



Product Guide

A complete guide to building services products





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

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About Gripple

Of the 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.

CO₂ Savings

For every metre of Gripple wire rope specified to replace threaded rod, it is estimated that a saving of 1.2 kg of embodied CO₂ is made. This equates to a total embodied CO₂ saving of up to 95% when switching from threaded rod to Gripple wire rope.

Aesthetics

Gripple wire rope kits are lightweight and virtually invisible. Comparing 2 mm wire rope to 8 mm threaded rod, the difference is easy to see. With a trend towards exposed services, Gripple wire rope kits enhance the workspace significantly – especially in retail environments. We also offer a range of black wire rope kits ideal for cinemas, theatres and other areas where the ceiling is painted black (See page 22).



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

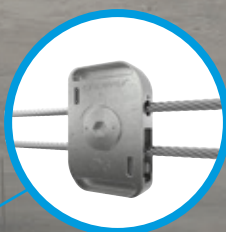
LEADENHALL BUILDING, LONDON



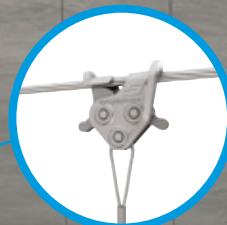
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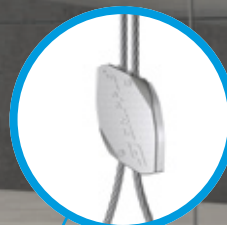
HVAC



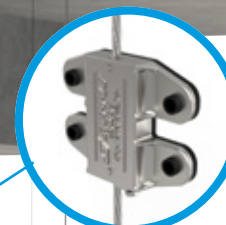
Catenary Kit
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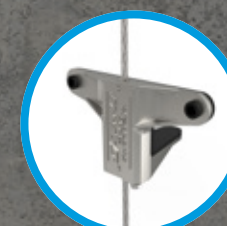
C-Clip
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Standard Hanger
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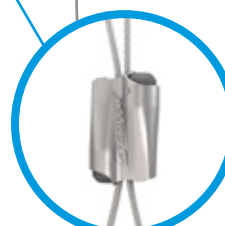
Butterfly Trapeze
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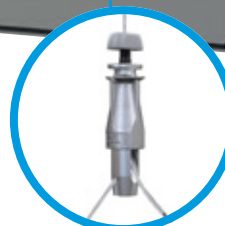
Duct Trapeze
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Fast Trak
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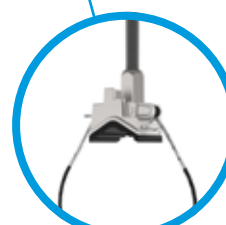
Express
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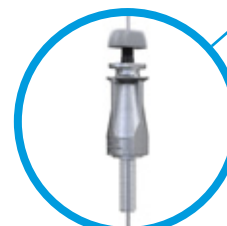
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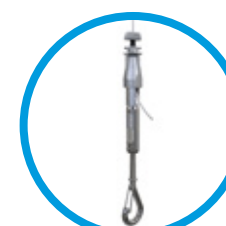
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Universal Clamp
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UniGrip - Central Exit
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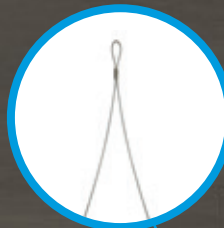
UniGrip - Calibra
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The **Gripple**® range of hangers for HVAC applications has been developed to provide a fast and versatile solution for suspending ductwork, heaters, air conditioning, radiant panels and plenum boxes.

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



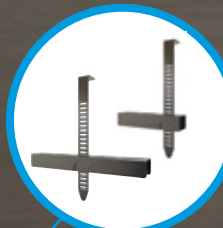
Y Fit & Y Fit Accessory
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Fast Trak Low Profile
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Conduit Clamp
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Fast Trak Side Loading
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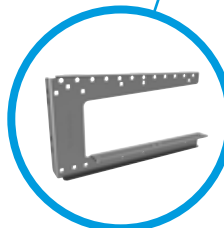
Fast Trak Standard
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Trapeze Plus FR
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J Hook
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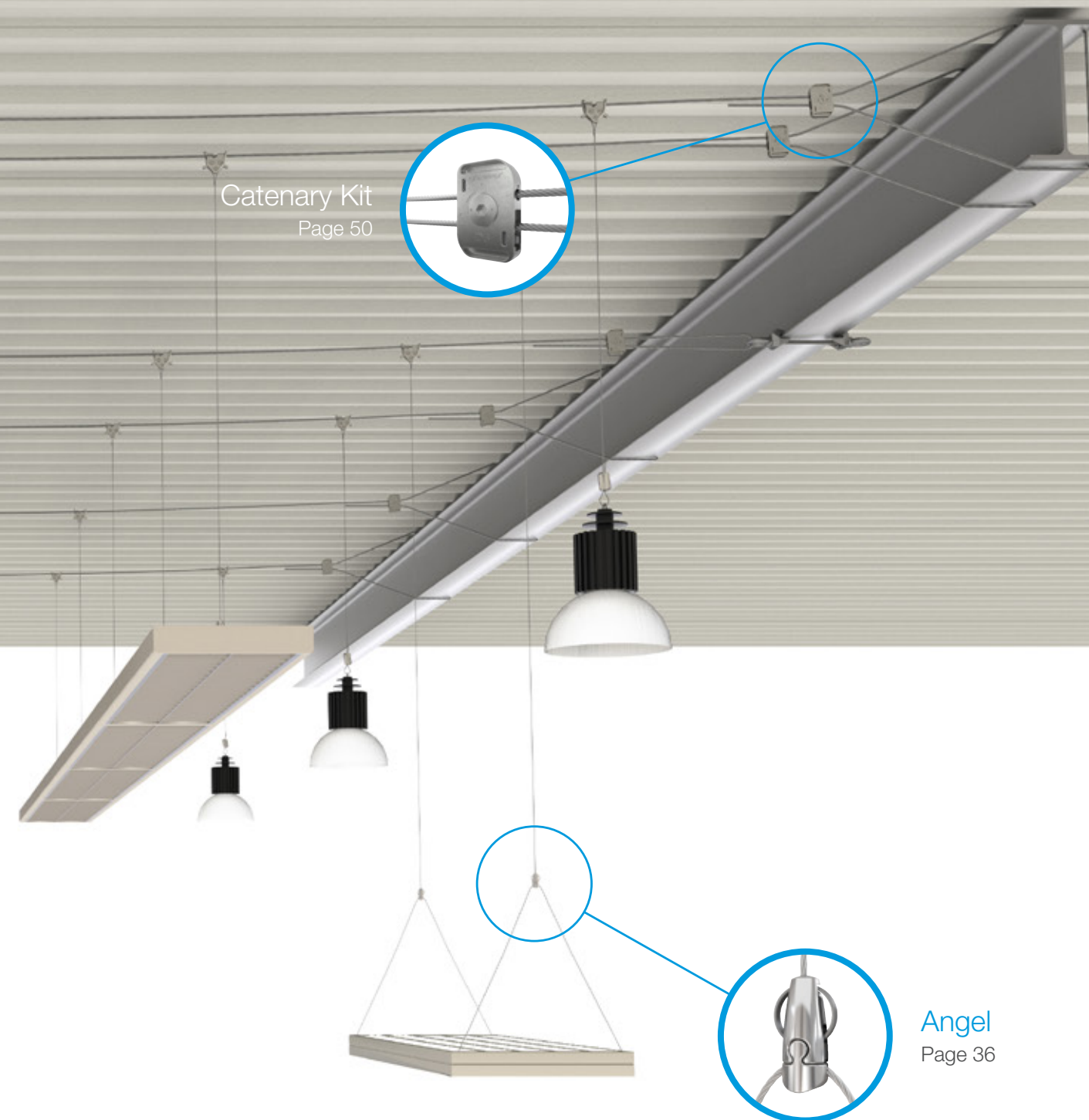
G Bracket
Page 86

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
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Fast Trak - Side Loading
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Fast Trak - Standard
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Beam Clamp
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Universal Clamp
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QT Universal Clamp
& Universal Bracket
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Wall Bracket
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Pipe Insulation Collars
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Height Adjustable
Universal Clamp
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UniGrip – QT
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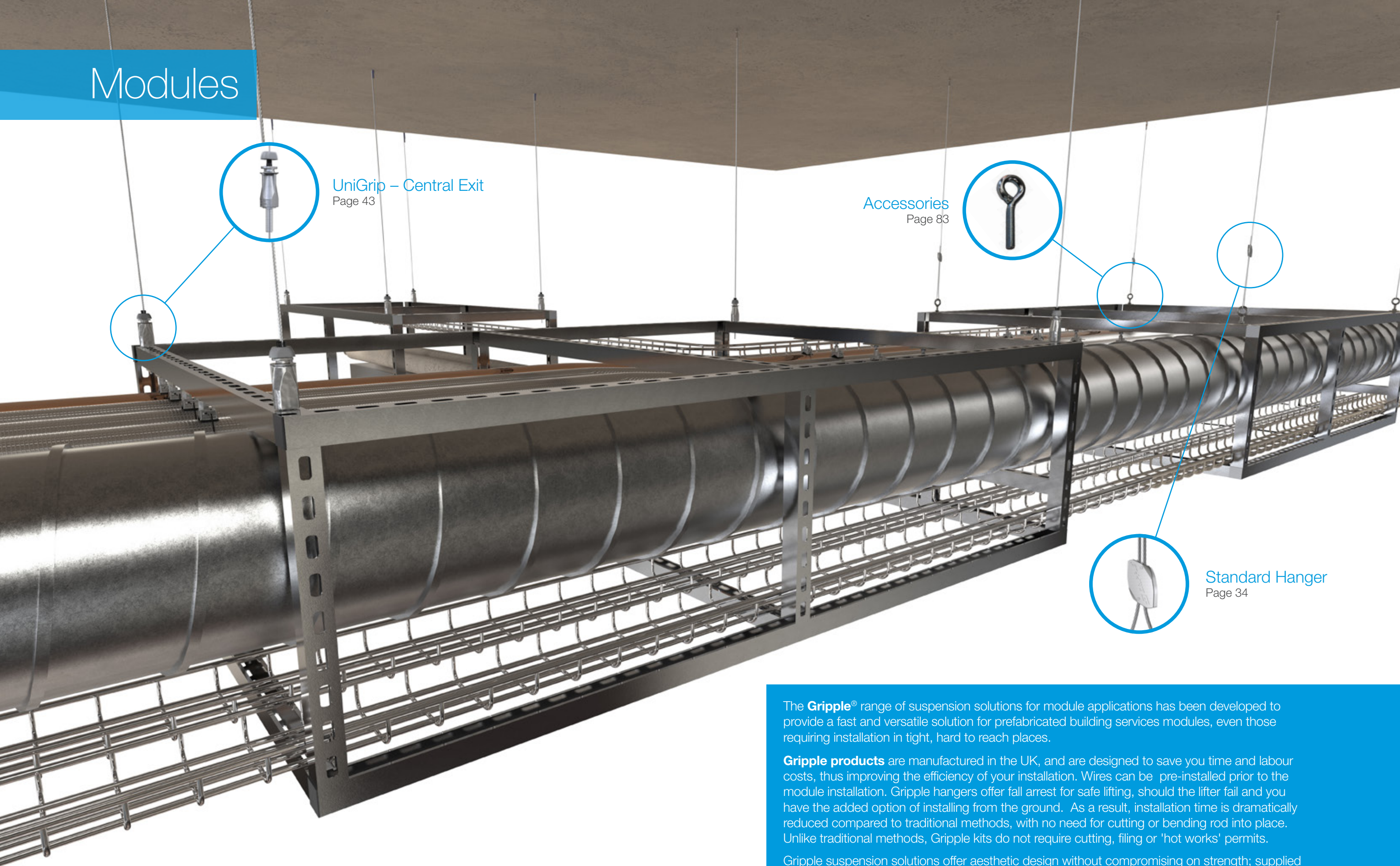
UniGrip – Central Exit
Page 43

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 43

Accessories
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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



Angel Hook
Page 37



Express
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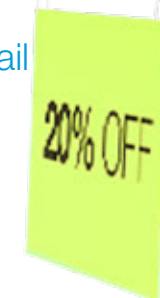
Angel
Page 36



Standard Hanger
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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 50

C-Clip
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Express
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Angel
Page 36

Acoustic Spring
Anchor
Page 88

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

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

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

Black Line



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

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

The Black Line 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 +44 (0)114 275 2255 or email sales@gripple.com

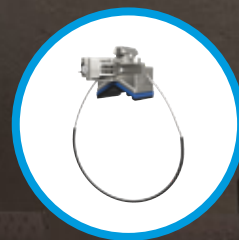
Products shown are for internal use only. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.

Fast Trak

Fast Trak - Low Profile
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QT Compact Clamp
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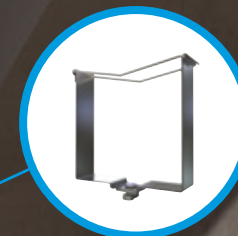
Fast Trak- Side Loading
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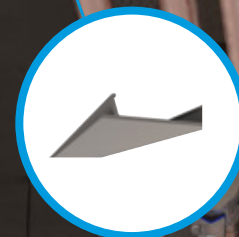
Conduit Clamp
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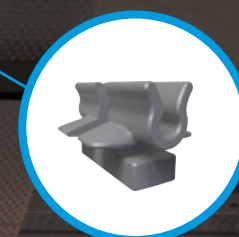
Trunking Clamp
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Bracket Cover
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CB Clip
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CT Clip
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J-Hook
Page 92



Vibration Dampener
Page 92



Fast Trak - Standard
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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.



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 +44 (0)114 275 2255 or email 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
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Fire Rated Hanger
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Fast Trak
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Trapeze Plus FR
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Trapeze Plus FR
Cable Basket Adaptor
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G-Bracket
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Universal Bracket
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Other applications

For further information please call (0114) 275 2255 or email sales@gripple.com



Seismic Bracing & Blast Protection Systems



Seasonal (External Catenaries)



Bracing Solutions



Solar Panel Installation



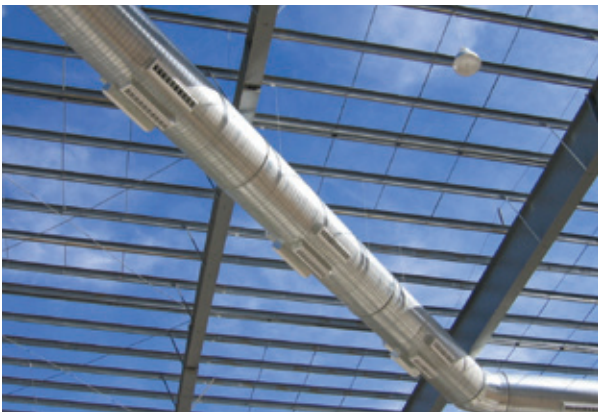
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Pipework Insulation Collars	page 64






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

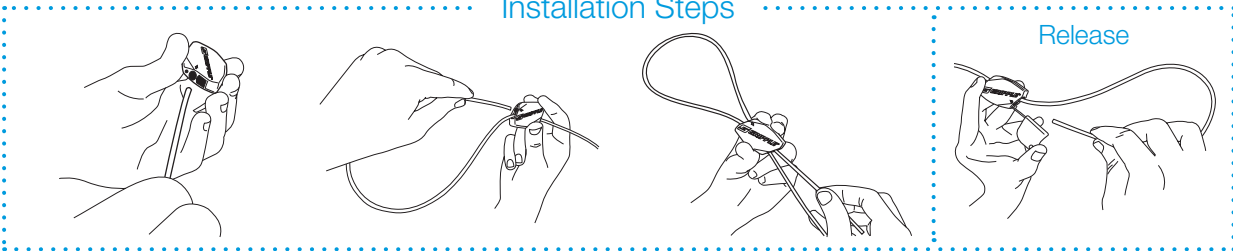


Available Sizes and Load Ratings

 No. 1 10 kg SWL (5:1)	 No. 2 45 kg SWL (5:1)	 No. 3 90 kg SWL (5:1)	 No. 4 225 kg SWL (5:1)	 No. 5 325 kg SWL (5:1)
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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.


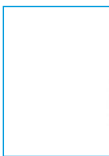
Express

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

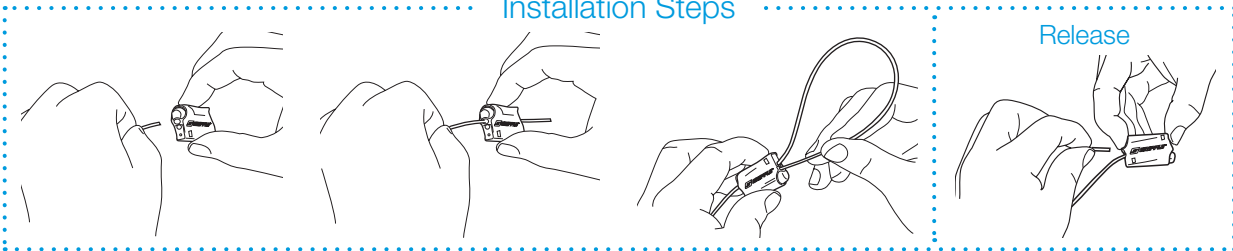


Available Sizes and Load Ratings

 No. 1 15 kg SWL (5:1)	 No. 2 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.

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

	No. 1 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.

	Y-Fit <ul style="list-style-type: none">Dual fixing points for balance150, 300 and 460 mm leg lengths as standardAvailable with a variety of wire end fixingsCentral wire exit		Swivel <ul style="list-style-type: none">Swivel feature for suspension at angles up to 90°Available in M4, M6, M8 and 1/4" UNCFemale: maximum insertion depth 6 mmMale: 15 mm exposed thread length as standardSide wire exit
	Hook <ul style="list-style-type: none">Ideal for light fittings, signage, or for use with eyebolts, spring and wire anchorsSafety clasp for securityIntegrated hook with 2.5 mm clearanceSide wire exit		Disc <ul style="list-style-type: none">Ideal for use with various lighting tracks and track hangersDisc diameter ø17.5 mmAvailable with a variety of wire end fixingsSide wire exit
	Side Exit Female <ul style="list-style-type: none">Female threaded foot, ideal for direct attachment to light fittings, frames and acoustic panelsAvailable in M4, M6 and 1/4" UNCMaximum insertion depth 6 mmSide wire exit		Signage Rail <ul style="list-style-type: none">Ideal for suspending signage or panels on either a rail or by screwsTwo screw holes for direct attachmentCentral wire exit
	Side Exit Male <ul style="list-style-type: none">Threaded male foot, ideal for direct attachment to light fittings, frames and acoustic panelsAvailable in M4, M6 and 1/4" UNC as standard. M5, M8, M10 and M13 adaptors available15 mm exposed thread length as standard, bespoke lengths on requestSide wire exit		Four Point <ul style="list-style-type: none">Ideal for light panels with multi fixing pointsPerfect for even balance of square modulesSide wire exitFour Point disc diameter 16 mm
	Central Exit <ul style="list-style-type: none">Threaded male foot, ideal for direct attachment to light fittingsAvailable in M6 and 1/4" UNC, as standard5 mm minimum exposed thread length as standard, bespoke lengths on requestCentral wire exit		Angel Knockout <ul style="list-style-type: none">Ideal for strip lighting with standard 7/8" knockout holesSlots into knockout centers and twists to lock into placeNo tools needed, or the need to remove the back of the fixture
	Signage <ul style="list-style-type: none">Ideal for signage up to 5 mm in thicknessGrub screw for direct attachmentAvailable with a variety of wire end fixingsSide wire exit <p>SWL dependent on the material it is used to suspend</p>		Angel Helix <ul style="list-style-type: none">Ideal for fast installation and easy adjustment of acoustic panelsHelix screw locks simply into acoustic panels using a hex keyLocks into acoustic panel with audible click to confirm secure installationCentral and Side wire exit options

Fire Rated Hanger

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

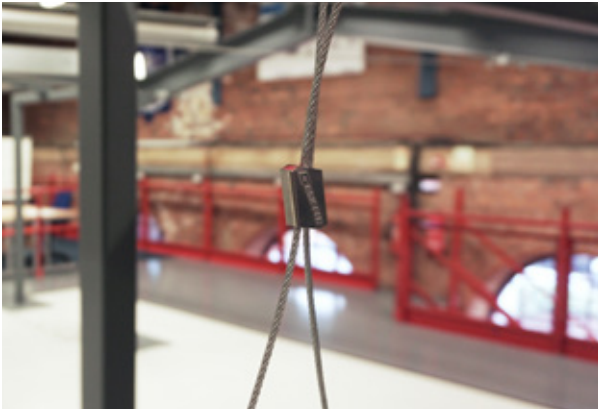
Fire Rated – tested to F120, according to the temperature curve of BS EN 1363-1:2012. For certification to support load limits and exposure times, see page 39

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



No. 2

45 kg SWL
(5:1)

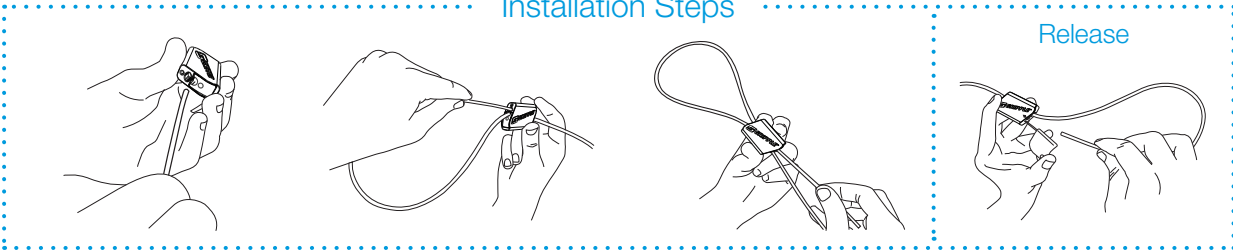


No. 3

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.

Fire Rated Product Matrix

	3rd Party Fire Tested to BS 476 (ISO 843) Fire Curve Temperatures			
	842°C	945°C	1006°C	1049°C
Temperature				
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-KG...SS-F - Karabiner (8-80S) End Fixings	15 kg	7.5 kg	2.5 kg	–
AY2-KG...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**				
All sizes: FTB250 - FTB1500	90 kg	45 kg	45 kg	45 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	■	–

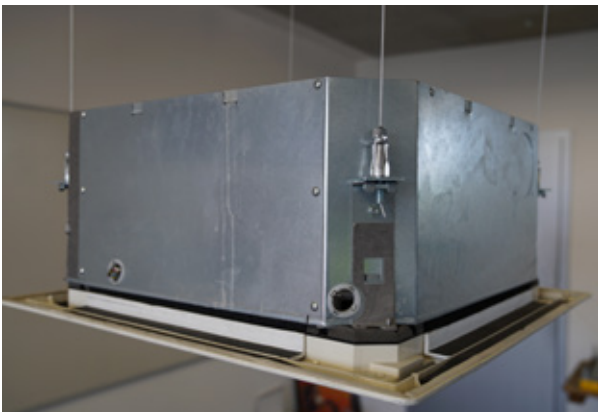
Key	
–	End Fixing unavailable
■	F30, F60, F90 and F120 available
o	F30, F60, F90 and only

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

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

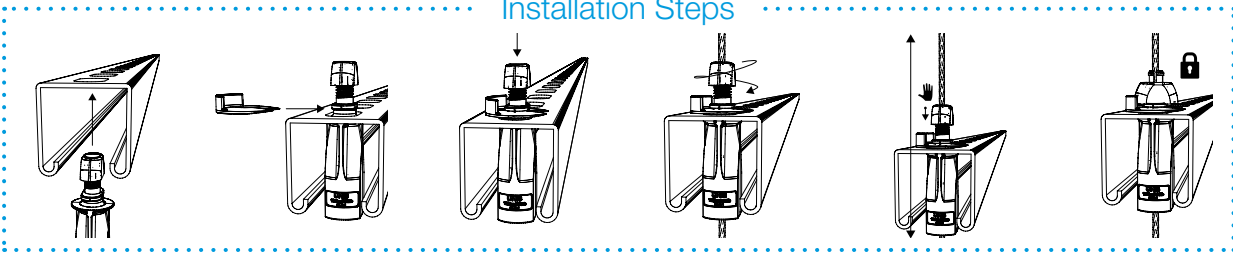


Available Sizes and Load Ratings

	No. 2 55 kg SWL (5:1)		No. 3 110 kg SWL (5:1)		No. 4 250 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

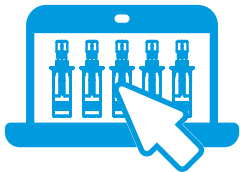


Contact Gripple for full product information, submittal data and technical support.

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.

	Standard <ul style="list-style-type: none">Designed for non mechanical fixing through bracketsSupplied with retention clip for pre-fabrication applicationsCentral wire exit		QT <ul style="list-style-type: none">Designed for use with Gripple Universal BracketsQuarter turn installation, no mechanical fix requiredSafety clip for added securityCentral wire exit		Calibra <ul style="list-style-type: none">Designed for adjustment of building services under load35 mm of finite adjustment using integral adjustment pillar and M8 threadSide wire exit
	Hook <ul style="list-style-type: none">Self closing latch for securityDesigned for heating/cooling panels and light fittingsSide wire exit		Y-Fit <ul style="list-style-type: none">Designed for lighting or containmentDual fixing points for balance150 mm, 300 mm and 500 mm leg lengths as standardLegs available with a variety of wire end fixings eg. Toggle, Snap Hook etc.Side wire exit		Side Exit <ul style="list-style-type: none">Designed for applications in which wire cannot exit centrally (avoiding clashes with services)Supplied with a hex nutSide wire exit
	Phenolic Adaptor <ul style="list-style-type: none">Ideal for phenolic & PIR fabricated ductworkFast, tool free insertion with less time at heightPush-fit directly into the underside of the duct15 kg SWL per bracket at 5:1 safety factor		Central Exit with square washer & channel nut <ul style="list-style-type: none">Designed for services suspended with channelSupplied with a channel nutMale thread for mechanical fixingM8 (UniGrip No.2)M10 (UniGrip No.3)M12 (UniGrip No.4)Central wire exit		Central Exit with hex nut <ul style="list-style-type: none">Designed for services suspended with channelSupplied with a hex nutMale thread for mechanical fixingM8 (UniGrip No.2)M10 (UniGrip No.3)M12 (UniGrip No.4)Central wire exit



www.gripple.com/unigrip

Trapeze Plus Fire Rated

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 39

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

	No. 2 45 kg SWL (3:1)		No. 3 90 kg SWL (3:1)		No. 4 225 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.

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Duct Trapeze

Ideal for single and multi-tiered suspension of rectangular ductwork.

Quick – adjustment pin allows for rapid adjustment, no Setting Key required

High performance – rubber pad prevents air leakage and dampens vibration


Strong – industry approved, conforms to DW/144 Class D

Compatible – suitable for ducting made from 0.6 – 1.5 mm gauge steel

Safe – no tools or 'hot works' permit required for installation, improving health and safety on-site

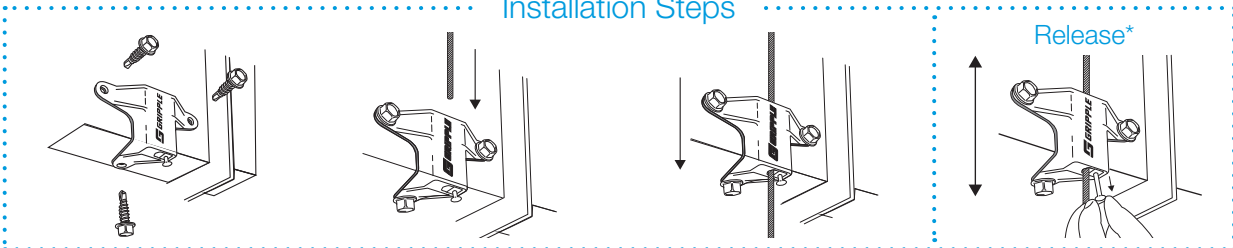


Available Sizes and Load Ratings

	No. 2 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



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

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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 to 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

	No. 1 10 kg SWL (5:1)		No. 2 45 kg SWL (5:1)		No. 3 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.


Y-Fit Kit Codes

1


CHOOSE 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

2


CHOOSE YOUR LEG END FIXING



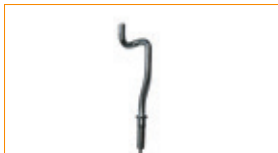
Toggle
TG



Snap Hook
HG



Link Hook
NG



Cable Tray Hook
CTG

3

CHOOSE YOUR WIRE LENGTH*

1M

2M

3M

4M

5M

10M

* Not available on Y-Fit Accessory

4

CHOOSE YOUR LEG LENGTH*

150MM

300MM

500MM

* Bespoke leg lengths are available, please call 0800 0184 264

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

-

-

PRODUCT

LEG END FIXING

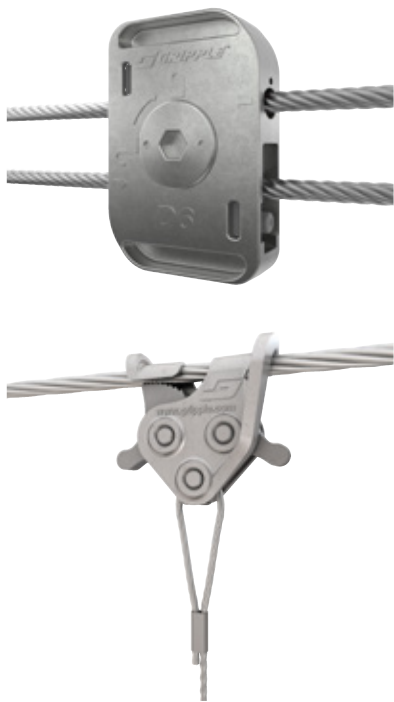
WIRE LENGTH

LEG LENGTH



Catenary Kit & C-Clip

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

- Versatile** - can easily be used for a variety of applications including lighting, HVAC, pipework and electrical containment
- Quick** - fewer components compared to traditional methods, up to six times faster to install than traditional suspension systems
- Aesthetic** - the design complements enclosed and open soffit spaces providing a discreet finish
- Safe** - no 'hot works' permit required for installation, improving health and safety on-site
- Easily tensioned** - using the Gripple Catenary Tensioning Tool reducing time spent working at height
- Secure** - locking mechanism in the Lockable Plus prevents dynamic movements
- Strong** - industry approved
- Lightweight** - easy to move and handle on-site, whilst reducing the load on the building structure

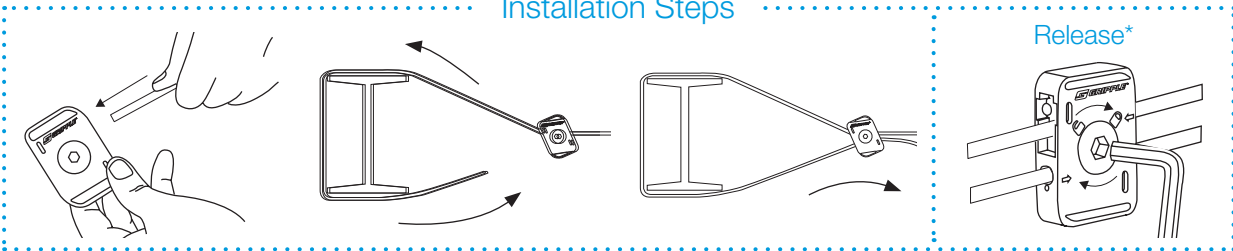


Available Sizes and Load Ratings

	3 mm 30 kg SWL (free span) (5:1)		6 mm 100 kg (free span) (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.

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Catenary Kit Codes


How to work out your unique product code:

1

CHOOSE YOUR PRODUCT



Lockable Plus 3
(3 mm)
CTI-3MM



Lockable Plus 6
(6 mm)
CTI-6MM

2

CHOOSE YOUR WIRE LENGTH

3M

5M

8M

10M

20M

30M

40M

Enter your unique product code (e.g. CTI-3MM-30M):

-

PRODUCT

WIRE LENGTH

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

Catenary Wall Brackets are available to complement the Catenary Kit using the code below:



C-Clip 3 mm
CC3

C-Clip 6 mm
CC6



CAT-BRACKET-100MM

For further product information please call 0800 0184 264 or visit our website www.gripple.com for further details.



Fast Trak™ - Standard

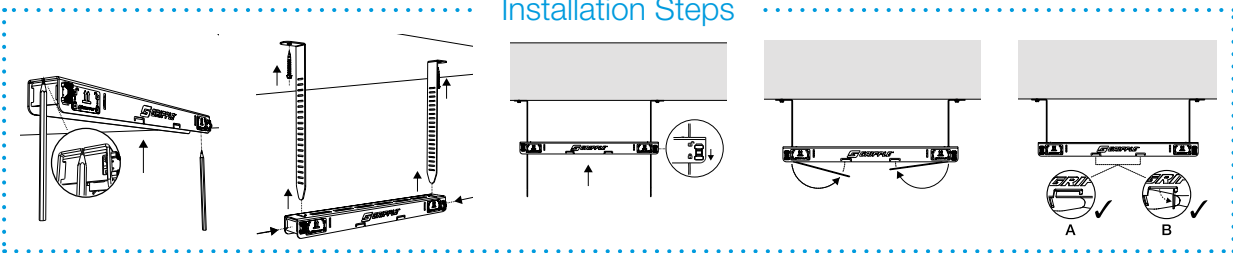
Pre-fabricated, trapeze bracket solution offering speed, flexibility and efficient use of space, for the installation of electrical containment, pipework, ductwork and other mechanical services in restricted places.

- 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 discrete 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 Available Track Sizes

					
FTB-250 – 180 kg SWL (3:1)	FTB-600 – 180 kg SWL (3:1)	FTB-1050 – 90 kg SWL (3:1)	FTT-135 – 90 kg SWL (5:1)	FTT-535 – 90 kg SWL (5:1)	
FTB-350 – 180 kg SWL (3:1)	FTB-750 – 180 kg SWL (3:1)	FTB-1200 – 90 kg SWL (3:1)	FTT-285 – 90 kg SWL (5:1)	FTT-785 – 90 kg SWL (5:1)	
FTB-450 – 180 kg SWL (3:1)	FTB-900 – 180 kg SWL (3:1)	FTB-1500 – 90 kg SWL (3:1)			

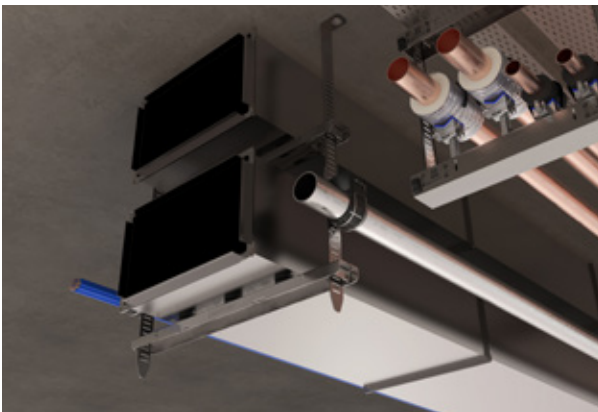


Do not adjust under load. Contact Gripple for full product information, submittal data and technical support.



Fast Trak™ - Low Profile

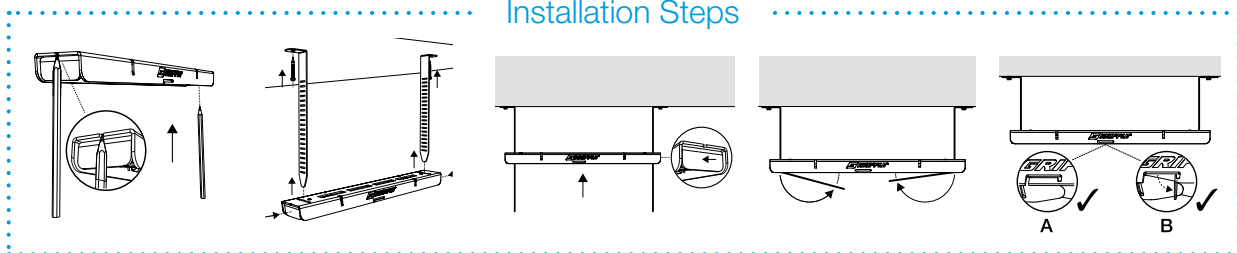
A low profile alternative to the standard Fast Trak solution offering greater space efficiency than the standard Fast Trak bracket range. Ideal for use with electrical containment, pipework and mechanical services in ultra-restricted ceiling spaces.

- 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 Available Track Sizes

					
FTBL-250 – 90 kg SWL (3:1)	FTBL-600 – 50 kg SWL (3:1)	FTBL-1050 – 20 kg SWL (3:1)	FTT-135 – 90 kg SWL (5:1)	FTT-785 – 90 kg SWL (5:1)	
FTBL-350 – 90 kg SWL (3:1)	FTBL-750 – 40 kg SWL (3:1)	FTBL-1200 – 15 kg SWL (3:1)	FTT-285 – 90 kg SWL (5:1)	FTT-1035 – 90 kg SWL (5:1)	
FTBL-450 – 90 kg SWL (3:1)	FTBL-900 – 30 kg SWL (3:1)		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

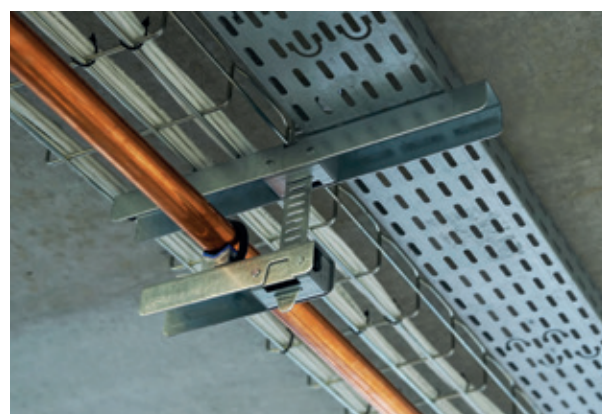
Secure – safety locks ensure security once brackets and tracks are in place

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

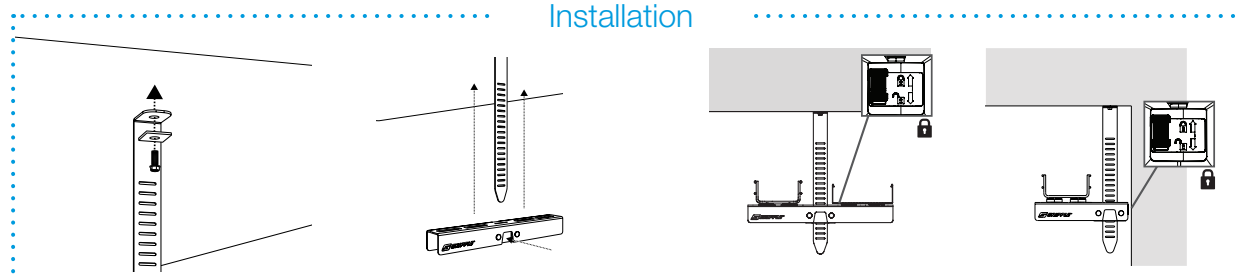
	
<p>Single Load</p> <p>FTBS-180 – 15 kg SWL (3:1)</p>	<p>Twin Load</p> <p>FTBT-200 – 30 kg SWL (3:1)</p> <p>FTBT-300 – 30 kg SWL (3:1)</p> <p>FTBT-400 – 30 kg SWL (3:1)</p>

..... Available Track Sizes



FTT-135 – 90 kg SWL (5:1)
FTT-235 – 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 *

* 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	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**):

A diagram showing a sequence of 20 boxes. The first 8 boxes are red and labeled 'BRACKET'. The 9th box is grey with a minus sign. The next 6 boxes are orange and labeled 'TRACK'. The 15th box is grey with a minus sign. The last 6 boxes are blue and labeled 'OPTIONAL EXTRAS'.

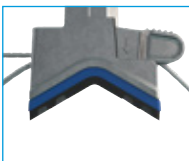
QT Universal Clamp

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



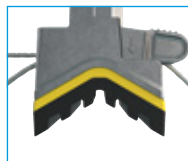
Pad Variants



Standard
Rubber pad for insulation purposes
14 dBa reduction.



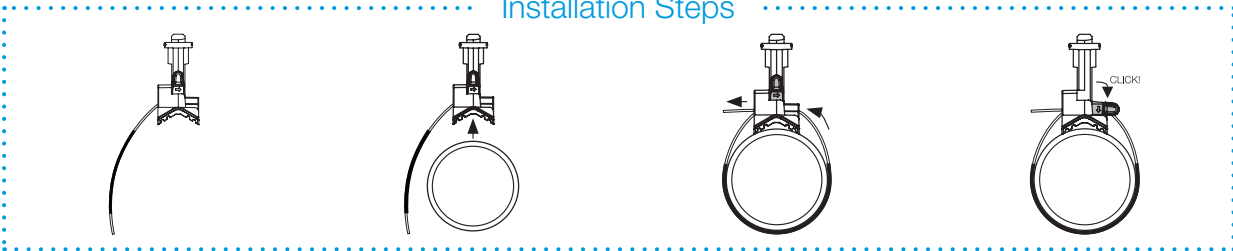
Large
Improved fit for large dia. pipe
Most suitable for 3" and above 18 dBa reduction.



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.

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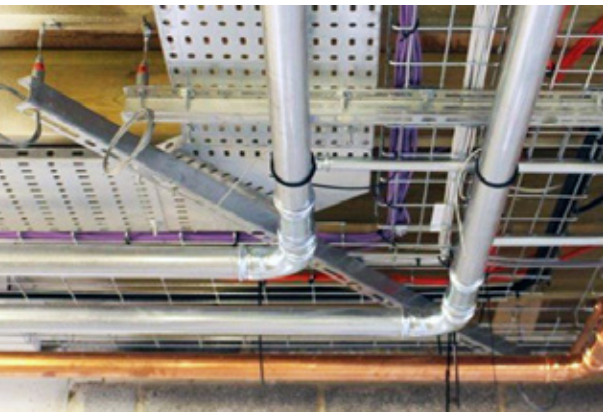
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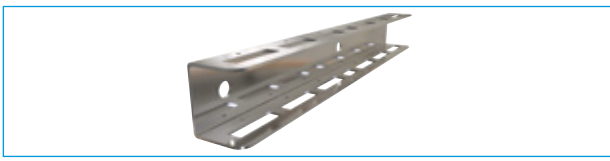
Universal Bracket

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

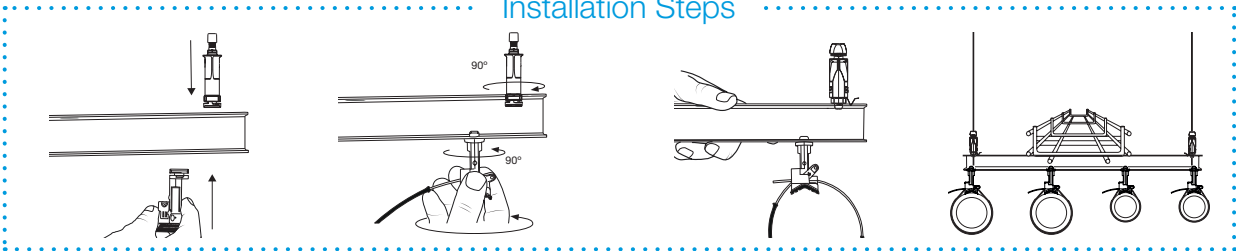


Size Variants



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.

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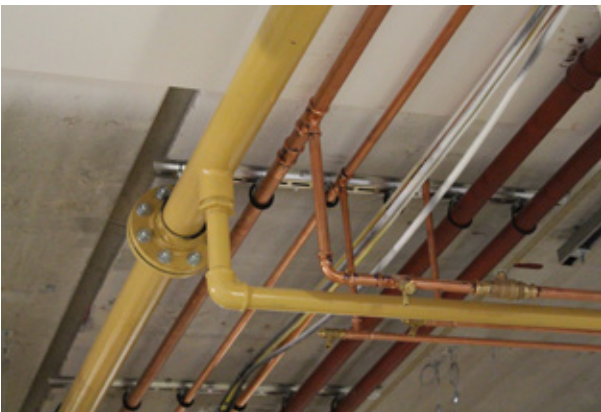
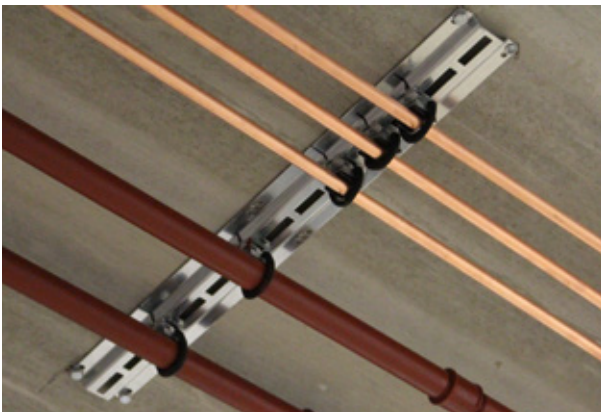
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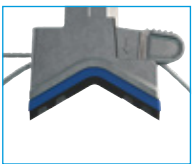
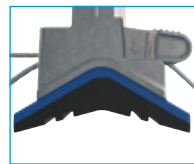
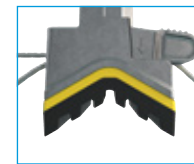
QT Compact Clamp

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

	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
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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

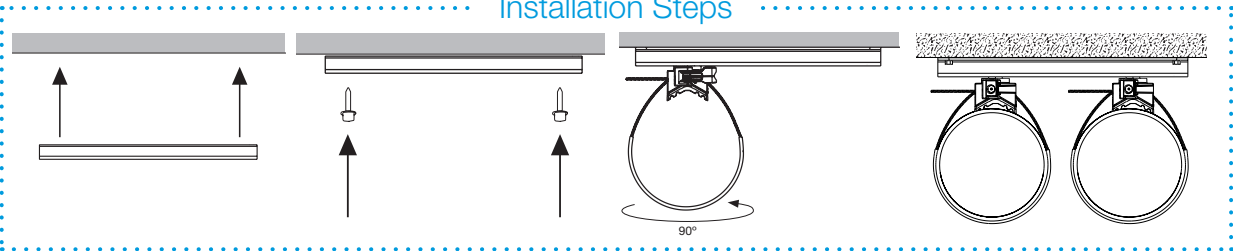


Size Variants

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

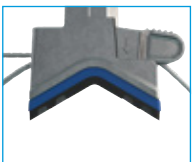
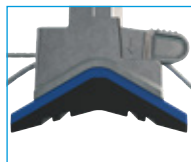
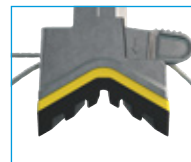
Universal Clamp

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

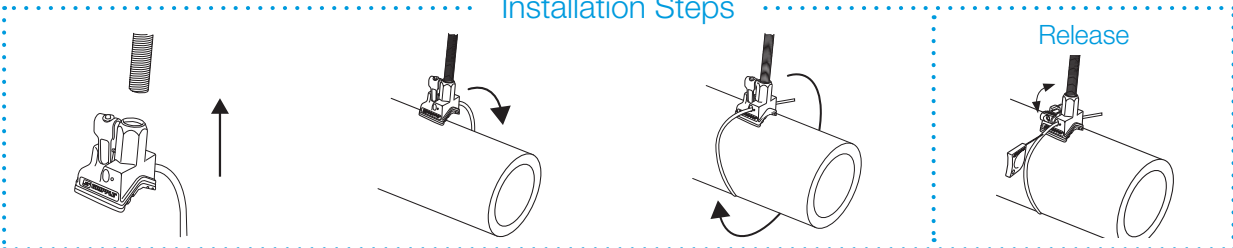


Pad Variants

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

Installation Steps

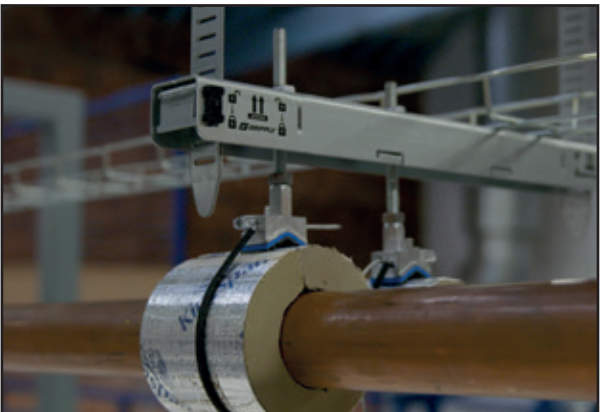
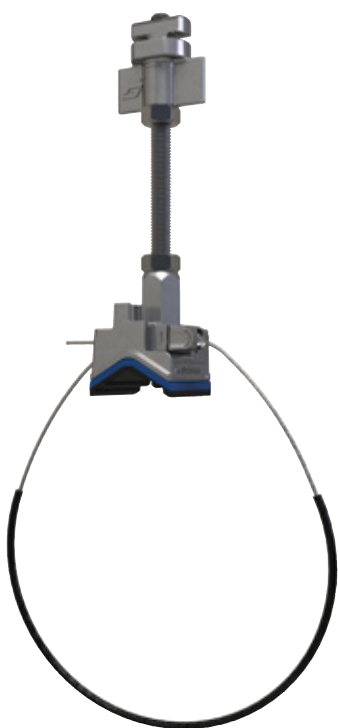


Contact Gripple for full product information, submittal data and technical support.

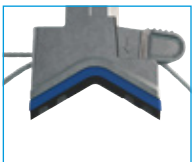
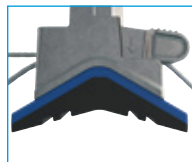
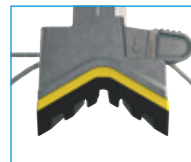
Height Adjustable Universal Clamp

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

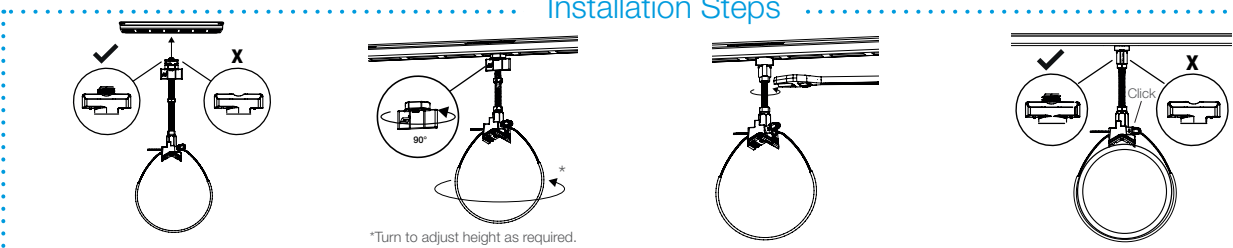


Pad Variants

	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.
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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.

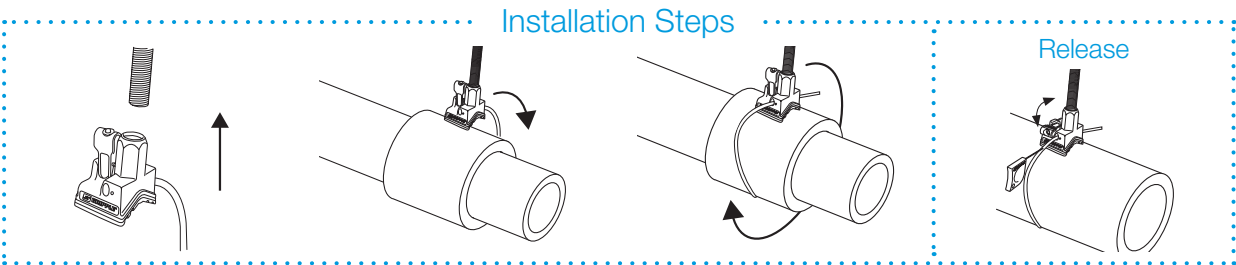
Pipe Insulation Collars

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		Thermal Conductivity	
Kooltherm® -50°C to +120°C	Armaflex® -183°C to +105°C	Kooltherm® 0.021 W/m·K at 10°C	Armaflex® 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:

1CHOOSE YOUR INSULATION

2CHOOSE YOUR OUTSIDE PIPE DIAMETER (OD MM)

15212227283435

425460677689

3CHOOSE YOUR INSULATION THICKNESS (MM)

KOOLTHERM®

152025304050

ARMAFLEX®

192532

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

-

INSULATIONPIPE DIAMETERINSULATION THICKNESS



End Fixings


Loop & Stud	page 68
Toggle & Snap Hook	page 69
Cable Tray Hook & Mini Hook	page 70
Barrel & Top Hat	page 71
End Stop & Eyelet	page 72
45° Eyelet & 90° Eyelet	page 73
Cladding Hook & Ring Anchor	page 74
Ceiling Anchor & Link Hook	page 75
Karabiner & C-Clip	page 76
Shot Fire & Channel Nut	page 77
Decking Wedge & Alphawedge	page 78
Multiwedge 2 & TR60 Wedge	page 79
MF Wedge & Twist Clip (White)	page 80
Magnetic Pad & QT Barrel	page 81


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



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

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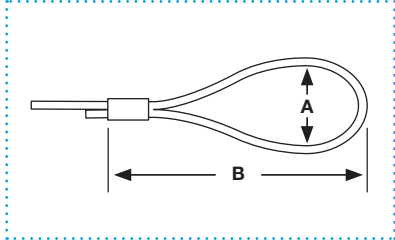

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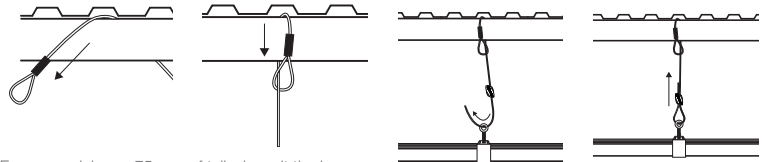

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Installation



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

Size (SWL)	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



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

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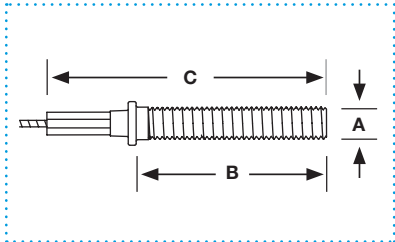

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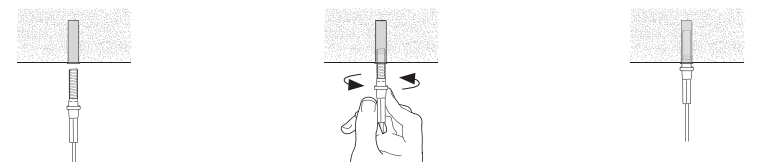

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Installation

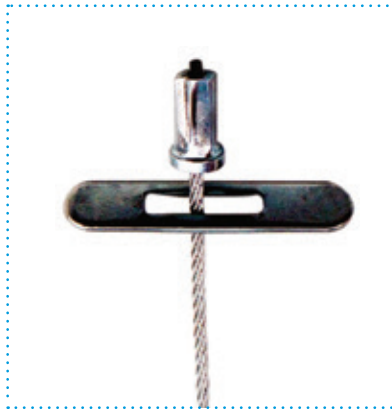


Size	A (Ø)	B (mm)	C (mm)
No. 1*	M6	20	48
No. 2	M6	20	48
	M8	45	70
	M10	45	77
No. 3	M6	20	48
	M8	45	70
	M10	45	77
No. 4*	M10	45	100


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



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

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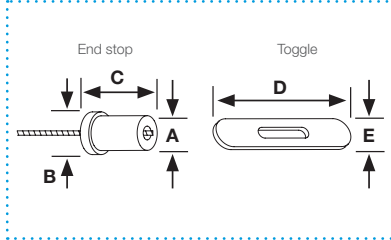

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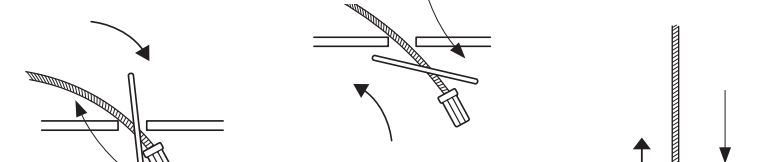

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Installation

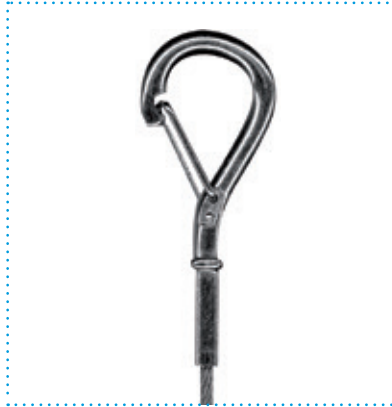


Size (SWL)	A (Ø)	B (Ø)	C (mm)	D (mm)	E (mm)
No. 1	4.2	5.9	8	40	5.8
No. 2	6.2	7.9	12	40	7.8
No. 3	6.2	9.9	18	40	9.7


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



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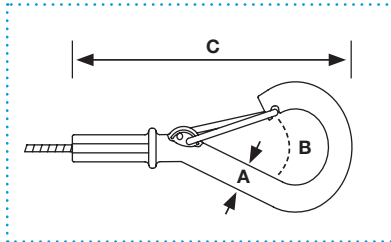

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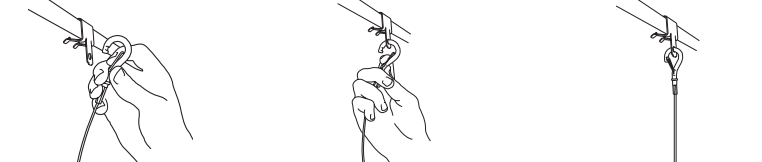

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Installation




Size (SWL)	A (mm)	B (mm)	C (mm)
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



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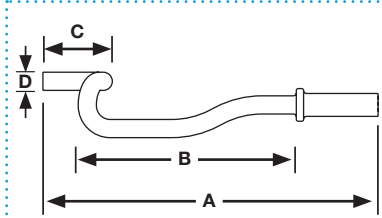

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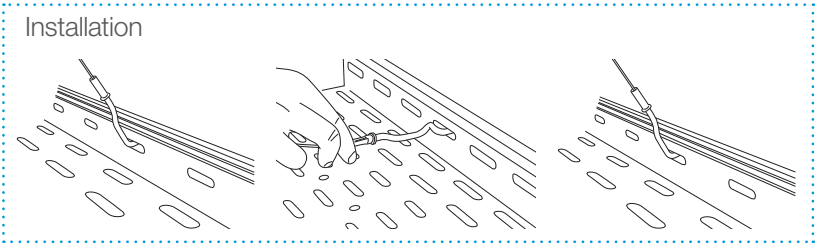

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Size (SWL)	A (mm)	B (mm)	C (mm)	D (mm)
No. 2	92	60	19	5





Install fixings in accordance with manufacturer's specifications.


Mini Hook

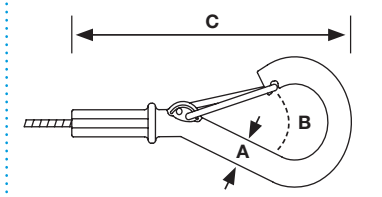
- Ideal for services that require access or maintenance, such as cable tray and cable basket, especially when used as a Y-Fit
- Available up to 15 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Standard lengths 1 m - 10 m
- Other lengths are available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

Available Hangers

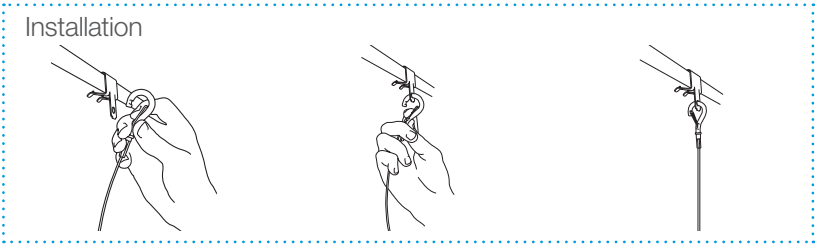

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Size (SWL)	A (mm)	B (mm)	C (mm)
No. 1	4.5	5	55





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



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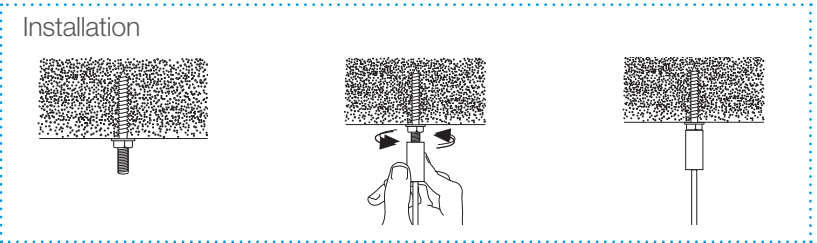
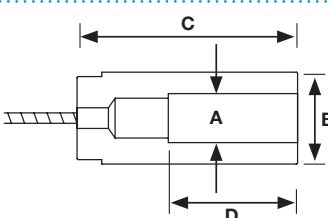

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Install fixings in accordance with manufacturer's specifications.


Top Hat


- 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



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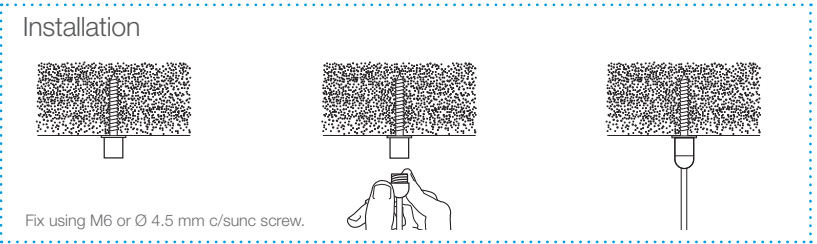
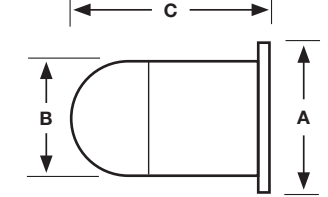

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Fix using M6 or Ø 4.5 mm c/sunc screw.


Install fixings in accordance with manufacturer's specifications.


Size (SWL)	A (mm)	B (mm)	D (mm)
No. 1	18	14	26
No. 2	18	14	26


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



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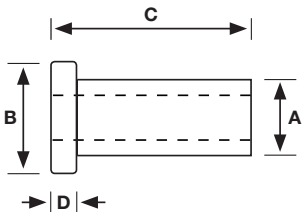

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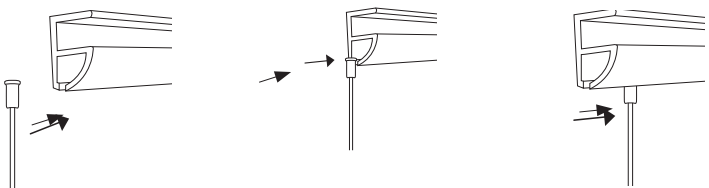

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Installation






Size (SWL)	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



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

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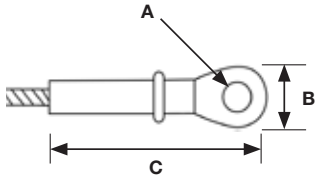

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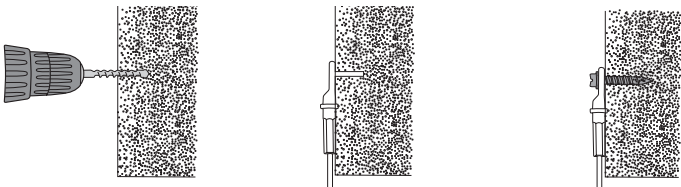

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Installation






Size (SWL)	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



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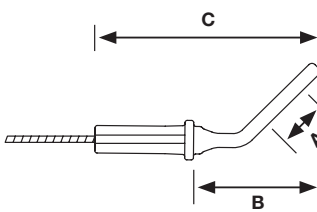

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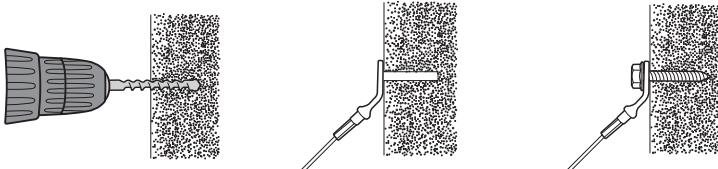

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Installation






Size (SWL)	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



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

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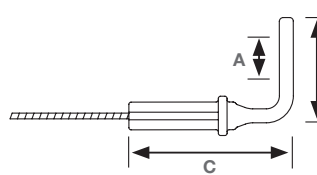

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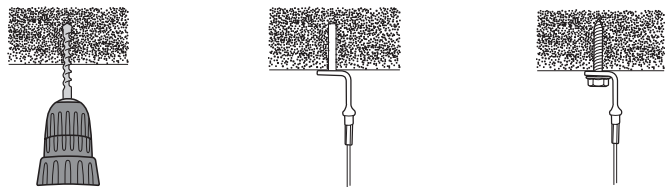

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Installation





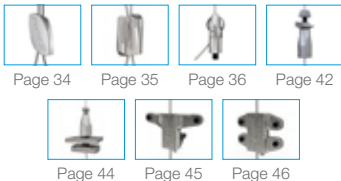
Size (SWL)	A (mm)	B (mm)	C (mm)
No. 1	7.5	25	38
No. 2	7.5	25	38
No. 3	7.5	25	38

Install fixings in accordance with manufacturer's specifications.

Cladding Hook

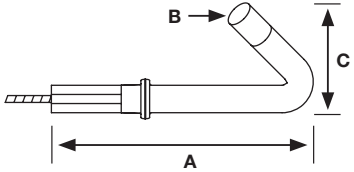
- Designed to fit 6 mm holes
- Suitable for every grade of steel
- Creates a secure hanger
- Safe working load may vary dependent on the thickness of steel to which it is attached
- Comes as a ready-to-use kit with Gripple wire rope and hanger

Available Hangers

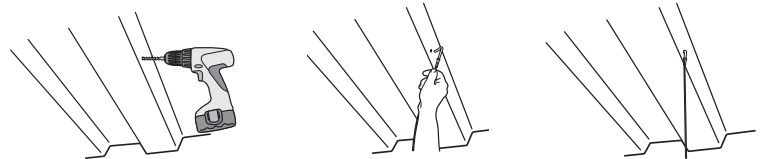


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Installation





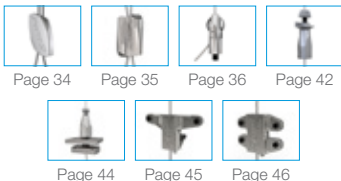
Size (SWL)	A (mm)	B (mm)	C (mm)
No. 2	59	5	24

Install fixings in accordance with manufacturer's specifications.

Ring Anchor

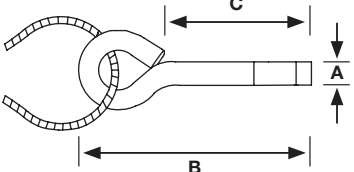
- Ideal for fixing into non-cracked and cracked concrete
- Shallow anchorage depth of 25 mm
- Available up to 55 kg SWL with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request

Available Hangers

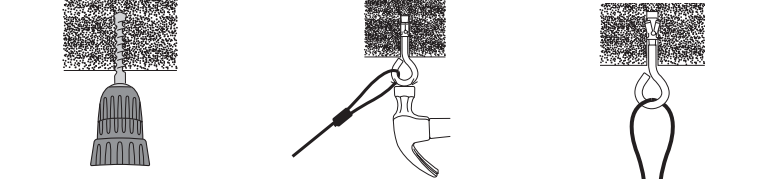


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Installation





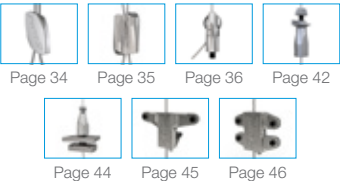
Size (SWL)	A (mm)	B (mm)	C (mm)
No. 1	6	54	35
No. 2	6	54	35

Install fixings in accordance with manufacturer's specifications.

Ceiling Anchor

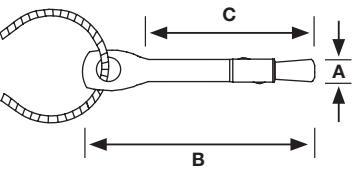
- Ideal for fixing Gripple hangers into concrete
- Knock into a pre-drilled hole, pull with a claw hammer to set
- Available up to 45 kg SWL with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request

Available Hangers

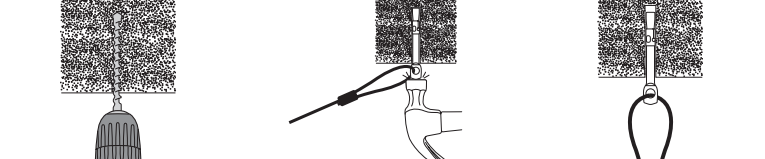


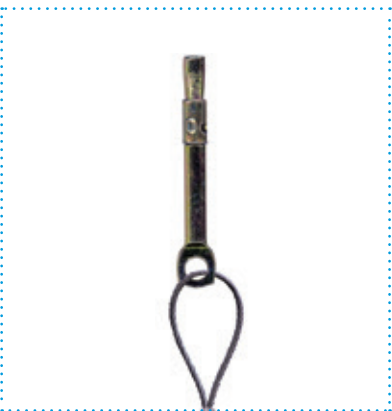
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Installation





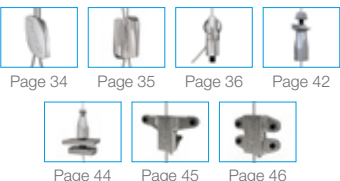
Size (SWL)	A (mm)	B (mm)	C (mm)
No. 1	6	65	50
No. 2	6	65	50

Install fixings in accordance with manufacturer's specifications.

Link Hook

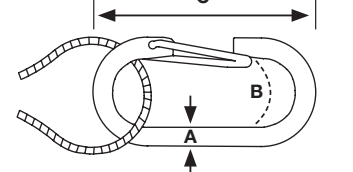
- Ideal for use with cable tray
- Available up to 45 kg SWL with a 4:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request

Available Hangers

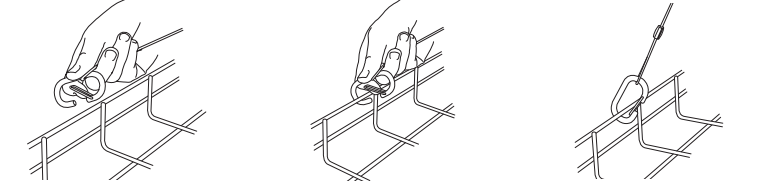


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Installation





Size (SWL)	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

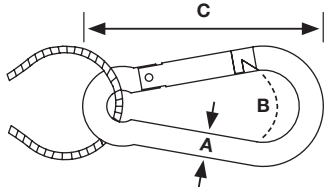
- Provides 9 mm clearance
- Available up to 90 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m
- Other lengths are available on request
- Available in stainless steel



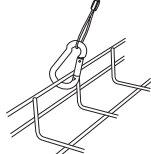
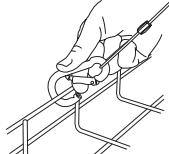
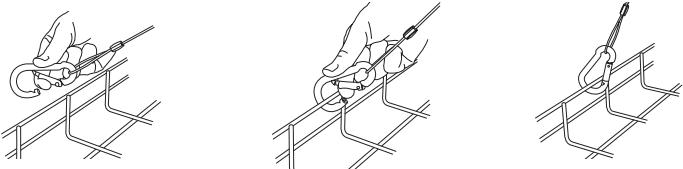
Available Hangers


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Installation



Size (SWL)	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

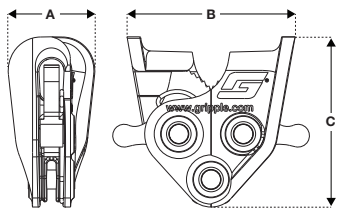
- Up to 10 times faster to install
- Allows horizontal and vertical adjustment
- Cams lock solidly in place even at angles up to 60°
- 3 mm and 6 mm versions available
- Can be retrofitted
- One handed installation, no tools required
- Designed for use with Gripple Catenary Kits
- Available up to 45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




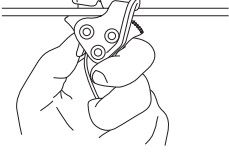

Available Hangers


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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)



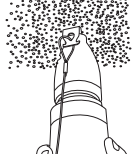
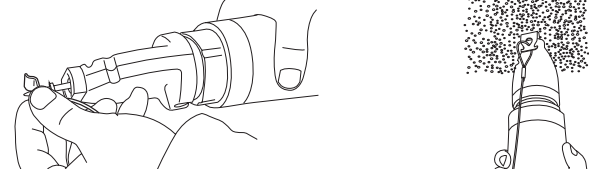
Available Hangers


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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

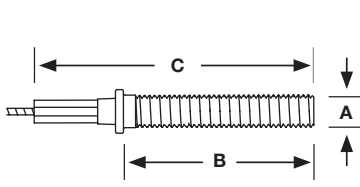
- Fast to install
- Pre-assembled and ready-to-insert
- Fits directly into the channel
- Available up to 250 kg SWL with a 5:1 safety factor
- Fits both 41 x 41 and 41 x 21 channel
- Ideal for common rail installations
- Ideal for multi-tier installations
- No additional components required



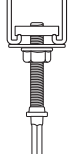
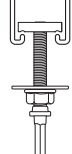
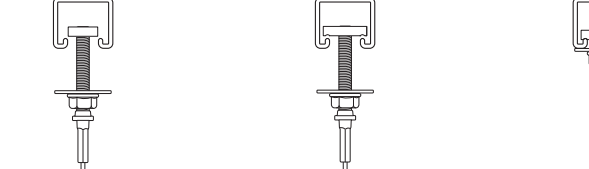
Available Hangers


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Installation



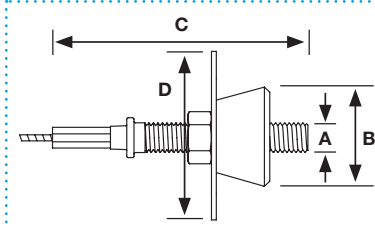
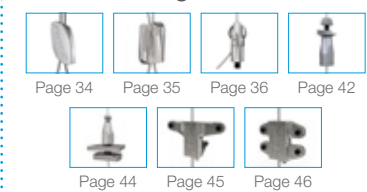
Size (SWL)	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70
No. 4	M10	45	100

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

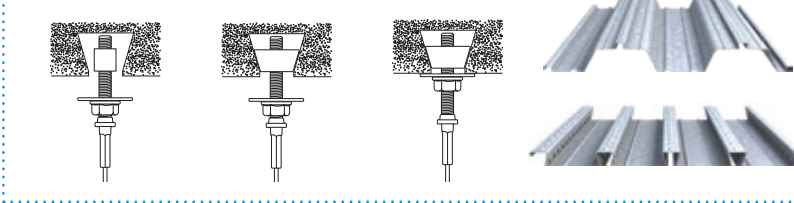
Available Hangers



25 mm Wedge

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

Installation



18 mm Wedge

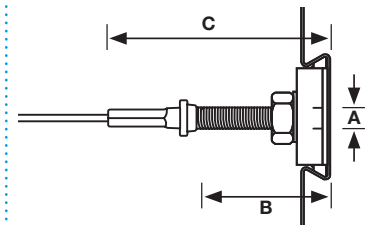
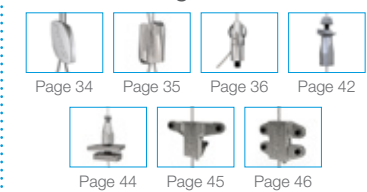
Size (SWL)	A (Ø)	B (mm)	C (mm)	D (mm)
No. 2	M8	18	70	40

Install fixings in accordance with manufacturer's specifications.

Alphawedge

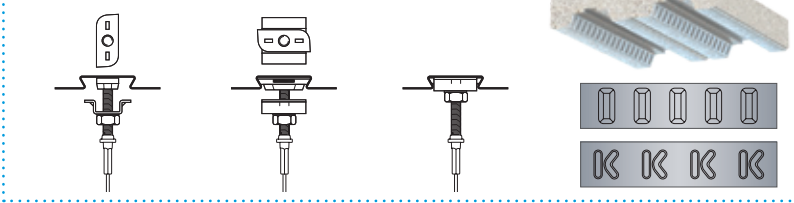
- Designed for use with Ribdeck E60
- Adjustable and removable, no need for drilling specialist tools or skills
- Available up to 90 kg SWL
- Comes as a ready-to-use kit with Gripple wire rope and hanger

Available Hangers



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

Installation

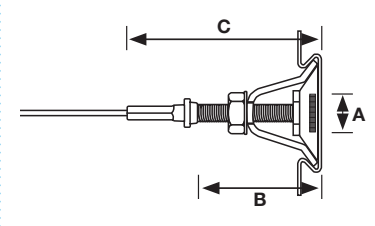
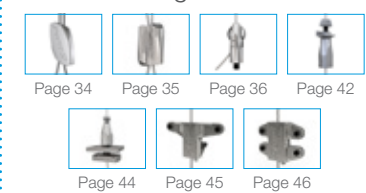


Install fixings in accordance with manufacturer's specifications.

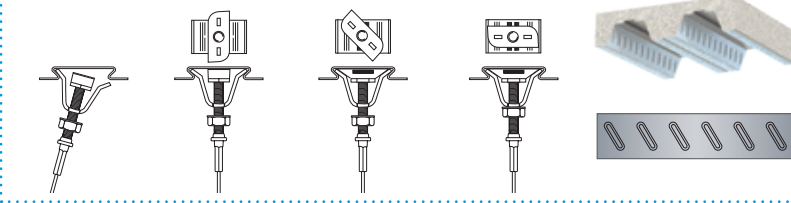
Multiwedge 2

- 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



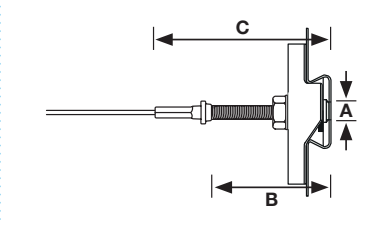
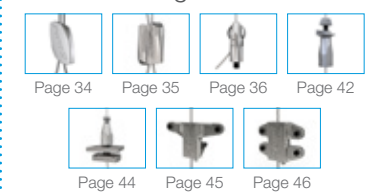
Size (SWL)	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70

Install fixings in accordance with manufacturer's specifications.

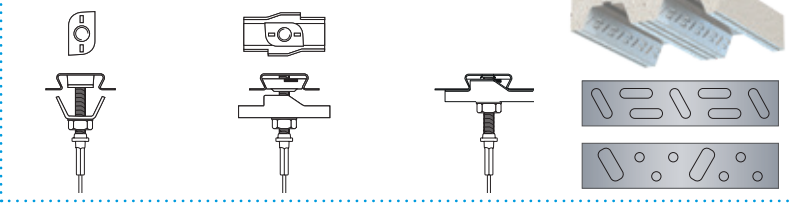
TR60 Wedge

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


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



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

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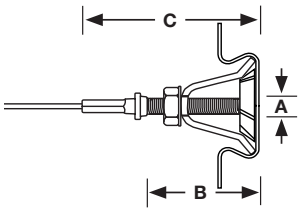

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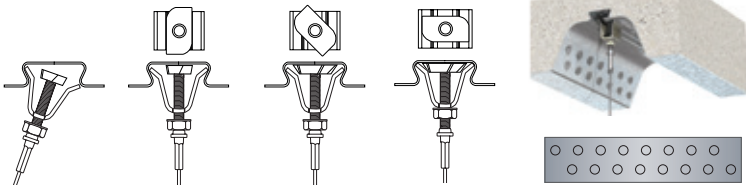

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Installation






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


Install fixings in accordance with manufacturer's specifications.


Twist Clip (White)

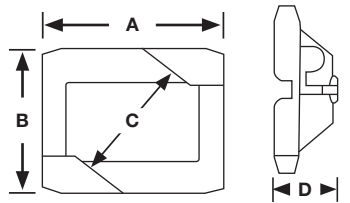
- Designed for use on 24 mm T-Bar grid ceilings
- Quicker manufacture and installation times
- Ideal for use with the Angel range
- Quick and easy to install – no tools required
- Visually discreet and lightweight
- Can be retrofitted
- Will not cause damage to the T-Bar grid
- Available as part of a ready-to-use kit or in bulk as an accessory

Available Hangers



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Installation






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


Install fixings in accordance with manufacturer's specifications.


Magnetic Pad

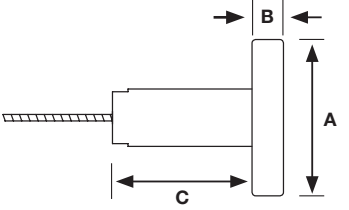
- Ideal for hanging signage and fixing services to magnetic metal surfaces
- Available up to 8 kg SWL with a 2:1 safety factor
- Load is affected by the metal thickness and surface condition (painted finish)
- Not for use on aluminium, brass or non-magnetic products
- Comes as a ready-to-use kit with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

Available Hangers

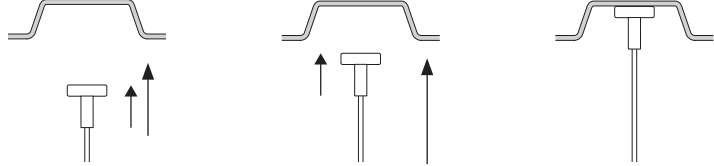

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Installation






Size (SWL)	A (mm)	B (mm)	C (mm)
No. 1	25	8	45


Install fixings in accordance with manufacturer's specifications.


QT Barrel

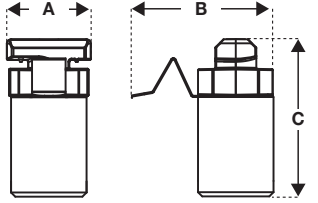
- Fast, quarter turn attachment to Gripple Brackets
- Allows for suspension of services from pre-installed header rails or to provide multi-tier suspension from Gripple Universal Brackets
- Fail safe clip to secure into bracket - prevents unexpected movement
- Available for use with No. 1, No. 2 and 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

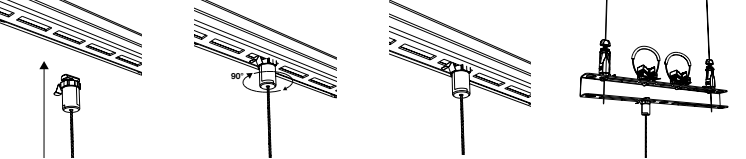

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Installation





Size (SWL)	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.



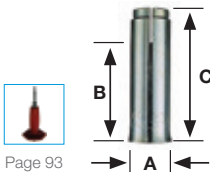
Accessories

Anchoring Solutions	page 84
Brackets and Attachments	page 86
Adaptors	page 88
Beams and Purlins	page 90
UniGrip & Hanger Accessories	page 91
Fast Trak Accessories	page 92
Tools & Finishing Accessories	page 93

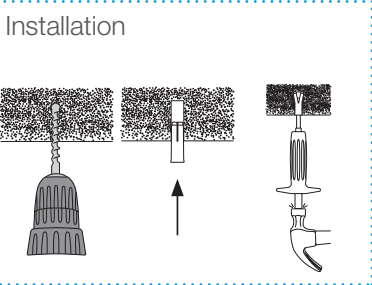
Anchoring Solutions

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



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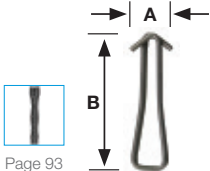
3:1 safety factor – load rating is dependant on base material

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

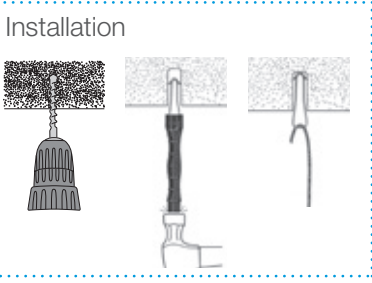
* For further information contact Gripple Technical Services

Concrete Wire Anchor

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



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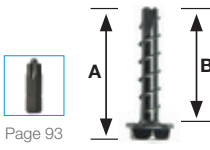
3:1 safety factor – load rating is dependant on base material

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

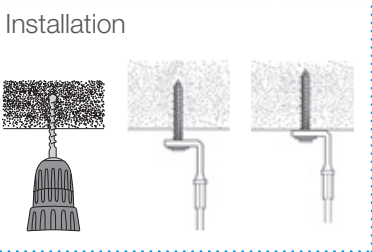
* For further information contact Gripple Technical Services

Concrete Screw

- Suitable for cracked and non-cracked concrete
- Ideal for use with the 90° Eyelet End Fixing (page 73)
- Removable



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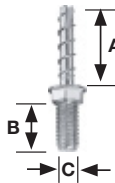
3:1 safety factor – load rating is dependant on base material

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

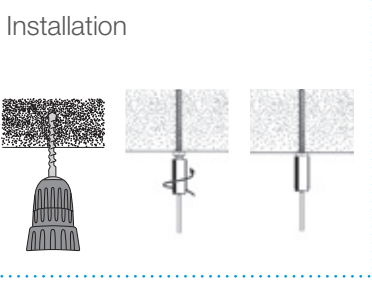
- Suitable for cracked and non-cracked concrete, precast hollow concrete and hard natural stone
- Easy-fit screw with integrated male thread connection
- Ideal for use with the M8 Barrel End Fixing (page 71)
- Removable



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

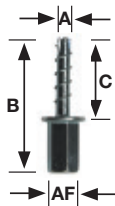
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
BCS35-M8	35	16	M8	170	6	40	25	100

* For further information contact Gripple Technical Services



Stud Cracked Concrete Screw

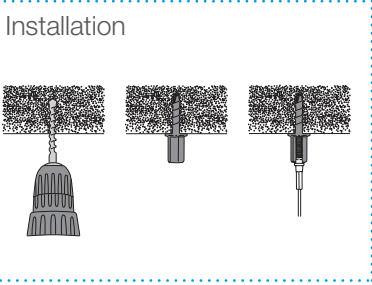
- Suitable for cracked and non cracked concrete
- Dual M8/M10 internal thread
- Ideal for use with the Stud End Fixing (page 68)
- Removable



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

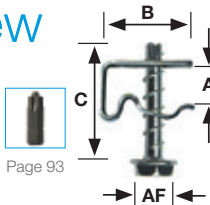
Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
SCCS35	8	60	35	13	170	6	45	25	100

* For further information contact Gripple Technical Services

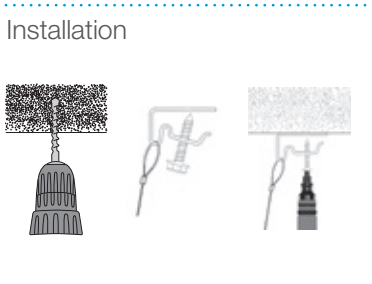


Ceiling Clip Concrete Screw

- 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 68)



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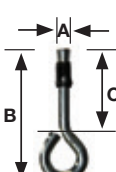
3:1 safety factor – load rating is dependant on base material

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-CS45	15	32	40	13	170	6	40	35	10

* For further information contact Gripple Technical Services

Cracked Concrete Ring Anchor

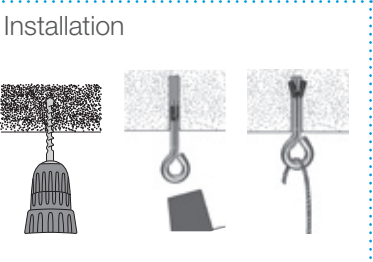
- Suitable for cracked and non-cracked concrete
- Self-expanding anchor
- ETA approved



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

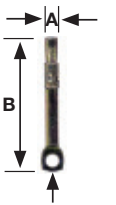
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CCRA6	6	54	31	57	6	35	25	100

* For further information contact Gripple Technical Services



Concrete Ceiling Anchor

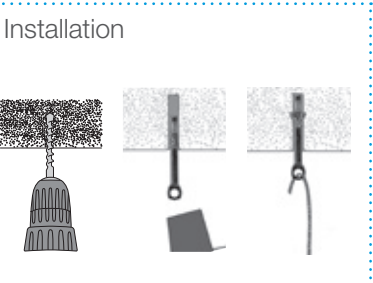
- Suitable for non-cracked concrete and hard natural stone
- Knock into a pre-drilled hole and pull with a claw hammer to set
- Ideal for use with the Standard Hanger (page 34)



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

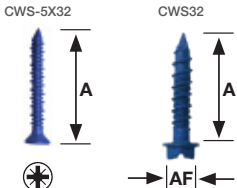
Product code	A (mm)	B (mm)	C Ø (mm)	Max. SWL (kg)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CWH6	6	60	6.2	45	43	25	100

* For further information contact Gripple Technical Services



Concrete Wood Screws

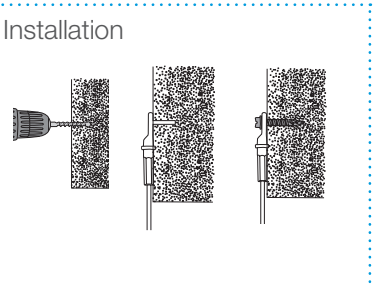
- Easy-fit screw suitable for wood, non-cracked concrete, precast hollow concrete and hard natural stone
- Ideal for use with the range of 90° Eyelet End Fixings (page 73)
- Removable



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

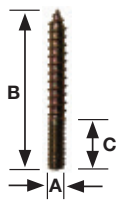
Product code	A (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CWS-5X32	32	-	100	4	35	25	100
CWS32	32	8	100	5	35	25	100

* For further information contact Gripple Technical Services



Barrel Wood Screw

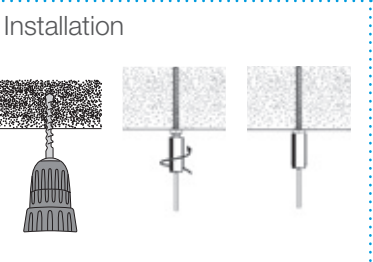
- Easy-fit wood screw with integrated M6 thread connection
- Ideal for use with the M6 Barrel End Fixing (page 71)



Safety factor – load rating is dependant on base material

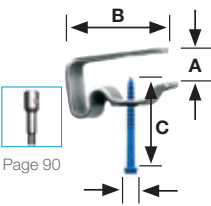
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
BWS35-M6	M6	50	20	N/A	4.5	40	35	100

* 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 68)

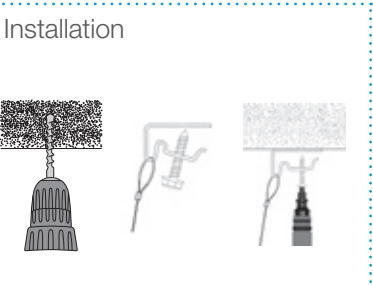


Page 90

Safety factor – load rating is dependant on base material

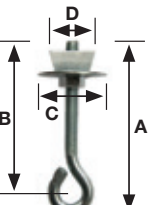
Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CLIP-CWS32	15	32	32	8	N/A	5	40	25	10

* For further information contact Gripple Technical Services



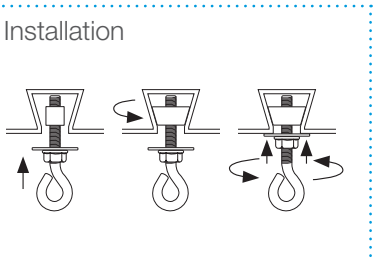
M8 Decking Adaptors

- Ideal for use with the Y-Fit and Y-Fit Accessory (page 48)
- M8 thread with 12 mm diameter eye
- Can be combined with other decking fixings: Alphawedge, MF Wedge, Multiwedge 2 and TR60 (pages 78 - 79)



3:1 safety factor

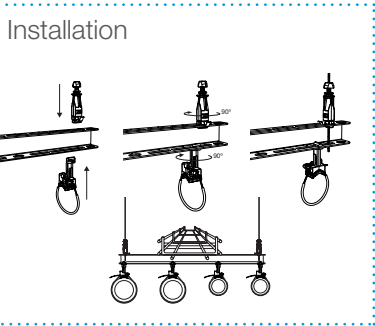
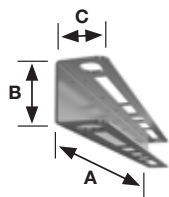
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
ADP-M8-W25	96	80	18	25	90	10



Brackets & Attachments

Universal Bracket

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

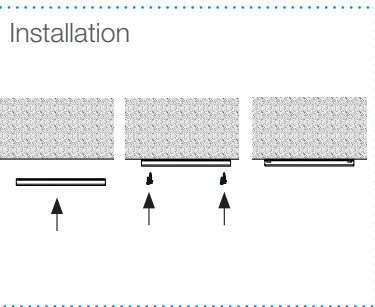
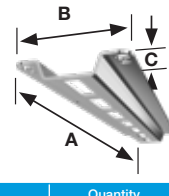


3:1 safety factor

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

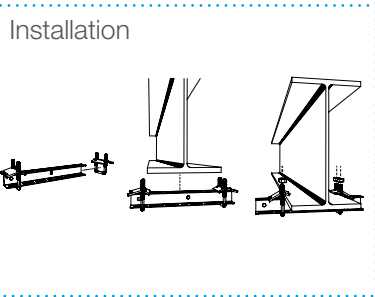
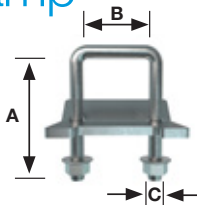


3:1 safety factor

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

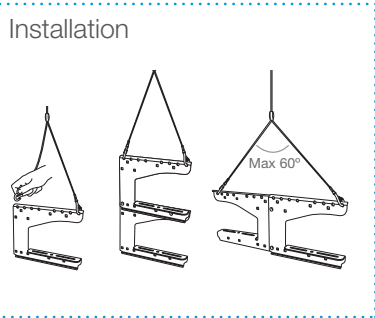
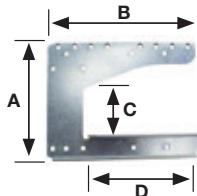
- Allows brackets to be fixed directly to beams for pipe runs close to the deck
- Suitable for a wide range of flange sizes (up to 40mm)
- Quick and easy installation
- Compatible with all Gripple Universal Brackets (page 57)



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 48)
- Fire rated

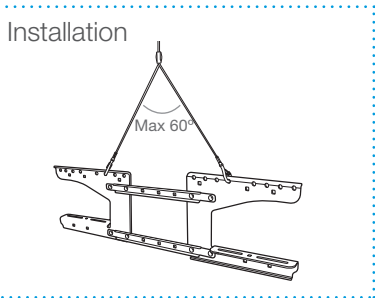
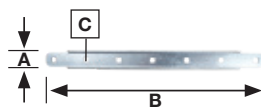


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
G-BRACKET-100	200	188	110	125	30	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

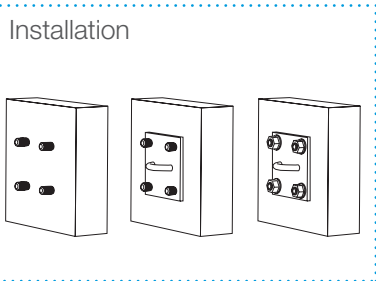
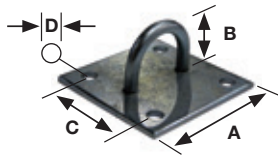


5:1 safety factor

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)

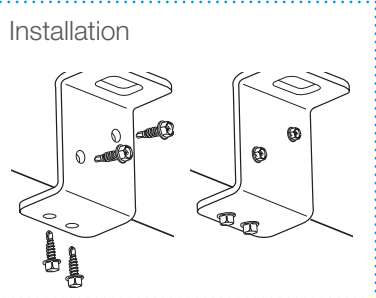
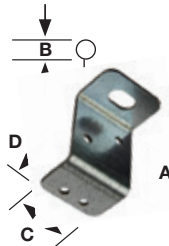


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
CAT-BRACKET-100	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 42)

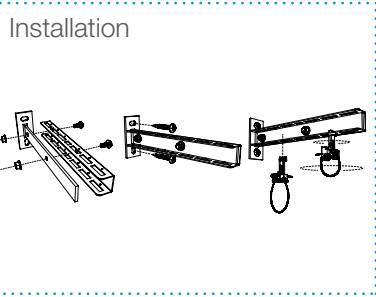


3:1 safety factor

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

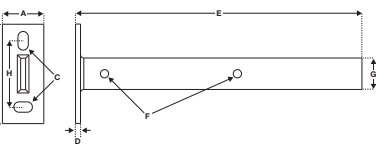
Wall Bracket

- 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 Gripple 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



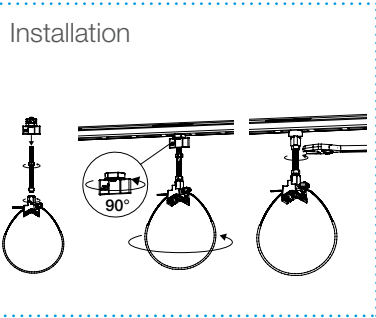
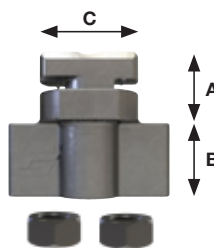
Fixings to wall supplied separately

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 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 Gripple Universal Bracket

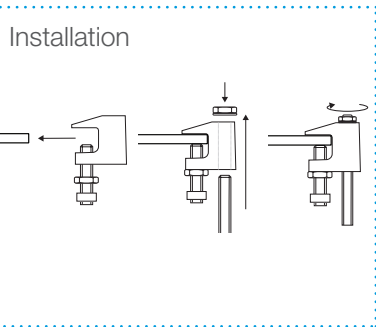
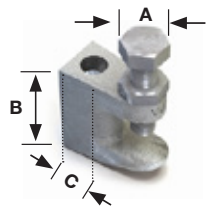


3:1 safety factor

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 Gripple 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

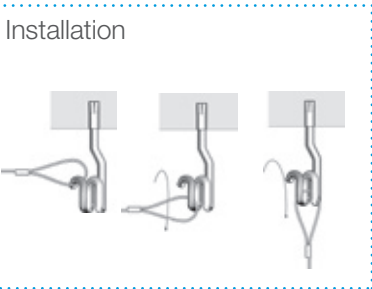
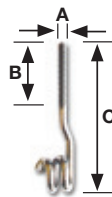
Adaptors

Pigtail

- Fast and secure anchor suitable for use with the Loop End Fixing (page 68)
- Ideal for use with the Drop-In Anchor (page 84)
- 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

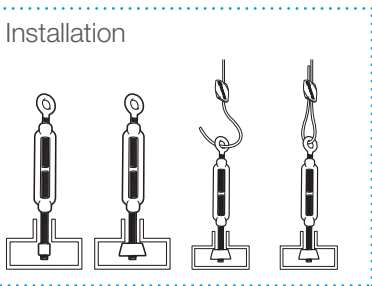
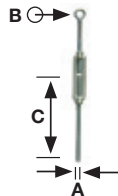


Turnbuckle

- 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

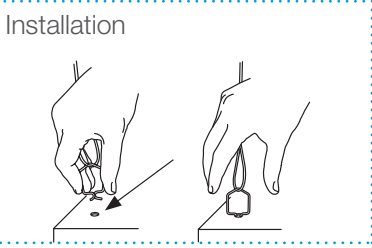
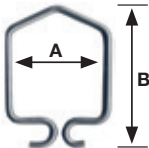


Spring Clip

- 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

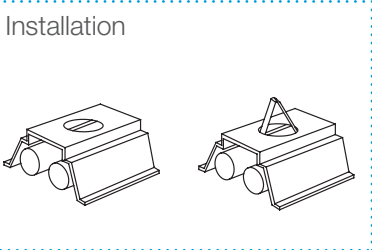
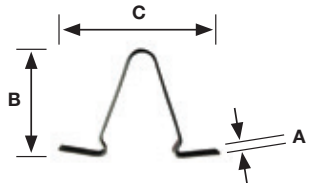


LSK Clip

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

3:1 safety factor

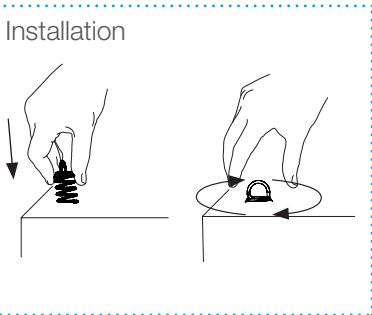
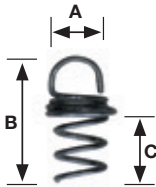
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
CLIP-LSK	8	35	51	3.8	100



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

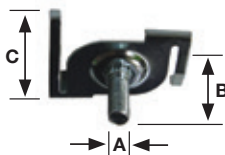


T-Bar Twist Clip

- Ideal for attaching to suspended ceilings
- Integral M6 thread
- Ideal for use with the Barrel End Fixing (page 71)
- 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

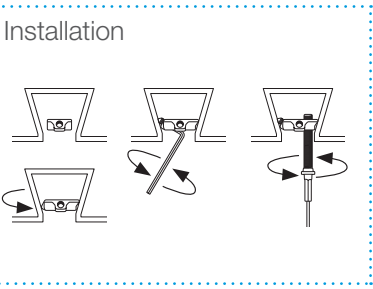
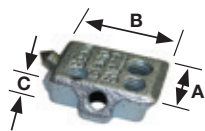


Uni-Wedge

- One universal fitting to fit many decking profiles available in the UK
- Ideal for use with the Stud End fixing (page 68)
- Suitable for: Kingspan Multideck 60 and 80
Richard Lees Ribdeck 80/AL and E60 SMD TR60 and TR80

3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
UNI-WEDGE	33	44	12.5	100	10

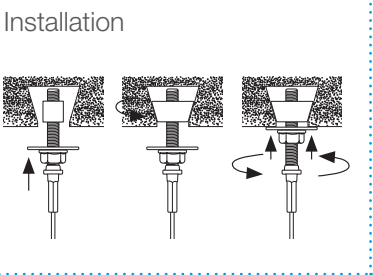
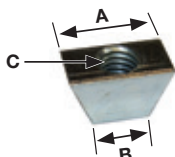


Wedge Nuts

- Ideal for use with the Stud End Fixing (page 68)
- Also supplied as a Decking Wedge End Fixing (page 78)
- 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

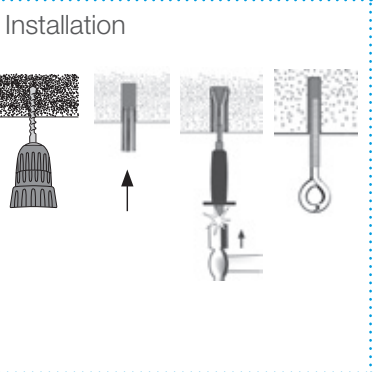
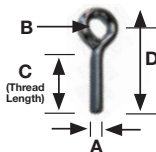


Eyebolt

- 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

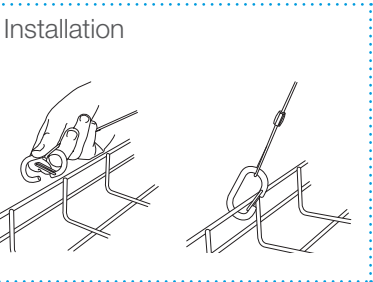
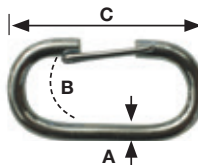


Link Hook

- 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 48)

4:1 safety factor

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

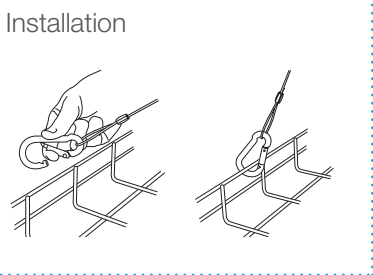
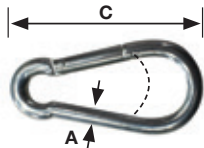


Karabiner

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

5:1 safety factor

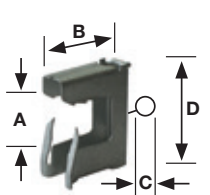
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
KARA-6-60	6	8	60	45	10
KARA-6-60-S	6	8	60	45	10
KARA-8-80	8	10	80	90	10
KARA-8-80-S	8	10	80	90	10



Beams & Purlins

Tiger Clip

- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Snap Hook End Fixing (page 69)

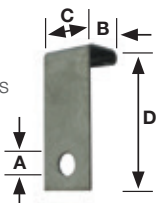


3:1 safety factor

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 69)

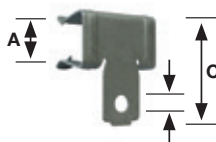


3:1 safety factor

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 69)

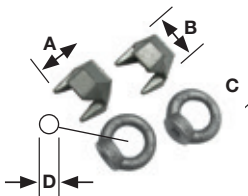


3:1 safety factor

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 - 19 mm flange thicknesses
- Use with M12 threaded rod (not supplied)
- Ideal for use with Catenary Kits (page 50)

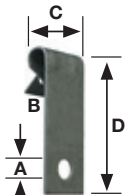


5:1 safety factor

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
GF16-EYENUT-12	8-16	62	62	55	30	340	1
GF20-EYENUT-12	10-19	75	75	55	30	340	1

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 69)

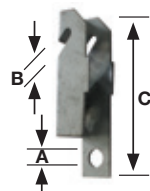


3:1 safety factor

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

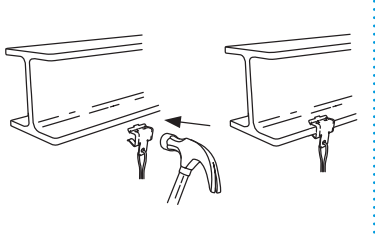
- Hammer-on installation
- Available to suit 2.5 mm maximum flange thickness
- Ideal for use with the Snap Hook End Fixing (page 69)



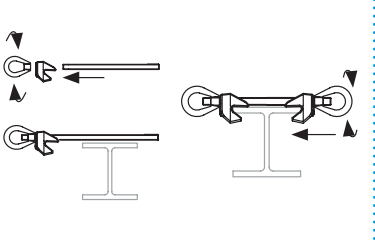
3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCP48	6.5	2.5	48	12	100

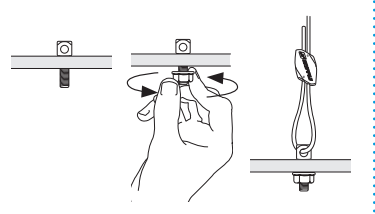
Installation



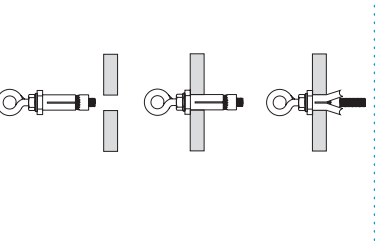
Installation



Installation

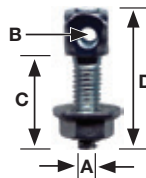


Installation



M6 & M8 Adaptor

- Ideal for fixings to many services such as luminaires
- Can be fixed into concrete using the Drop-In Anchors (page 84)
- Supplied with nut

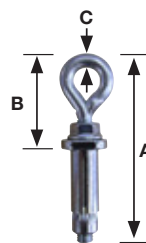


5:1 safety factor - dependent on material

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 50)



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 & 3

- 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.

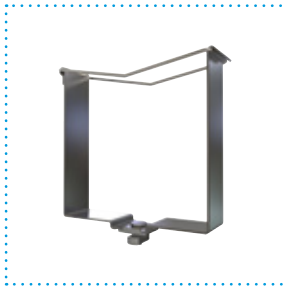
- No specialist tools required for installation
- Available in sizes from 12.5 mm up to 100 mm
- Supports rigid and EMT conduit
- Pre-assembled with nut and bolt



Trunking Clamp

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

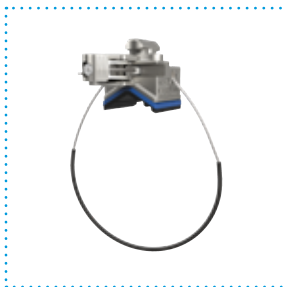
- No tools or additional fixings required
- Available in 4 sizes; 50 x 50 mm, 75 x 75 mm, 100 x 100 mm and 150 x 150 mm
- Integral, hinged latch retains trunking in position
- Suitable for use with PVC and steel trunking



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.

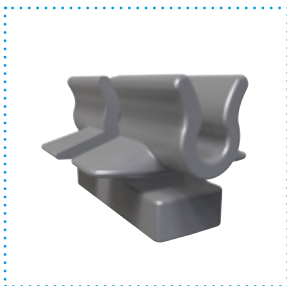
- Gate 'lock off' can be re-opened to add additional cables
- High performance, wide base wire form design
- Fast connection onto the Fast Trak track
- 50 mm diameter; can also be used for VRF/condensate pipes



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 one size to fit 2 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

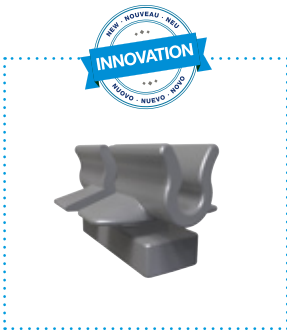


Tools & Finishing Accessories

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



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



Driver Bit

- For use with a power driver
- Torx head to fit Concrete Screw or Cracked Concrete Screw (page 84)



Fixing Tool for Ceiling Clip Wood

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



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



Corner Saddle

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



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



Protective Sleeving

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



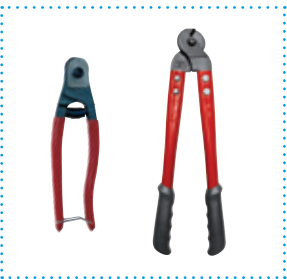
Wire Anchor Installation Tool

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



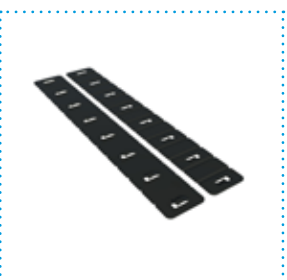
Wire Cutters

- 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



Spreader Band

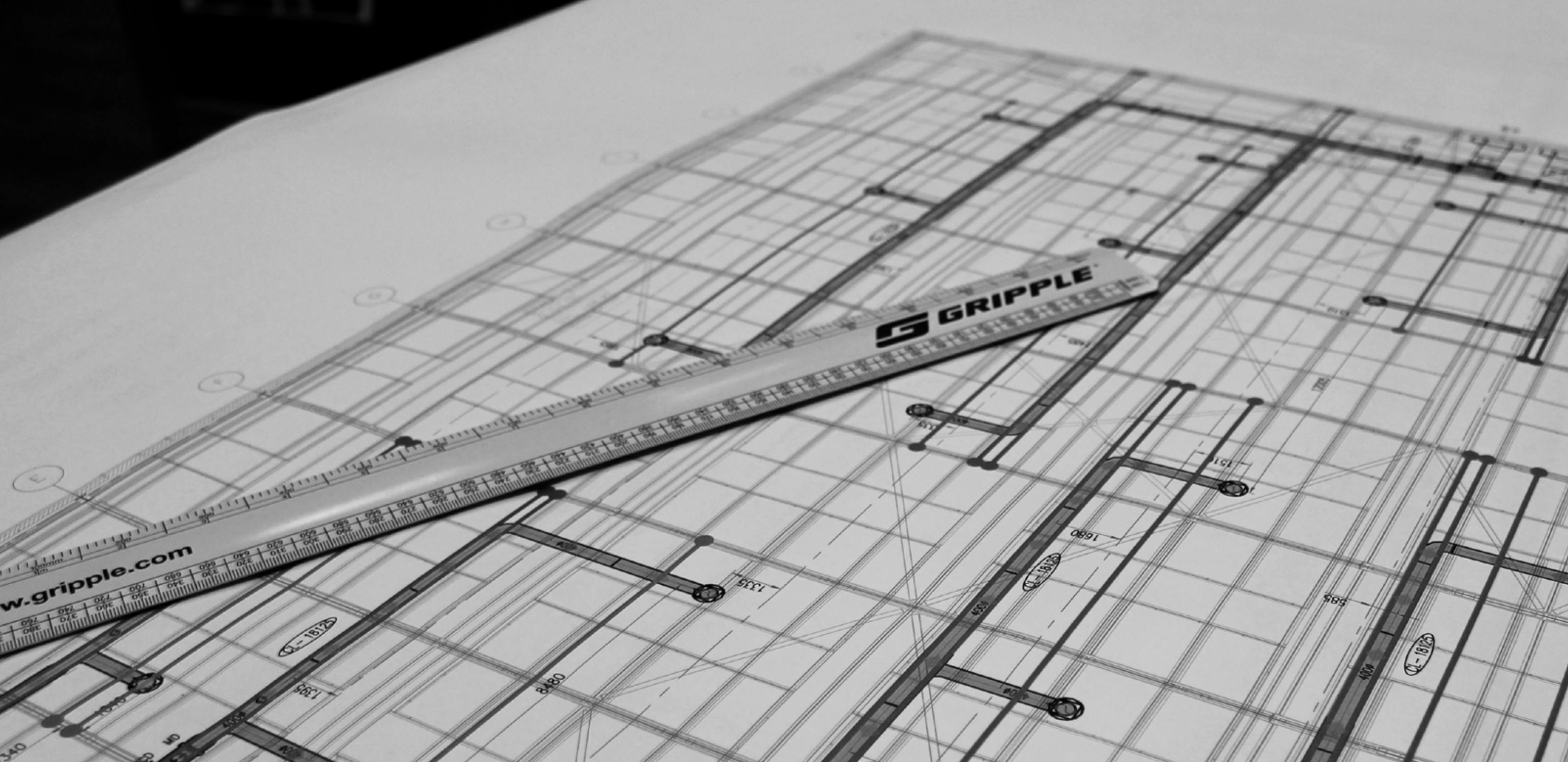
- A flexible accessory for spreading the load of various suspended services
- Snap to length as required, live hinges allow for flexibility
- For use with 2 mm and 3 mm wire
- Spreads load of services over wider band



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 96
Hanging At Angles	page 100
Wire Rope Construction & Cross Sections	page 100
Nominal Ductwork Weights	page 101
Pipe Support Spacing	page 102
Key Recommendations	page 103

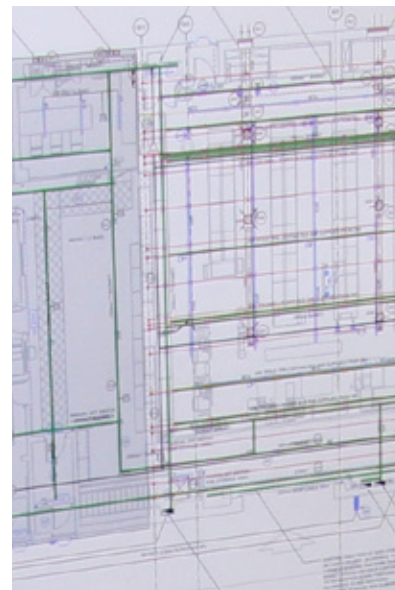
Technical Services



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.

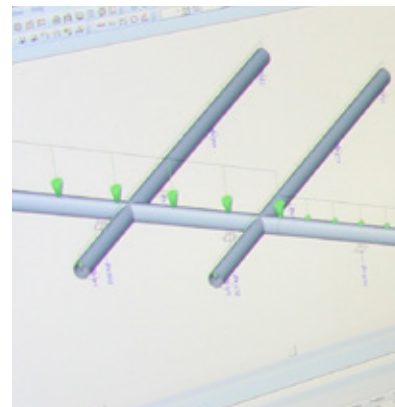
Installation Design

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

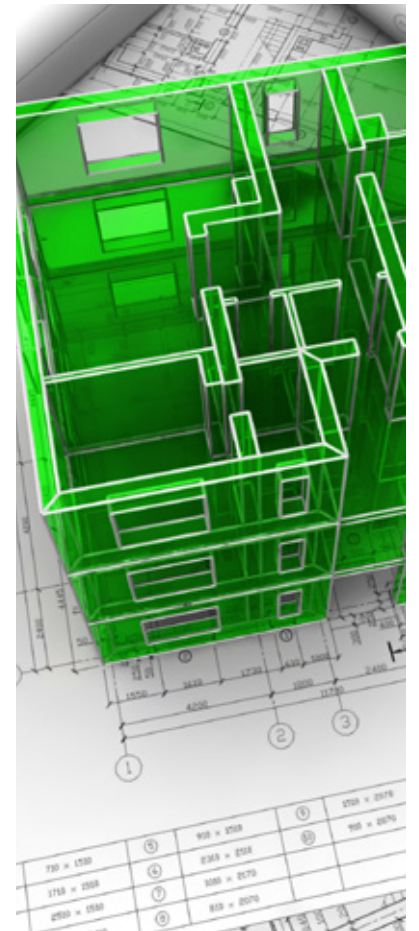
Building Information Modelling (BIM) is now a mandatory requirement for centrally funded government projects in the UK, and this highly collaborative way of working is fast becoming the preferred method for carrying out progressive private sector projects.

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

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

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

Contact Gripple Technical Services for the latest BIM models.



Embodied CO₂ Assessment and BREEAM or LEED Accreditation

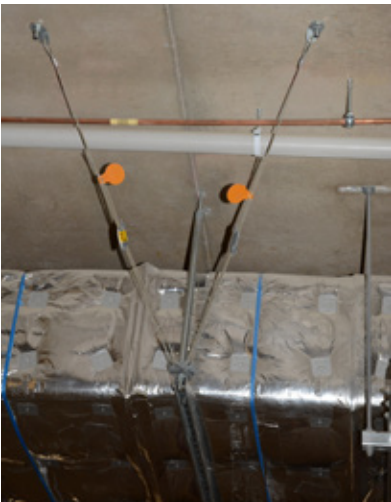
Gripple Ltd. recognises that today's buildings need to be designed to the highest environmental standards. In order to facilitate this, Gripple Technical Services is able to provide calculations, based on drawing submissions or site surveys, to determine the ECO₂ savings when switching to lightweight wire rope suspension systems. This supporting evidence can then be submitted to BREEAM assessors in order to obtain BREEAM credits, or to LEED assessors for LEED points.



Seismic Bracing & Blast Protection Systems

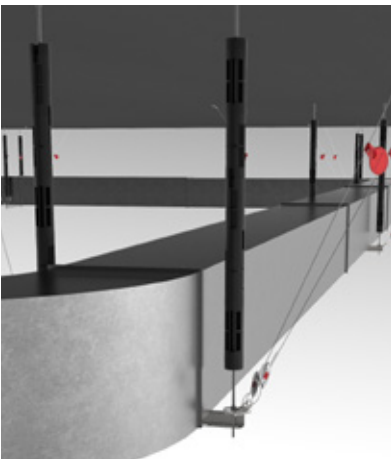
Gripple Ltd. is a leading provider of seismic bracing and blast protection systems.

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.



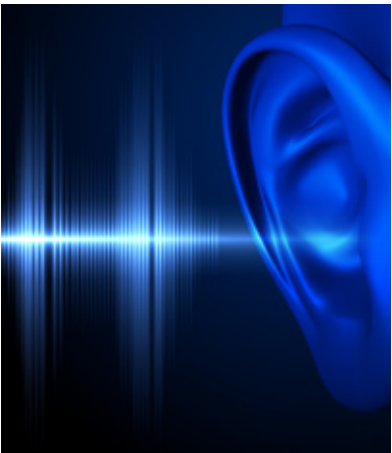
Gripple Technical Services can offer:

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



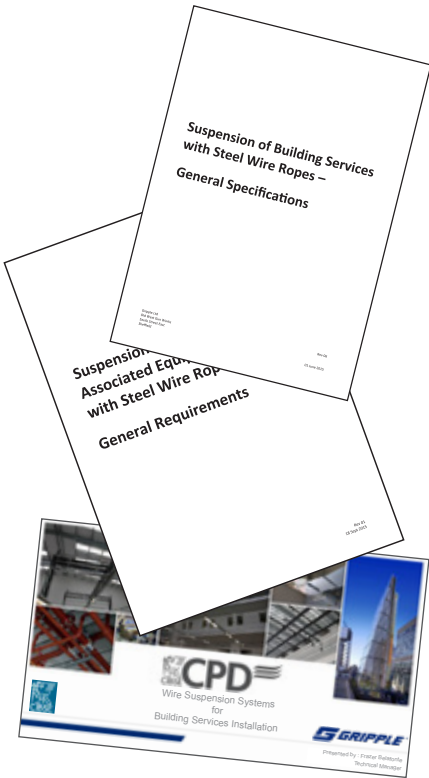
Acoustic & Vibration Performance

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.

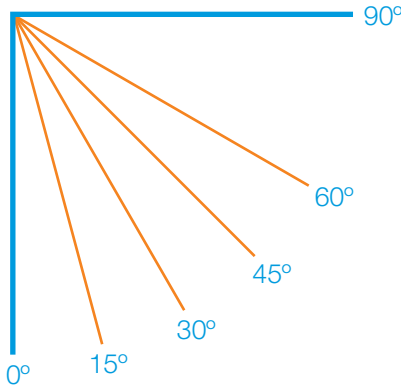


Hanging At Angles

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

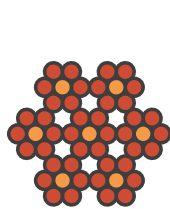
For Gripple hanger hung at an angle in excess of 60° from vertical, contact Gripple Technical Services.



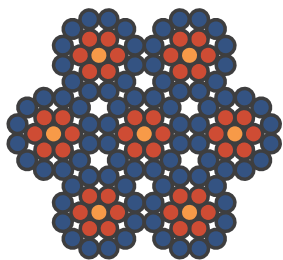
Wire Rope Construction & Cross Sections

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

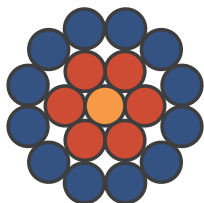
Wire rope size	Diameter (mm)	Construction
No. 1	1.5	7 x 7 or 1 x 19
No. 2	2	7 x 7 or 1 x 19
No. 3	3	7 x 7 or 1 x 19
No. 4	4.75	7 x 19
No. 5	6	7 x 19



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.

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



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.



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the most up to date user advice and
product information.



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