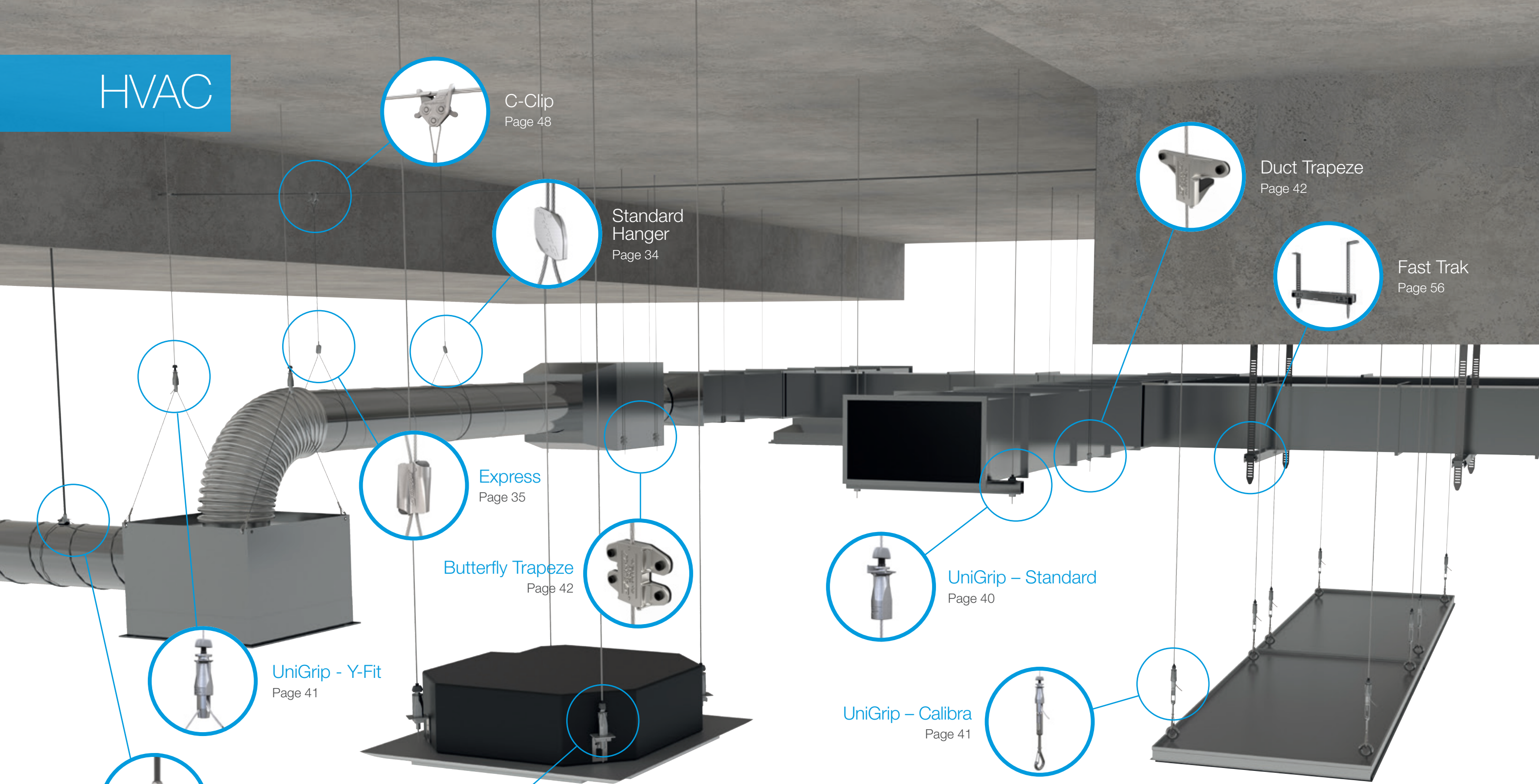


## Applications

HVAC	page 08
Electrical	page 10
Lighting	page 12
Pipework	page 14
Modules	page 16
Signage	page 18
Acoustics	page 20
Black Suspension Solutions	page 22
Fast Trak	page 24
UniGrip	page 26
Fire Rated	page 28
Other Applications	page 30



# HVAC



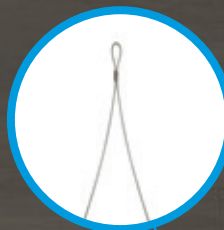
The **Gripple®** range of hangers for HVAC applications has been developed to provide a fast and versatile solution for suspending ductwork, heaters, air conditioning, radiant panels and plenum boxes.

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 ready-for-use kits with a choice of wire rope lengths and end fixings.

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



# Electrical

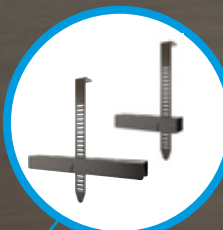


Y Fit & Y Fit Accessory  
Page 46

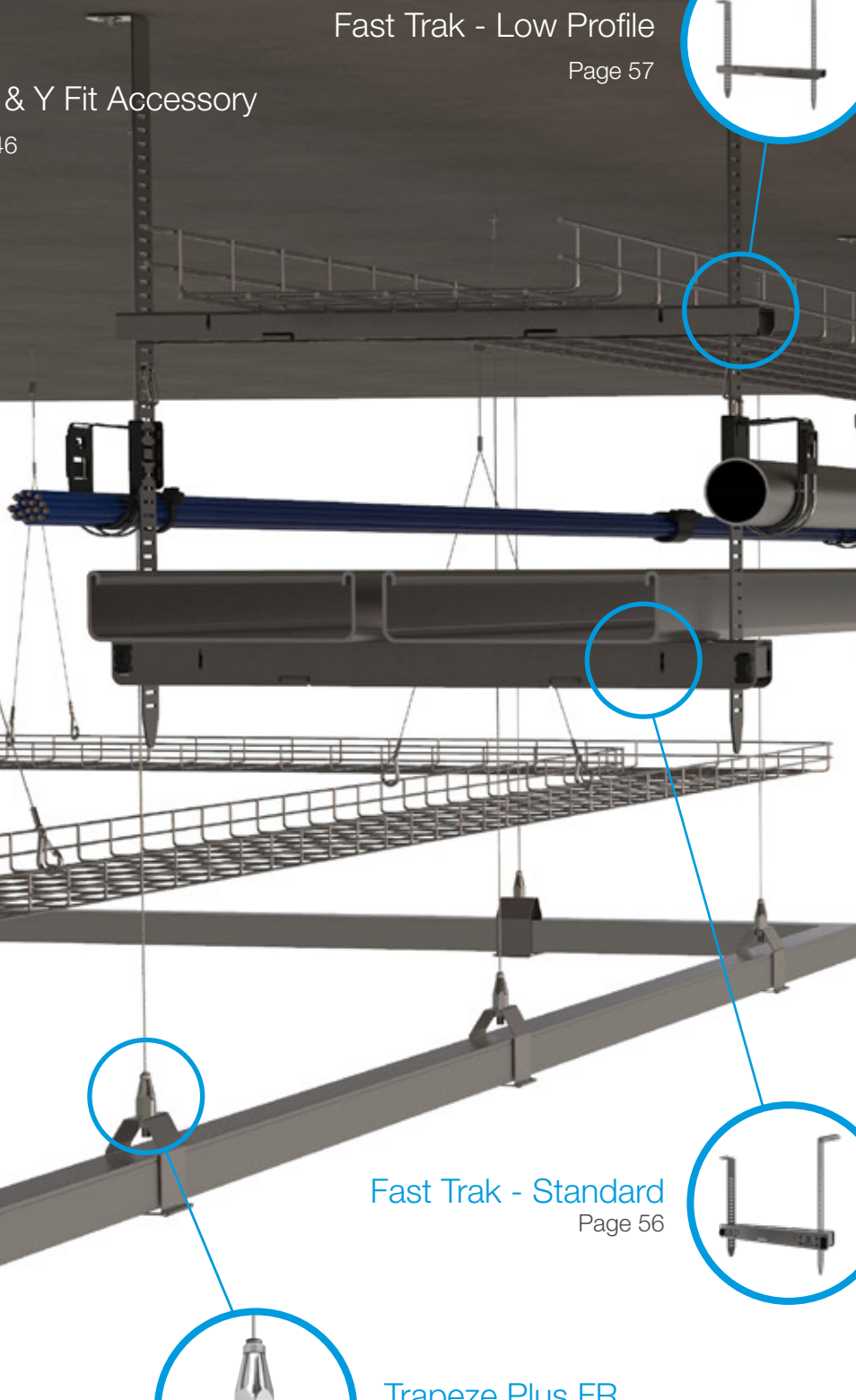
Fast Trak - Low Profile  
Page 57



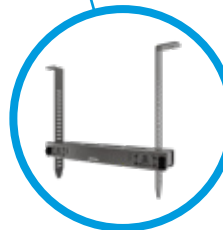
Conduit Clamp  
Page 96



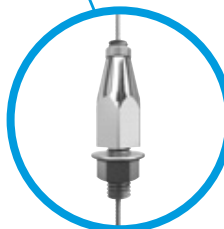
Fast Trak - Side Loading  
Page 58



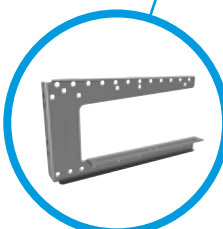
Fast Trak - Standard  
Page 56



Trapeze Plus FR  
Page 51



J Hook  
Page 96



G Bracket  
Page 90

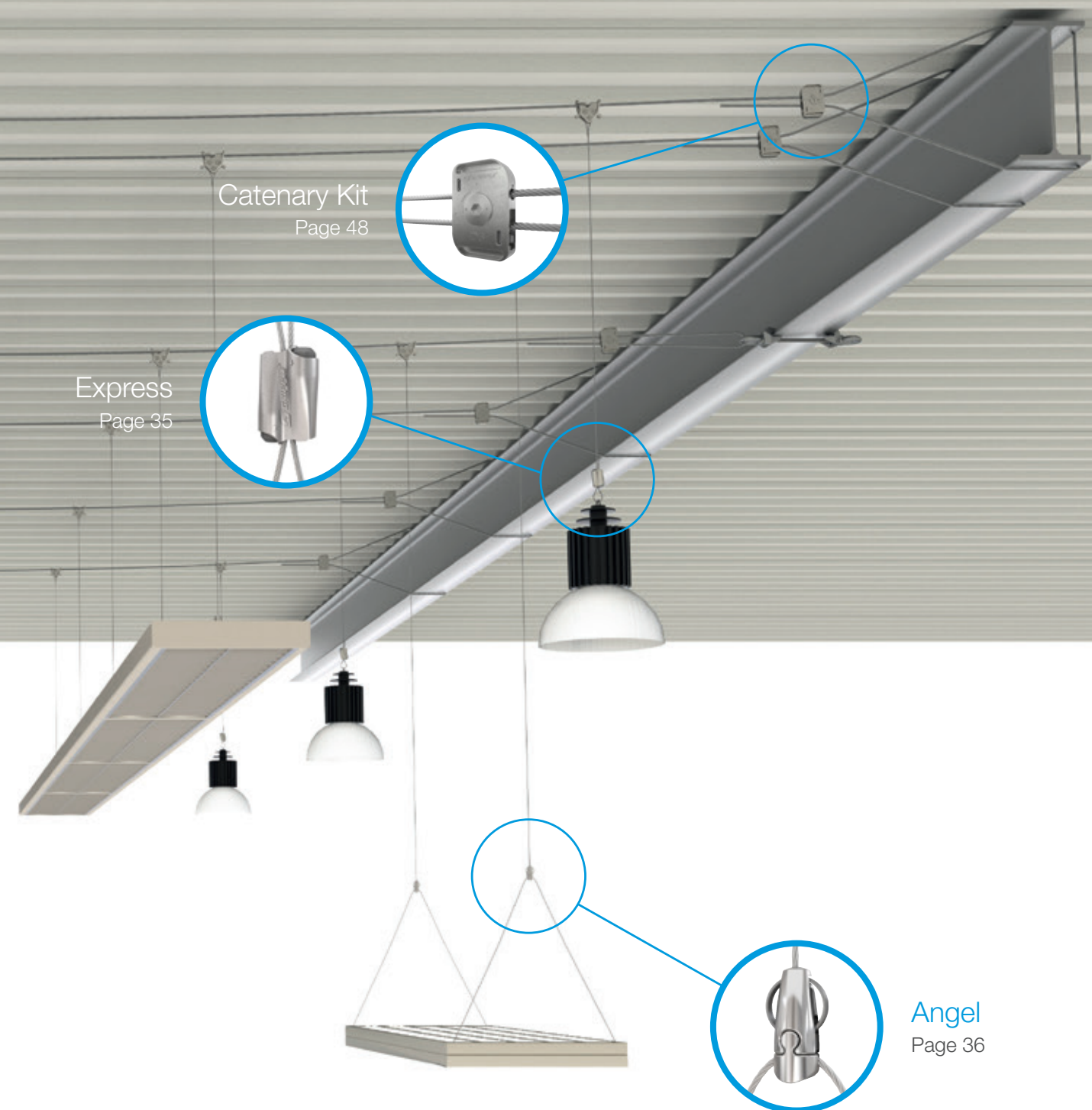
**The Gripple®** range of supports and hangers for electrical applications has been developed to provide a fast and versatile solution for suspending all types of electrical containment.

**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.

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



# Lighting



**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.

**Gripple 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.

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

Angel has a wide range of feet available to suit your lighting application. See page 37 for details.



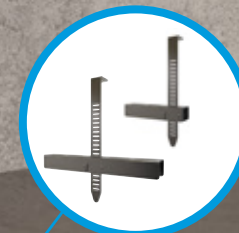


# Pipework

QT Compact Clamp &  
Low Profile Bracket  
Page 62



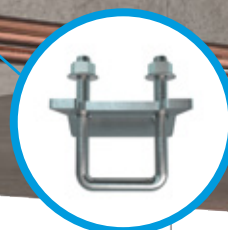
Fast Trak - Side Loading  
Page 58



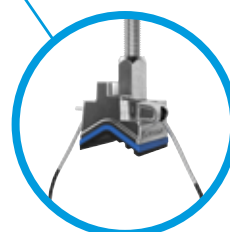
Fast Trak - Standard  
Page 56



Beam Clamp  
Page 91



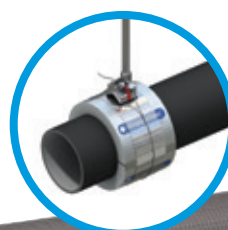
Universal Clamp  
Page 64



QT Universal Clamp  
& Universal Bracket  
Page 60



Pipe Insulation Collars  
Page 68



Wall Bracket  
Page 66



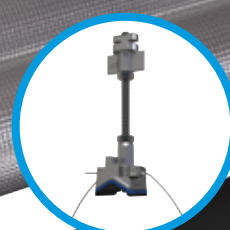
UniGrip - QT  
Page 41



UniGrip - Central Exit  
Page 41



Height Adjustable  
Universal Clamp  
Page 65



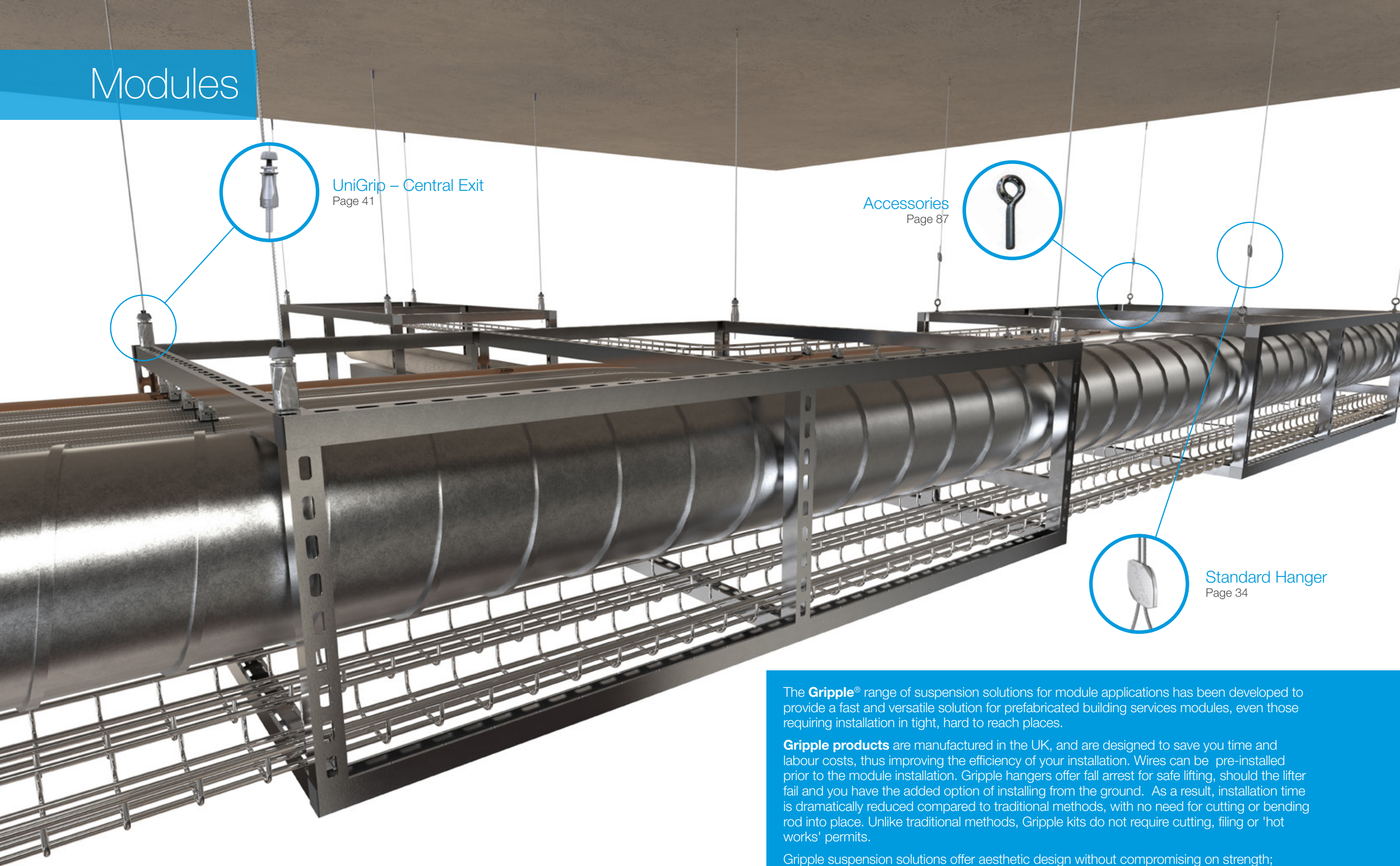
**The Gripple®** range of supports and hangers has been developed to provide a fast and versatile solution for suspending all types of pipework.

**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.

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



# Modules



UniGrip – Central Exit  
Page 41

Accessories  
Page 87

Standard Hanger  
Page 34

The **Gripple®** range of suspension solutions for module applications has been developed to provide a fast and versatile solution for prefabricated building services modules, even those requiring installation in tight, hard to reach places.

**Gripple products** are manufactured in the UK, and are designed to save you time and labour costs, thus improving the efficiency of your installation. Wires can be pre-installed prior to the module installation. Gripple hangers offer fall arrest for safe lifting, should the lifter fail and you have the added option of installing from the ground. As a result, installation time is dramatically reduced compared to traditional methods, with no need for cutting or bending rod into place. 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.

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



# Signage



InvisiGrip  
Page 44



Angel  
Page 36



Express  
Page 35



Standard Hanger  
Page 34



Angel  
Signage Rail  
Page 36

**The Gripple®** range of signage products has been developed to provide complete solutions 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.

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



# Acoustics

Catenary Kit  
Page 48

C-Clip  
Page 48

Angel  
Page 36

Express  
Page 35

InvisiGrip  
Page 44

Acoustic Spring  
Anchor  
Page 92

**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, filling 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.

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



# Black Suspension Solutions



**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.

This range is ideal for use in a wide variety of environments where aesthetics are paramount, including retail spaces, theatres, exhibition centres and concert halls.

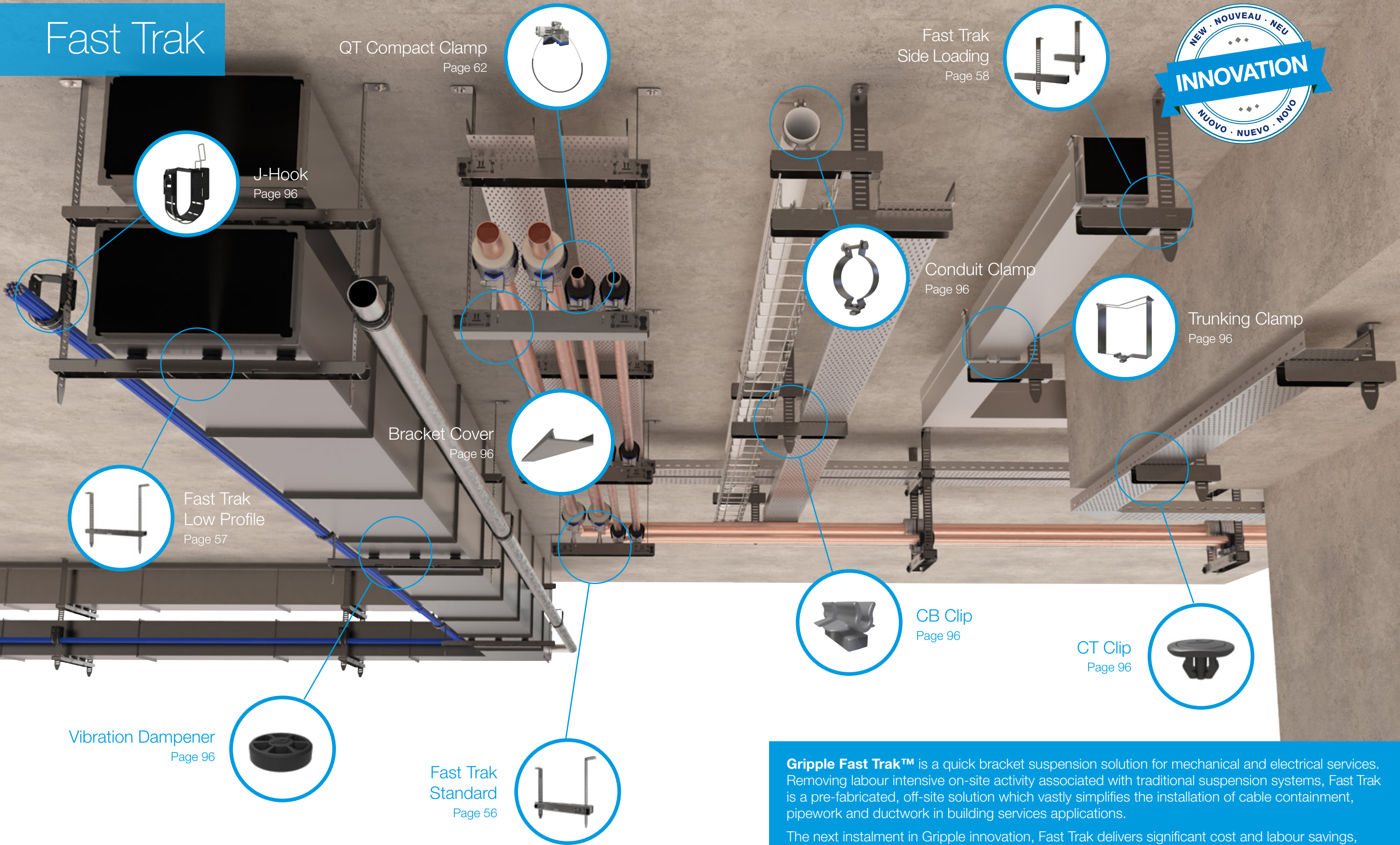
Each kit is supplied complete with a black hanger, wire rope and end fixing of your choice.

For further information please call 0800 018 4264  
or email [sales@gripple.com](mailto:sales@gripple.com)

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



# Fast Trak



QT Compact Clamp  
Page 62

Fast Trak  
Side Loading  
Page 58



J-Hook  
Page 96

Conduit Clamp  
Page 96

Trunking Clamp  
Page 96

Bracket Cover  
Page 96

Fast Trak  
Low Profile  
Page 57

CB Clip  
Page 96

CT Clip  
Page 96

Vibration Dampener  
Page 96

Fast Trak  
Standard  
Page 56

**Gripple Fast Trak™** is a quick bracket suspension solution for mechanical and electrical services. 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.

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



# UniGrip



**Gripple® UniGrip** is the next generation wire rope suspension system, and a complete solution for the suspension of all building services applications. Offering Gripple's best ever load performance, alongside easier adjustment and a range of 'feet' to cater for all building services and installation methods, UniGrip is our most impressive single channel suspension solution to-date.

Up to six times faster to install than traditional suspension methods, UniGrip facilitates faster project completion for the contractor while offering an aesthetic, consistent finish across the entire building services installation.

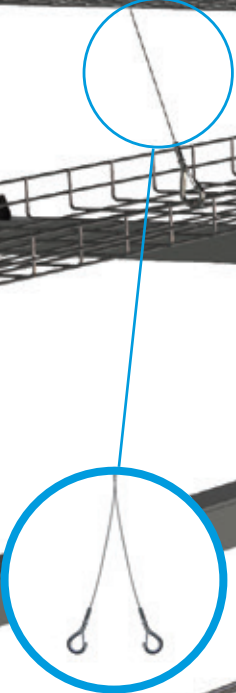
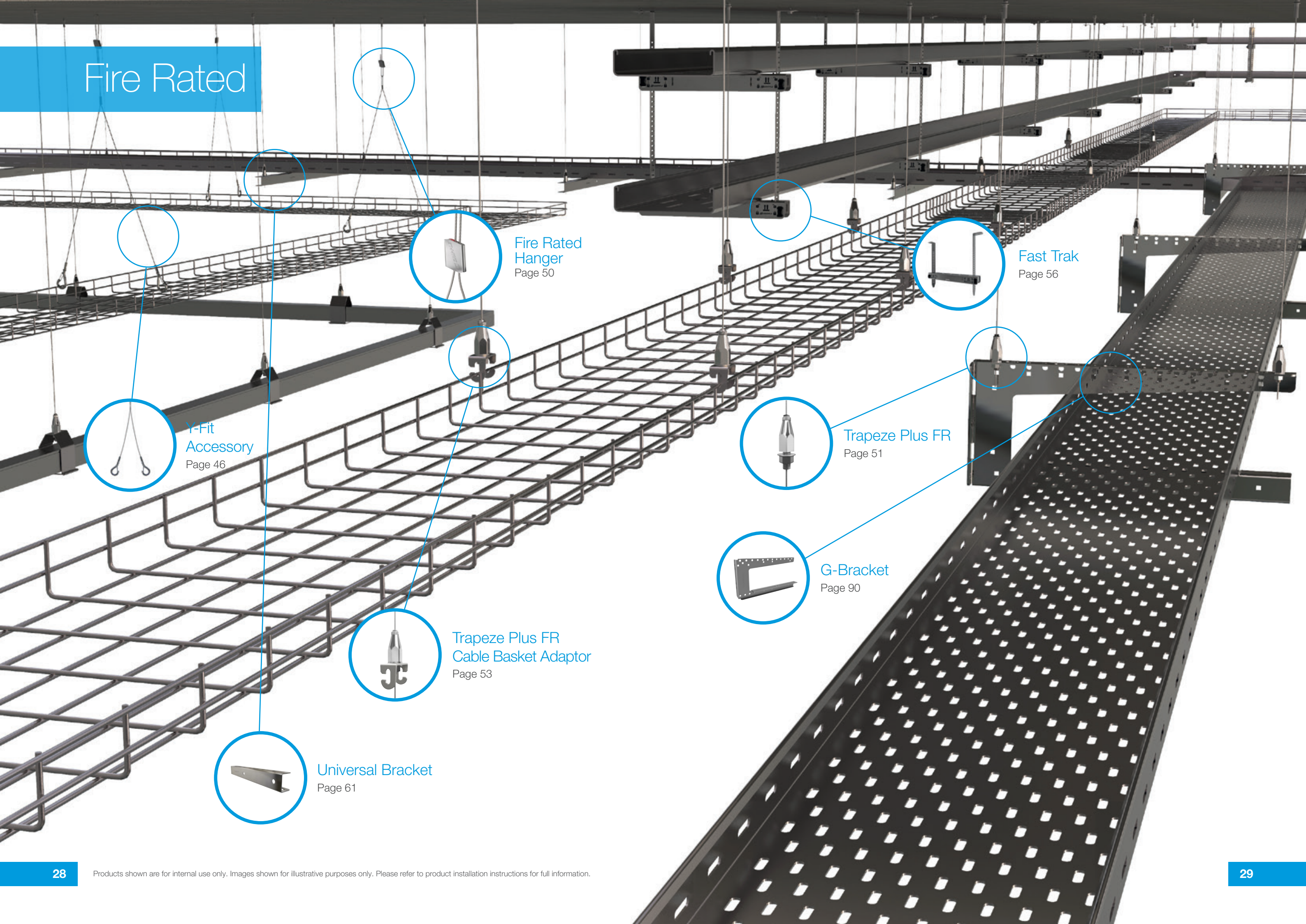
See UniGrip product information on page 40

For further information please call 0800 018 4264  
or email [sales@gripple.com](mailto:sales@gripple.com)

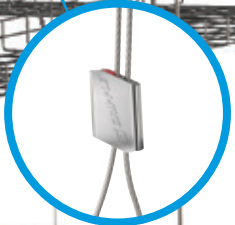
Products shown are for internal use only. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.



# Fire Rated



Y-Fit  
Accessory  
Page 46



Fire Rated  
Hanger  
Page 50



Trapeze Plus FR  
Cable Basket Adaptor  
Page 53



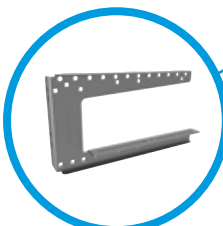
Universal Bracket  
Page 61



Fast Trak  
Page 56



Trapeze Plus FR  
Page 51



G-Bracket  
Page 90



## Other applications

For further information please call 0800 018 4264 or email [sales@gripple.com](mailto:sales@gripple.com)



Seismic Bracing & Blast Protection Systems



Seasonal (External Catenaries)



Bracing Solutions



Solar Panel Installation





# Products

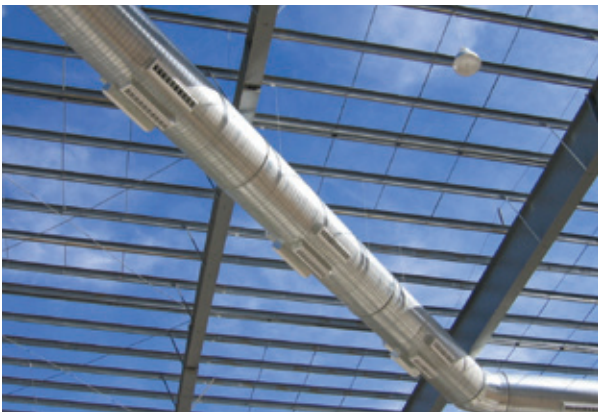
Standard Hanger	page 34
Express	page 35
Angel	page 36
Stainless Steel Hanger	page 38
UniGrip	page 40
Duct & Butterfly Trapeze	page 42
InvisiGrip	page 44
Y-Fit & Y-Fit Accessory	page 46
Catenary Kit & C-Clip	page 48
Fire Rated Hanger	page 50
Trapeze Plus FR	page 51
Fire Rated Clip	page 52
Fire Rated Information	page 54
Fast Trak - Standard	page 56
Fast Trak - Low Profile	page 57
Fast Trak - Side Loading	page 58
QT Universal Clamp	page 60
Universal Bracket	page 61
QT Compact Clamp	page 62
Low Profile Bracket	page 63
Universal Clamp	page 64
Height Adjustable Universal Clamp	page 65
Wall Bracket	page 66
Pipe Insulation Collars	page 68








# Standard Hanger

A versatile suspension kit for a variety of applications including the suspension of HVAC, pipework and electrical containment from different substrates.

- Quick** – fewer components compared to traditional methods, up to six times faster to install than traditional suspension systems
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site
- Strong** – industry approved, conforms to DW/144
- Lightweight** – easy to move and handle on-site, whilst reducing the load on the building structure
- Aesthetic** – the design complements enclosed and open soffit spaces

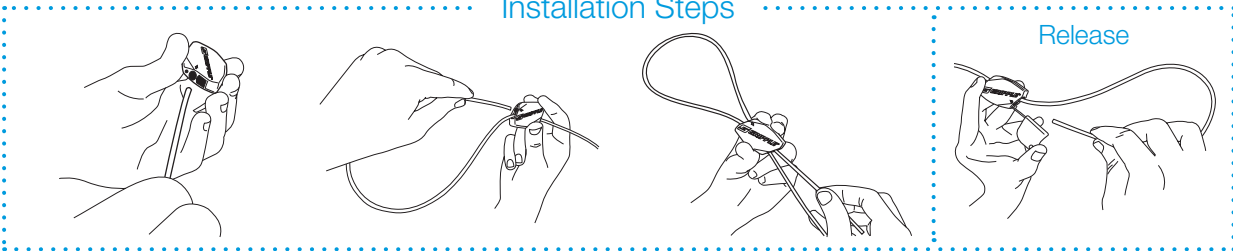


### Available Sizes and Load Ratings

	<b>No. 1</b> 10 kg SWL (5:1)		<b>No. 2</b> 45 kg SWL (5:1)		<b>No. 3</b> 90 kg SWL (5:1)		<b>No. 4</b> 225 kg SWL (5:1)		<b>No. 5</b> 325 kg SWL (5:1)
---	---------------------------------------	---	---------------------------------------	---	---------------------------------------	--	--	---	--

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

### Installation Steps



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.

**End Fixings**  
Page 71

**Accessories**  
Page 87

**Technical**  
Page 99

**Product codes**  
Page 39


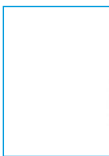
# Express

Tool free suspension kit designed with a keyless release mechanism for fast suspension of a variety of applications from different substrates including M&E, lighting, signage and acoustics.

- Versatile** – Express No. 1 is ideal for signage, shop fitting, lighting and other lightweight fixtures. Express No. 2 is ideal for mechanical and electrical applications
- Quick** – ergonomic buttons allow for rapid adjustment, no Setting Key required
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site
- Aesthetic** – the design complements enclosed and open soffit spaces
- Lightweight** – easy to move and handle on-site, whilst reducing the load on the building structure

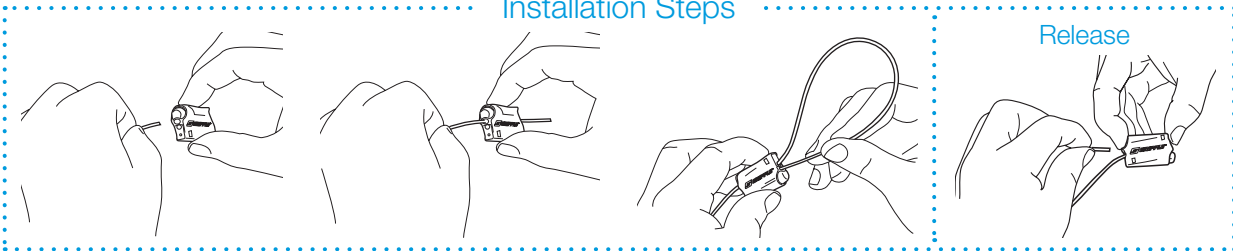


### Available Sizes and Load Ratings

	<b>No. 1</b> 15 kg SWL (5:1)		<b>No. 2</b> 45 kg SWL (5:1)
---	---------------------------------------	---	---------------------------------------

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

### Installation Steps



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.

**End Fixings**  
Page 71

**Accessories**  
Page 87

**Technical**  
Page 99

**Product codes**  
Page 39



# Angel

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

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



### Available Sizes and Load Ratings

	<b>No. 1</b> 15 kg SWL (5:1)
---	------------------------------------

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













### Installation Steps



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.

# Angel Feet

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

	<b>Y-Fit</b> <ul style="list-style-type: none"><li>Dual fixing points for balance</li><li>150, 300 and 500 mm leg lengths as standard</li><li>Available with a variety of wire end fixings</li><li>Central wire exit</li></ul>		<b>Swivel</b> <ul style="list-style-type: none"><li>Swivel feature for suspension at angles up to 90°</li><li>Available in M4, M6, M8 and 1/4" UNC</li><li>Female: maximum insertion depth 6 mm</li><li>Male: 15 mm exposed thread length as standard</li><li>Side wire exit</li></ul>
	<b>Hook</b> <ul style="list-style-type: none"><li>Ideal for light fittings, signage, or for use with eyebolts, spring and wire anchors</li><li>Safety clasp for security</li><li>Integrated hook with 2.5 mm clearance</li><li>Side wire exit</li></ul>		<b>Disc</b> <ul style="list-style-type: none"><li>Ideal for use with various lighting tracks and track hangers</li><li>Disc diameter 17.5 mm</li><li>Available with a variety of wire end fixings</li><li>Side wire exit</li></ul>
	<b>Side Exit Female</b> <ul style="list-style-type: none"><li>Female threaded foot, ideal for direct attachment to light fittings, frames and acoustic panels</li><li>Available in M4, M6 and 1/4" UNC</li><li>Maximum insertion depth 6 mm</li><li>Side wire exit</li></ul>		<b>Signage Rail</b> <ul style="list-style-type: none"><li>Ideal for suspending signage or panels on either a rail or by screws</li><li>Two screw holes for direct attachment</li><li>Central wire exit</li></ul>
	<b>Side Exit Male</b> <ul style="list-style-type: none"><li>Threaded male foot, ideal for direct attachment to light fittings, frames and acoustic panels</li><li>Available in M4, M6 and 1/4" UNC as standard. M5, M8, M10 and M13 adaptors available</li><li>15 mm exposed thread length as standard, bespoke lengths on request</li><li>Side wire exit</li></ul>		<b>Four Point</b> <ul style="list-style-type: none"><li>Ideal for light panels with multi fixing points</li><li>Perfect for even balance of square modules</li><li>Side wire exit</li><li>Four Point disc diameter 16 mm</li></ul>
	<b>Central Exit</b> <ul style="list-style-type: none"><li>Threaded male foot, ideal for direct attachment to light fittings</li><li>Available in M6 and 1/4" UNC, as standard</li><li>5 mm minimum exposed thread length as standard, bespoke lengths on request</li><li>Central wire exit</li></ul>		<b>Knockout</b> <ul style="list-style-type: none"><li>Ideal for strip lighting with standard 22 mm 7/8" knockout holes</li><li>Slots into knockout centers and twists to lock into place</li><li>No tools needed, or the need to remove the back of the fixture</li></ul>
	<b>Signage</b> <ul style="list-style-type: none"><li>Ideal for signage up to 5 mm in thickness</li><li>Grub screw for direct attachment</li><li>Available with a variety of wire end fixings</li><li>Side wire exit</li></ul> <p>SWL dependent on the material it is used to suspend</p>		<b>Helix</b> <ul style="list-style-type: none"><li>Ideal for fast installation and easy adjustment of acoustic panels</li><li>Helix screw locks simply into acoustic panels using a hex key</li><li>Locks into acoustic panel with audible click to confirm secure installation</li><li>Central and side wire exit options</li></ul>



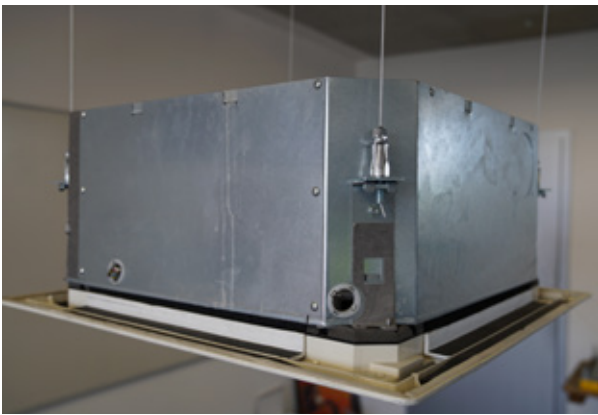







# UniGrip

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

- Quick** – up to 6 times faster than traditional suspension systems
- Safe** – can be pre-installed to channel using pre-fitted washer/nut or using retention clip reducing time working at height
- Easy** – integral ergonomically designed release button allows for simple adjustment
- Secure** – button acts as a locking screw and indicator clearly highlights the wire is locked in position for ultimate security
- Versatile** – variety of foot attachments available to suit applications
- Strong** – highest load rating capability to date, up to 250 kg SWL with a 5:1 safety factor

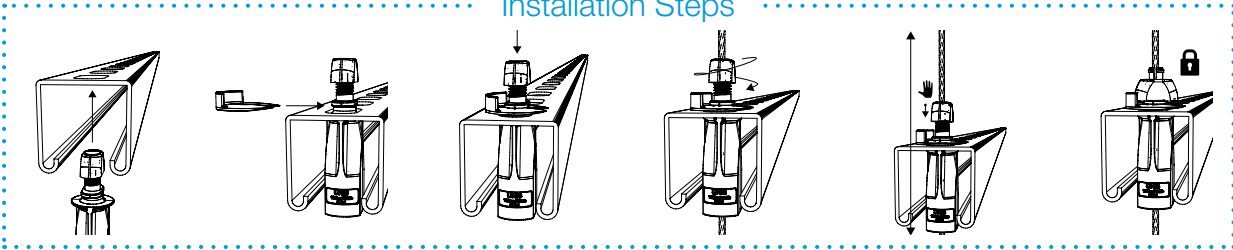


## Available Sizes and Load Ratings

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

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










## Installation Steps

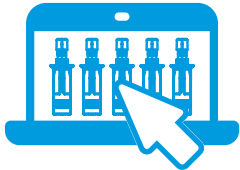


Contact Gripple for full product information, submittal data and technical support.

# UniGrip Feet

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

	<b>Standard</b> <ul style="list-style-type: none"> <li>Designed for non mechanical fixing through brackets</li> <li>Supplied with retention clip for pre-fabrication applications</li> <li>Central wire exit</li> </ul>		<b>QT</b> <ul style="list-style-type: none"> <li>Designed for use with Gripple Universal Brackets</li> <li>Quarter turn installation, no mechanical fix required</li> <li>Safety clip for added security</li> <li>Central wire exit</li> </ul>		<b>Calibra</b> <ul style="list-style-type: none"> <li>Designed for adjustment of building services under load</li> <li>35 mm of finite adjustment using integral adjustment pillar and M8 thread</li> <li>Side wire exit</li> </ul>
	<b>Hook</b> <ul style="list-style-type: none"> <li>Self closing latch for security</li> <li>Designed for heating/cooling panels and light fittings</li> <li>Side wire exit</li> </ul>		<b>Y-Fit</b> <ul style="list-style-type: none"> <li>Designed for lighting or containment</li> <li>Dual fixing points for balance</li> <li>150 mm, 300 mm and 500 mm leg lengths as standard</li> <li>Legs available with a variety of wire end fixings eg. Toggle, Snap Hook etc.</li> <li>Side wire exit</li> </ul>		<b>Side Exit</b> <ul style="list-style-type: none"> <li>Designed for applications in which wire cannot exit centrally (avoiding clashes with services)</li> <li>Supplied with a hex nut</li> <li>Side wire exit</li> </ul>
	<b>Phenolic Adaptor</b> <ul style="list-style-type: none"> <li>Ideal for phenolic &amp; PIR fabricated ductwork</li> <li>Fast, tool free insertion with less time at height</li> <li>Push-fit directly into the underside of the duct</li> <li>15 kg SWL per bracket at 5:1 safety factor</li> </ul>		<b>Central Exit with square washer &amp; channel nut</b> <ul style="list-style-type: none"> <li>Designed for services suspended with channel</li> <li>Supplied with a channel nut</li> <li>Male thread for mechanical fixing</li> <li>M8 (UniGrip No.2)</li> <li>M10 (UniGrip No.3)</li> <li>M12 (UniGrip No.4)</li> <li>Central wire exit</li> </ul>		<b>Central Exit with hex nut</b> <ul style="list-style-type: none"> <li>Designed for services suspended with channel</li> <li>Supplied with a hex nut</li> <li>Male thread for mechanical fixing</li> <li>M8 (UniGrip No.2)</li> <li>M10 (UniGrip No.3)</li> <li>M12 (UniGrip No.4)</li> <li>Central wire exit</li> </ul>



[www.gripple.com/unigrip](http://www.gripple.com/unigrip)







# InvisiGrip

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



**Discreet** – translucent hanger and filament ensures 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 the user to simultaneously adjust the position of the hanger, as well as the products suspended, in one simple movement

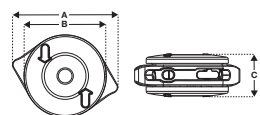
**Fast** – install and adjust in seconds, eliminating signage rails and complex assemblies

**Ready-to-use** – delivered as pre-made kits with your chosen end fixing and set length of filament, or as a DIY kit complete with InvisiGrip Hangers, a reel of InvisiGrip grade filament and filament cutters

**Safe** – 5 kg Safe Working Load with a 5:1 safety factor



## Dimensions and Load Rating



A - 26 mm  
B - 20 mm  
C - 10 mm

InvisiGrip

5 kg Safe Working Load (5:1)  
Minimum Load - 100 g per hanger

## Installation Steps




Always support load before adjusting. Contact Gripple for full product information, submittal data and technical support.

# InvisiGrip Suspension Kits

How to work out your unique product code:

1


PRODUCT




InvisiGrip  
IG1

2


CHOOSE YOUR END FIXING




Loop  
LG




C-Clip 3 mm  
CC3




90° Eyelet  
EY906G




Mini Hook  
MHG




M6 Stud  
S6G



Cladding Hook  
CHG



Top Hat Barrel  
BB6



Twist Clip White  
TCW

3

CHOOSE YOUR WIRE LENGTH

1M

3M

5M

10M

Enter your unique product code (e.g. IGI-LG-10M):

I

G

1

-

-

PRODUCT

END FIXING

FILAMENT LENGTH

## Professional Signage Kit

Ideal for fast changing retail environments,  
supplied in a handy dispenser box\*

Contains:

100 x InvisiGrip  
100 m InvisiGrip Filament  
1 x Filament Cutters

\* Top up packs available



## Filament Cutters

Ideal for making crisp 45° cuts through filament, creating a cut that is easy to feed through the InvisiGrip hanger.



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






# Y-Fit & Y-Fit Accessory

Ideal for balanced containment, lighting and pipework.

- Simple** – single point suspension with double hanging points to enable one leg to be detached to allow access to cables, etc.
- Versatile** – variety of different end fixings including Snap Hook, Cable Tray Hook, Toggle and Karabiner for attachment to a wide range of services
- Quick & easy installation** – accessory version is ideal for longer drops to easily reach services for adjustment
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site
- Strong** – industry approved

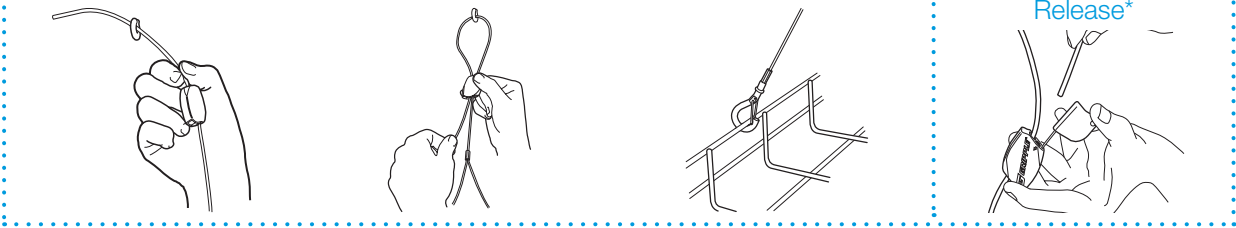


## Available Sizes and Load Ratings

	<b>No. 1</b> 10 kg SWL (5:1)		<b>No. 2</b> 45 kg SWL (5:1)		<b>No. 3</b> 90 kg SWL (5:1)
---	------------------------------------	---	------------------------------------	--	------------------------------------


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


## Installation Steps





# Y-Fit Kit Codes


1CHOOSE YOUR PRODUCT


  
Y-Fit No. 1  
YHF1

  
Y-Fit No. 2  
YHF2


  
Y-Fit No. 3  
YHF3


  
Y-Fit Accessory No. 1  
AY1


  
Y-Fit Accessory No. 2  
AY2


  
Y-Fit Accessory No. 3  
AY3

2CHOOSE YOUR LEG END FIXING

  
Toggle  
TG

  
Snap Hook  
HG

  
Link Hook  
NG

  
Cable Tray Hook  
CTG

3CHOOSE YOUR WIRE LENGTH\*

1M

2M

3M

4M

5M

10M

\* Not available on Y-Fit Accessory

4CHOOSE YOUR LEG LENGTH\*

150MM

300MM

500MM

\* Bespoke leg lengths are available, please call 0800 018 4264

Enter your unique product code (e.g. YHF3-HG-4M-300MM):

-

-

-

PRODUCTLEG END FIXINGWIRE LENGTHLEG LENGTH









# Fire Rated Hanger

The Fire Rated Hanger range is a fire-resistant solution developed in accordance with BS EN 1363-1:2012.

- Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2012. For certification to support load limits and exposure times, see page 55
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site
- Anti-tamper** – requires tool to release
- Strong** – ceramic rollers provide extra strength and corrosion resistance
- Versatile** – available in two sizes for a safe working load at ambient temperature of 45 kg (No. 2) and 90 kg (No. 3)

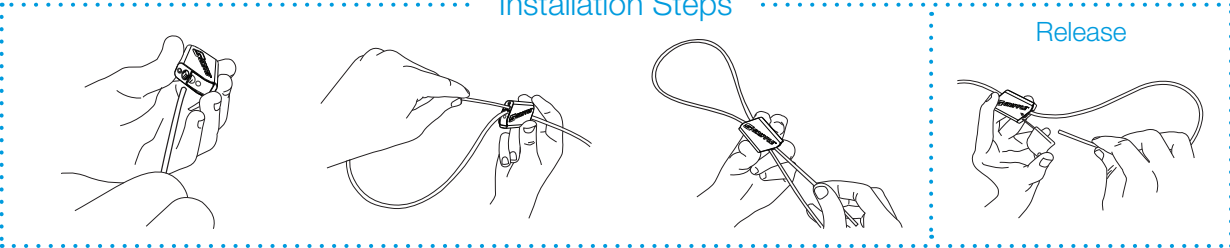


## Available Sizes and Load Ratings

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

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

## Installation Steps



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.




# Trapeze Plus FR

Designed for quick attachment to channel for the fast suspension of a variety of applications including HVAC, pipework and electrical containment where fire resistance is required.

- Fire rated** – BRE tested to F120 to the temperatures associated with BS476 Part 20 / DIN4102 Part 2. For certification to support load limits and exposure times, see page 55
- Simple** – fast and easy installation using the washer or channel nut supplied to pre-install into Gripple Universal Bracket or channel reducing time spent working at height
- Quick** – integral adjustment button allows for rapid adjustment, no Setting Key required
- Secure** – locking screw prevents movement of services once positioned
- Strong** – industry approved
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site



## Available Sizes and Load Ratings

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

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

## Installation Steps



\*When releasing: 1. Remove load, 2. Pull tail wire, 3. Activate pin. Do not adjust under load.





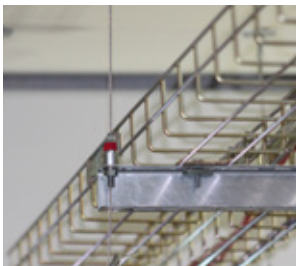


# FIRE-RATED SUSPENSION SYSTEMS

TESTED TO BS EN 1363-1:2012 FOR ALL ELECTRICAL SERVICES



As market leaders in the suspension of electrical containment, Gripple Ltd have an independently tested range of fully compliant, fire-resistant suspension systems, tested to BS EN 1363-1:2012.



Trapeze Plus FR



Fire Rated Hanger



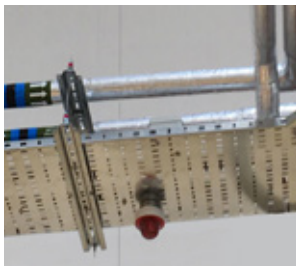
Cable Basket Adaptor



Y-Fit Accessory



Universal Bracket



Low Profile Bracket



Fast Trak



G-Bracket

## Fire Rated Product Matrix

	3rd Party Fire Tested to BS 476 (ISO 843) Fire Curve Temperatures			
Temperature	842°C	945°C	1006°C	1049°C
Test Duration	30 mins (F30)	60 mins (F60)	90 mins (F90)	120 mins (F120)
Gripple Fire Rated Hangers				
HF2...SS-F	15 kg	7.5 kg	2.5 kg	2.5 kg
HF3...SS-F	45 kg	20 kg	10 kg	10 kg
Gripple FR Y-Fit Accessories				
AY2-HG...SS-F - Snap Hook End Fixing	15 kg	*5 kg	2.5 kg	2.5 kg
AY3-HG...SS-F - Snap Hook End Fixing	45 kg	20 kg	10 kg	*7.5 kg
AY2-KS...SS-F - Karabiner (8-80S) End Fixings	15 kg	7.5 kg	2.5 kg	–
AY3-KS...SS-F - Karabiner (8-80S) End Fixings	25 kg	20 kg	10 kg	–
Gripple Trapeze Plus FR Hangers				
MTZ2...SS-F	15 kg	7.5 kg	2.5 kg	2.5 kg
MTZ3...SS-F	45 kg	20 kg	10 kg	10 kg
MTZ4...F	100 kg	50 kg	25 kg	25 kg
Gripple Trapeze Plus FR Hangers with Cable Basket Adaptor				
MTZ2...SS-CBA-F	15 kg	7.5 kg	2.5 kg	2.5 kg
Gripple Trapeze Plus FR Hangers - Side Exit				
MTS2...SS-F	15 kg	7.5 kg	2.5 kg	2.5 kg
MTS3...SS-F	45 kg	20 kg	10 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**				
Fast Trak - Standard Bracket (all sizes)	90 kg	45 kg	45 kg	45 kg
Fast Trak - Side Loading - Single	15 kg	15 kg	15 kg	15 kg
Fast Trak - Side Loading - Twin (all sizes)	2 x 7.5 kg	2 x 7.5 kg	2 x 7.5 kg	2 x 7.5 kg
Fast Trak - Low Profile (all sizes)	90 kg	45 kg	45 kg	45 kg
J-Hook	1.25 kg	1.25 kg	1.25 kg	0.5 kg
Fire Rated Clip				
FRC-S-100-P-SS-F (Fire Rated Clip - Single)	0.24 kg	–	–	–
FRC-D-100-P-SS-F (Fire Rated Clip - Double)	2 x 0.24 kg	–	–	–

	Loop	M8 Stud	M8 Channel Nut	M10 Stud	Eyelet	90° Eyelet	Toggle	DX Shot Fire †
Gripple Fire Rated Hangers								
HF2...SS-F	■	■	■	–	■	■	–	■
HF3...SS-F	■	■	■	–	■	o	■	–
Gripple Trapeze Plus FR Hangers								
MTZ2...SS-F	■	■	■	–	■	■	■	■
MTZ3...SS-F	■	■	■	–	■	o	■	–
MTZ4...F	–	–	–	■	–	–	–	–
Gripple Trapeze Plus FR Hangers with Cable Basket Adaptor								
MTZ2...SS-CBA-F	■	■	■	–	■	■	■	■
Gripple Trapeze Plus FR Hangers - Side Exit								
MTS2...SS-F	■	■	■	–	■	■	■	■
MTS3...SS-F	■	■	■	–	■	o	■	–

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

Notes  
British Standards Institution, BS 476-20:1987, Fire tests on building materials and structures - Part 20: Method for the determination of the fire resistance of elements of construction (general principles), BSI London, 1987. 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)  
† Refer to Hilti Direct Fastening Technology Manual 2015 for fire resistance details




# Fast Trak™ - Standard

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

- Quick** – up to six times faster to install than traditional suspension systems
- Safe** – pre-fabricated system which removes the need to cut threaded rod or channel on-site
- Tool free** – bracket can be moved up and down the tracks to accommodate changes in position during installation
- Secure** – safety locks ensure security once brackets and tracks are in place
- Zero waste** – tracks bend neatly under bracket
- Aesthetic** – tracks can be concealed using Fast Trak Bracket Cover for a discreet finish
- Space saver** – can be multi-tiered to accommodate additional services
- Easy measurement** – indicators at each end of the bracket can be used as a measurement guide when marking fixing points in the soffit
- Neat & tidy** – system can be 'stacked' to reduce storage on-site
- Fire rated** – for more information please contact Gripple Technical Services




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

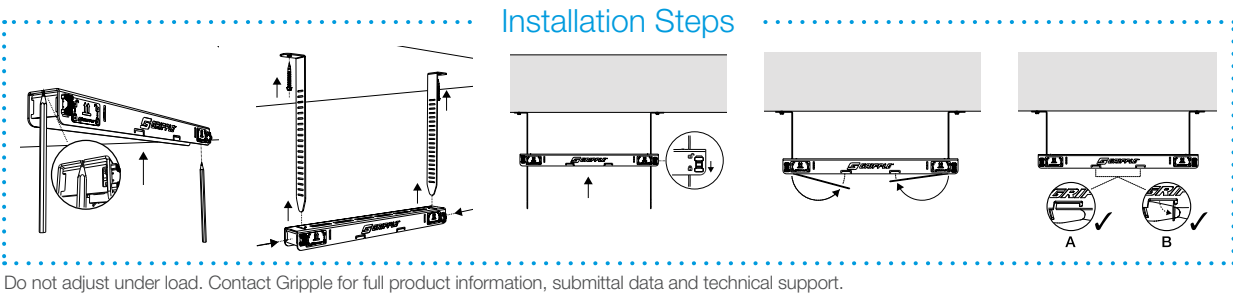


FTB-250 – 180 kg SWL (3:1)	FTB-600 – 180 kg SWL (3:1)	FTB-1050 – 90 kg SWL (3:1)
FTB-350 – 180 kg SWL (3:1)	FTB-750 – 180 kg SWL (3:1)	FTB-1200 – 90 kg SWL (3:1)
FTB-450 – 180 kg SWL (3:1)	FTB-900 – 180 kg SWL (3:1)	FTB-1500 – 90 kg SWL (3:1)

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



FTT-135 – 90 kg SWL (5:1)	FTT-785 – 90 kg SWL (5:1)
FTT-285 – 90 kg SWL (5:1)	FTT-1035 – 90 kg SWL (5:1)
FTT-535 – 90 kg SWL (5:1)	

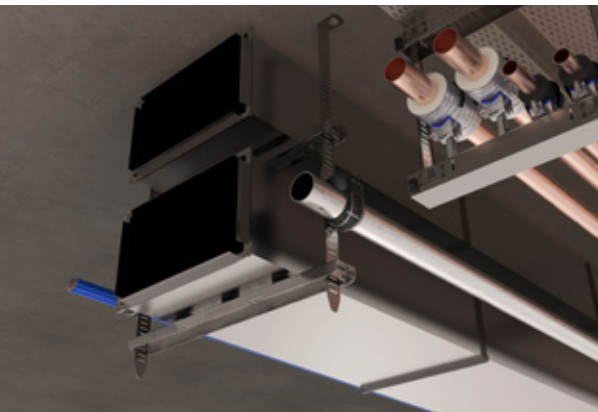


Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.


# Fast Trak™ - Low Profile

A low profile alternative to the standard Fast Trak bracket, offering a more efficient use of space. Ideal for use with electrical containment, pipework and mechanical services in ultra-restricted ceiling spaces.

- Space saver** – 21 mm bracket depth
- 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** – brackets can be moved up and down the tracks to accommodate changes in position during installation
- 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
- Fire rated** – for more information please contact Gripple Technical Services




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

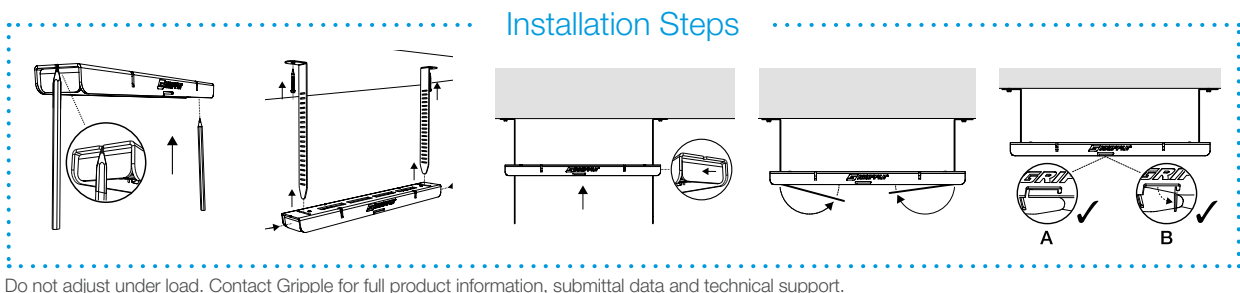


FTBL-250 – 90 kg SWL (3:1)	FTBL-600 – 50 kg SWL (3:1)	FTBL-1050 – 20 kg SWL (3:1)
FTBL-350 – 90 kg SWL (3:1)	FTBL-750 – 40 kg SWL (3:1)	FTBL-1200 – 15 kg SWL (3:1)
FTBL-450 – 90 kg SWL (3:1)	FTBL-900 – 30 kg SWL (3:1)	

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



FTT-135 – 90 kg SWL (5:1)	FTT-785 – 90 kg SWL (5:1)
FTT-285 – 90 kg SWL (5:1)	FTT-1035 – 90 kg SWL (5:1)
FTT-535 – 90 kg SWL (5:1)	



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.



## 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

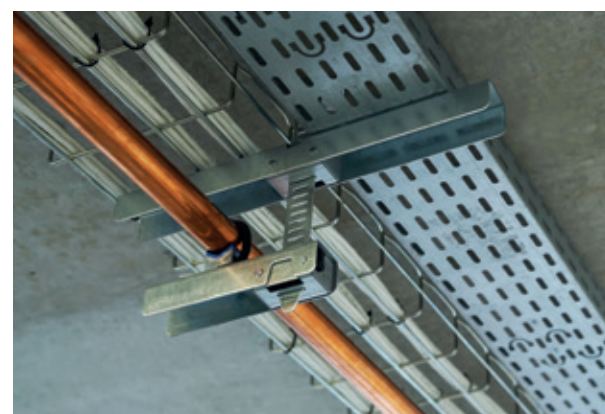
**Secure** – safety locks ensure security once brackets and tracks are in place

**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


**Fire rated** – for more information please contact Gripple Technical Services



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

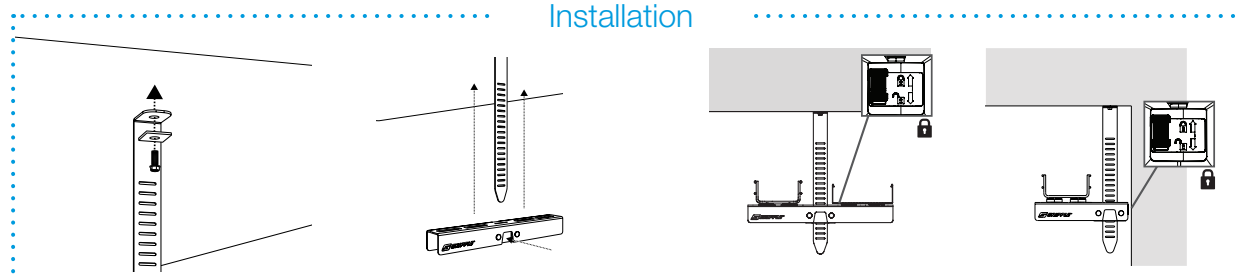
	
<p>Single Load</p> <p><b>FTBS-180</b> – 15 kg SWL (3:1)</p>	<p>Twin Load</p> <p><b>FTBT-200</b> – 30 kg SWL (3:1)</p> <p><b>FTBT-300</b> – 30 kg SWL (3:1)</p> <p><b>FTBT-400</b> – 30 kg SWL (3:1)</p>

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



**FTT-135** – 90 kg SWL (5:1)  
**FTT-285** – 90 kg SWL (5:1)

## Installation



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

## Fast Trak Kit Codes

How to work out your unique product code:

## CHOOSE YOUR BRACKET

Standard	Low Profile	Side Loading - Single	Side Loading - Twin
			
250 mm FTB-250	250 mm FTBL-250	180 mm FTBS-180	200 mm FTBT-200
350 mm FTB-350	350 mm FTBL-350		300 mm FTBT-300
450 mm FTB-450	450 mm FTBL-450		400 mm FTBT-400
600 mm FTB-600	600 mm FTBL-600		
750 mm FTB-750	750 mm FTBL-750		
900 mm FTB-900	900 mm FTBL-900		
1050 mm FTB-1050	1050 mm FTBL-1050		
1200 mm FTB-1200	1200 mm FTBL-1200		
1500 mm FTB-1500			

## CHOOSE YOUR TRACK LENGTH

### Standard & Low Profile



135 mm FTT-135	285 mm FTT-285	535 mm FTT-535*	785 mm FTT-785*	1035 mm FTT-1035*
-------------------	-------------------	--------------------	--------------------	----------------------

\* Not to be used with Fast Trak - Side Loading brackets.

## OPTIONAL ACCESSORIES

								
Conduit Clamp	J-Hook	Trunking Clamp	CT Clip	Vibration Damper	CB Clip	Bracket Cover	QT Compact Clamp	QT Clamp
FTCC-1IN FTCC-1.25IN FTCC-1.5IN FTCC-2IN FTCC-2.5IN FTCC-3IN FTCC-3.5IN FTCC-4IN	FTJH-2IN	FTCT-50 FTCT-75 FTCT-100 FTCT-150	CTC-2MM-GRY CTC-3MM-BLK	VDP-100	CBC-5MM-BLK CBC-4MM-GRY	FTBC-1100	GC2-C-400	GC2-T-400

Enter your unique product code (e.g. **FTB250-FTT135-FTJH-2IN**):

Diagram illustrating the layout of a 100m sprint race, showing the sequence of events and the corresponding lane assignments:

- BRACKET:** 8 lanes (represented by red squares).
- TRACK:** 6 lanes (represented by orange squares).
- OPTIONAL EXTRAS:** 6 lanes (represented by blue squares).

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



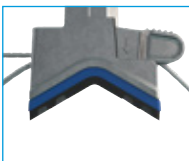
# QT Universal Clamp

Designed for use with Gripple Brackets to provide quick and easy pipework installation.

- Quick** – up to ten times faster than traditional methods due to integral mounting pillar and quarter turn attachment to Universal Bracket
- Simple** – no tools required for installation
- Universal** – replaces more than 13 different pipe rings from 15 mm copper to 6" steel
- Robust** – retractable sleeve, pre-fitted to wire rope to prevent galvanic corrosion
- Versatile** – a variety of rubber pads provide insulation against vibration (noise reduction > 23 db)
- Strong** – 75 kg SWL with a 3:1 safety factor
- Compatible** – available with Kooltherm/Armaflex pipe collars for insulated pipe
- Safe** – supplied in ready-to-use kits with Gripple Brackets, for easy site storage and waste reduction



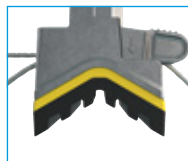
## Pad Variants



**Standard**  
Rubber pad for insulation purposes  
14 dBa reduction.



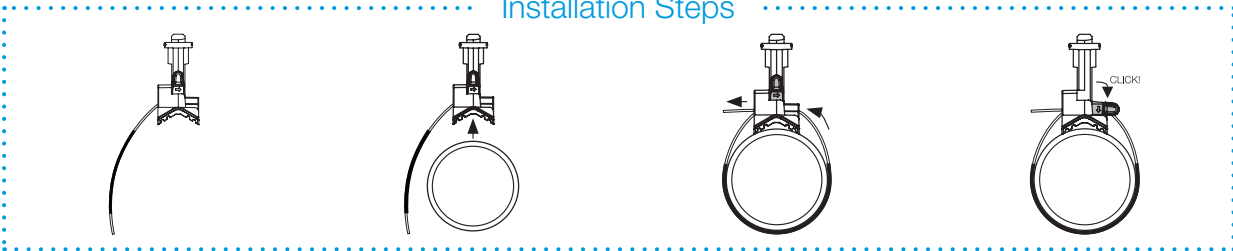
**Large**  
Improved fit for large dia. pipe  
Most suitable for 3" and above 18 dBa reduction.



**Acoustic**  
Designed to reduce noise related to water pressure  
23 dBa reduction

Clamps are supplied as ready-to-use kits with Universal or Low Profile Brackets available in various sizes.

## Installation Steps



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

**End Fixings**  
Page 71

**Accessories**  
Page 87

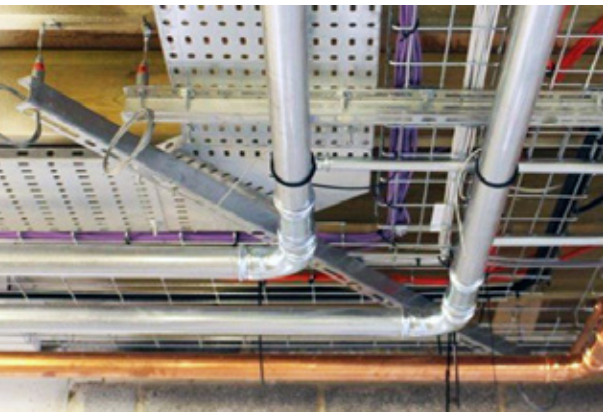
**Technical**  
Page 99

**Product codes**  
Page 67

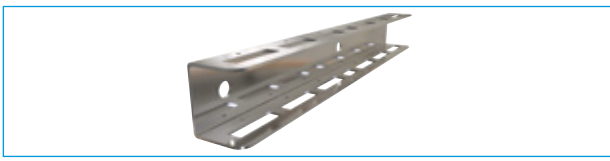
# Universal Bracket

Designed for quick and easy support of electrical containment, pipework and other mechanical services.

- Quick** – pre-cut lengths eliminate the need for cutting channel on-site, allowing more productive use of labour
- Versatile** – can be bolted directly to soffit or wall, or suspended from the soffit using a Gripple Hanger e.g. UniGrip QT
- Compatible** – integrates with QT Universal Clamp, QT Compact Clamp, Universal Clamp, UniGrip and Y-Fit Hangers
- Safe** – improved health and safety as no tools or 'hot works' permit required for installation
- Strong** – 150 kg load rating in sizes ranging from 240 mm to 1540 mm
- Flexible** – perfect for multi-service installs e.g. electrical containment or duct work on the top side and pipework on the bottom side
- Fire rated** – for more information please contact Gripple Technical Services

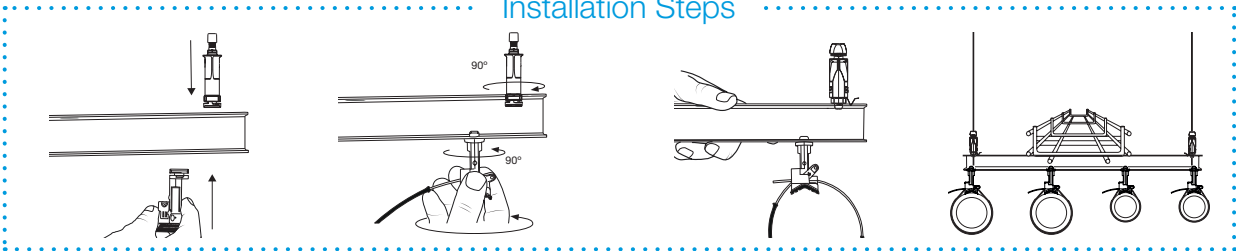


## Size Variants



Available in 100 mm increments from 240 mm - 1540 mm  
150 kg SWL

## Installation Steps



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

**End Fixings**  
Page 71

**Accessories**  
Page 87

**Technical**  
Page 99

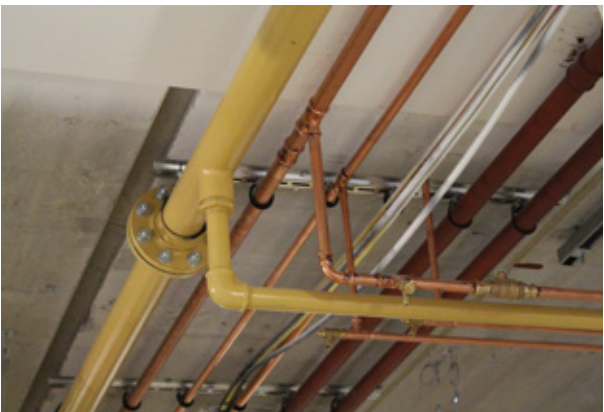
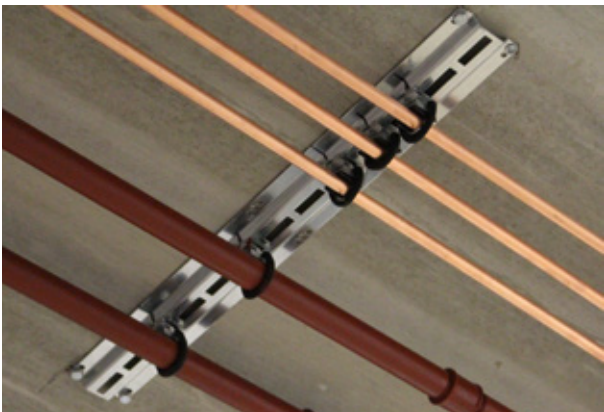
**Product codes**  
Page 67



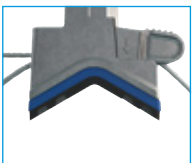
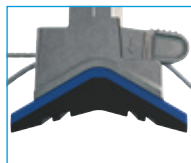
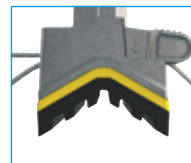
# QT Compact Clamp

Used in conjunction with Gripple Brackets for quick and easy support of all types of pipework within mechanical and plumbing services.

- Quick** – up to ten times faster than traditional methods due to integral mounting pillar and quarter turn attachment to Gripple Brackets
- Simple** – no tools required for installation
- Universal** – replaces more than 13 different pipe rings from 15 mm copper to 6" steel
- Robust** – retractable sleeve, pre-fitted to wire rope to prevent galvanic corrosion
- Versatile** – a variety of rubber pads provide insulation against vibration (noise reduction > 23 db)
- Strong** – 75 kg SWL with a 3:1 safety factor
- Compatible** – available with Kooltherm/Armaflex pipe collars for insulated pipe
- Safe** – supplied in ready-to-use kits with Gripple Brackets, for easy site storage and waste reduction

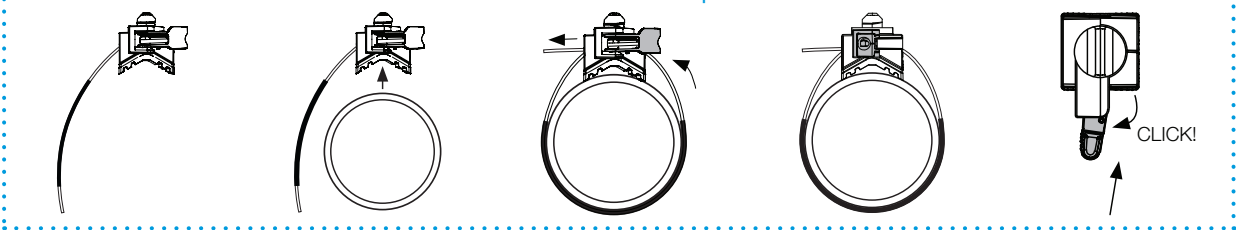


## Pad Variants

	<b>Standard</b> Rubber pad for insulation purposes 14 dBa reduction.		<b>Large</b> Improved fit for large dia. pipe Most suitable for 3" and above 18 dBa reduction.		<b>Acoustic</b> Designed to reduce noise related to water pressure 23 dBa reduction
---	--	---	--	--	---

Clamps are supplied as ready-to-use kits with Universal or Low Profile Brackets available in various sizes.

## Installation Steps



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


# Low Profile Bracket

Supplied with QT Compact Clamps for quick and easy support of pipework within mechanical and plumbing services.

- Quick** – pre-cut lengths eliminating the need for cutting channel on-site, allowing more productive use of labour
- Versatile** – can be bolted directly to soffit or wall with less than 15 mm depth and can also be used as a shallow bearer for support of electrical services
- Compatible** – brackets are supplied with QT Universal Clamps or QT Compact Clamps featuring quarter turn fixing
- Safe** – improved health and safety as no tools or 'hot works' permit required for installation
- Strong** – 150 kg load rating in sizes ranging from 250 mm to 1550 mm
- Fire rated** – for more information please contact Gripple Technical Services

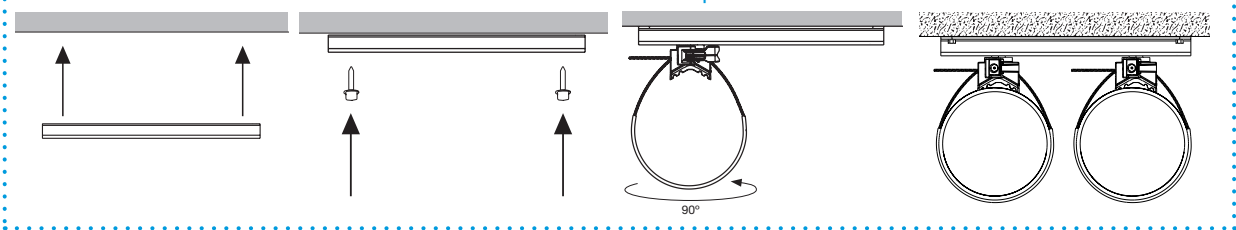


## Size Variants

	Available in 100 mm increments from 250 mm - 1550 mm 150 kg SWL
---	--

Supplied as ready-to-use kits with a choice of QT Universal Clamps or QT Compact Clamps.

## Installation Steps



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



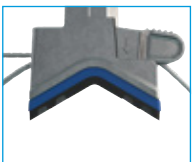
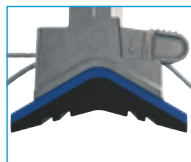
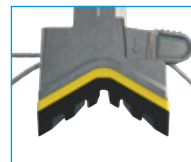
# Universal Clamp

Designed for use with Gripple Brackets to provide quick and easy pipework installation.

- Flexible** – M8/M10 dual thread allows for flexible attachment to Gripple brackets, channel and rod
- Universal** – replaces more than 13 different pipe rings from 15 mm copper to 6" steel
- Robust** – retractable sleeve, pre-fitted to wire rope to prevent galvanic corrosion
- Versatile** – a variety of rubber pads provide insulation against vibration (noise reduction > 23 db)
- Strong** – 75 kg SWL with a 3:1 safety factor
- Compatible** – available with Kooltherm/Armaflex pipe collars for insulated pipe
- Environmentally friendly** - reduced components compared to traditional methods, reducing waste and allowing easy on-site storage

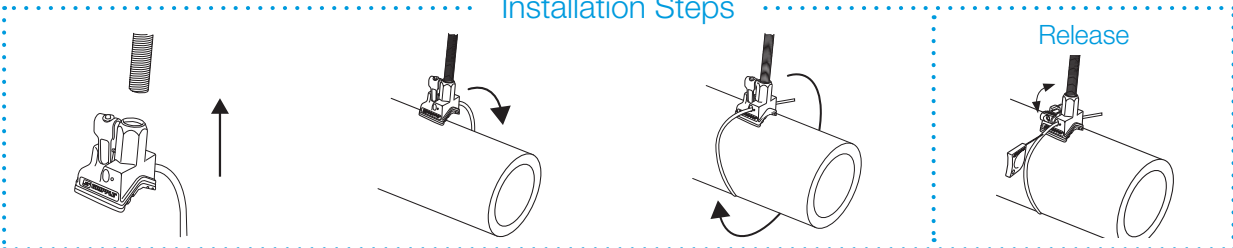


## Pad Variants

	<b>Standard</b> Rubber pad for insulation purposes 14 dBa reduction.		<b>Large</b> Improved fit for large dia. pipe Most suitable for 3" and above 18 dBa reduction.		<b>Acoustic</b> Designed to reduce noise related to water pressure 23 dBa reduction.
---	--	---	--	--	--

Clamps are supplied individually or as part of a bespoke bracket system to suit your application.

## Installation Steps

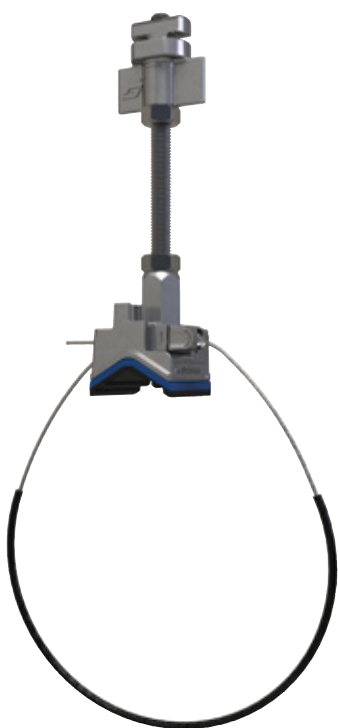


Contact Gripple for full product information, submittal data and technical support.

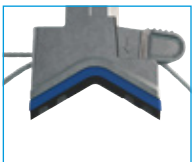
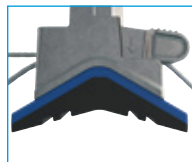
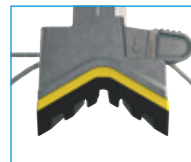
# Height Adjustable Universal Clamp

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
- 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
- Universal** – replaces more than 13 different pipe ring sizes
- 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

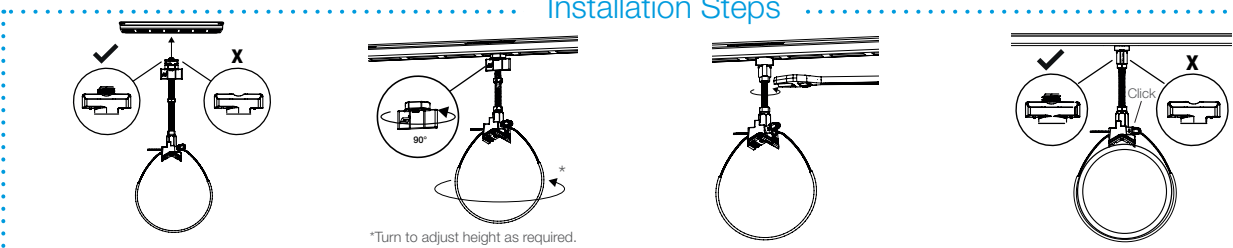


## Pad Variants

	<b>Standard</b> Rubber pad for insulation purposes 14 dBa reduction.		<b>Large</b> Improved fit for large dia. pipe Most suitable for 3" and above 18 dBa reduction.		<b>Acoustic</b> Designed to reduce noise related to water pressure 23 dBa reduction.
---	--	---	--	---	--

Clamps are supplied individually or as part of a bespoke bracket system to suit your application.

## Installation Steps



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







# Pipe Insulation Collars

Kooltherm® and Armaflex® pipe collars provide rapid installation and ensure insulation continuity without thermal breaks.

- Compatible** – designed specifically for use with Gripple pipe clamps
- Universal** – suitable for mild steel, stainless steel, copper and plastic pipes in a range of sizes
- High performance** – reduced heat loss & highly moisture resistant
- Temperature range:**  
Kooltherm -50°C to 120°C. Armaflex -183°C to 105°C
- Thermal conductivity:**  
Kooltherm 0.021 W/m·K at 10°C. Armaflex 0.036 W/m·K at 10°C



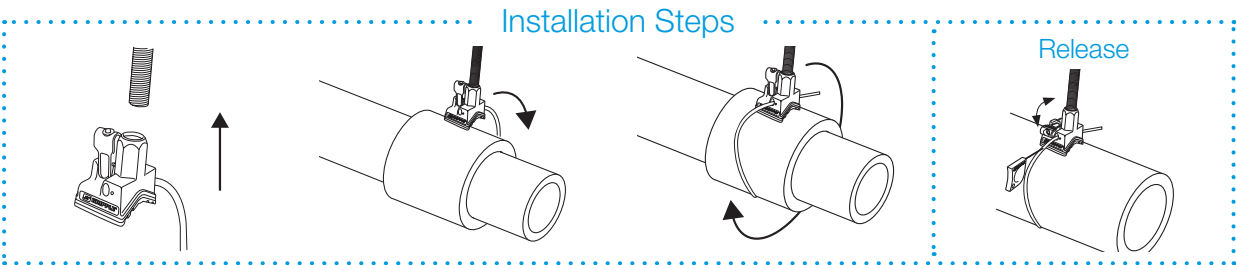
..... Thermal Efficiency .....

<b>Kooltherm®</b> -50°C to +120°C	<b>Armaflex®</b> -183°C to +105°C
--------------------------------------	--------------------------------------



..... Thermal Conductivity .....

<b>Kooltherm®</b> 0.021 W/m·K at 10°C	<b>Armaflex®</b> 0.036 W/m·K at 10°C
--	---

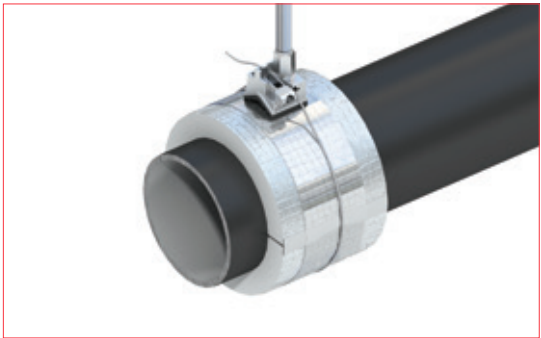


Contact Gripple for full product information, submittal data and technical support.

# Pipe Insulation Collar Codes

How to work out your unique product code:

## 1 CHOOSE YOUR INSULATION



Kooltherm®  
GKT-PS



Armaflex®  
GAF-PS

## 2 CHOOSE YOUR OUTSIDE PIPE DIAMETER (OD MM)

15	21	22	27	28	34	35
42	54	60	67	76	89	

## 3 CHOOSE YOUR INSULATION THICKNESS (MM)

KOOLTHERM®					
15	20	25	30	40	50
ARMAFLEX®					
19	25	32			

Enter your unique product code (e.g. GKT-PS-27-40):

						-			-		
INSULATION							PIPE DIAMETER		INSULATION THICKNESS		





## End Fixings

Loop & Stud	page 72
Toggle & Snap Hook	page 73
Cable Tray Hook & Mini Hook	page 74
Barrel & Top Hat	page 75
End Stop & Eyelet	page 76
45° Eyelet & 90° Eyelet	page 77
Cladding Hook & Ring Anchor	page 78
Ceiling Anchor & Link Hook	page 79
Karabiner & C-Clip	page 80
Shot Fire & Channel Nut	page 81
Decking Wedge & Alphawedge	page 82
Multiwedge 2 & TR60 Wedge	page 83
MF Wedge & Twist Clip (White)	page 84
Magnetic Pad & QT Barrel	page 85





# Loop


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





Available Hangers


  
Page 34


  
Page 35


  
Page 36

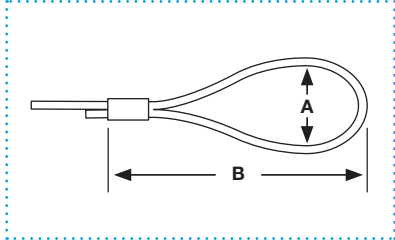
  
Page 40

  
Page 42

  
Page 42

  
Page 50

  
Page 51



Installation

Ensure a minimum 75 mm of tail wire exit the hanger.

Size	A (mm) Indicative	B (mm) Indicative
No. 1	30	60
No. 2	30	60
No. 3	25	60
No. 4	45	85
No. 5	45	90


Install fixings in accordance with manufacturer's specifications.


# Stud


- Supplied with Drop-in Anchors (as standard) or nuts as required
- Available in M6, M8 and M10, up to 250 kg SWL with a 5:1 safety factor
- Supplied as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request
- Also available in stainless steel and fire rated kits





Available Hangers


  
Page 34


  
Page 35


  
Page 36

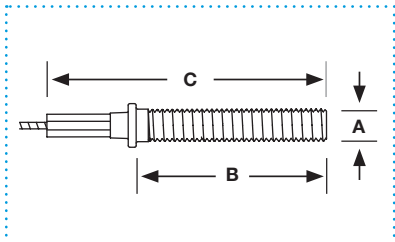
  
Page 40

  
Page 42

  
Page 42

  
Page 50

  
Page 51



Installation

Size	A (mm) Indicative	B (mm) Indicative	C (mm) Indicative
No. 1*	M6	20	48
No. 2	M6	20	48
	M8	45	70
	M10	45	77
No. 3	M6	20	48
	M8	45	70
	M10	45	77
No. 4*	M10	45	100


Install fixings in accordance with manufacturer's specifications.  
\* No. 1 & No. 4 not available in Stainless Steel


# Toggle


- Ideal when used as a Y-Fit to suspend lighting
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a complete kit with Gripple wire rope and hanger
- Available in stainless steel





Available Hangers


  
Page 34


  
Page 35


  
Page 36

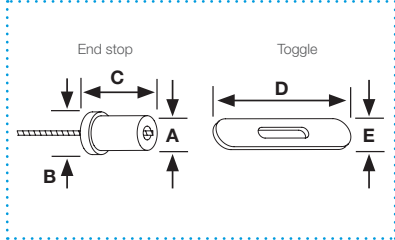
  
Page 40

  
Page 42

  
Page 42

  
Page 50

  
Page 51



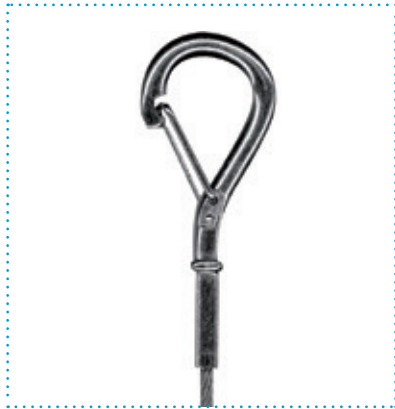
Installation

Size	A (mm) Indicative	B (mm) Indicative	C (mm) Indicative	D (mm) Indicative	E (mm) Indicative
No. 1	4.2	5.9	8	40	5.8
No. 2	6.2	7.9	12	40	7.8
No. 3	6.2	9.9	18	40	9.7


Install fixings in accordance with manufacturer's specifications.


# Snap Hook


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





Available Hangers


  
Page 34


  
Page 35


  
Page 36

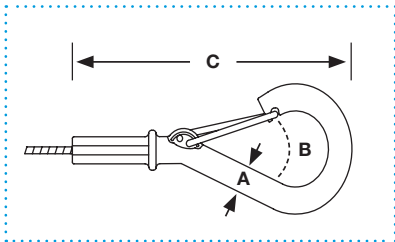
  
Page 40

  
Page 42

  
Page 42

  
Page 50

  
Page 51



Installation

Size	A (mm) Indicative	B (mm) Indicative	C (mm) Indicative
No. 1	6.3	7	75
No. 2	6.3	7	75
No. 3	6.3	7	75


Install fixings in accordance with manufacturer's specifications.





# Cable Tray Hook


- Fits cable trays from 100 mm to 300 mm wide
- Can be attached to both holes and slots of cable trays
- For supporting up to 45 kg of load with a 5:1 safety factor
- Compatible with all side wall holes and slots irrespective of depth
- Comes as a ready-to-use kit with Gripple Y-Fit hanger (No. 2) or Y-Fit accessory (No. 2)
- Available in lengths of 1 m, 2 m and 3 m


Available Hangers


  
Page 34


  
Page 35

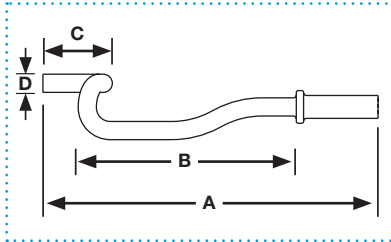
  
Page 36

  
Page 40

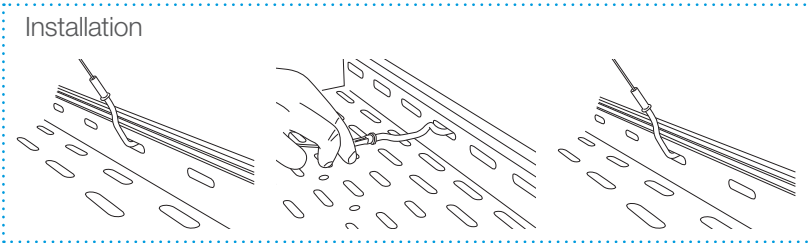
  
Page 42

  
Page 42

  
Page 51



Size	A (mm)	B (mm)	C (mm)	D (mm)
No. 2	92	60	19	5





Install fixings in accordance with manufacturer's specifications.


# Mini Hook

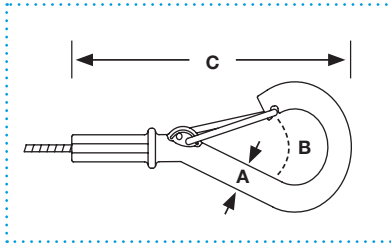
- Ideal for services that require access or maintenance, such as cable tray and cable basket, especially when used as a Y-Fit
- Available up to 15 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Standard lengths 1 m - 10 m
- Other lengths are available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

Available Hangers

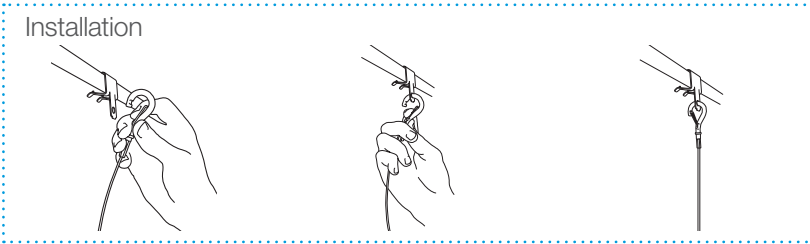
  
Page 34

  
Page 35

  
Page 36



Size	A (mm)	B (mm)	C (mm)
No. 1	4.5	5	55





Install fixings in accordance with manufacturer's specifications.


# Barrel


- Ideal for use on signage, or exposed services, such as retail and office environments
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m


Available Hangers


  
Page 34


  
Page 35

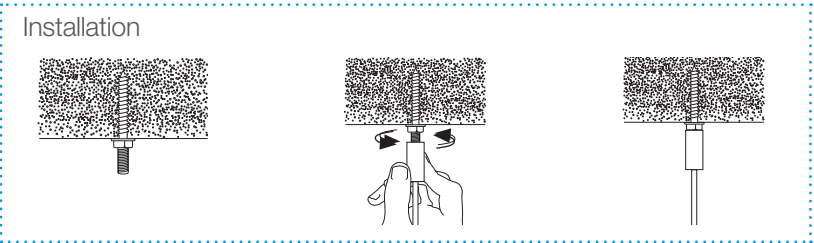
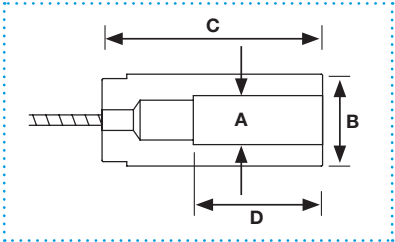
  
Page 36

  
Page 40

  
Page 42

  
Page 42

  
Page 51




Install fixings in accordance with manufacturer's specifications.


Size	A (mm)	B (mm)	C (mm)	D (mm)
No. 1	M6	12	45	26
No. 2	M6 and M8	12	45	26
No. 3	M8	12	45	26


# Top Hat Barrel


- Aesthetic fixing for use with a wide range of Gripple hangers
- Ideal when lighting/services are exposed
- Available up to 55 kg SWL with a 5:1 safety factor
- Two part construction for fast installation using M6 or Ø 4.5 mm c/sunk screws
- Supplied as a ready-to-use kit with Gripple wire rope and hanger


Available Hangers


  
Page 34


  
Page 35

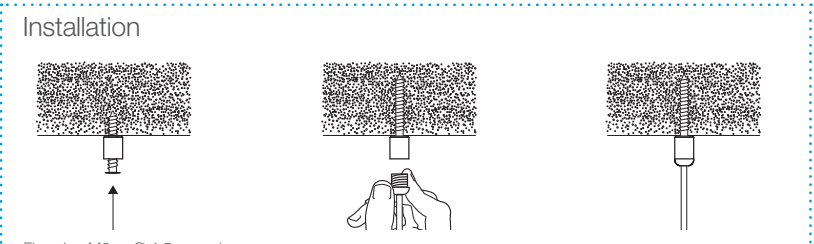
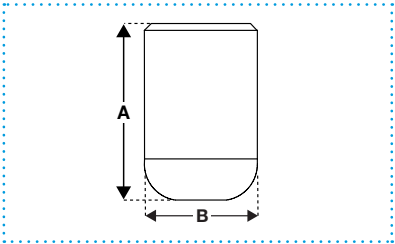
  
Page 36

  
Page 40

  
Page 42

  
Page 42

  
Page 51



Fix using M6 or Ø 4.5 mm c/sunk screw.

Install fixings in accordance with manufacturer's specifications.

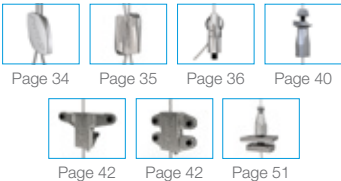
Size	A (mm)	B (mm)
No. 1	21	13.5
No. 2	21	13.5



# End Stop

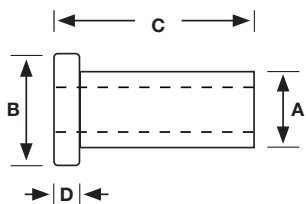
- Simple, fast installation for extruded profiles
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a complete kit with Gripple wire rope and hanger
- For use with No.1 - No. 3 Gripple hangers

Available Hangers

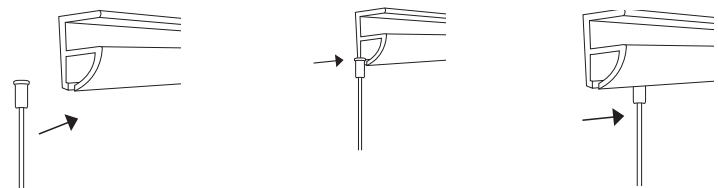



Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 51



Installation





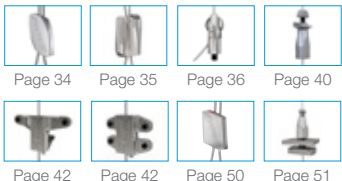
Size	A (mm)	B (mm)	C (mm)	D (mm)
No. 1	4.2	5.7	9	2
No. 2	6.2	7.8	13.8	2
No. 3	6.2	9.8	19	2.8

Install fixings in accordance with manufacturer's specifications.

# Eyelet

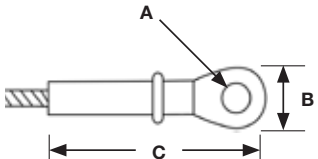
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Fire rated version available

Available Hangers

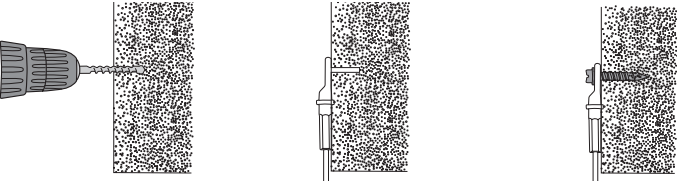



Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 50   Page 51



Installation





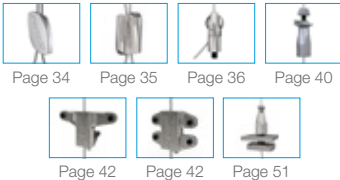
Size	A (mm)	B (mm)	C (mm)
No. 1	6.2	7.7	12
No. 2	6.2	7.7	12
No. 3	6.2	9.7	18

Install fixings in accordance with manufacturer's specifications.

# 45° Eyelet

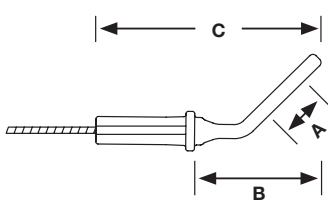
- Ideal for use in bracing applications
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger

Available Hangers

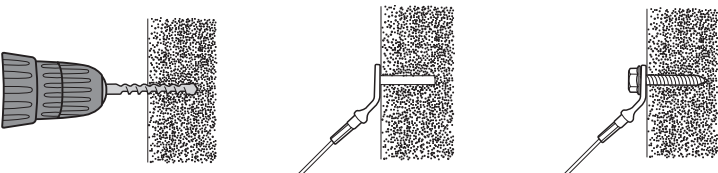



Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 51



Installation





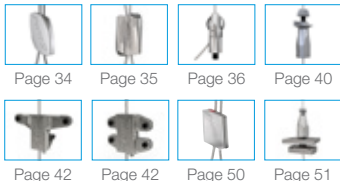
Size	A (mm)	B (mm)	C (mm)
No. 2	11.2	29	52
No. 3	11.2	29	52

Install fixings in accordance with manufacturer's specifications.

# 90° Eyelet

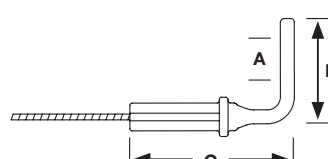
- Ideal for use with Gripple concrete screws for direct soffit mounting
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Fire rated version available

Available Hangers

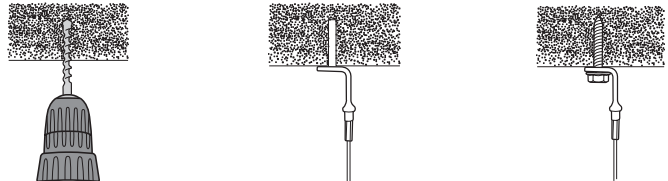



Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 50   Page 51



Installation





Size	A (mm)	B (mm)	C (mm)
No. 1	7.5	25	38
No. 2	7.5	25	38
No. 3	7.5	25	38

Install fixings in accordance with manufacturer's specifications.

76

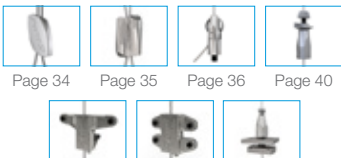
77



# Cladding Hook

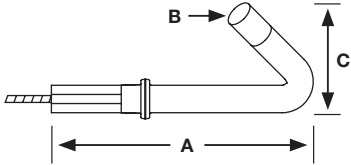
- Designed to fit 6 mm holes
- Suitable for every grade of steel
- Creates a secure hanger
- Safe working load may vary dependent on the thickness of steel to which it is attached
- Comes as a ready-to-use kit with Gripple wire rope and hanger

Available Hangers



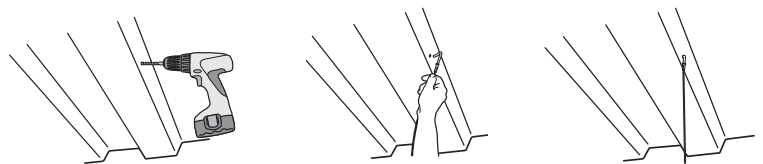
Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 51



A   B   C

Installation





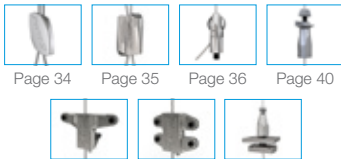
Size	A (mm)	B (mm)	C (mm)
No. 2	59	5	24

Install fixings in accordance with manufacturer's specifications.

# Ring Anchor

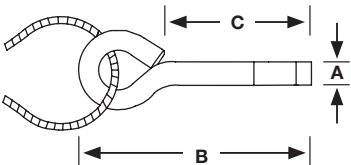
- Ideal for fixing into non-cracked and cracked concrete
- Shallow anchorage depth of 25 mm
- Available up to 55 kg SWL with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request

Available Hangers



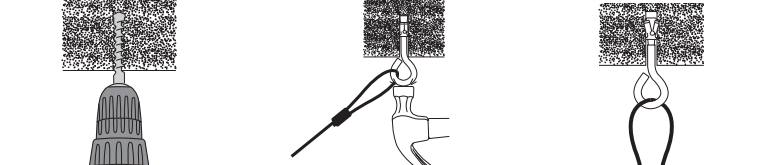
Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 51



A   B   C

Installation





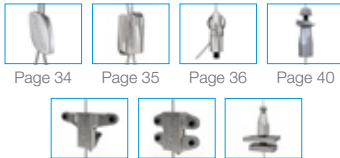
Size	A (mm)	B (mm)	C (mm)
No. 1	6	54	35
No. 2	6	54	35

Install fixings in accordance with manufacturer's specifications.

# Ceiling Anchor

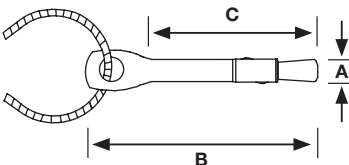
- Ideal for fixing Gripple hangers into concrete
- Knock into a pre-drilled hole, pull with a claw hammer to set
- Available up to 45 kg SWL with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request

Available Hangers



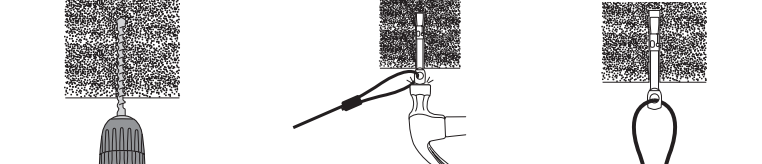
Page 34   Page 35   Page 36   Page 40

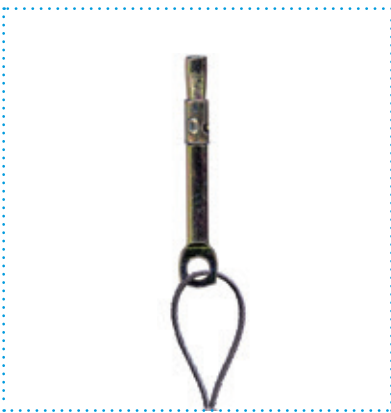
Page 42   Page 42   Page 51



A   B   C

Installation





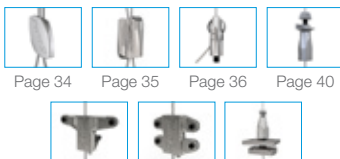
Size	A (mm)	B (mm)	C (mm)
No. 1	6	65	50
No. 2	6	65	50

Install fixings in accordance with manufacturer's specifications.

# Link Hook

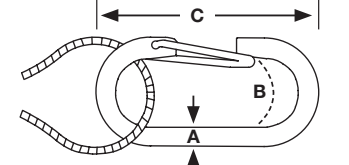
- Ideal for use with cable tray
- Available up to 45 kg SWL with a 4:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request

Available Hangers



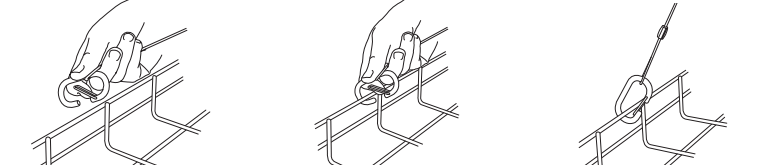
Page 34   Page 35   Page 36   Page 40

Page 42   Page 42   Page 51



A   B   C

Installation





Size	A (mm)	B (mm)	C (mm)
No. 1	6	15	48
No. 2	6	15	48

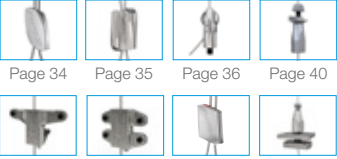
Install fixings in accordance with manufacturer's specifications.



Karabiner

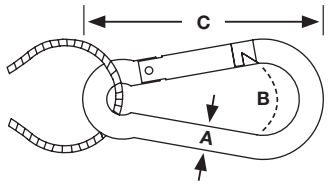
- Provides 9 mm clearance
- Available up to 90 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request
- Available in stainless steel

Available Hangers

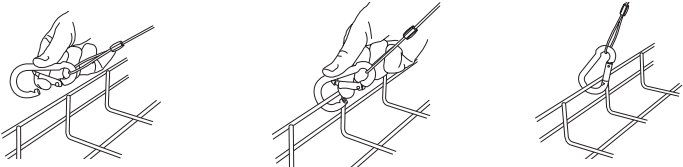


Page 34Page 35Page 36Page 40

Page 42Page 42Page 50Page 51



Installation





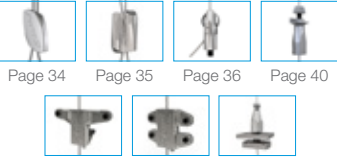
Size	A (mm)	B (mm)	C (mm)
No. 1	6	10	60
No. 2	6	10	60
No. 3	8	10	80

Install fixings in accordance with manufacturer's specifications.

C-Clip

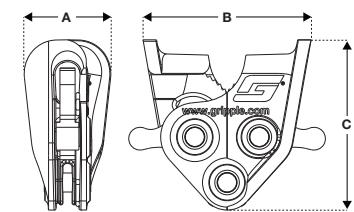
- Up to 10 times faster to install
- Allows horizontal and vertical adjustment
- Cams lock solidly in place even at angles up to 60°
- 3 mm and 6 mm versions available
- Can be retrofitted
- One handed installation, no tools required
- Designed for use with Gripple Catenary Kits
- Available up to 45 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger

Available Hangers

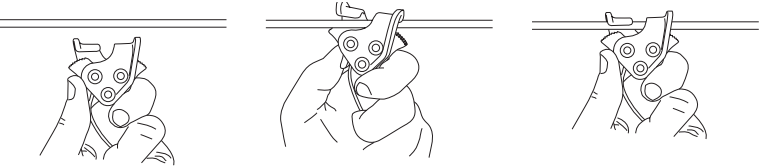


Page 34Page 35Page 36Page 40

Page 42Page 42Page 51



Installation





Size	A (mm)	B (mm)	C (mm)
3 mm C-Clip	12	26	33
6 mm C-Clip	23	45	45

Install fixings in accordance with manufacturer's specifications.

Shot Fire

- Six times faster than traditional methods (drilling and anchoring)
- Can be used with gas and powder fastening tools
- Quick and easy fastening solution
- Supplied as a ready-to-use kit
- Available in three sizes up to 45 kg load
- Available in lengths from 1 to 10 m (other lengths available on request)

Available Hangers



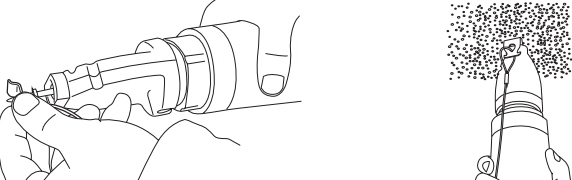
Page 34Page 35Page 36Page 40

Page 42Page 42Page 51



For use with BX3-MEFor use with DX351 or DX2

Installation





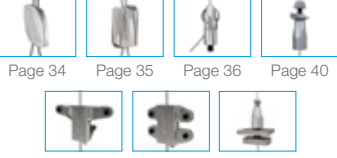
Nail Length (mm)	Tool Required
16	DX 351 or DX2
22	DX 351 or DX2
27	DX 351 or DX2
N/A Requires B3 MX Cartridges	BX 3-ME

For use with Hilti Direct Fastening tools.  
Install fixings in accordance with manufacturer's specifications.

Channel Nut

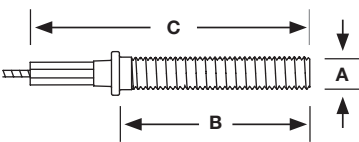
- Fast to install
- Pre-assembled and ready-to-insert
- Fits directly into the channel
- Available up to 250 kg SWL with a 5:1 safety factor
- Fits both 41 x 41 and 41 x 21 channel
- Ideal for common rail installations
- Ideal for multi-tier installations
- No additional components required

Available Hangers

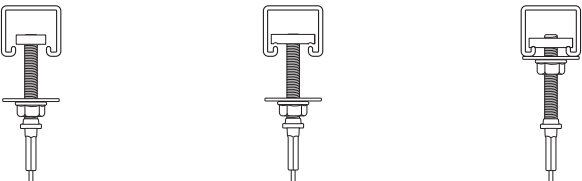


Page 34Page 35Page 36Page 40

Page 42Page 42Page 51



Installation





Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70
No. 4	M10	45	100

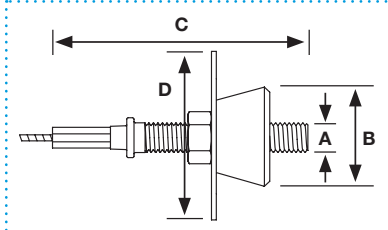
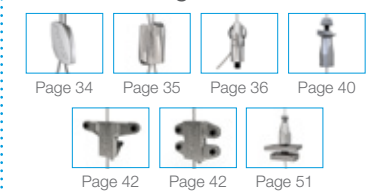
Install fixings in accordance with manufacturer's specifications.



# Decking Wedge

- 25 mm version designed for use with SMD R51, Comflor 51, Holorib, Multideck 50 and Metfloor 55
- 18 mm version designed for use with Ribdeck S60 and Ribdeck 80
- Available up to 90 kg SWL
- Available in 18 mm and 25 mm sizes
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Other lengths are available on request
- No need for drilling, specialist tools or skills

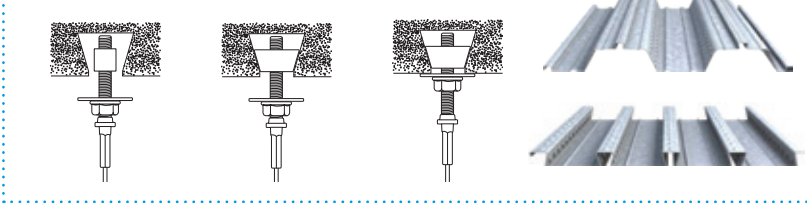
## Available Hangers



## 25 mm Wedge

Size	A (Ø)	B (mm)	C (mm)	D (mm)
No. 2	M8	25	70	40
No. 3	M8	25	70	40

## Installation



## 18 mm Wedge

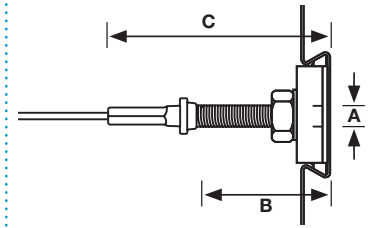
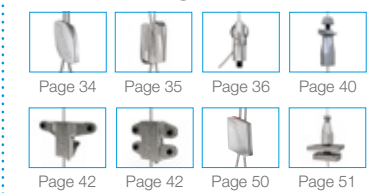
Size	A Ø	B (mm)	C (mm)	D (mm)
No. 2	M8	18	70	40

Install fixings in accordance with manufacturer's specifications.

# Alphawedge

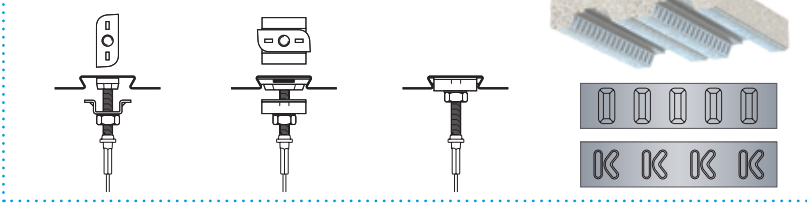
- Designed for use with Ribdeck E60
- Adjustable and removable, no need for drilling specialist tools or skills
- Available up to 90 kg SWL
- Comes as a ready-to-use kit with Gripple wire rope and hanger

## Available Hangers



Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70

## Installation

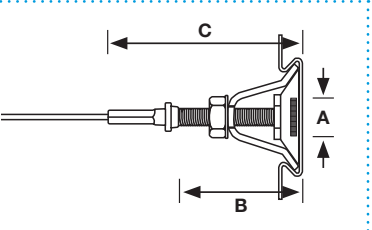
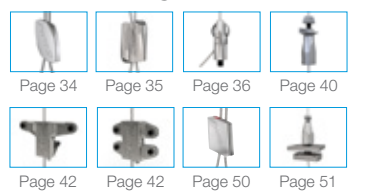


Install fixings in accordance with manufacturer's specifications.

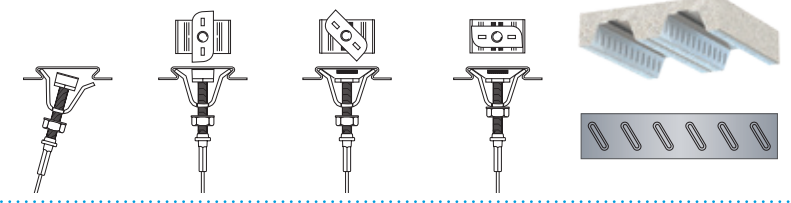
# Multiwedge 2

- Designed for use with Kingspan Multideck 60 and 80
- Adjustable and removable, no need for drilling, specialist tools or skills
- Available up to 90 kg SWL
- Comes as a ready-to-use kit with Gripple wire rope and hanger

## Available Hangers



## Installation



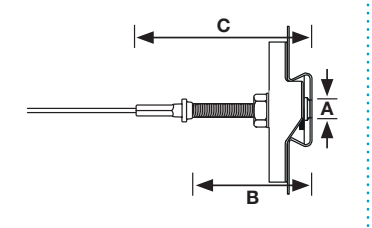
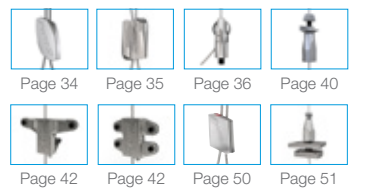
Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70

Install fixings in accordance with manufacturer's specifications.

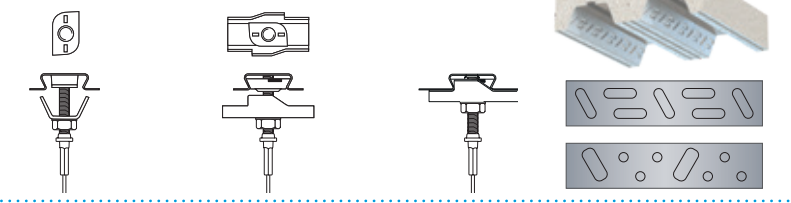
# TR60 Wedge

- Designed for use with Structural Metal Decks TR60+ and TR80+
- Adjustable and removable, no need for drilling, specialist tools or skills
- Available up to 90 kg SWL
- Comes as a ready-to-use kit with Gripple wire rope and hanger

## Available Hangers



## Installation



Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
	M10	45	77
No. 3	M8	45	70
	M10	45	77


Install fixings in accordance with manufacturer's specifications.





# MF Wedge


- Ideal for fixing into Metfloor® 60 and 80 profiles manufactured by Composite Metal Flooring
- The only fixing recommended by the decking manufacturer
- Load rated at 90 kg SWL
- Comes as a ready-to-use kit with Gripple wire rope and hanger


Available Hangers


  
Page 34


  
Page 35


  
Page 36

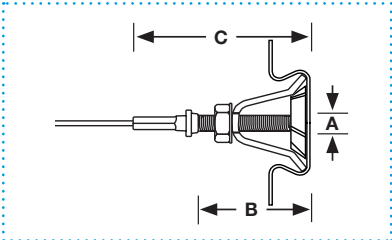
  
Page 40

  
Page 42

  
Page 42

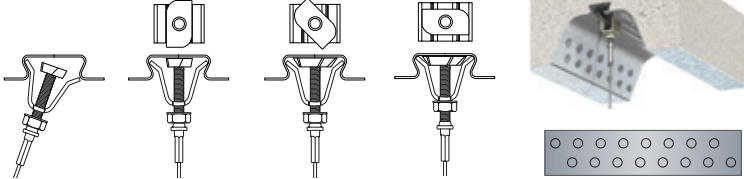
  
Page 50

  
Page 51



Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
	M10	45	77
No. 3	M8	45	70
	M10	45	77

Installation





Install fixings in accordance with manufacturer's specifications.


# Twist Clip (White)

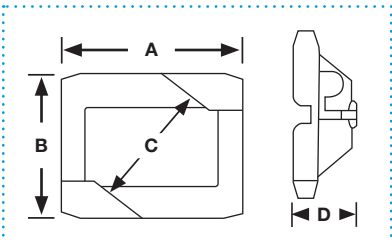
- Designed for use on 24 mm T-Bar grid ceilings
- Quicker manufacture and installation times
- Ideal for use with the Angel range
- Quick and easy to install – no tools required
- Visually discreet and lightweight
- Can be retrofitted
- Will not cause damage to the T-Bar grid
- Comes as a ready-to-use kit with Gripple wire rope and hanger

Available Hangers

  
Page 34

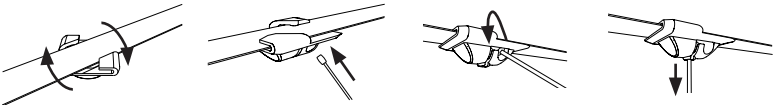
  
Page 35

  
Page 36



Size	A (mm)	B (mm)	C (mm)	D (mm)
No. 1	40	32	24	15

Installation




Install fixings in accordance with manufacturer's specifications.





# Magnetic Pad

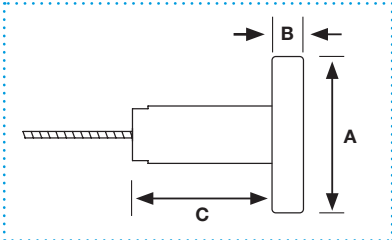
- Ideal for hanging signage and fixing services to magnetic metal surfaces
- Available up to 8 kg SWL with a 2:1 safety factor
- Load is affected by the metal thickness and surface condition (painted finish)
- Not for use on aluminium, brass or non-magnetic products
- Comes as a ready-to-use kit with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

Available Hangers

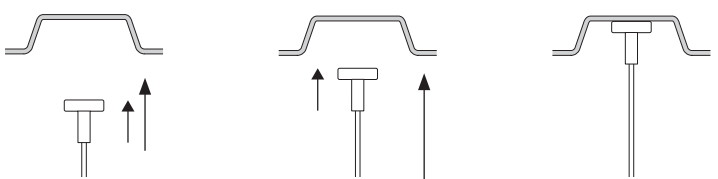
  
Page 34

  
Page 35

  
Page 36



Installation




Install fixings in accordance with manufacturer's specifications.





# QT Barrel

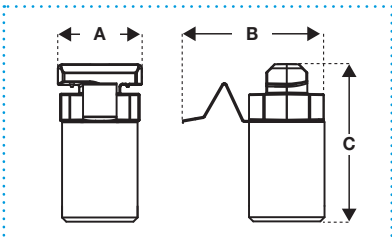
- Fast, quarter turn attachment to Gripple Brackets
- Allows for suspension of services from pre-installed header rails or to provide multi-tier suspension from Gripple Universal Brackets
- Fail safe clip to secure into bracket - prevents unexpected movement
- Available for use with No. 1, No. 2 and No. 3 hangers
- Supplied as a kit with wire and Gripple Hanger
- Available in lengths from 1 to 10 m
- Other lengths are available on request

Available Hangers

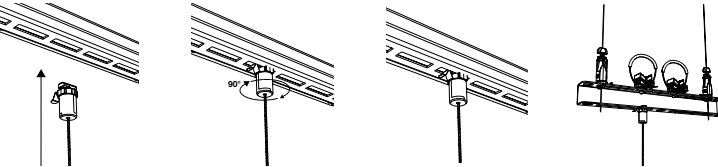
  
Page 34

  
Page 35

  
Page 36



Installation



Size	A (mm)	B (mm)	C (mm)
No. 1	20	34	37.5
No. 2	20	34	37.5
No. 3	20	34	37.5

Install fixings in accordance with manufacturer's specifications.





## Accessories

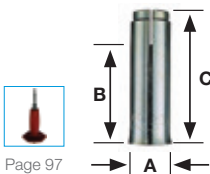
Anchoring Solutions	page 88
Brackets and Attachments	page 90
Adaptors	page 92
Beams and Purlins	page 94
UniGrip & Hanger Accessories	page 95
Fast Trak Accessories	page 96
Tools & Finshing Accessories	page 97



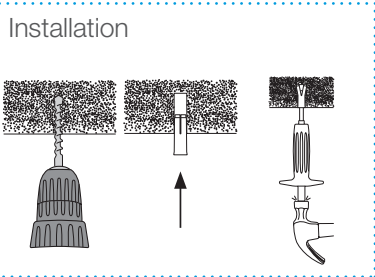
# Anchoring Solutions

## Drop-In Anchor

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



Page 97



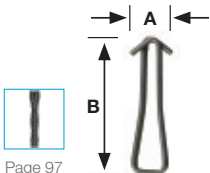
3:1 safety factor – load rating is dependant on base material

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

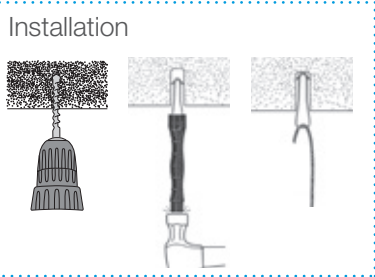
\* For further information contact Gripple Technical Services

## Concrete Wire Anchor

- Suitable for non-cracked concrete and hard natural stone
- Stainless steel (304/A2)
- CSTB test report



Page 97



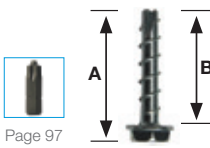
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
WIRE-ANCHOR	15.3	50	45	8	30	30	100

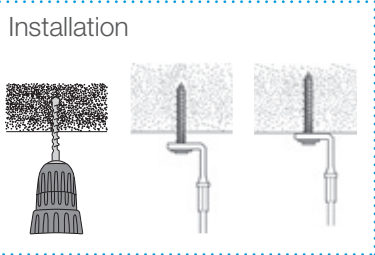
\* For further information contact Gripple Technical Services

## Concrete Screw

- Suitable for cracked and non-cracked concrete
- Ideal for use with the 90° Eyelet End Fixing (page 77)
- Removable



Page 97



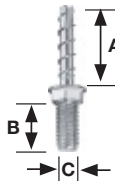
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CS40	47	40	170	6	45	25	100

\* For further information contact Gripple Technical Services

## 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 75)
- Removable



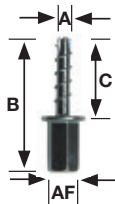
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
BCS35-M8	35	16	M8	170	6	40	25	100

\* For further information contact Gripple Technical Services

## Stud Cracked Concrete Screw

- Suitable for cracked and non-cracked concrete
- Dual M8/M10 internal thread
- Ideal for use with the Stud End Fixing (page 70)
- Removable



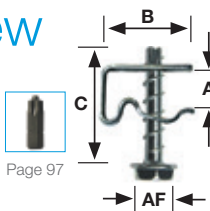
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
SCCS35	8	60	35	13	170	6	45	25	100

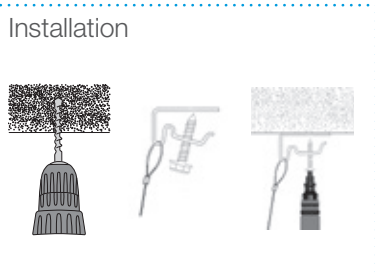
\* For further information contact Gripple Technical Services

## Ceiling Clip Concrete Screw

- Suitable for cracked and non-cracked concrete, precast hollow concrete and hard natural stone
- Allows for pivotal movement
- Ideal for use with the Loop End Fixing (page 70)



Page 97



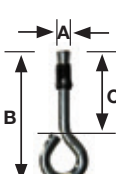
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CLIP-CCS40	15	32	40	13	170	6	40	35	10

\* For further information contact Gripple Technical Services

## Cracked Concrete Ring Anchor

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



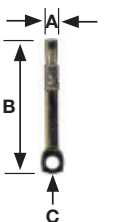
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CCRA6	6	54	31	57	6	35	25	100

\* 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 Standard Hanger (page 34)



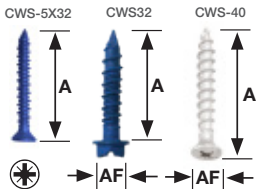
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C Ø (mm)	Max. SWL (kg)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CWH6	6	60	6.2	45	43	25	100

\* For further information contact Gripple Technical Services

## Concrete Wood Screws

- Easy-fit screw suitable for wood, non-cracked concrete, precast hollow concrete and hard natural stone
- Ideal for use with the range of 90° Eyelet End Fixings (page 77)
- Removable



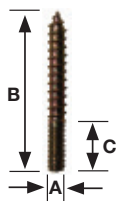
3:1 safety factor – load rating is dependant on base material

Product code	A (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CWS-5X32	32	-	100	4	35	25	100
CWS32	32	8	100	5	35	25	100
CWS-40	40	8.3	100	4	43	35	100

\* For further information contact Gripple Technical Services

## Barrel Wood Screw

- Easy-fit wood screw with integrated M6 thread connection
- Ideal for use with the M6 Barrel End Fixing (page 75)



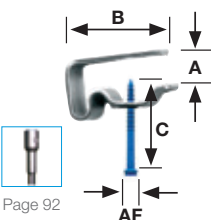
Safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
BWS35-M6	M6	50	20	N/A	4.5	40	35	100

\* For further information contact Gripple Technical Services

## Ceiling Clip Wood Screw

- Designed for screwing into wood
- Allows for pivotal movement
- Ideal for use with the Loop End Fixing (page 72)



Page 92

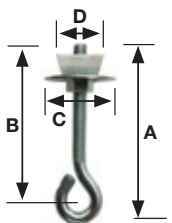
Safety factor – load rating is dependant on base material

Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CLIP-CWS32	15	32	32	8	N/A	5	40	25	10

\* For further information contact Gripple Technical Services

## M8 Decking Adaptors

- Ideal for use with the Y-Fit and Y-Fit Accessory (page 46)
- M8 thread with 12 mm diameter eye
- Can be combined with other decking fixings: Alphawedge, MF Wedge, Multiwedge 2 and TR60 (pages 82 - 83)



3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
ADP-M8-W25	96	80	18	25	90	10

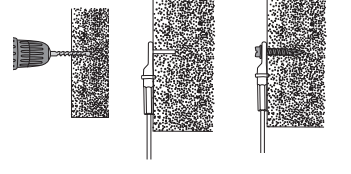
### Installation



### Installation



### Installation



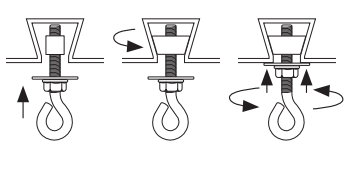
### Installation



### Installation



### Installation

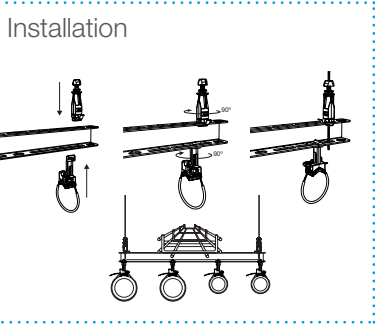
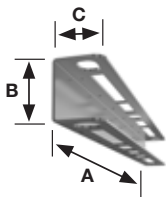




# Brackets & Attachments

## Universal Bracket

- Can be bolted directly to soffit or wall, or suspended from the soffit using threaded rod or Gripper Hanger e.g. Trapeze Plus FR
- Eliminates the need for cutting channel on site
- Integrates with Gripper Hangers
- Available in 100 mm increments from 240 mm - 1540 mm

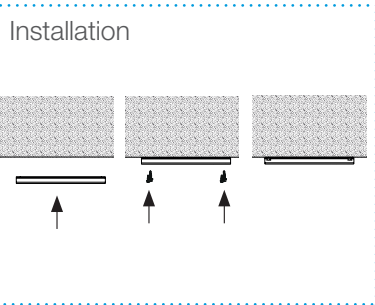
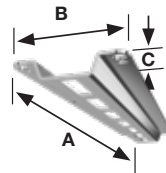


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. Bracket Load (kg)	Quantity
PB240	240	43	35	150	10
< Available in 100 mm increments >					
PB1540	1540	43	35	120	10

## Low Profile Bracket

- Can be bolted directly to soffit or wall
- No 'hot works' permit required, eliminating the need for cutting channel on site, allowing more productive use of labour

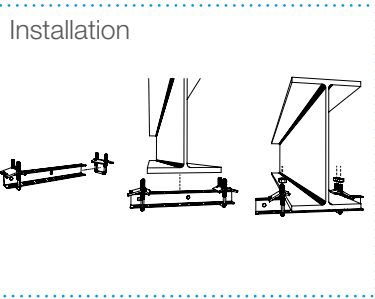
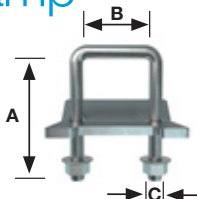


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. Bracket Load (kg)	Quantity
LPB180	180	78	14	150	10
LPB250	250	78	14	150	10
< Available in 100 mm increments >					
LPB1550	1550	78	14	150	10

## Universal Bracket Beam Clamp

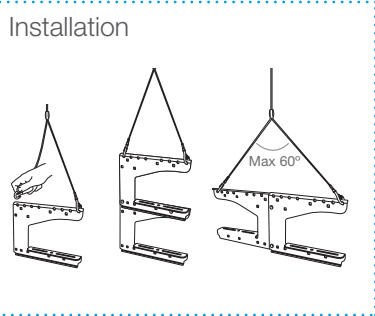
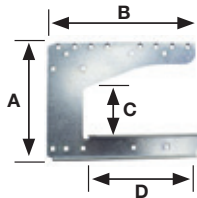
- Allows brackets to be fixed directly to beams for pipe runs close to the deck
- Suitable for a wide range of flange sizes (up to 40 mm)
- Quick and easy installation
- Compatible with all Gripper Universal Brackets (page 61)



Product code	A (mm)	B (mm)	C (Ø)	Quantity
PB-BEAM-CLAMP	83	45	M10	10

## G-Bracket

- Purpose made for cable tray and basket
- Brackets can be easily joined together either vertically or horizontally to create a double fixing
- Ideal for use with the Y-Fit and Y-Fit Accessory (page 46)
- Fire rated

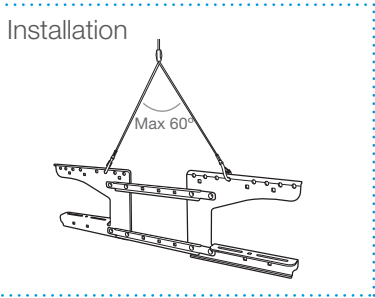
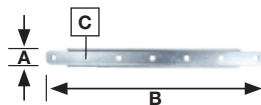


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
G-BRACKET-100	200	188	110	125	60	10
G-BRACKET-200	200	263	110	200	60	10
G-BRACKET-300	202	389	110	325	60	10
G-BRACKET-400	202	489	100	425	60	10

## G-Spacer

- Joins two G-Brackets together, either vertically or horizontally allowing a central gap (max. 300 mm)
- Links different sizes of G-Bracket together
- Adjustable

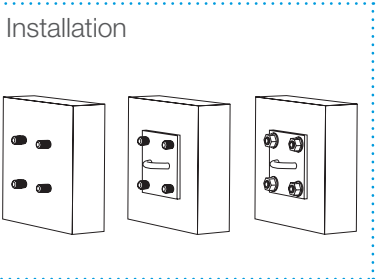
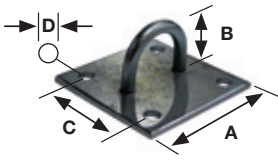


5:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Quantity
G-SPACER	26	325	7x7	10

## 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)

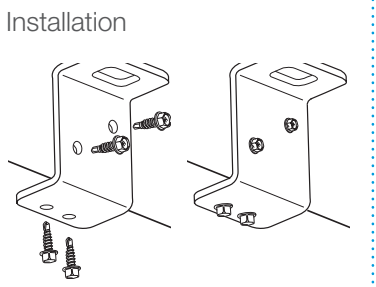
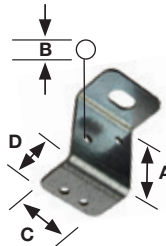


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
CAT-BRACKET-100MM	100	45	65	11	340	10

## Trapeze Bracket

- Easily attached to rectangular ducting
- Replaces the need for threaded rod or channel support
- Rigid 2 mm steel thickness with galvanised finish
- Conforms to DW/144 best practice
- Use with UniGrip No. 2 and No. 3 (page 40)

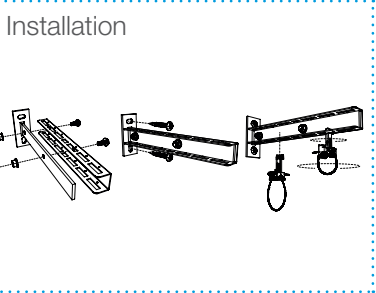


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
TPZ-BRACKET	48	5.0	38.5	25.5	90	10

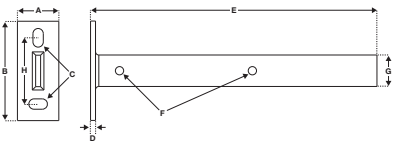
## Wall Bracket

- Universal Brackets are quickly fixed to Wall Brackets using supplied fixings
- Designed to support piping and/or electrical services when installed cantilevered and parallel to the wall
- Suitable for use with Gripper Universal Brackets up to 440 mm long
- Wall Brackets are supplied with Universal Brackets and Quick Twist-Universal Clamps featuring quarter turn attachment
- Allows for full use of both faces of the bracket for multiple services
- Can be bolted directly to soffit or wall



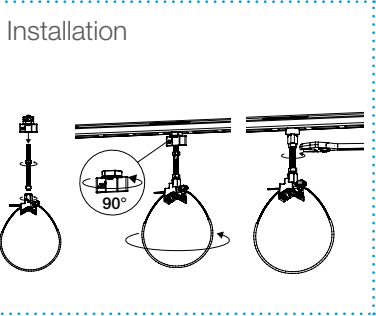
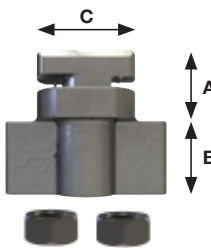
Fixings to wall supplied separately

Product code	Length (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. SWL (kg)	Quantity
WALL-BRACKET-SMALL	240	50	120	Ø 12.5	6	246	Ø 10	38	80	150	10
WALL-BRACKET-MEDIUM	340	50	120	Ø 12.5	6	346	Ø 10	38	80	150	10
WALL-BRACKET-LARGE	440	50	120	Ø 12.5	6	446	Ø 10	38	80	150	10



## QT Accessory

- Make height adjustments to suit exact requirements
- Simple quarter turn attachment to bracket
- Enables pipes of different sizes to be installed along the centre axis and condensate pipes to be installed at a gradient for drainage
- Replaces more than 13 different pipe ring sizes, when used with the Gripper Universal Bracket

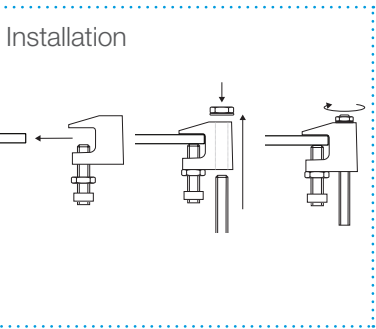
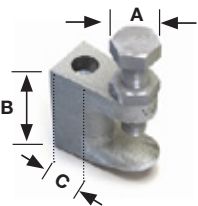


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GC2-QT-M8	48	5.0	38.5	25.5	90	10

## Beam Clamp

- Avoids drilling into and welding onto I-beams
- Simple and easy to install
- Aesthetic appeal
- Compatible with Gripper Stud End Fixing



4:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
BEAMCLAMP-M8	M8	35	M8	110	10
BEAMCLAMP-M10	M10	40	M10	240	10
BEAMCLAMP-M8-EYE	M8	35	M8	150	10



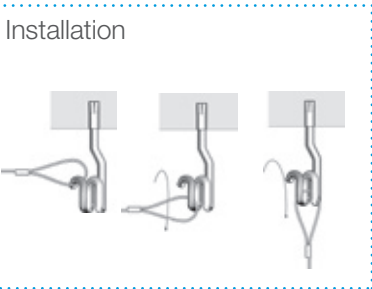
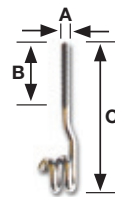
# Adaptors

## Pigtail

- Fast and secure anchor suitable for use with the Loop End Fixing (page 72)
- Ideal for use with the Drop-In Anchor (page 88)
- Allows Loop to be removed for maintenance

5:1 safety factor – dependent on base material

Product code	A (Ø)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
PIGTAIL6-20MM	M6	20	76	90	10
PIGTAIL6-45MM	M6	45	102	90	10
PIGTAIL8-45MM	M8	45	118	150	10

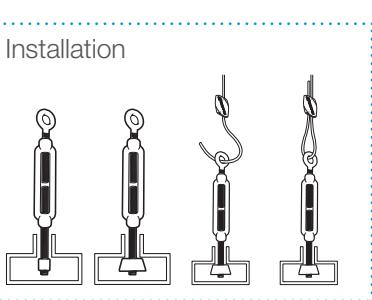
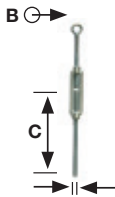


## Turnbuckle

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

5:1 safety factor – dependent on material

Product code	A (Ø)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
TBK8-R80	M8	14	80	325	10
TBK8-R200	M8	14	200	325	10
TBK10-R200	M10	14	200	325	10

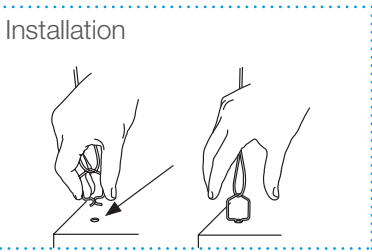
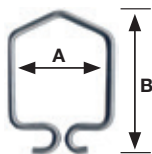


## Spring Clip

- Used for attaching to services such as trunking and lighting
- For 6 mm - 8 mm holes
- Ideal for use with the Standard Hanger (page 34)

3:1 safety factor – dependent on material thickness

Product code	A (mm)	B (mm)	Max. SWL (kg)	Quantity
CLIP-SPG-68	24	38	30	100

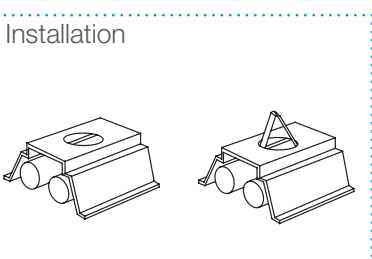
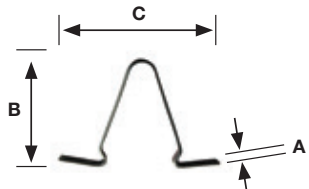


## LSK Clip

- General purpose clip to support light fittings
- Steel with zinc plated finish

3:1 safety factor

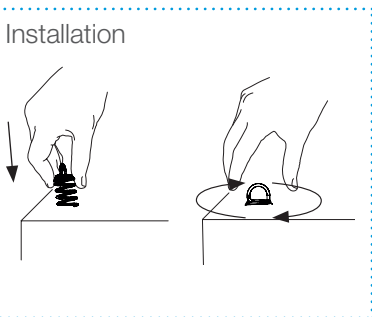
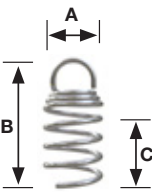
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
CLIP-LSK	8	35	51	3.8	100



## Acoustic Spring Anchor

- Ideal for use with the Standard Hanger, Angel Hook or Express
- Available in standard (40 mm) and large size (70 mm) with 2 mm wire diameter
- No tools required for installation
- Sold as part of a kit
- Maximum load ratings will vary

A (mm)	B (mm)	C (mm)	Kit Quantity
17	47	28	10
27	97	72	10

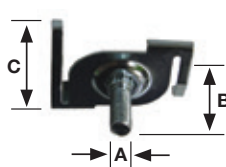


## T-Bar Twist Clip

- Ideal for attaching to suspended ceilings
- Integral M6 thread
- Ideal for use with the Barrel End Fixing (page 75)
- Suitable for 25 mm T-Bar

5:1 safety factor

Product code	A (Ø)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
TBAR-CLIP-M6	M6	16	25	22	100

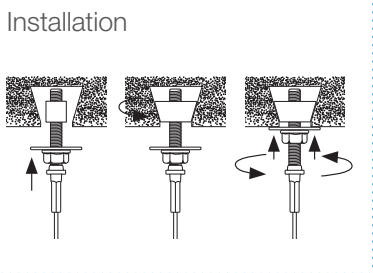
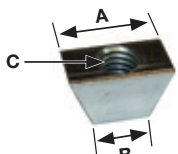


## Wedge Nuts

- Ideal for use with the Stud End Fixing (page 72)
- Also supplied as a Decking Wedge End Fixing (page 82)
- Available in 18 mm and 25 mm sizes

3:1 safety factor

Product code	A	B (mm)	C (Ø)	Max. SWL (kg)	Quantity
WEDGE8-25	25	18	M8	200	10
WEDGE8-18	18	10	M8	200	10

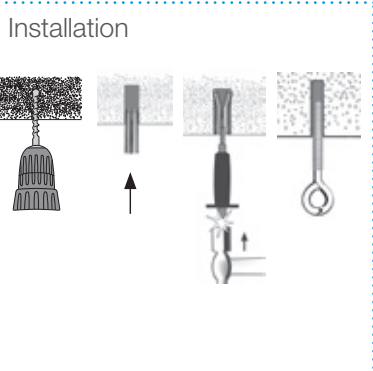
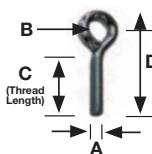


## Eyebolt

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

5:1 safety factor

Product code	A (Ø)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
EYEBOLT-M8-60MM-F/TH	M8	13	60	98	325	10
EYEBOLT-M8-130MM-F/TH	M8	13	130	168	325	10
EYEBOLT-M8-200MM-98MM	M8	13	98	230	325	10
EYEBOLT-M8-0.2M-F/TH	M8	13	190	230	325	10
EYEBOLT-M10-130MM-F/TH	M10	13	130	174	325	10
EYEBOLT-M10-0.2M-F/TH	M10	13	190	238	325	10

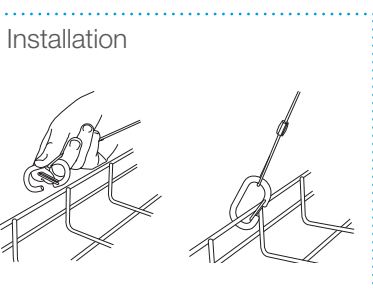
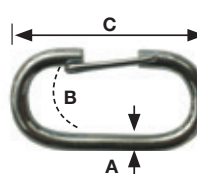


## Link Hook

- 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 and Y-Fit Accessory (page 46)

4:1 safety factor

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

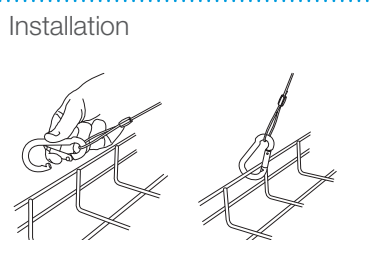
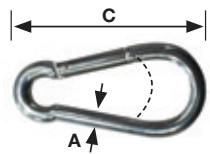


## Karabiner

- Versatile fixing, easy to attach and detach
- Available in stainless steel

5:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
KARA-6-60	6	8	60	45	10
KARA-6-60-S	6	8	60	45	10
KARA-8-80	8	10	80	90	10
KARA-8-80-S	8	10	80	90	10

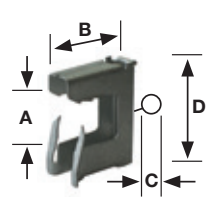




# Beams & Purlins

## Tiger Clip

- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Snap Hook End Fixing (page 73)

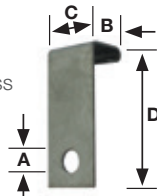


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
TIGERCLIP-28	2-8	30	6.7	30	56	100
TIGERCLIP-816	8-16	32	6.7	38	56	100

## Purlin Clip

- Easy installation - clip into place
- Available to suit 4 mm - 5 mm flange thickness
- Ideal for use with the Snap Hook End Fixing (page 73)

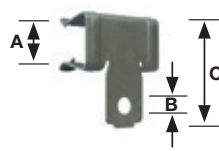


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GCP45	6.5	15	19	45	9	100

## Beam Clip

- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Snap Hook End Fixing (page 73)

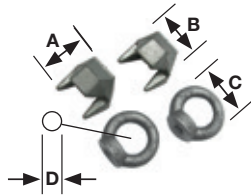


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCB24	2-4	6.5	21	32	100
GCB59	5-9	6.5	23	43	100
GCB1016	10-16	6.5	29	43	100
GCB1720	17-20	6.5	34	43	100

## GF Bracket

- Designed for clamping onto an I-Beam section
- Suitable from 6 mm - 30 mm flange thicknesses
- Use with M12 threaded rod (not supplied)
- Ideal for use with Catenary Kits (page 48)

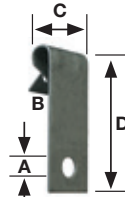


5:1 safety factor

Product code	Beam Flange Thickness (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GF12-EYENUT	6-13	46	47	55	30	340	1 (pair)
GF20-EYENUT-12	10-19	65	65	55	30	340	1 (pair)
GF30-EYENUT-12	18-30	70	70	55	30	340	1 (pair)

## 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 Snap Hook End Fixing (page 73)

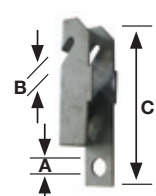


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GCVF15	6.5	1-5	19	39	33	100
GCVF57	6.5	5-7	19	40	33	100

## Z Purlin Clip

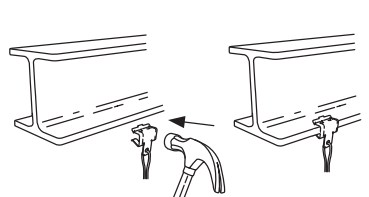
- Hammer-on installation
- Available to suit 2.5 mm maximum flange thickness
- Ideal for use with the Snap Hook End Fixing (page 73)



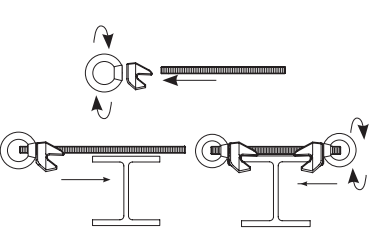
3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCZP48	6.5	2.5	48	12	100

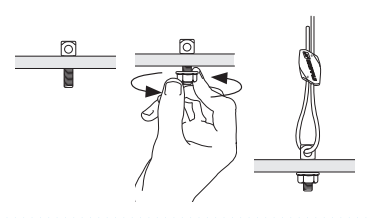
### Installation



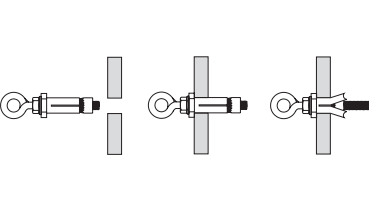
### Installation



### Installation

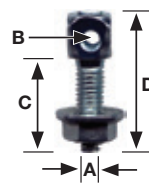


### Installation



## M6 & M8 Adaptor

- Ideal for fixings to many services such as luminaires
- Can be fixed into concrete using the Drop-In Anchors (page 88)
- Supplied with nut

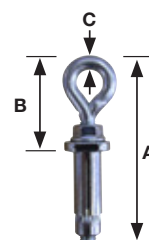


5:1 safety factor - dependent on material

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
ADP-M6	M6	3.5	20	28	90	10
ADP-M8	M8	5.5	25	37	225	10

## Catenary Steel Anchor

- Designed for blind fixing where only one side of beam is accessible
- Accommodates wide range of steel thickness (3 - 22 mm)
- Fast install into a 14 mm hole with 13 mm and 19 mm spanners
- Ideal for use with Catenary Kits (page 48)



5:1 safety factor - dependent on material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
CAT-STEEL-ANCHOR	90	46	7	325	10

# UniGrip & Hanger Accessories

## Standard No. 2 & 3

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



## Central Exit No. 2, 3 & 4

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



## QT No. 2

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



## Butterfly Trapeze

Ideal for use with light ductwork. Combine Butterfly Trapeze as an accessory with any Trapeze kit for multi-tiered installations. Maximum load rating of 45 kg with a 5:1 safety factor.



## Duct Trapeze

Ideal for use with rectangular ductwork. Combine Duct Trapeze as an accessory with any Trapeze kit for multi-tiered installations. Maximum load rating of 45 kg with a 5:1 safety factor.





# Fast Trak Accessories

## Conduit Clamp

Quarter turn attachment to Fast Trak brackets for quick installation of conduit.

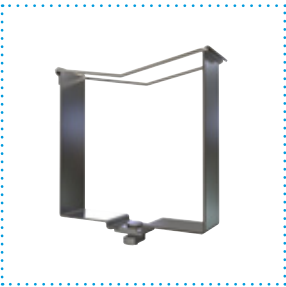
- No specialist tools required for installation
- Available in sizes from 12.5 mm up to 100 mm
- Supports rigid and EMT conduit
- Pre-assembled with nut and bolt



## Trunking Clamp

Quarter turn attachment to Fast Trak brackets for quick installation to trunking.

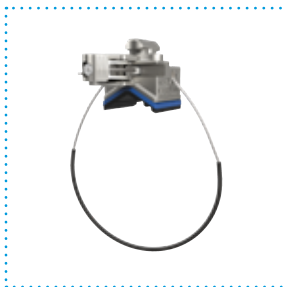
- No tools or additional fixings required
- Available in 4 sizes; 50 x 50 mm, 75 x 75 mm, 100 x 100 mm and 150 x 150 mm
- Integral, hinged latch retains trunking in position
- Suitable for use with PVC and steel trunking



## QT Universal Clamp & QT Compact Clamp

Used in conjunction with Fast Trak brackets to support all types of pipework within mechanical and plumbing services.

- Integral mounting pillar and quarter turn attachment
- No tools required for installation
- Replaces more than 13 different pipe rings from 15 mm copper to 6" steel



## J-Hook

Used in conjunction with Fast Trak tracks to support all types of data cables.

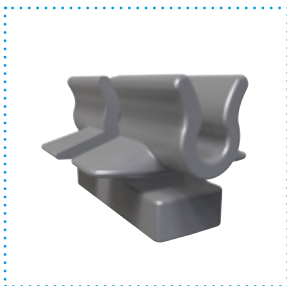
- Gate 'lock off' can be re-opened to add additional cables
- High performance, wide base wire form design
- Fast connection onto the Fast Trak track
- 50 mm diameter; can also be used for VRF/condensate pipes



## CB Clip

For quick fastening of cable basket to Gripple Fast Trak.

- Prevents uplift and slide of basket
- Two sizes available to fit 4 mm and 5 mm cable basket wire\*
- Tool-free, quarter turn installation
- Time saving compared to traditional methods



## CT Clip

For quick fastening of cable tray to Gripple Fast Trak, Universal and G Brackets.

- Prevents uplift and slide of tray
- Available in two sizes to fit 2 mm and 3 mm thick steel
- Tool-free, quarter turn installation
- Quick push fit fixing



## Vibration Dampener

Designed for vibration reduction when installing rectangular ducting on Fast Trak.

- Vibration reduction across a wide range of frequencies
- Prevents slipping of ductwork
- Made of rubber, no tools required
- Installs in seconds



## Bracket Cover

Neatly hides tracks to further enhance the aesthetics of the Fast Trak system.

- Discreet finish; ideal for open soffit spaces
- Tool free and simple 'snap fit' installation
- Can be cut down to specific lengths
- Covers metal edges that would usually protrude below the bracket

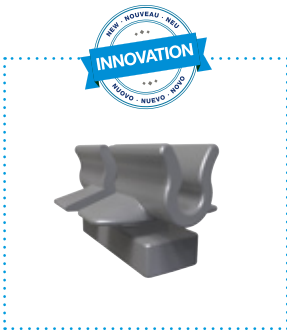


# Tools & Finishing Accessories

## CB Clip

For quick fastening of cable basket to Gripple Fast Trak, Universal and G Brackets.

- Prevents uplift and slide of basket
- Two sizes available to fit 4 mm and 5 mm basket wire
- Tool-free, quarter turn installation
- Time saving compared to traditional methods



## CT Clip

For quick fastening of cable tray to Gripple Fast Trak, Universal and G Brackets.

- Prevents uplift and slide of tray
- Two sizes available to fit 2 mm and 3 mm thick steel
- Tool-free, quarter turn installation
- Quick push fit fixing



## 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



## Protective Sleeving

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



## Driver Bit

- For use with a power driver
- Torx head to fit Concrete Screw or Cracked Concrete Screw (page 86)



## Wire Anchor Installation Tool

- Tool securely locates onto the wire anchor to hammer into place



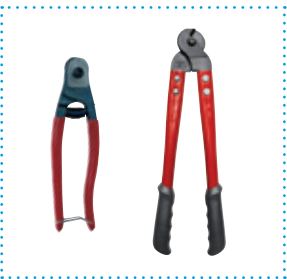
## Fixing Tool for Ceiling Clip Wood

- For use with a power driver
- Hexagonal head to fit AF 8 mm



## Wire Cutters

- Hardened, durable jaws
- Two sizes available – pocket size for use up to 3 mm diameter wire rope, or large, providing greater leverage for up to 6 mm diameter wire rope



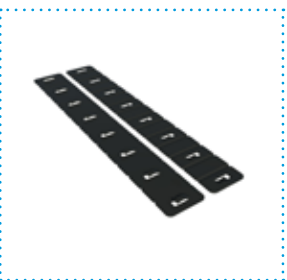
## Tensioning Tool

- 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 Catenary kits



## Spreader Band

- A flexible accessory for spreading the load of various suspended services
- Snap to length as required, live hinges allow for flexibility
- For use with 2 mm and 3 mm wire



## Corner Saddle

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

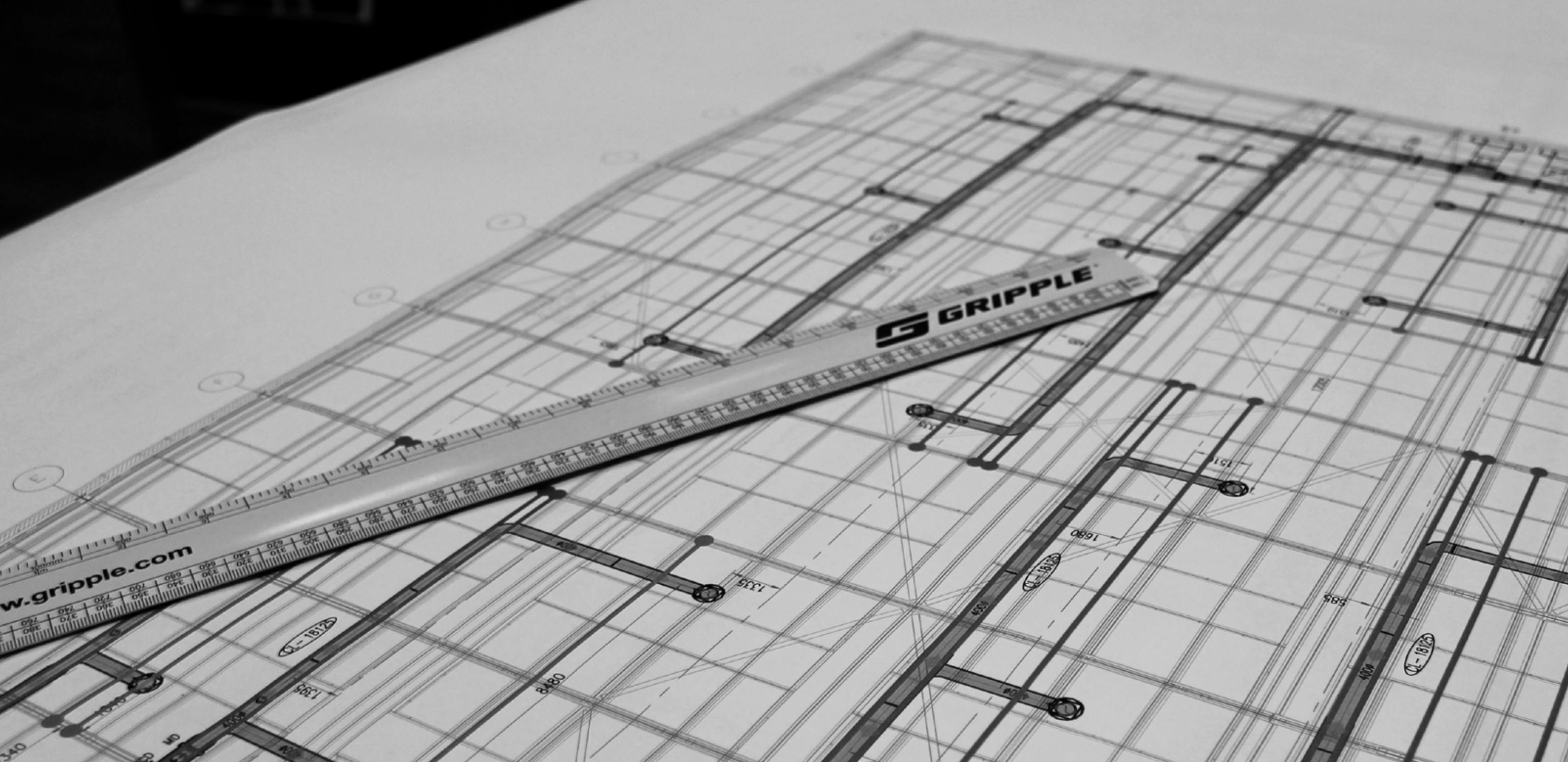


## Twister

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







## Technical

Technical Services	page 100
Hanging At Angles	page 104
Wire Rope Construction & Cross Sections	page 104
Nominal Ductwork Weights	page 105
Pipe Support Spacing	page 106
Key Recommendations	page 107



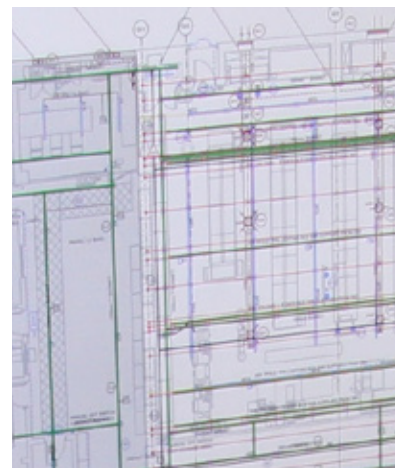
# Technical Services



**Gripple Technical Services** is a dedicated team of qualified engineering physicists and mechanical engineers that offers CIBSE certified CPD presentations, and provides the following range of engineering services to building services consultants, designers and engineers.

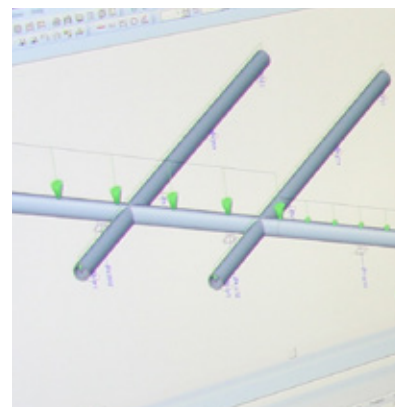
## Installation Design

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

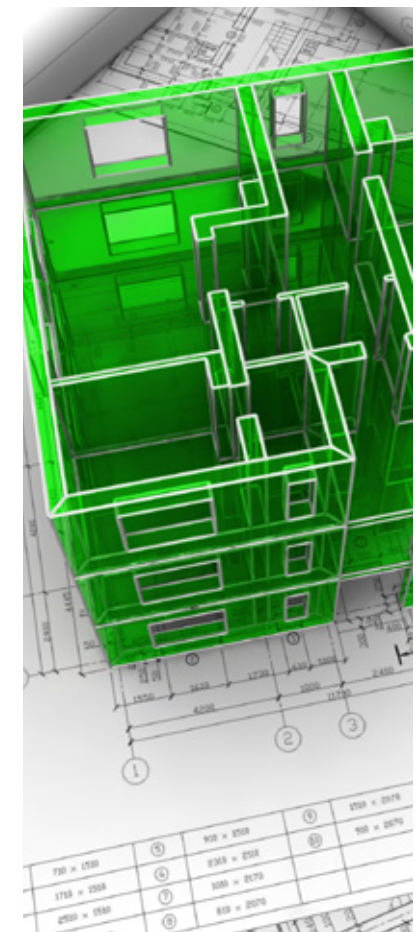
Building Information Modelling (BIM) is a mandatory requirement for centrally procured government projects in the UK. This highly collaborative approach of working is rapidly becoming the preferred method for carrying out progressive private sector projects.

Gripple Technical Services can help facilitate the use of BIM on a project, by populating Revit models with Gripple product families – this method ensures we can develop the most cost-effective suspension solution, as well as ensuring ease of project delivery. By populating the model with Gripple bracketry and providing general arrangement drawings, we can drastically reduce clashes and avoid the need to make costly corrections on-site.

Detailed Gripple BOMs can then be automatically generated from the populated Revit models. BOMs can be per floor or per zone, depending on modelling method. This allows the exact quantities of products to be delivered to site and reduces waste, CO2 emissions and the amount of vehicles needed to deliver materials. Deliveries will be packed and labelled to match the Revit design.

Should you wish to populate your model with Gripple products, we can provide Level 2 BIM information, 2D CAD standard details, Revit 3D CAD models (Revit families) and offer datasheets with appropriately formatted data.

Gripple's Revit 3D CAD models are available to download from the 'My Gripple' area of our website.



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

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



## ISO 19650-2

Gripple has achieved ISO 19650-2 accreditation, which is a series of international standards that defines the collaborative processes for the effective management of information throughout the delivery and operational phase of assets, when building information modelling (BIM) is being used.

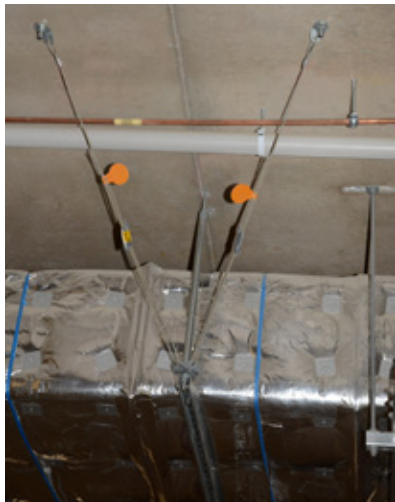
Gripple's ISO 19650-2 standard has been achieved through BSI Group, the leading certification body for BIM standards.



# Seismic Bracing & Blast Protection Systems

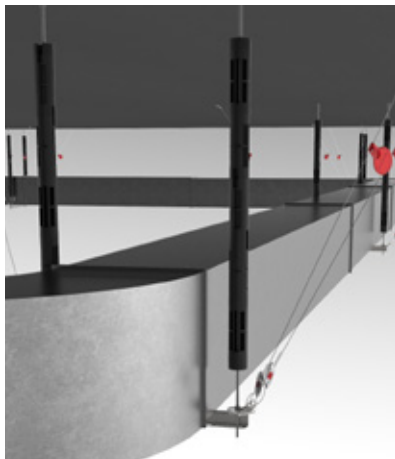
Gripple Ltd. is a leading provider of seismic bracing and blast protection systems.

In contrast to standard wire bracing, Gripple's seismic system is fully tested and approved to OSHPD OPA-2123-10, tested by UL for NEBS GR 63 Core and has SMACNA verification, recognised as the most demanding requirement in the world.



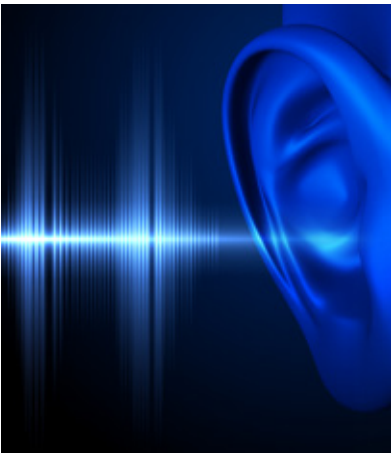
## Gripple Technical Services can offer:

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



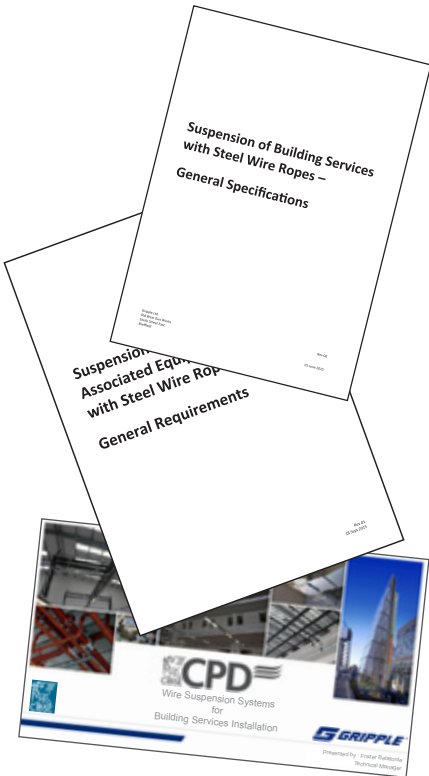
# Acoustic & Vibration Performance

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

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



## On-site Support

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



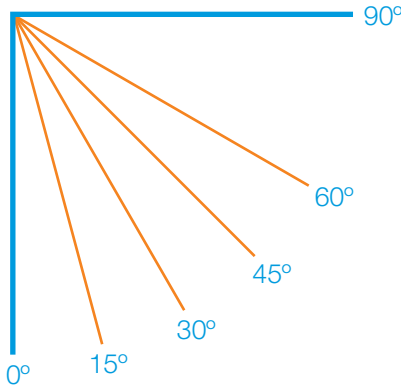


# Hanging At Angles

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

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

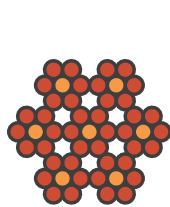
For Gripple hanger hung at an angle in excess of 60° from vertical, contact Gripple Technical Services.



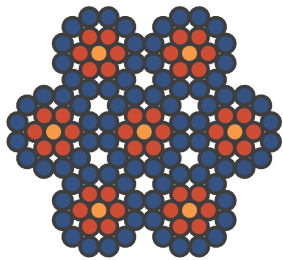
# Wire Rope Construction & Cross Sections

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

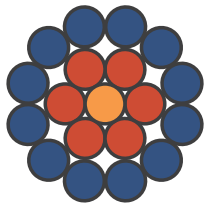
Wire rope size	Diameter (mm)	Construction
No. 1	1.5	7 x 7 or 1 x 19
No. 2	2	7 x 7 or 1 x 19
No. 3	3	7 x 7 or 1 x 19
No. 4	4.75	7 x 19
No. 5	6	7 x 19



7 x 7 (6/1)



7 x 19 (12/6/1)



1 x 19 (12/6/1)

# Nominal Ductwork Weights

## Galvanised Steel Spirally Wound Circular Ductwork

The Gripple hanger size is based on a 2.5 m hanger spacing.

Diameter (mm)	Circumference (m)	Weight (kg/m)	Min. Gripple Hanger size
80	0.25	1.00	No. 1
100	0.32	1.56	No. 1
125	0.40	1.96	No. 1
160	0.50	2.50	No. 1
200	0.63	3.75	No. 2
250	0.80	4.69	No. 2
300	0.94	5.63	No. 2
315	1.00	5.92	No. 2
400	1.26	9.10	No. 2
500	1.57	11.50	No. 2
630	1.98	14.50	No. 2
710	2.23	16.15	No. 3
1000	3.14	28.50	No. 3
1250	3.93	45.30	No. 4

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

## Rectangular Ducting

Size (mm)	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000
250	7.25	10.75	14.25	19.00	-	-	-	-	-	-	-	-
500	-	14.25	17.75	22.75	34.00	38.75	47.75	52.75	-	-	-	-
750	-	-	21.25	26.25	38.75	43.50	52.75	58.00	68.50	74.00	90.75	97.00
1000	-	-	-	30.00	43.50	48.25	58.00	63.00	74.00	79.50	97.00	103.50
1250	-	-	-	-	48.25	53.00	63.00	68.00	79.50	85.00	103.50	109.75
1500	-	-	-	-	-	57.75	68.00	73.25	85.00	90.50	109.75	116.00
1750	-	-	-	-	-	-	73.25	78.25	90.50	96.00	116.00	122.25
2000	-	-	-	-	-	-	-	83.50	96.00	101.50	122.25	128.50
2250	-	-	-	-	-	-	-	-	101.50	107.00	128.50	134.75
2500	-	-	-	-	-	-	-	-	-	112.50	134.75	141.00
2750	-	-	-	-	-	-	-	-	-	-	141.00	147.50
3000	-	-	-	-	-	-	-	-	-	-	-	153.75

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



# Pipe Support Spacing

Recommended minimum support spacing for steel and copper pipes.

## Copper Pipes

Copper tube	Nominal pipe size (mm)	OD (mm)	Weight empty (kg/m)	Weight filled (kg/m)	Max. spacing for horizontal runs (m)	Weight per Gripple Clamp* (kg)
BS EN 1057	15	15	0.28	0.43	1.2	0.51
	22	22	0.53	0.85	1.8	1.53
	28	28	0.68	1.22	1.8	2.19
	35	35	1.13	1.96	2.4	4.72
	42	42	1.37	2.60	2.4	6.24
	54	54	1.77	3.86	2.7	10.43
	67	67	2.74	5.96	3.0	17.87
	76	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 (in)	OD (mm)	Weight empty (kg/m)	Weight filled (kg/m)	Max. spacing for horizontal runs (m)	Weight per Gripple Clamp* (kg)
BS 1387	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.

# 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](http://www.gripple.com).

Please adhere to the following key recommendations:



**Loads**

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



**Hanging at an angle to vertical**

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



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



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



**Environment**

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



Not suitable for swimming pools.



**Joining**

Never join two ends together in-line.



**Lifting**

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



**Impact**

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



**Lubrication**

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



**Wire Rope**

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.



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



**Storing**

Do not store the product outdoors.

## Quality & Approval

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



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



# www.gripple.com

info@gripple.com

## Gripple Ltd (Headquarters)

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

**T** | +44 (0) 800 018 4264

**F** | +44 (0) 114 275 1155

**E** | info@gripple.com

## Gripple Europe SARL

1, rue du Commerce  
BP 37  
67211 Obernai Cedex  
France

**T** | +33 (0)3 88 95 44 95

**F** | +33 (0)3 88 95 08 78

**E** | frinfo@gripple.com

## Gripple Inc

1611 Emily Lane  
Aurora  
IL 60502  
USA

**T** | +1 866 474 7753

**F** | +1 800 654 0689

**E** | grippleinc@gripple.com

## Gripple India

C-115, Industrial Area  
Phase I, Naraina  
New Delhi-110028  
India

**T** | +91-11-45136817

**F** | +91-11-45136817

**E** | ininfo@gripple.com

## Gripple Canada Inc

6665 Tomken Road  
Units 9-10  
Mississauga, ON L5T 2C4  
Canada

**T** | +1 905 458 8700

**E** | cainfo@gripple.com

## Gripple Japan K.K

2-57 Tsukizi-cho  
Hyogo-ku, Kobe-shi  
Hyogo, 652-0845  
Japan

**T** | +81 (0) 78 681 2121

**F** | +81 (0) 78 681 2122

**E** | japan@gripple.com



A GLIDE company



## BUS-BROC-BUS-ENG-MSP730

Published March 2020

Please refer to [www.gripple.com](http://www.gripple.com) for  
the most up to date user advice and  
product information.



© 2020 Gripple.

Gripple is a registered trademark of Gripple Limited.  
Company registered in England No. 1772901, VAT Reg No. GB 600 1951 88