



Product Guide

Wire suspension and bracing systems for building services



- Easy to install
- Versatile approved systems
- Time, cost and labour savings

What is a Gripple hanger?

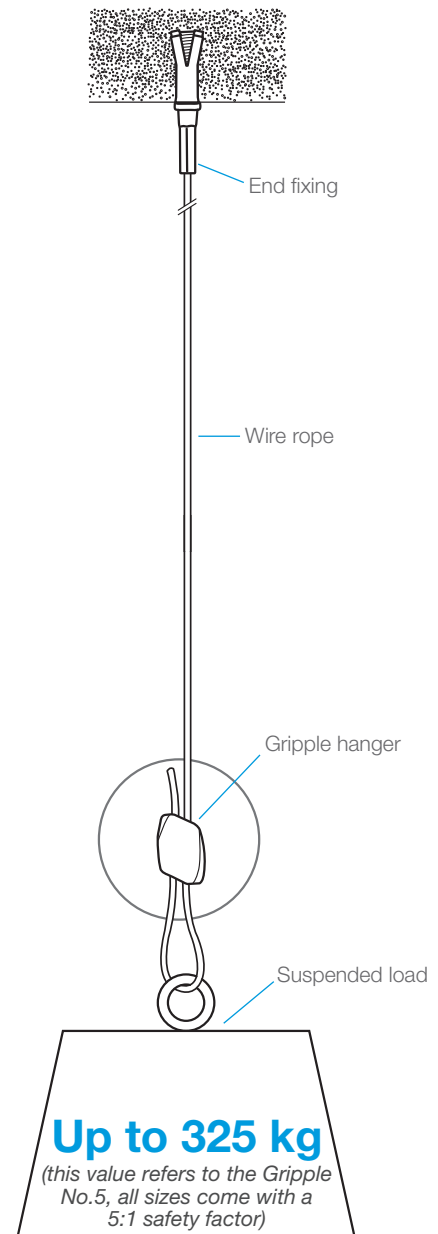
The Gripple hanger is supplied as part of a complete suspension kit, comprising of the hanger and a high-tensile wire rope with a choice of fixing attached to it. The Gripple hanger incorporates a patented self-locking fastener mechanism that not only secures the wire rope, but also allows adjustment of the installation height.

The Gripple hanger is specifically designed to enable quick and easy installation of a variety of MEP (mechanical, electrical and plumbing) services, HVAC, signage, acoustic baffles and much more, and is a proven replacement to traditional threaded rod and chain solutions.

Gripping hangers are manufactured in a range of five standard sizes, all with an individual safe working load (from 10 kg up to 325 kg) and a safety factor of 5:1.

How does it work?

When the wire rope is inserted into the Gripple hanger channel and pulled through the other side, it is held in place by a spring-loaded high precision serrated wedge, allowing the wire to go one way, but not the other. The wire rope is then looped through the identical channel on the opposite side, providing a means of suspension. The Gripple hanger allows full adjustment to position the object being suspended.



Why Gripple?

Saves time and reduces costs

Up to six times faster to install than threaded rod and chain suspension systems meaning projects can be completed in less time

Environmentally friendly

Fewer components means a reduction in embodied CO₂ of up to 97%

Strong and versatile

Available in 5 load rated sizes from 10 kg to 325 kg, with designated safe working loads

Supplied in ready-to-use kits

No hot works required on-site, and lightweight so easier to handle, improving site safety

A third party approved system

Certification worldwide SMACNA, UL, DW144, TUV, Lloyds Register, and ISO9001, offering safety, quality and durability assurances

Technical support available

Support from design to installation including CAD designs and take-offs, CPD seminars, product and installation training

Technical information

Load ratings

Gripple hangers are available in 5 load rated sizes. Each size is designed to carry a specific weight range and has a designated safe working load (SWL). The SWL gives a minimum 5:1 safety factor in a vertical plane and applies to all lengths and end fixings, unless stated otherwise.

Table 1

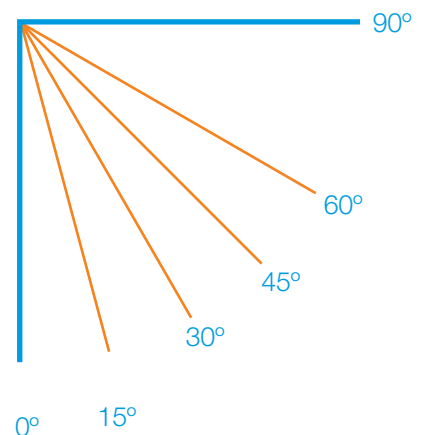
Wire rope size	Weight Range	Safe Working Load
No.1	0 - 10 kg	10 kg
No.2	11 - 45 kg	45 kg
No.3	46 - 90 kg	90 kg
No.4	91 - 225 kg	225 kg
No.5	226 - 325 kg	325 kg

Hanging at angles

The load rating for a Gripple hanger is based on the suspension being hung vertically. If the wire rope is suspended at an angle, an additional sideways load is applied which reduces the load capacity of the overall suspension. The net effect is shown in the table below.

Table 2

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



No Gripple hanger should be hung at an angle in excess of 60° from vertical

Quality and approvals

Quality is everything to Gripple; not just in the products we make and the manufacturing process we employ, but the way we do business. Our compliance to BS EN ISO9001 at our Sheffield manufacturing plant is the backbone of our own quality management system achieved under the auspices of the reputable LRQA.



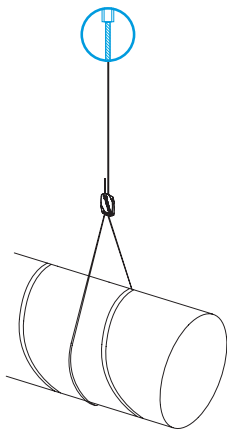
Gripple's policy is one of continuous development and innovation. We therefore reserve the right to alter specifications, etc. without notice.

Applications - HVAC: Ventilation

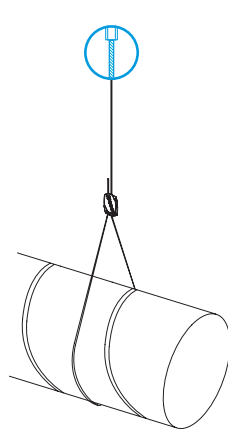
Rectangular ducting, spiral ducting, oval ducting and PI foam ducting



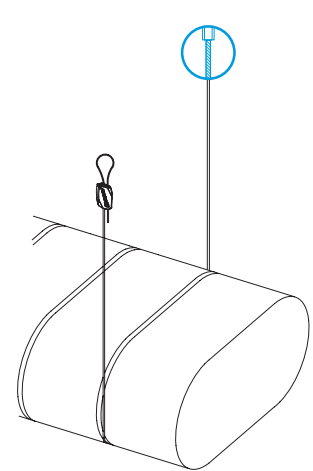
Spiral ducting



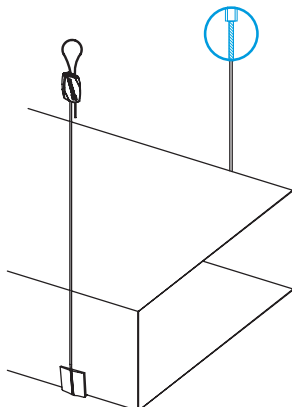
Metal/steel ducting



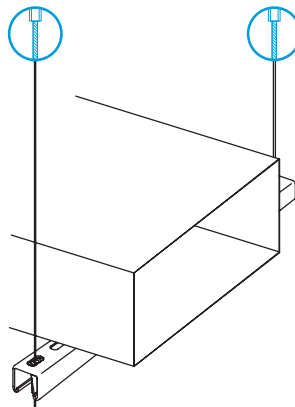
Oval ducting



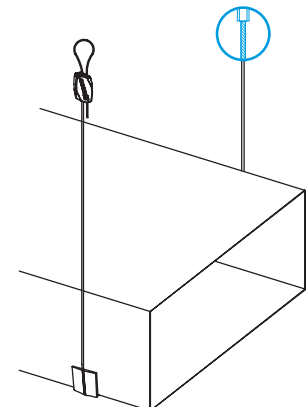
Rectangular ducting



Rectangular ducting



PI foam ducting

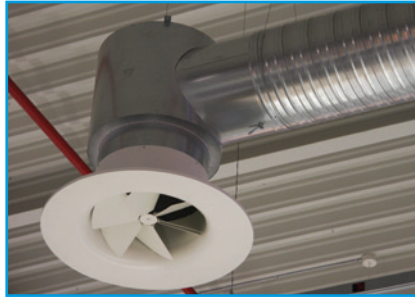


HVAC: Air Conditioning

Fabric ducting, swirl diffuser, plenum boxes, air conditioning units, refrigerant pipes and condensate pipes



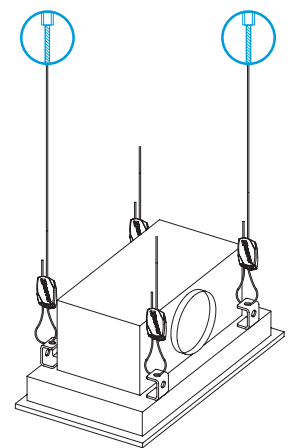
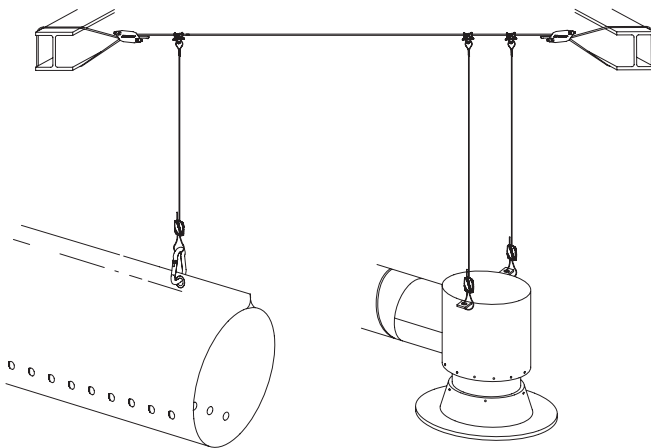
Fabric ducting



Swirl diffuser



Plenum boxes



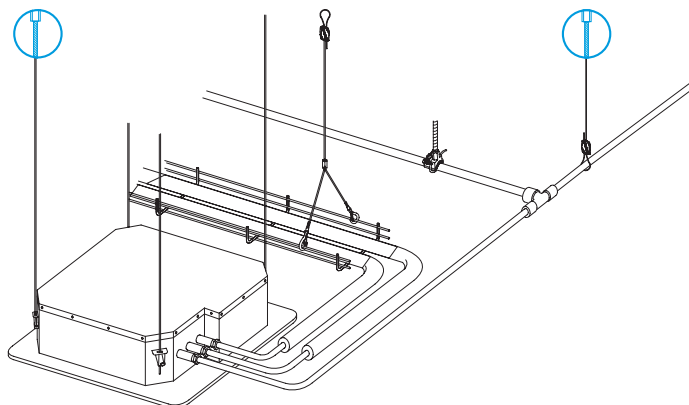
Air conditioning units



Refrigerant pipes



Condensate pipes



Mechanical

Copper pipes, steel pipes, intermediary supports, bracing and pipe rack



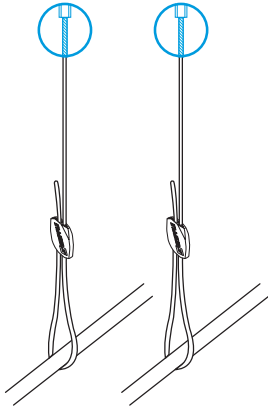
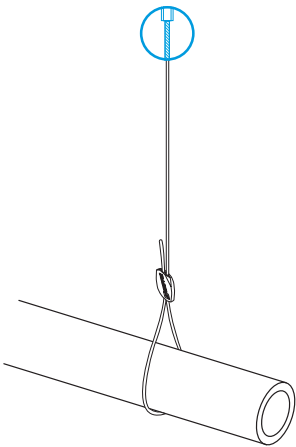
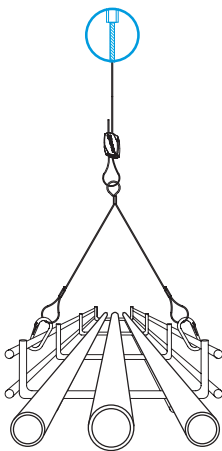
Copper pipes



Steel pipes



Plastic pipes



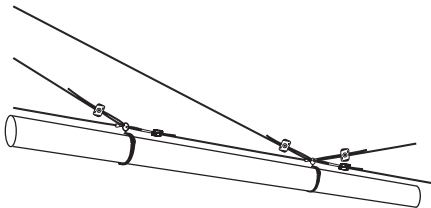
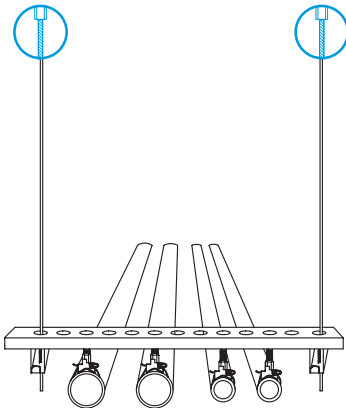
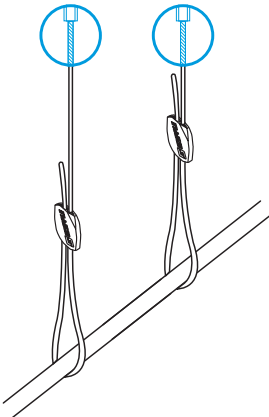
Intermediary supports for steel pipes



Steel pipes



Bracing for steel pipes

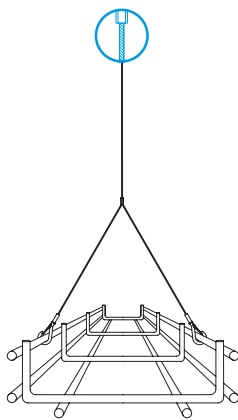


Electrical: Cable Containment

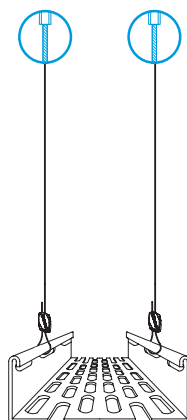
All types of cable containment on ladder, basket or tray



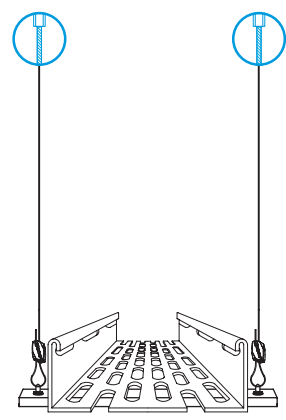
Cable basket



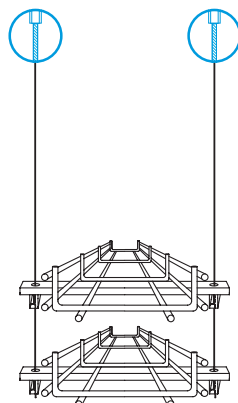
Cable tray



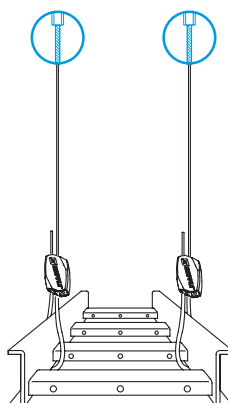
Perforated cable tray on channel



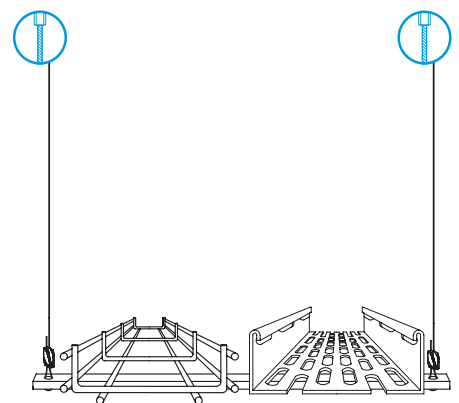
Multi-tiered cable basket



Ladder



Multiple cable trays on single channel



Electrical: Lighting

All types of hanging solutions for lighting



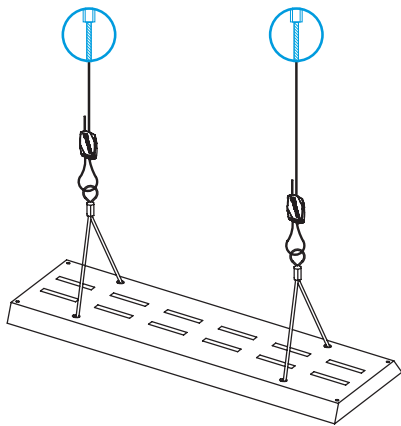
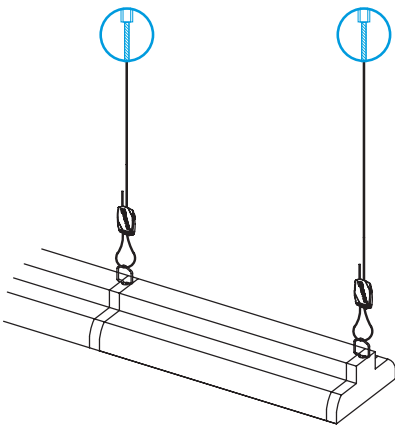
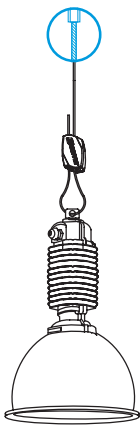
Industrial high bay



Strip lighting



Panel lighting



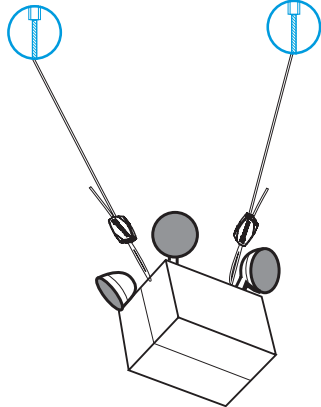
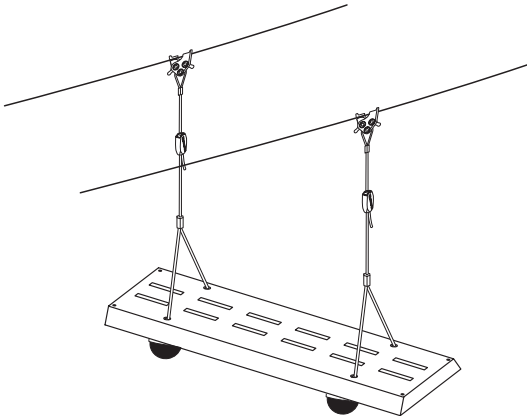
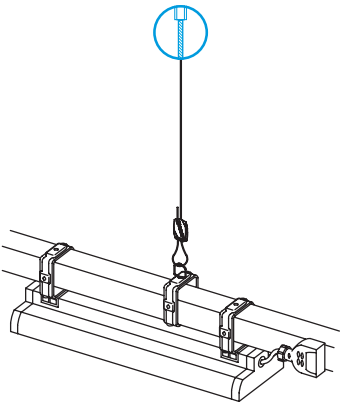
Busbar



Lighting and Camera on Catenary



Emergency Lighting



Signage & Decorations



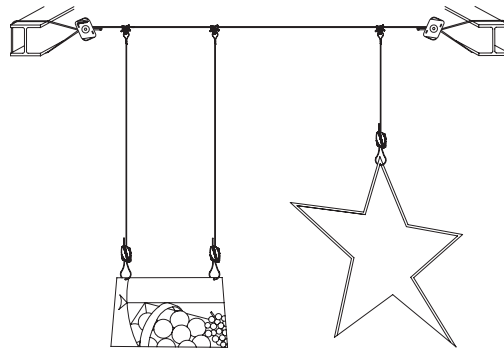
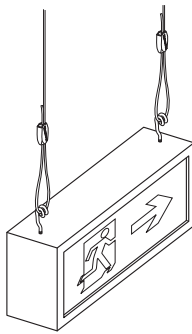
In store signs



Information signs



In store decorations



Suspended Ceilings

Suspended ceilings, acoustic baffles and decorative panels



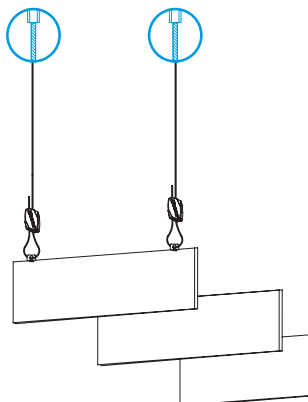
Acoustic baffles



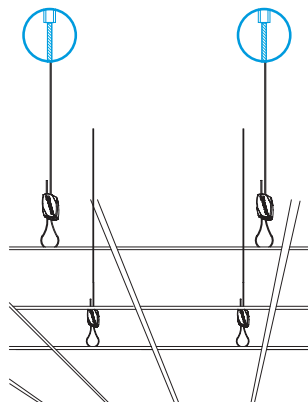
Suspended raft ceilings



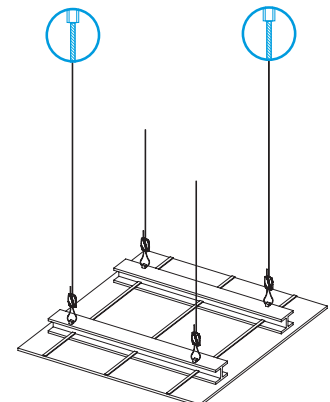
Contoured raft ceilings



End Fixings
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Accessories
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Catenaries

Horizontal wire rope solution where no direct vertical anchor point is available



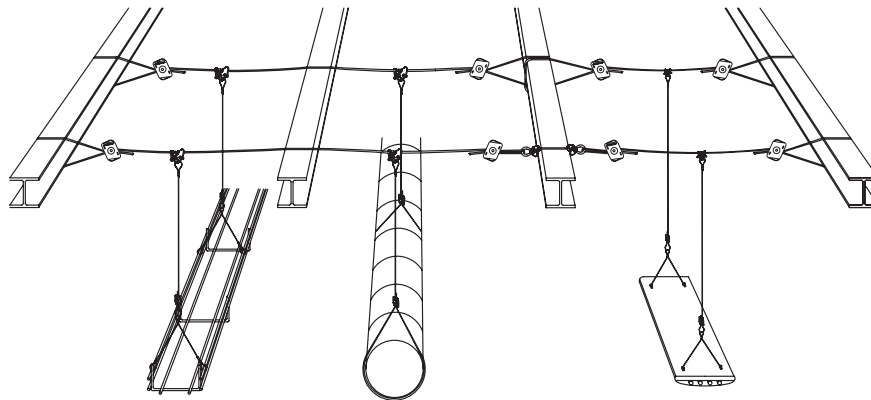
Busbar and Lighting



Spiral ducting



Cable tray



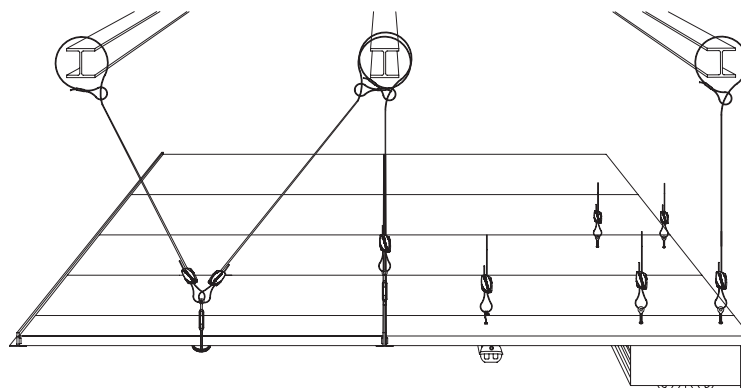
Sandwich panel



Under panel lighting

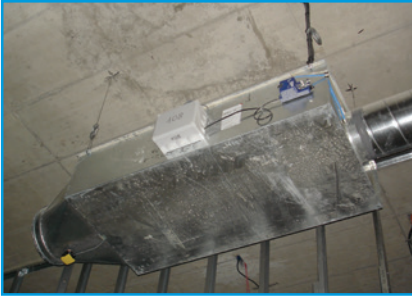


Under panel evaporator



Other Applications

Versatile hanging kits for fan coil units, chilled beams, radiant panels and much more



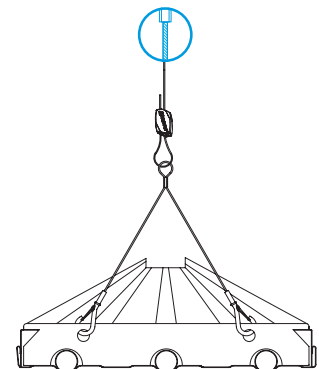
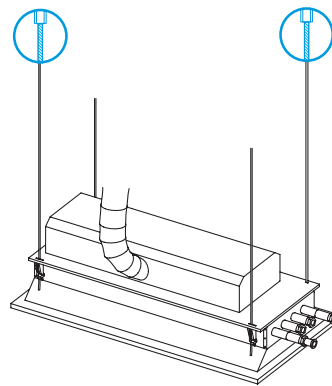
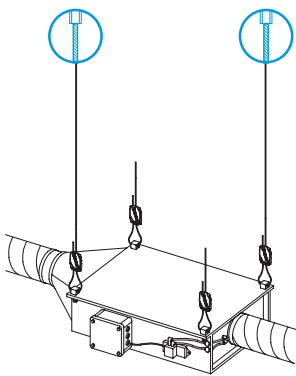
Fan coil units



Chilled beams



Radiant panels



Seismic Bracing

For non-structural building components



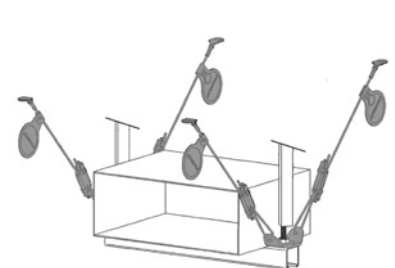
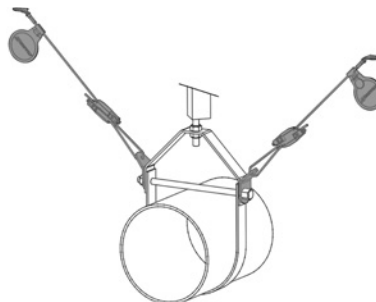
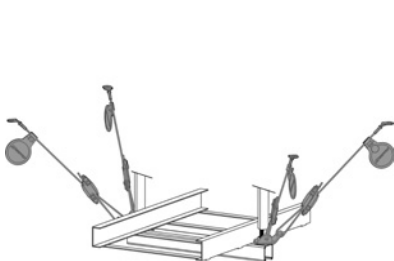
4 way bracing



Transverse bracing



Longitudinal bracing



End Fixings
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Standard Hanger

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

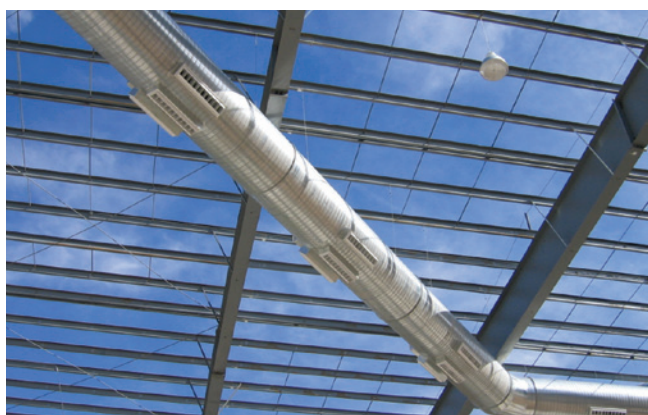
Quick – fewer components compared to traditional methods, up to six times faster to install than traditional suspension systems

Safe – no tools or “Hot Works” permit required for installation, improving health and safety on-site





Strong – industry approved, conforms to DW144

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

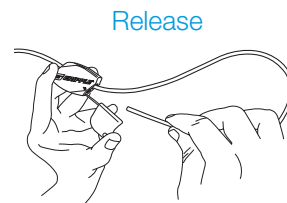
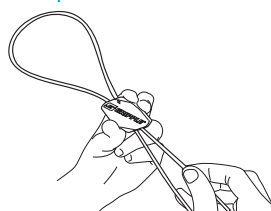
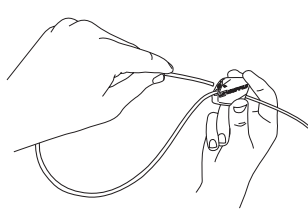
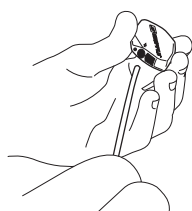


Available Sizes and Load Ratings

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

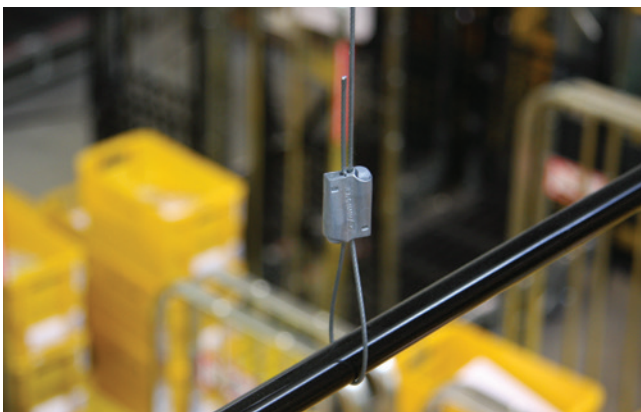
Versatile – Express No. 1 is ideal for signage, shop fitting, lighting and other lightweight fixtures. Express No. 2 is ideal for mechanical and electrical applications

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

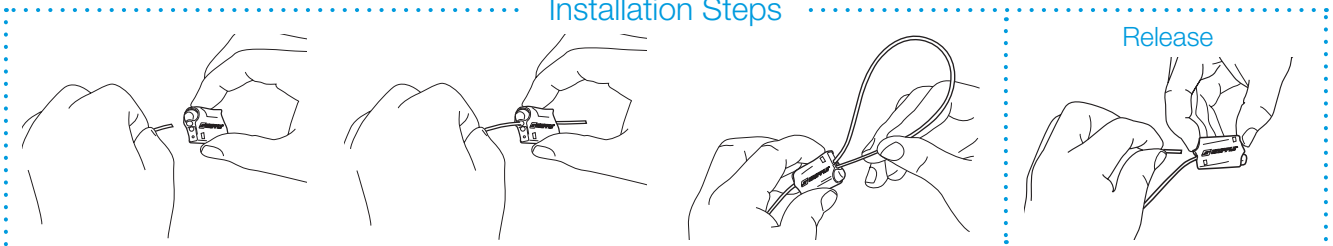


Available Sizes and Load Ratings

	No. 1 15 kg 5:1 SWL		No. 2 45 kg 5:1 SWL
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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.

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

The Angel has a wide range of versatile ‘feet’ options to suit your application. Please ask for details.



Available Sizes and Load Ratings

	No. 1 15 kg 5:1 SWL
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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.

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



Accessory version available



Available Sizes and Load Ratings

	No. 2 45 kg 5:1 SWL
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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.




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

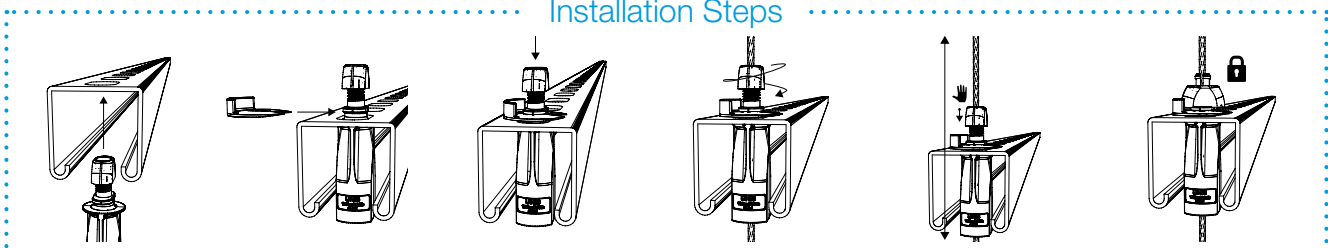


Available Sizes and Load Ratings

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

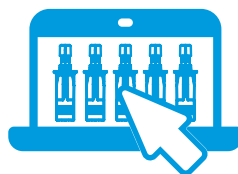


Contact Gripple for full product information, submittal data and technical support.

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.

	<p>Standard</p> <ul style="list-style-type: none"> • Designed for non mechanical fixing through brackets • Supplied with retention clip for pre-fabrication applications • Central wire exit 		<p>QT</p> <ul style="list-style-type: none"> • Designed for use with Gripple Universal Brackets • Quarter turn installation, no mechanical fix required • Safety clip for added security • Central wire exit 		<p>Calibra</p> <ul style="list-style-type: none"> • Designed for adjustment of building services under load • 35 mm of finite adjustment using integral adjustment pillar and M8 thread • Side wire exit
	<p>Hook</p> <ul style="list-style-type: none"> • Self closing latch for security • Designed for heating/cooling panels and light fittings • Side wire exit 		<p>Y-Fit</p> <ul style="list-style-type: none"> • Designed for lighting or containment • Dual fixing points for balance • 150 mm, 300 mm and 500 mm leg lengths as standard • Legs available with a variety of wire end fixings eg. Toggle, Snap Hook etc. • Side wire exit 		<p>Side Exit</p> <ul style="list-style-type: none"> • Designed for applications in which wire cannot exit centrally (avoiding clashes with services) • Supplied with a hex nut • Side wire exit
	<p>Phenolic Adaptor</p> <ul style="list-style-type: none"> • Ideal for phenolic & PIR fabricated ductwork • Fast, tool free insertion with less time at height • Push-fit directly into the underside of the duct • 15 kg SWL per bracket at 5:1 safety factor 		<p>Central Exit with square washer & channel nut</p> <ul style="list-style-type: none"> • Designed for services suspended with channel • Supplied with a channel nut • Male thread for mechanical fixing • M8 (UniGrip No.2) • M10 (UniGrip No.3) • M12 (UniGrip No.4) • Central wire exit 		<p>Central Exit with hex nut</p> <ul style="list-style-type: none"> • Designed for services suspended with channel • Supplied with a hex nut • Male thread for mechanical fixing • M8 (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 – supplied with stainless steel wire. BRE tested to F120 to the temperatures associated with BS476 Part 20 / DIN4102 Part 2. Independent test data available with load limits and exposure times

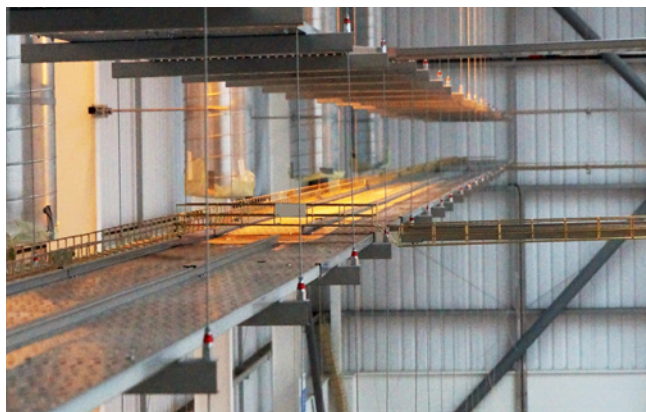
Simple – fast and easy installation using the washer or channel nut supplied to pre-install into Gripple Universal Bracket or channel reducing time spent working at height

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
3:1 SWL



No. 3

90 kg
3:1 SWL



No. 4

225 kg
3:1 SWL

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.

End Fixings

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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 DW144 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

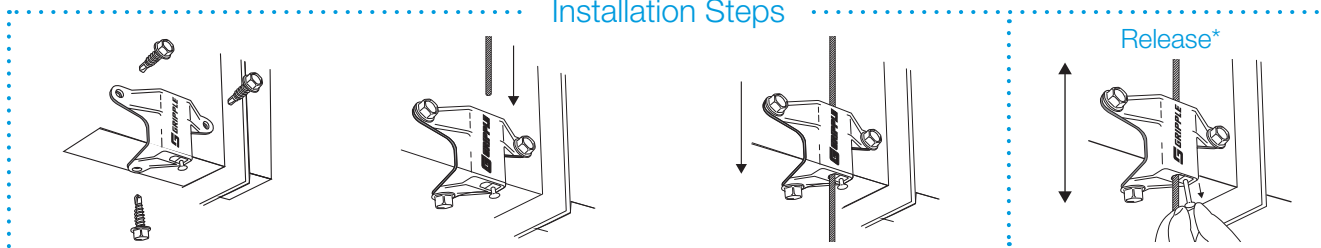


Available Sizes and Load Ratings

	<p>No. 2</p> <p>45 kg</p> <p>5:1 SWL</p>
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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

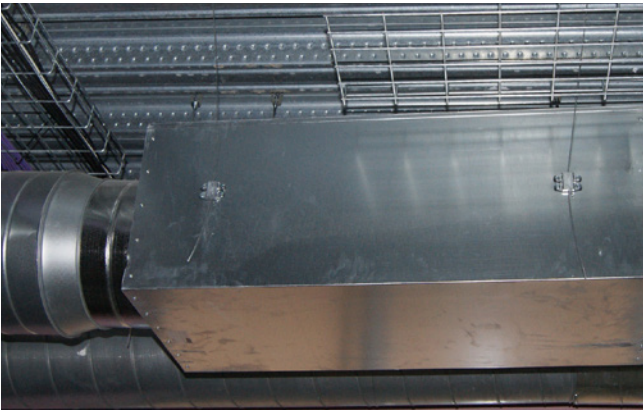


*When releasing: 1. Remove load, 2. Pull tail wire, 3. Activate pin. Do not adjust under load.


Butterfly Trapeze

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

- Simple** – can be installed directly to the ductwork at ground level, eliminating the need for channel
- 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 DW144 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

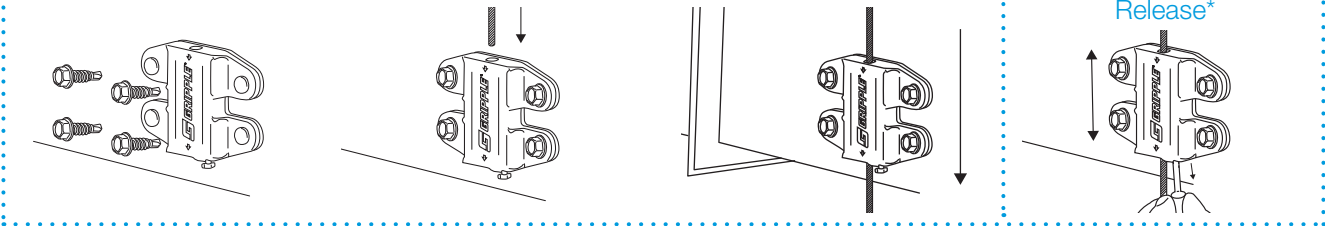


..... Available Sizes and Load Ratings

	No. 2 45 kg 5:1 SWL
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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



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

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 OD1 (15 mm copper) to OD114 (4" steel)

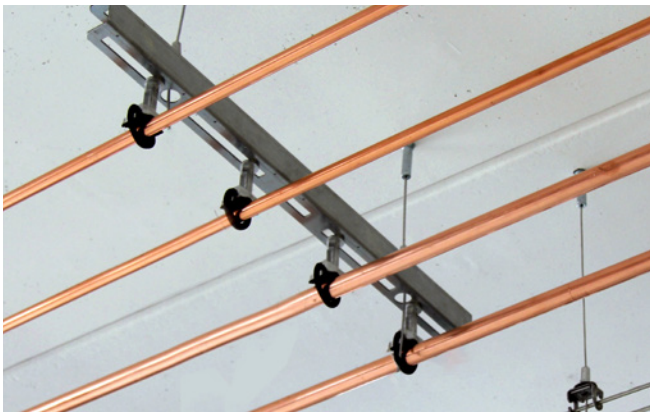
Robust – retractable sleeve, pre-fitted to wire rope to prevent galvanic corrosion

Versatile – a variety of rubber pads provide insulation against vibration (noise reduction > 23 db)

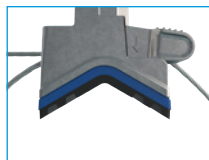
Strong – 75 kg SWL with a 3:1 safety factor (equivalent to OD 89 (3" steel) filled with water)

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

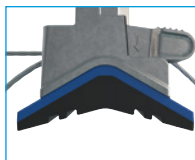


Pad Variants



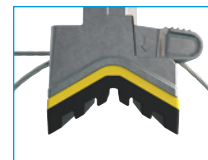
Standard

Rubber pad for insulation purposes 16 dBa reduction.



Large

Improved fit for large dia. pipe. Most suitable for 3" and above 16 dBa reduction.

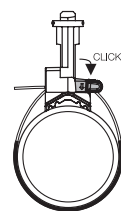
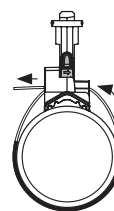
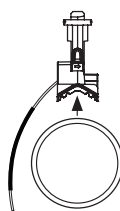
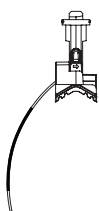


Acoustic

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.

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

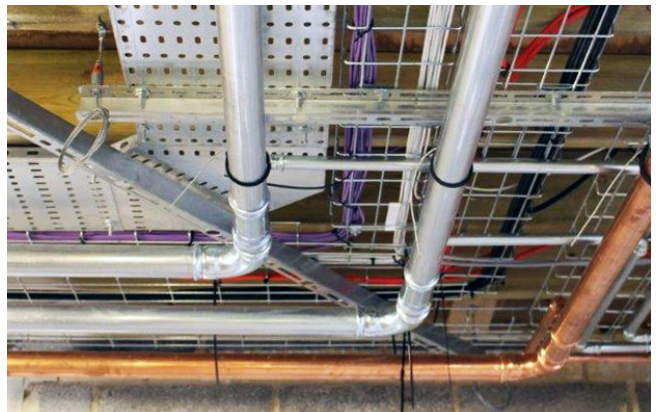
Versatile – can be bolted directly to soffit or wall, or suspended from the soffit using a Gripple Hanger e.g. UniGrip QT

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 and fire tested by BRE

Flexible – perfect for multi-service installs e.g. electrical containment or duct work on the top side and pipework on the bottom side



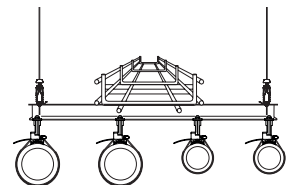
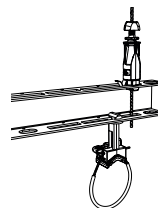
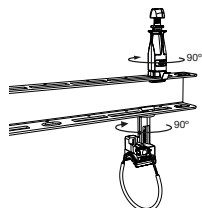
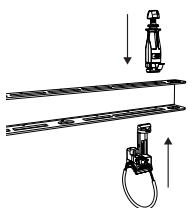
Size Variants



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

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

Installation Steps



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

End Fixings
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Accessories
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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 OD15 (15 mm copper) to OD114 (4" steel)

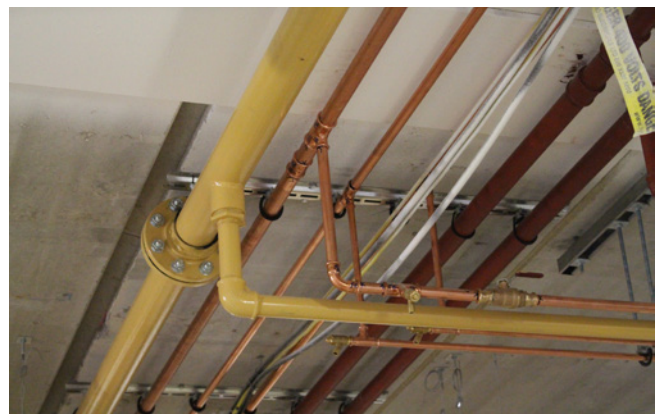
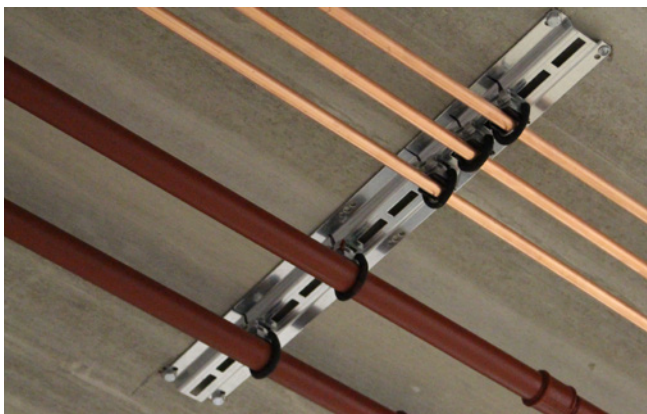
Robust – retractable sleeve, pre-fitted to wire rope to prevent galvanic corrosion

Versatile – a variety of rubber pads provide insulation against vibration (noise reduction > 23 db)

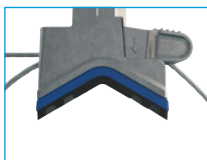
Strong – 75 kg SWL with a 3:1 safety factor (equivalent to OD 89 (3" steel) filled with water)

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

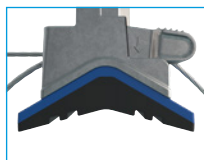


Pad Variants



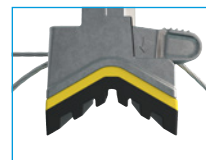
Standard

Rubber pad for insulation purposes 16 dBa reduction.



Large

Improved fit for large dia. pipe. Most suitable for 3" and above 16 dBa reduction.

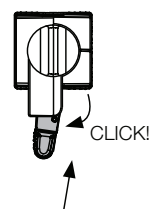
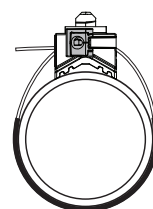
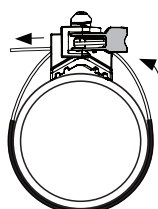
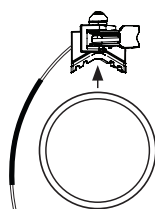
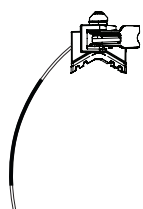


Acoustic

Designed to reduce noise related to water pressure 23 dBa reduction.

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

Installation Steps



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

End Fixings

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Low Profile Bracket

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

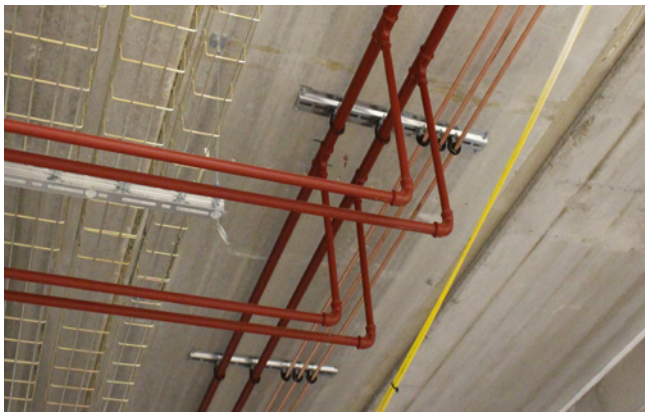
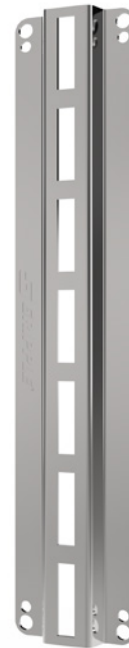
Quick – pre-cut lengths eliminating the need for cutting channel on-site, allowing more productive use of labour

Versatile – can be bolted directly to soffit or wall with less than 15 mm depth

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



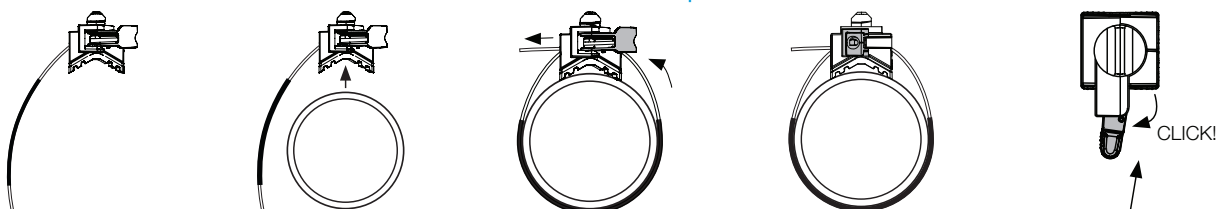
Size Variants



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

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

Installation Steps



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

End Fixings
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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 OD15 (15 mm copper) to OD114 (4" 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)

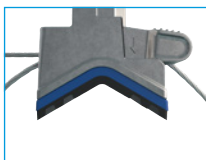
Strong – 75 kg SWL with a 3:1 safety factor (equivalent to OD 89 (3" steel) filled with water)

Compatible – available with Kooltherm / Armaflex pipe collars for insulated pipe

Environmentally friendly - reduced components compared to traditional methods reducing waste and easy to store on-site

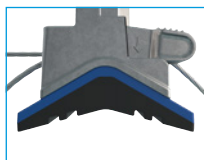


Pad Variants



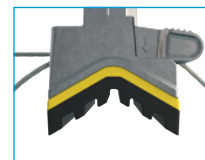
Standard

Rubber pad for insulation purposes 16 dBa reduction.



Large

Improved fit for large dia. pipe. Most suitable for 3" and above 16 dBa reduction.

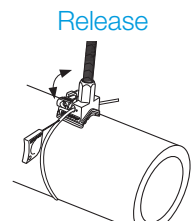
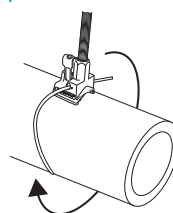
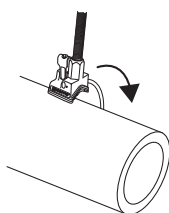
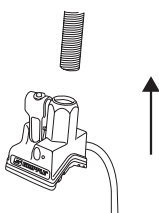


Acoustic

Designed to reduce noise related to water pressure 23 dBa reduction

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

Installation Steps



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

End Fixings
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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

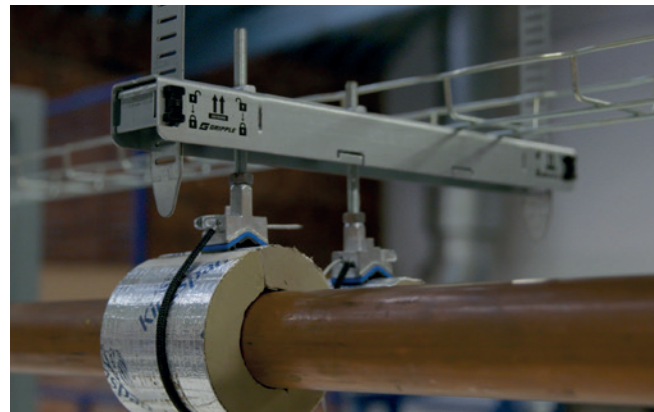
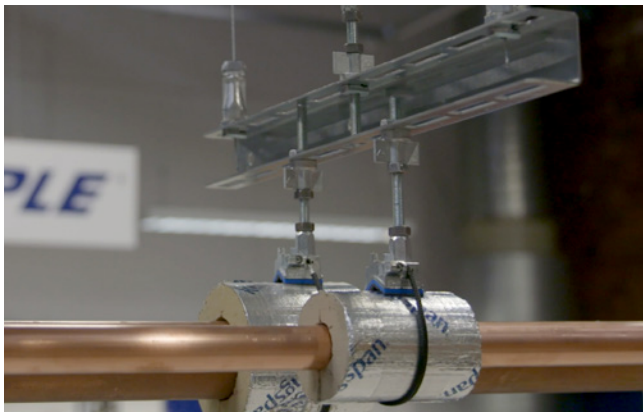
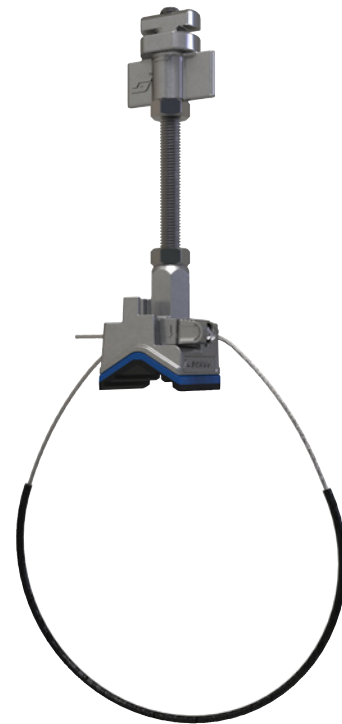
Quick installation – simple quarter turn attachment to bracket; no requirement to cut threaded rod to multiple different lengths

Versatile – enables pipes of different sizes to be installed along the centre axis and condensate pipes to be installed at a gradient for drainage

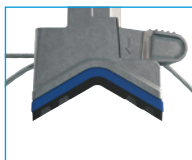
Universal – replaces more than 13 different pipe ring sizes

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

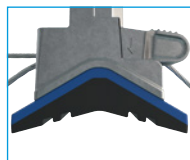


Pad Variants



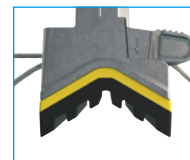
Standard

Rubber pad for insulation purposes
14 dBa reduction.



Large

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

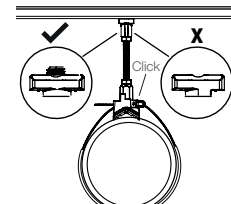
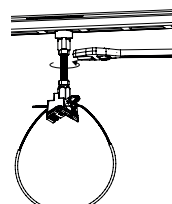
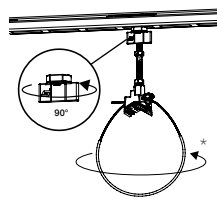
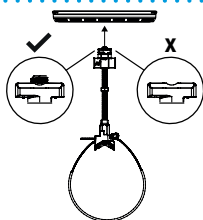


Acoustic

Designed to reduce noise related to water pressure
23 dBa reduction.

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.

End Fixings

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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

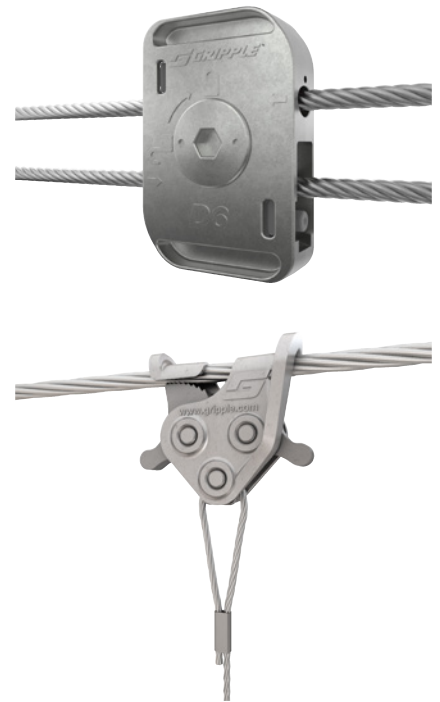
Safe – no “Hot Works” permit required for installation, improving health and safety on-site

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

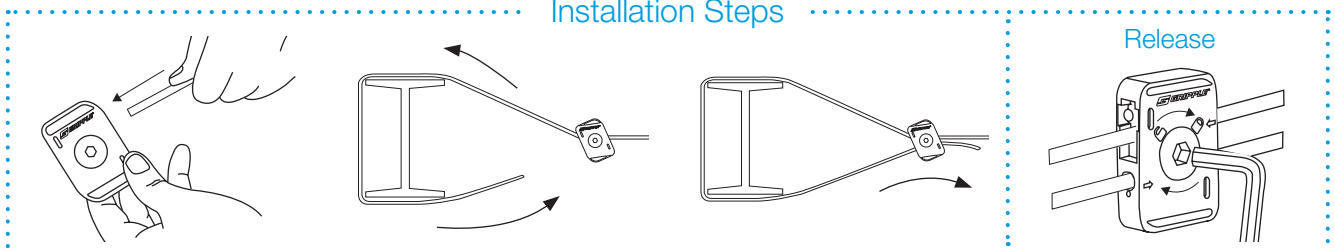


Available Sizes and Load Ratings

	<p>No. 3 30 kg 5:1 SWL (Free span)</p>		<p>No. 6 100 kg 5:1 SWL (Free span)</p>
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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.

End Fixings
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Seismic Bracing Kits

Specifically designed and engineered to brace and secure suspended non-structural equipment (VAV boxes, fans, unit heaters, small in-line pumps etc) and components (HVAC duct, conduit/cable tray and piping) within a building or structure to minimise damage from seismic activity or blast events.

- Complete pre-engineered systems
- No field swaging of wires
- Up to 10 times faster to install
- No tools required
- Colour coding allows easy field verification
- Suitable for new or retrofit installations
- Can be used in a variety of bracing configurations
- OSHPD OPA 2123-10 approval (GS10, GS12 and GS19 systems)
- SMACNA verified
- UL NEBS GR 63 Core Certification



Available in GS10, GS12,
GS19 & GS25



Seismic Rod Stiffener

An innovative alternative used to prevent threaded rod from buckling vertically during seismic activity or blast events.

- Faster installation time
- Lightweight solution
- No tools required
- Enhances health and safety
- Versatile design
- Resilient materials



Fast Trak™ - Standard

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

Quick – up to six times faster to install than traditional suspension systems

Safe – pre-fabricated system which removes the need to cut threaded rod or channel on-site

Tool free – bracket can be moved up and down the tracks to accommodate changes in position during installation

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

Zero waste – tracks bend neatly under bracket

Aesthetic – tracks can be concealed using Fast Trak Bracket Cover for a discreet finish

Space saver – can be multi-tiered to accommodate additional services

Easy measurement – indicators at each end of the bracket can be used as a measurement guide when marking fixing points in the soffit

Neat & tidy – system can be stacked to reduce storage on-site

Fire rated – for more information please contact Gripple Technical Services



Available Bracket Sizes



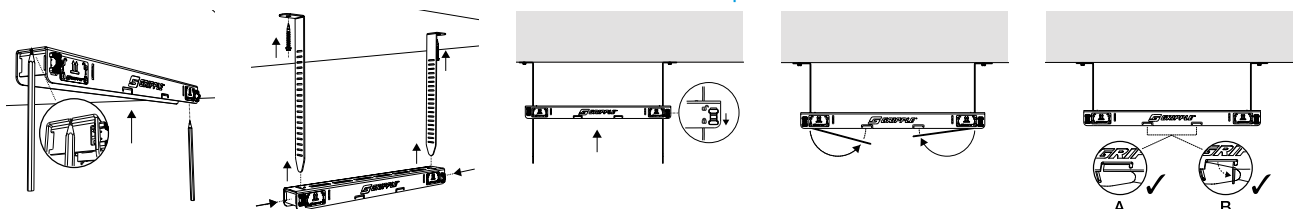
FTB250 - 180 kg 3:1 SWL	FTB600 - 180 kg 3:1 SWL	FTB1050 - 180 kg 3:1 SWL
FTB350 - 180 kg 3:1 SWL	FTB750 - 180 kg 3:1 SWL	FTB1200 - 180 kg 3:1 SWL
FTB450 - 180 kg 3:1 SWL	FTB900 - 180 kg 3:1 SWL	FTB1500 - 180 kg 3:1 SWL

Available Track Sizes



FTT 285 – 90 kg 5:1 SWL	FTT 785 – 90 kg 5:1 SWL
FTT 535 – 90 kg 5:1 SWL	FTT 1035 – 90 kg 5:1 SWL

Installation Steps



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

End Fixings
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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

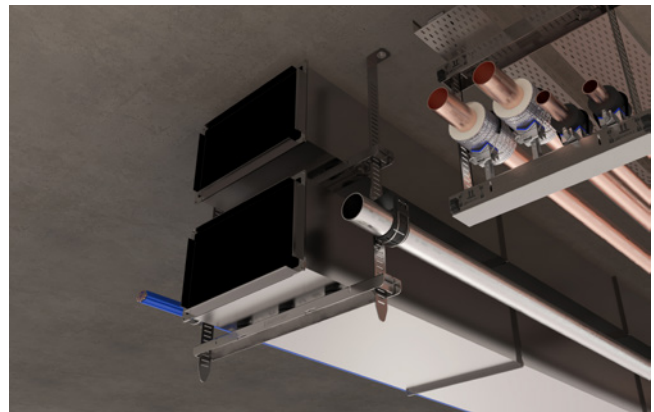
Tool free – brackets can be moved up and down the tracks to accommodate changes in position during installation

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



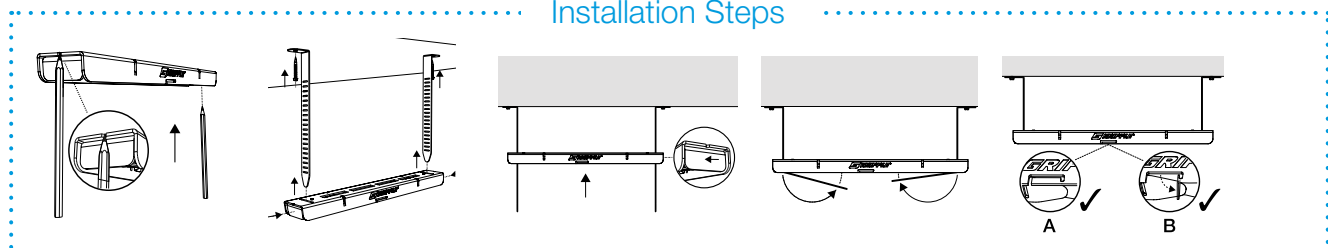
..... Available Bracket Sizes

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

..... Available Track Sizes

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

..... Installation Steps



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

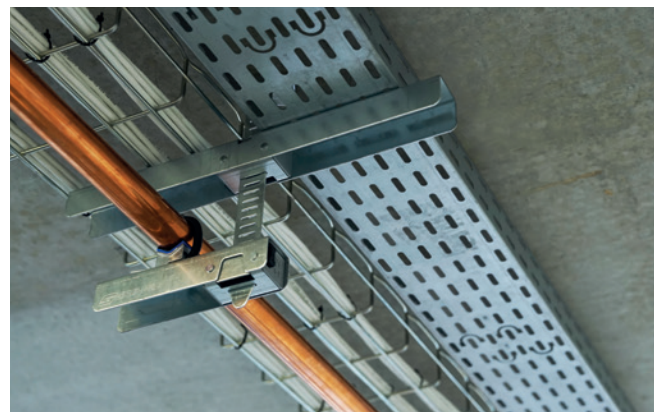
Secure – safety locks ensure security once brackets and tracks are in place

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



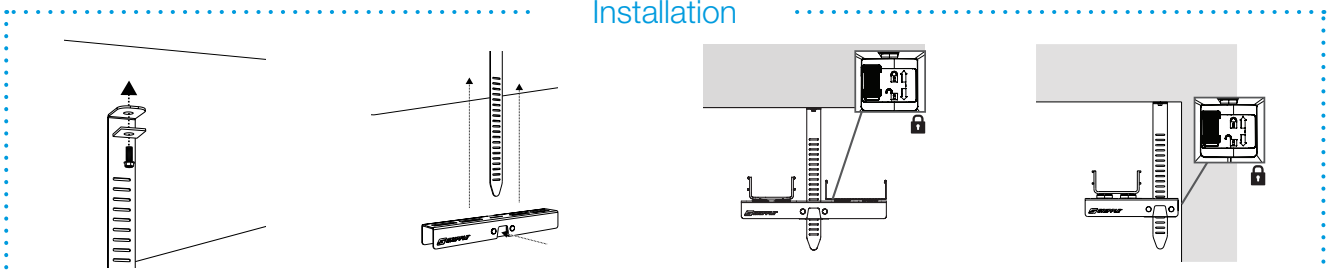
Available Bracket Sizes

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

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 Accessories

Conduit Clamp

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

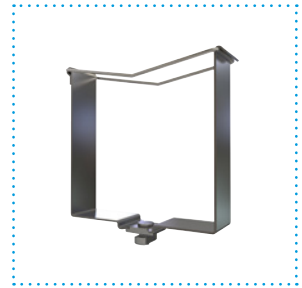
- No specialist tools required for installation
- Available in sizes from 12.5 mm up to 100 mm
- Supports rigid and EMT conduit
- Pre-assembled with nut and bolt



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.

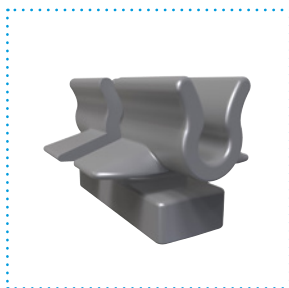
- Gate 'lock off' can be re-opened to add additional cables
- High performance, wide base wire form design
- Fast connection onto the Fast Trak track
- 50 mm diameter; can also be used for VRF/condensate pipes



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



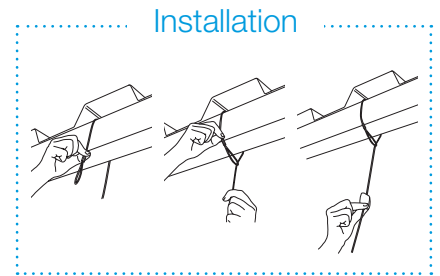
End Fixings

All Gripple hanger kits are supplied with a pre-crimped End Fixing and your choice of wire rope length, suitable for installation into any substrate.



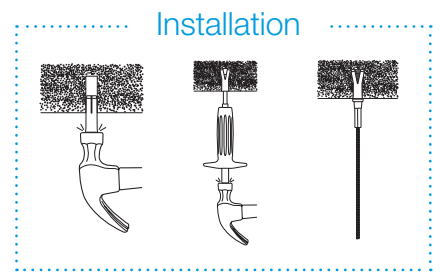
Loop

- Ideal for looping around purlins, beams, roof trusses and other suitable building features
- Available up to 325 kg SWL, with a 5:1 safety factor
- Available in Stainless Steel



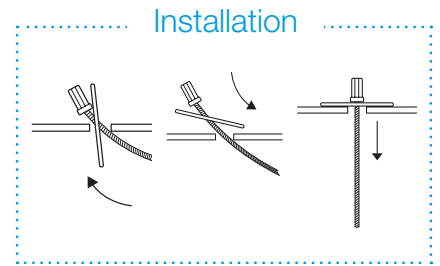
Stud

- Ideal for anchoring into concrete ceilings and Channel Nuts
- Supplied with a Drop-in Anchor
- Available up to 225 kg SWL, with a 5:1 safety factor
- Available in Stainless Steel



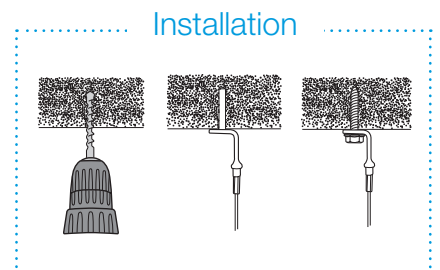
Toggle

- Ideal for profile roof decking, light fittings and other pre-drilled structures
- Combines a plate and end stop to provide a simple fixing method
- Available up to 90 kg SWL, with a 5:1 safety factor



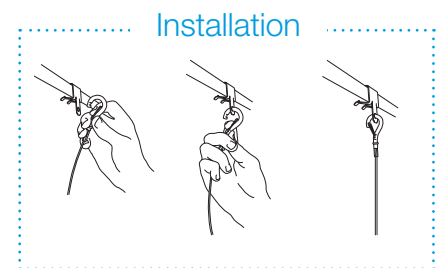
90° Eyelet

- Ideal for fixing into concrete, steel or wood using gas or powder activated tools or appropriate screws
- Available in Gripple sizes No.1, No.2 and No.3 at 5:1 SWL



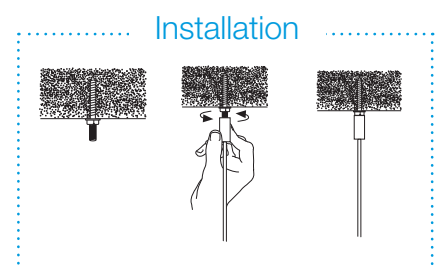
Snap Hook

- Quick and easy attachment to cable basket, purlin clips, light fittings
- Available in Gripple sizes No.2 and No.3 up to 90 kg SWL, with a 5:1 safety factor



Barrel

- Aesthetic fixing for use with any M6 or M8 threaded product
- Available up to 90 kg SWL, with a 5:1 safety factor

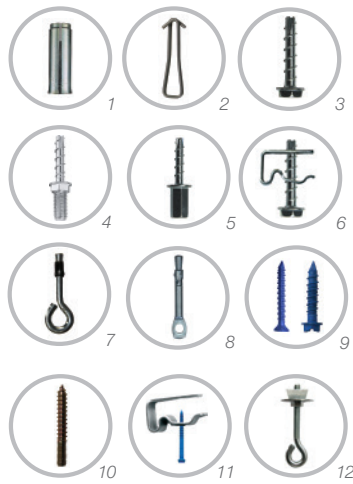


Accessories

A wide variety of accessories are available, which are specifically designed to suit different substrates on-site.

Anchoring Solutions

- 1 Drop-in Anchor
- 2 Concrete Wire Anchor
- 3 Concrete Screw
- 4 Barrel Concrete Screw
- 5 Stud Cracked Concrete Screw
- 6 Ceiling Clip Concrete Screw
- 7 Cracked Concrete Ring Anchor
- 8 Concrete Ceiling Anchor
- 9 Concrete Wood Screws
- 10 Barrel Wood Screw
- 11 Ceiling Clip Wood Screw
- 12 M8 Decking Adaptor



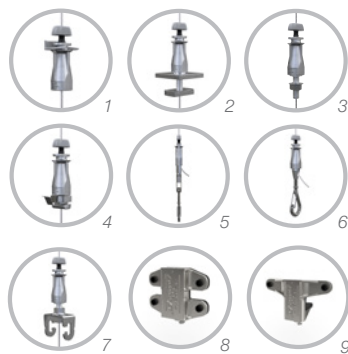
Beam & Purlins

- 1 Tiger Clip
- 2 Vertical Flange Clip
- 3 Purlin Clip
- 4 Z Purlin Clip
- 5 Beam Clip
- 6 GF Bracket
- 7 M6 & M8 Adaptor
- 8 Catenary Steel Anchor



UniGrip & Hanger Accessories

- 1 Standard
- 2 M8/M10/M12" Stud Channel Nut
- 3 M8/M10/M12" Stud Flange Nut
- 4 Quarter Turn (QT)
- 5 Calibra
- 6 Hook
- 7 Cable Basket Adaptor
- 8 Butterfly Trapeze
- 9 Duct Trapeze



Adaptors

- 1 Pigtail
- 2 Turnbuckle
- 3 Spring Clip
- 4 LSK Clip
- 5 V-Bracket
- 6 Acoustic Spring Anchor
- 7 T-Bar Twist Clip
- 8 Uni-Wedge
- 9 Wedge Nuts
- 10 Eyebolt
- 11 Link Hook
- 12 Karabiner



Brackets & Attachments

- 1 Universal Bracket
- 2 Low Profile Bracket
- 3 Universal Bracket Beam Clamp
- 4 G-Bracket
- 5 G-Spacer
- 6 Catenary Wall Bracket
- 7 Wall Bracket



Tools & Finishing Accessories

- 1 Tensioning Tool
- 2 Adjustment Keys
- 3 Drop-In Anchor Punch
- 4 Protective Sleeving
- 5 Driver Bit
- 6 Wire Anchor Installation Tool
- 7 Fixing Tool for Ceiling Clip Wood
- 8 Wire Cutters
- 9 Ceiling Fixing Kit
- 10 Twister
- 11 Corner Saddle
- 12 Spreader Band
- 13 CB Clip
- 14 CT Clip



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 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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