



# Product Guide

A complete guide to building services products



# Contents



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.

## About

About Gripple 04

## Applications

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

## Products

Standard Hanger 30  
 Express 31  
 Angel 32  
 UniGrip 34  
 Stainless Steel Hanger 36  
 Duct & Butterfly Trapeze 37  
 InvisiGrip 38  
 Y-Fit 39  
 Y-Fit Accessory 39  
 Catenary Kit & C-Clip (Indoor) 40  
 Fire Rated Hanger 41  
 Trapeze Plus FR 42  
 Fire Rated Clip 43  
 Fast Trak - Standard 44  
 Fast Trak - Low Profile 45  
 Fast Trak - Side Loading 46  
 Fast Trak - Segregated 47  
 Fire Fastener 48  
 Fire Rated Product Matrix 50  
 Universal Bracket 53  
 Low Profile Bracket 54  
 Universal Clamp 55  
 Height Adjustable Universal Clamp 56  
 QT Universal Clamp 57  
 QT Compact Clamp 58  
 GCS 59  
 Pipe Insulation Collars 60  
 Wire Bracing Systems 61

## End Fixings

Loop 64  
 Stud 64  
 Toggle 65  
 Channel Nut 65  
 Cable Tray Hook 66  
 Mini Hook 66  
 Barrel 67  
 Top Hat 67  
 Eyelet 68  
 90° Eyelet 68  
 45° Eyelet 69  
 End Stop 69  
 Cladding Hook 70  
 Ring Anchor 70  
 Ceiling Anchor 71  
 Link Hook 71  
 Karabiner 72  
 C-Clip 72  
 Shot Fire 73  
 Snap Hook 73  
 Decking Wedge 74  
 Alphawedge 74  
 Multiwedge 2 75  
 TR60 Wedge 75  
 MF Wedge 76  
 Twist Clip (White) 76  
 Magnetic Pad 77  
 QT Barrel 77

## Accessories

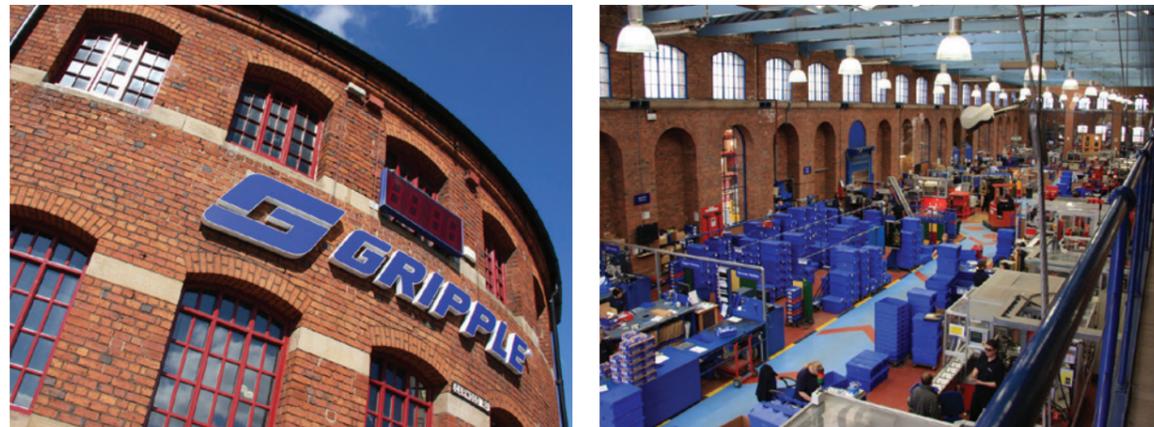
Anchoring Solutions 80  
 Brackets & Attachments 82  
 Adaptors 84  
 Beams & Purlins 86  
 UniGrip & Hanger Accessories 87  
 Gripple Accessories 88  
 Tools & Finishing Accessories 89

## Technical

Technical Services 92  
 Hanging At Angles 96  
 Wire Rope Construction & Cross Sections 98  
 Nominal Ductwork Weights 99  
 Pipe Support Spacing 100  
 Key Recommendations 101

# About Gripple

Of the 950 strong Gripple team working worldwide, over 40 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 near Moorgate station 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
- Toolbox talks – for specific installations or for the latest new products
- CPD presentations
- Regular on-site advice until the job is completed and technical support even after project completion
- 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 suspension kits, when compared to traditional methods. Not only is the installation faster, no pre-work, such as cutting or filing is required.

## Health & Safety

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

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

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

## Aesthetics

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

## CONTRACTOR SAVINGS IN 2022



**1,810**

TONNES SAVED  
IN MATERIAL



**434,351**

HOURS SAVED  
IN LABOUR



**4,109**

TONNES SAVED IN  
EMBODIED CARBON

Please contact us today ([technicalservices@gripple.com](mailto:technicalservices@gripple.com)) to find out how switching from traditional installation methods to Gripple products can benefit your next construction project.



## Applications

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

# Electrical

Trapeze Plus FR ▲

Page 42

Fast Trak - Standard ▲

Page 44

Fast Trak - Low Profile ▲

Page 45

Fast Trak - Side Loading ▲

Page 46

Fast Trak - Segregated ▲

Page 47

G-Bracket ▲

Page 82

Standard Hanger

Page 30

Express

Page 31

Catenary & C-Clip

Page 40

Universal Bracket ▲

Page 53

**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.

Y-Fit & Y-Fit Accessory

Page 39

# HVAC

**Standard Hanger & Express**

Page 30 & 31

**UniGrip - Calibra**

Page 34

**UniGrip - Central Exit**

Page 34

**UniGrip - Y-Fit**

Page 34

**UniGrip - Standard**

Page 34

**Duct Trapeze**

Page 37

**Butterfly Trapeze**

Page 37

**Y-Fit & Y-Fit Accessory**

Page 39

**Catenary Kit & C-Clip**

Page 40

**Universal Bracket**

Page 53

**Fast Trak - Standard**

Page 44

**Universal Clamp**

Page 55

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.

# Pipework

QT Universal Clamp

Page 57

Universal Bracket

Page 53

Fast Trak - Standard

Page 44

QT Compact Clamp

Page 58

Low Profile Bracket

Page 54

Universal Clamp

Page 55

Fast Trak - Low Profile

Page 45

Height Adjustable Universal Clamp

Page 56

UniGrip

Page 34

Fast Trak - Side Loading

Page 46

Pipe Insulation Collars

Page 60

Express

Page 31

Beam Clamp

Page 83

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.

# Lighting



Standard Hanger  
Page 30



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.

Catenary Kit  
Page 40



Angel  
Page 32



C-Clip  
Page 40



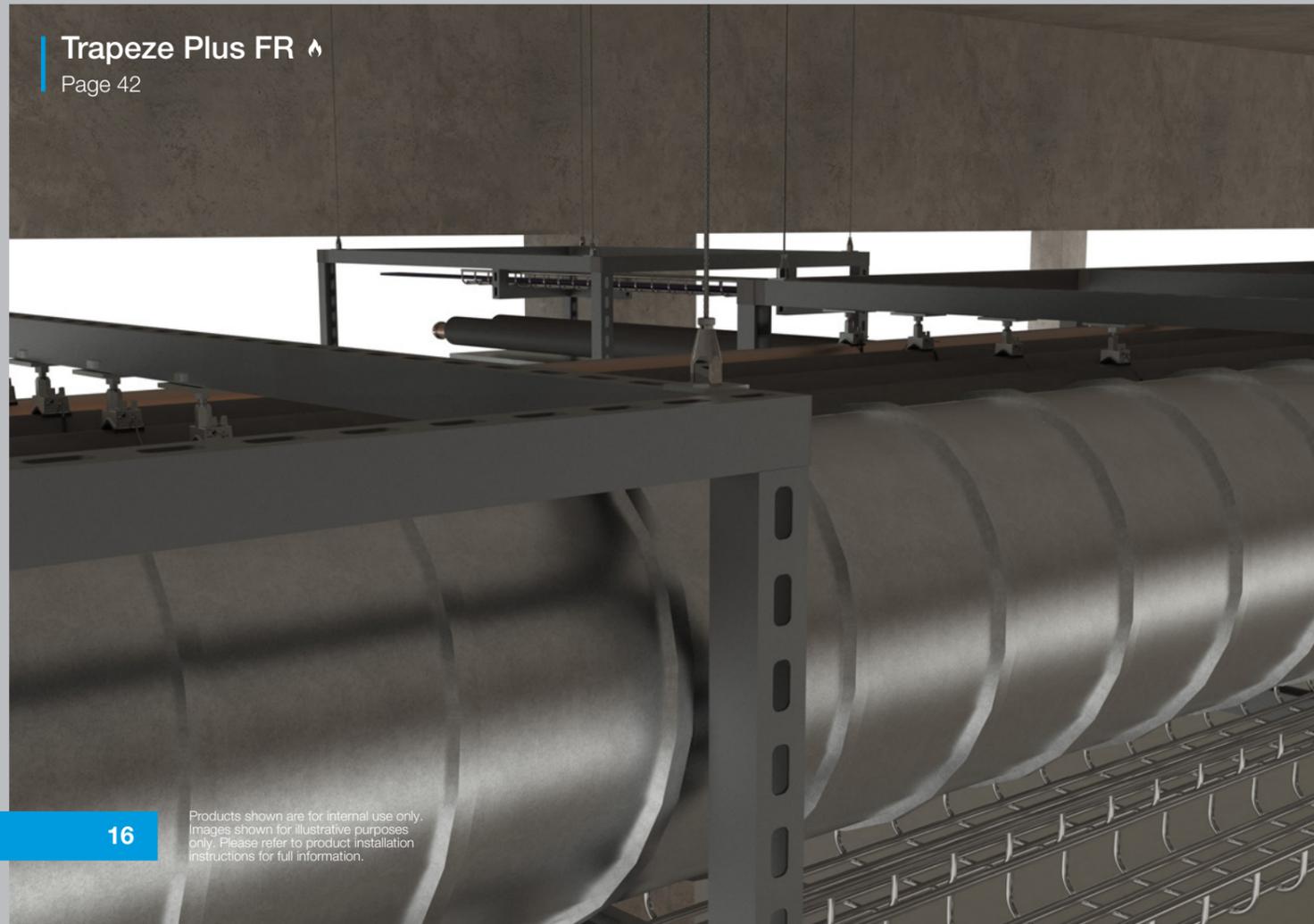
Products shown are for internal use only. Images shown for illustrative purposes only. Please refer to product installation instructions for full information.

# Modules



Standard Hanger

Page 30



Trapeze Plus FR

Page 42



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 module fail when being lifted. In addition to this, the hanger can be installed onto a module whilst at ground level. 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.

# Signage

## Standard Hanger

Page 30

## InvisiGrip

Page 38

## Angel

Page 32

## Angel Signage Rail

Page 33

## Express

Page 31

**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.

# Acoustics

**Express**  
Page 31

**InvisiGrip**  
Page 38

**Angel**  
Page 32

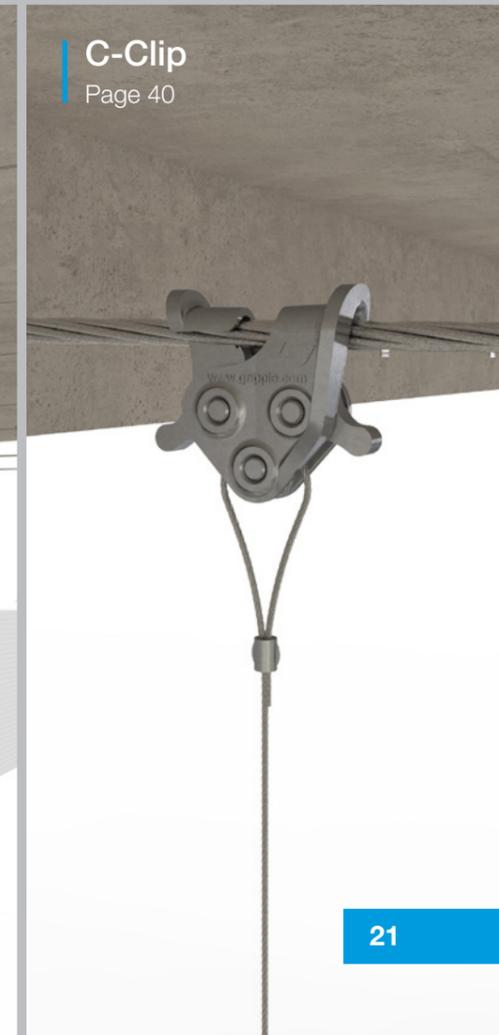
**The Gripple®** range of acoustic solutions are manufactured in the United Kingdom, and have been designed to save you time, money and labour by improving the efficiency of the installation process. Unlike traditional methods, Gripple kits require no on-site cutting, filing or use of uPVC frames, so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

**Acoustic Spring Anchor**  
Page 84

**Catenary Kit**  
Page 40

**C-Clip**  
Page 40



# Black Suspension Solutions

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

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

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

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

For further information please call +44 (0) 114 275 2255  
or email [sales@gripple.com](mailto:sales@gripple.com)

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

# Fast Trak

**Fast Trak - Standard** ▲  
Page 44

**Fast Trak - Low Profile** ▲  
Page 45

**Fast Trak - Side Loading** ▲  
Page 46

**Fast Trak - Segregated** ▲  
Page 47

**CB Clip**  
Page 49

**Trunking Clamp**  
Page 49

**Conduit Clamp**  
Page 49

**J-Hook** ▲  
Page 49

**Bracket Cover**  
Page 49

**Fire Fastener** ▲  
Page 48

**CT Clip**  
Page 49

**Gripple Fast Trak®** is a rapid 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.

**Vibration Dampener Pad**  
Page 49

# Fire Rated

**Trapeze Plus FR** 🔥  
Page 42

**Fire Rated Hanger** 🔥  
Page 41

**Fast Trak - Segregated** 🔥  
Page 47

**J-Hook** 🔥  
Page 49

**Fire Fastener** 🔥  
Page 48

**Fire Rated Clip** 🔥  
Page 43

**Fast Trak - Standard** 🔥  
Page 44

**Universal Bracket** 🔥  
Page 53

**Fast Trak - Low Profile** 🔥  
Page 45

**Fast Trak - Side Loading (Single)** 🔥  
Page 46

**Fast Trak - Side Loading (Twin)** 🔥  
Page 46

**Low Profile Bracket** 🔥  
Page 54

**G-Bracket** 🔥  
Page 82

**Y-Fit Accessory** 🔥  
Page 39

As market leaders in the suspension of electrical containment and other building services, **Gripple Ltd** have an independently tested range of fully compliant, fire-resistant suspension systems, tested to BS EN 1363-1:2020. For more information please refer to the Fire Rated Product Matrix on page 50.

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

## Products

Standard Hanger	page 30
Express	page 31
Angel	page 32
UniGrip	page 34
Stainless Steel Hanger	page 36
Duct & Butterfly Trapeze	page 37
InvisiGrip	page 38
Y-Fit	page 39
Y-Fit Accessory	page 39 
Catenary Kit & C-Clip (Indoor)	page 40
Fire Rated Hanger	page 41 
Trapeze Plus FR	page 42 
Fire Rated Clip	page 43 
Fast Trak - Standard	page 44 
Fast Trak - Low Profile	page 45 
Fast Trak - Side Loading	page 46 
Fast Trak - Segregated	page 47 
Fire Fastener	page 48 
Fire Rated Product Matrix	page 50 
Universal Bracket	page 53 
Low Profile Bracket	page 54 
Universal Clamp	page 55
Height Adjustable Universal Clamp	page 56
QT Universal Clamp	page 57
QT Compact Clamp	page 58
GCS	page 59
Pipe Insulation Collars	page 60
Wire Bracing Systems	page 61

# 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

**Anti-tamper** – requires tool to release

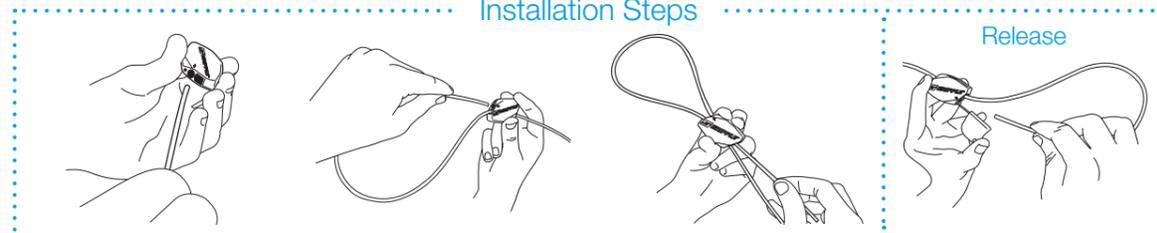


## Available Sizes and Load Ratings

	<b>No. 1</b> 10 kg SWL (5:1)		<b>No. 2</b> 45 kg SWL (5:1)		<b>No. 3</b> 90 kg SWL (5:1)		<b>No. 4</b> 225 kg SWL (5:1)		<b>No. 5</b> 325 kg SWL (5:1)
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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 Gripper for full product information, submittal data and technical support.

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# 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 non fire-rated electrical applications

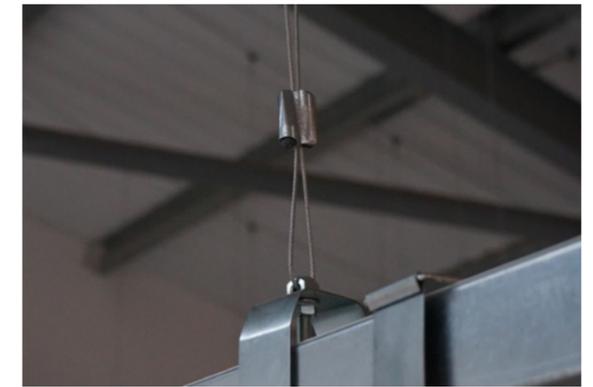
**Quick** – ergonomic buttons allow for rapid adjustment, no Setting Key required

**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

**Strong** – industry approved, conforms to DW/144



## Available Sizes and Load Ratings

	<b>No. 1</b> 15 kg SWL (5:1)		<b>No. 2</b> 45 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 Gripper for full product information, submittal data and technical support.  
\*Please note No. 1 Express kits are not available in black.

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# Angel

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

**Aesthetic** – the design complements modern building design

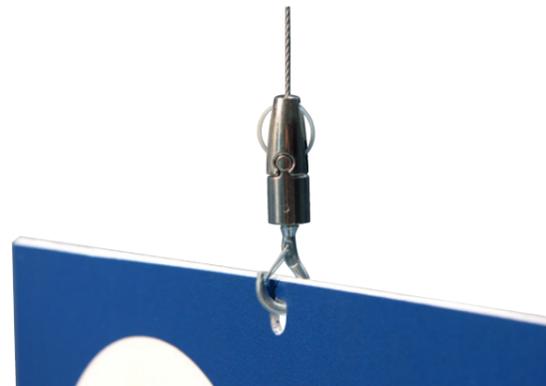
**Discreet** – supplied with 1.5 mm wire for a unobtrusive suspension

**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

	<p><b>No. 1</b> 15 kg SWL (5:1)</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.  
\*Please note a limited number of Angel variants are available in black. For more information please contact Technical Services.

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# Angel Feet

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



### Y-Fit Adjustable

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



### Swivel

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



### Hook

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



### Disc

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



### Side Exit Female

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



### Signage Rail

- Ideal for suspending signage or panels on either a rail or by screws
- Two screw holes for direct attachment
- Central wire exit (side exit version available on request)



### Side Exit Male

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



### Four Point

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



### Central Exit

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



### Knockout

- Ideal for strip lighting with standard 22 mm 7/8" knockout holes
- Slots into knockout centers and twists to lock into place
- No tools needed, or the need to remove the back of the fixture



### Signage

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



### Helix

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

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

**End Fixings**  
Page 63

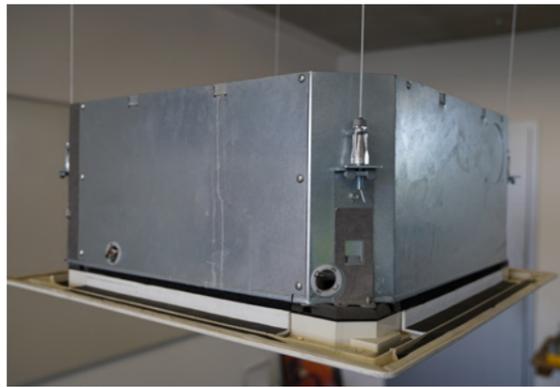
**Accessories**  
Page 79

**Technical**  
Page 91

# UniGrip

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

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



## Available Sizes and Load Ratings

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

	<b>Standard</b> <ul style="list-style-type: none"> <li>Designed for non mechanical fixing through standard channel</li> <li>Supplied with retention clip for pre-fabrication applications</li> <li>Central wire exit</li> </ul>		<b>QT</b> <ul style="list-style-type: none"> <li>Designed for use with Gripple Universal Brackets</li> <li>Quarter turn installation, no mechanical fix required</li> <li>Safety clip for added security</li> <li>Central wire exit</li> </ul>		<b>Calibra</b> <ul style="list-style-type: none"> <li>Designed for adjustment of building services under load</li> <li>35 mm of finite adjustment using integral adjustment pillar and M8 thread</li> <li>Side wire exit</li> </ul>
	<b>Hook</b> <ul style="list-style-type: none"> <li>Self closing latch for security</li> <li>Designed for heating/cooling panels and light fittings</li> <li>Side wire exit</li> </ul>		<b>Y-Fit</b> <ul style="list-style-type: none"> <li>Designed for lighting or containment</li> <li>Dual fixing points for balance</li> <li>150 mm, 300 mm and 500 mm leg lengths as standard</li> <li>Legs available with a variety of wire end fixings eg. Toggle, Snap Hook etc.</li> <li>Side wire exit</li> </ul>		<b>Side Exit</b> <ul style="list-style-type: none"> <li>Designed for applications in which wire cannot exit centrally (avoiding clashes with services)</li> <li>Supplied with a hex nut</li> <li>Side wire exit</li> <li>Both M6 &amp; M8 Variants Available</li> </ul>
	<b>Phenolic Adaptor</b> <ul style="list-style-type: none"> <li>Ideal for phenolic &amp; PIR fabricated ductwork</li> <li>Fast, tool free insertion with less time at height</li> <li>Push-fit directly into the underside of the duct</li> <li>15 kg SWL per bracket at 5:1 safety factor</li> </ul>		<b>Central Exit with square washer &amp; channel nut</b> <ul style="list-style-type: none"> <li>Designed for services suspended with channel</li> <li>Supplied with a channel nut</li> <li>Male thread for mechanical fixing</li> <li>M8 (UniGrip No.2)</li> <li>M10 (UniGrip No.3)</li> <li>M12 (UniGrip No.4)</li> <li>Central wire exit</li> </ul>		<b>Central Exit with hex nut</b> <ul style="list-style-type: none"> <li>Designed for services suspended with channel</li> <li>Supplied with a hex nut</li> <li>Male thread for mechanical fixing</li> <li>M8 (UniGrip No.2)</li> <li>M10 (UniGrip No.3)</li> <li>M12 (UniGrip No.4)</li> <li>Central wire exit</li> </ul>
	<b>QTUB</b> <ul style="list-style-type: none"> <li>Designed for use with Gripple Universal Bracket suspension slot</li> <li>Quarter turn installation, no mechanical fix required</li> <li>Safety clip for added security</li> <li>Central wire exit</li> </ul>				

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

# Stainless Steel Hanger

A versatile suspension kit for a variety of applications including the suspension of HVAC, pipework and electrical containment from different substrates in the food industry and high humidity environments.

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

**Durable** – ceramic rollers and stainless steel springs for corrosion resistance in high humidity environments

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

**Easy** – simple adjustment using the Setting Key supplied reduces time spent working at height

**Strong** – industry approved, conforms to DW/144

**Lightweight** – easy to move and handle on-site, whilst reducing the load on the building structure

**Aesthetic** – the design complements enclosed and open soffit spaces

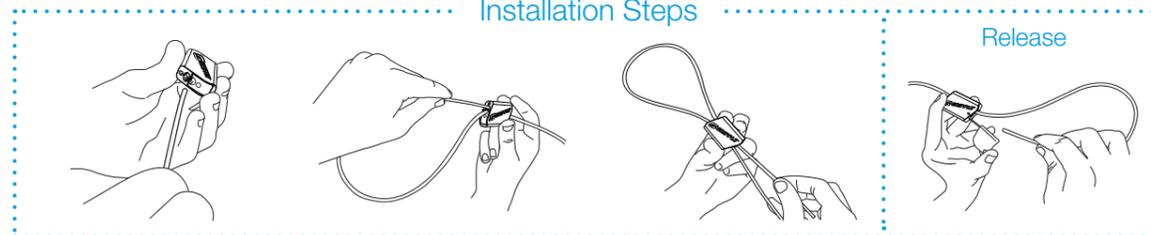


## Available Sizes and Load Ratings

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

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

## Installation Steps



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support. Red end caps are used on No. 2 hangers, orange end caps used on No. 3 hangers.

# Duct and 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

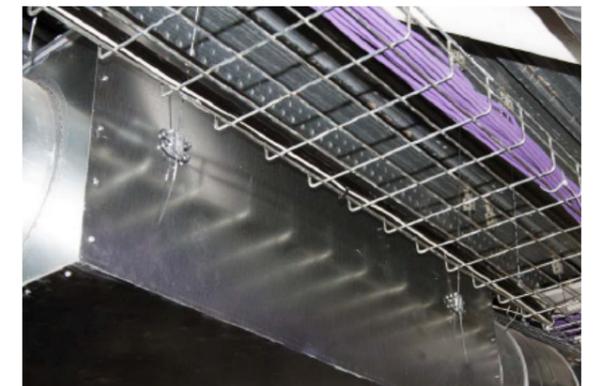
**Quick** – adjustment pin allows for rapid adjustment, no Setting Key required

**High performance** – rubber pad prevents air leakage and dampens vibration

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

**Compatible** – suitable for ducting made from 0.6-15 mm gauge steel up to 700 mm wide

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

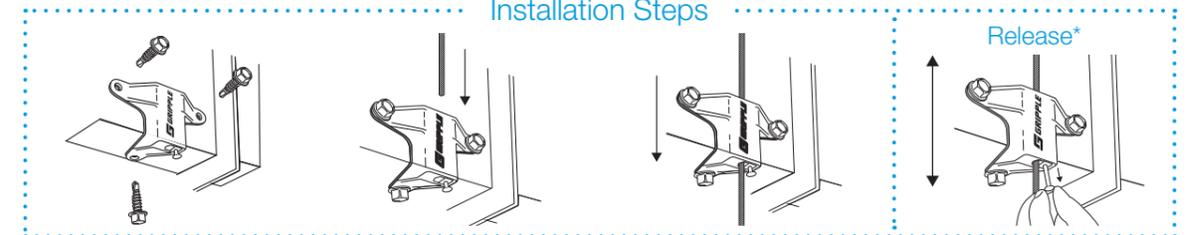


## Available Sizes and Load Ratings

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

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

## Installation Steps



\*When releasing: 1. Remove load, 2. Pull tail wire, 3. Activate pin. Do not adjust under load. Duct Trapeze shown, Same steps apply to Butterfly Trapeze.

# InvisiGrip

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

- Discreet** – translucent hanger and filament ensures suspension blends into surroundings and creates illusion of 'floating' displays
- Versatile** – ideal for retail signage, product displays, decorative features and acoustic panels
- Easy** – innovative twist release mechanism allows the user to simultaneously adjust the position of the hanger, as well as the products suspended, in one simple movement
- Fast** – install and adjust in seconds, eliminating signage rails and complex assemblies
- Ready-to-use** – delivered as pre-made kits with your chosen end fixing and set length of filament, or as a DIY kit complete with InvisiGrip Hangers, a reel of InvisiGrip grade filament and filament cutters
- Safe** – 5 kg Safe Working Load with a 5:1 safety factor



## Dimensions and Load Rating

	<b>A</b> - 26 mm	<p><b>InvisiGrip</b></p> <p>5 kg Safe Working Load (5:1)</p> <p>Minimum Load - 100 g per hanger</p>
	<b>B</b> - 20 mm	
	<b>C</b> - 10 mm	

## Installation Steps



Always support load before adjusting. Contact Gripper 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 services for adjustment
- Safe** – no tools or 'hot works' permit required for installation, improving health and safety on-site
- Strong** – industry approved
- Fire Rated** – Y-Fit Accessory only. Tested to BS EN 1363-1:2020. For more information please refer to the Fire Rated Product Matrix on page 50



Y-Fit Accessory version available

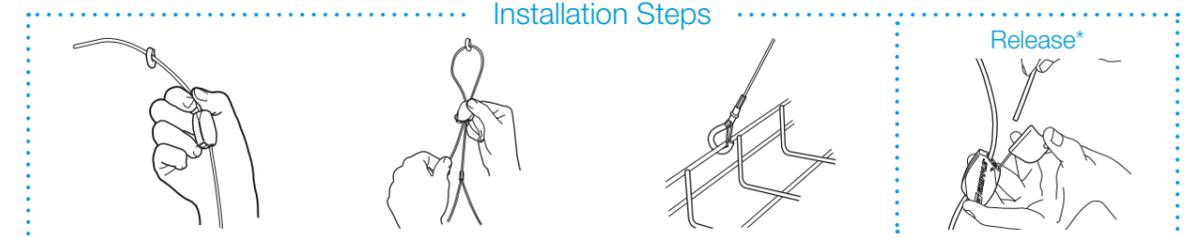


## Available Sizes and Load Ratings

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

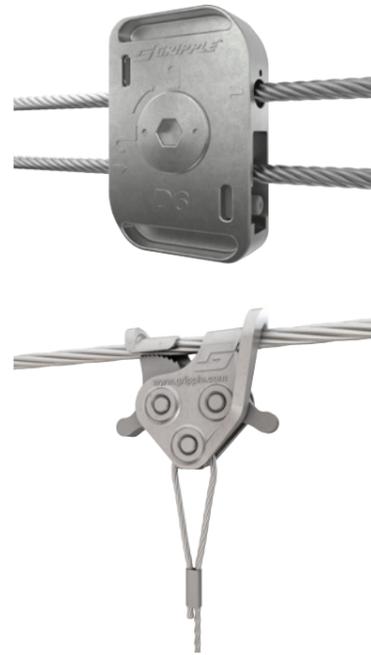
## Installation Steps



# Catenary Kit & C-Clip (Indoor)

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

- Visually discreet and lightweight
- Can be fitted retrospectively
- Available in 3 mm and 6 mm wire rope diameters, for suspensions up to 100 kg per kit
- C-Clip End Fixing allows horizontal and vertical adjustment

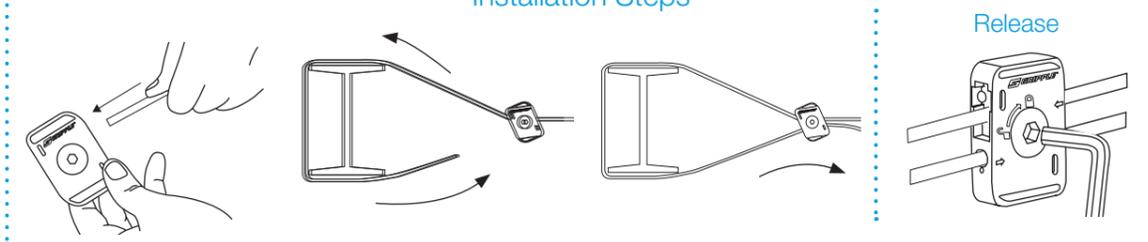


## Available Sizes and Load Ratings

	<b>3 mm</b> 30 kg SWL (free span) (5:1)		<b>6 mm</b> 100 kg SWL (free span) (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. For example, 3 mm and 6 mm C-Clip end fixings available. 3 mm version up to 15 kg SWL and 6 mm version up to 55 kg SWL (5:1).

## Installation Steps



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

# Fire Rated Hanger



The Fire Rated Hanger range is a fire-resistant solution developed in accordance with BS EN 1363-1:2020.

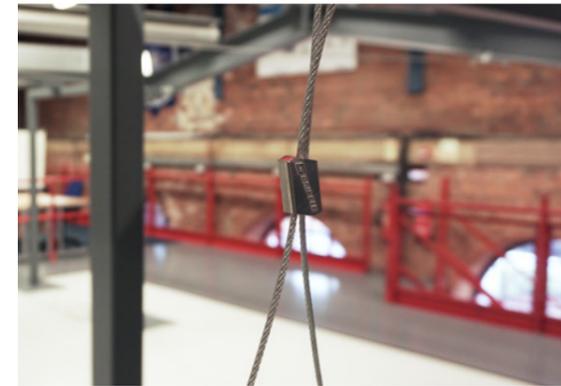
**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020. For certification to support load limits and exposure times, see page 50

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

**Anti-tamper** – requires tool to release

**Strong** – ceramic rollers provide extra strength and corrosion resistance

**Versatile** – available in two sizes for a safe working load at ambient temperature of 45 kg (No. 2) and 90 kg (No. 3)

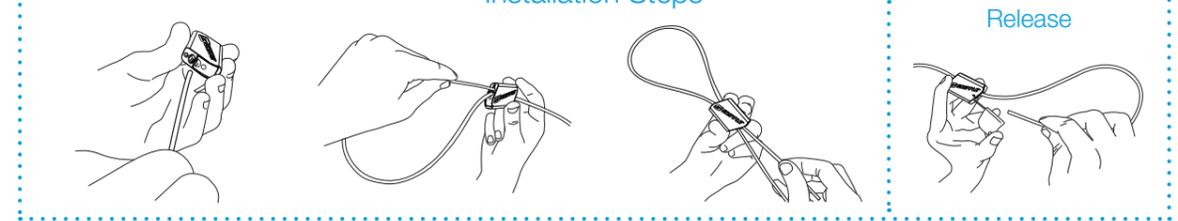


## Available Sizes and Load Ratings

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

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

## Installation Steps



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support. Red end caps are used on No. 2 hangers, orange end caps used on No. 3 hangers.

# Trapeze Plus FR

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

**Fire rated** – tested to F120 in accordance with BS EN 1363:2020 & BS 476. For certification to support load limits and exposure times, see page 50

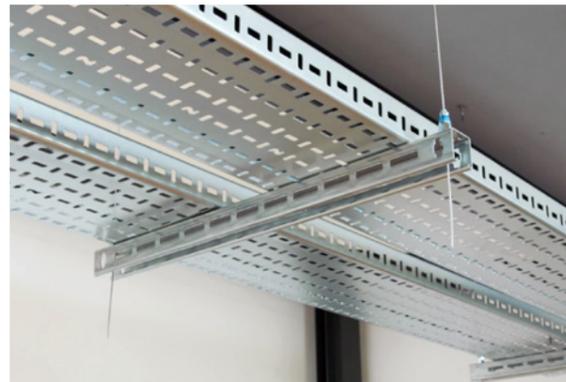
**Simple** – fast and easy installation using the flange nut or channel nut supplied to pre-install into Gripple Universal Bracket or channel reducing time spent working at height

**Quick** – integral adjustment button allows for rapid adjustment, no Setting Key required

**Secure** – locking screw prevents movement of services once positioned

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

**Versatile** – available in three sizes with a choice of channel nut or flange nut fixings. Also available as a side exit hanger for applications where wire cannot exit centrally (avoiding clashes with services). Cable Basket Adaptor version also available. Contact Gripple Technical Services for more information



## Available Sizes and Load Ratings

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

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

## Installation Steps



\*When releasing: 1. Remove load, 2. Pull tail wire, 3. Activate pin. Do not adjust under load.  
\*\*Torque: Tighten into channel. Maximum torque value to be supplied - 5 Nm.

# Fire Rated Clip

A time and labour saving fire rated cable fastener for direct suspension of cables to ceilings or walls.



**Quick** – direct fixing of cables to ceilings and walls

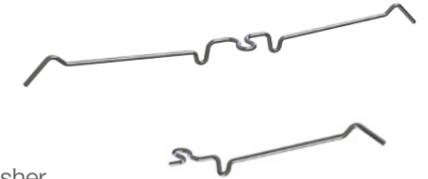
**Fire resistant** – tested to F30 in accordance with BS7671:2018 direct fix spacing requirements. Please refer to Fire Rated Product Matrix on page 50

**Ready-to-use** – supplied with a fire rated concrete screw and washer

**Versatile** – single sided and double sided clip for various amounts of cable

**Labour saving** – considerably simplified installation when compared to tray and basket

**Secure** – wire is flexible to allow easy installation of cable, and durable to secure once in place

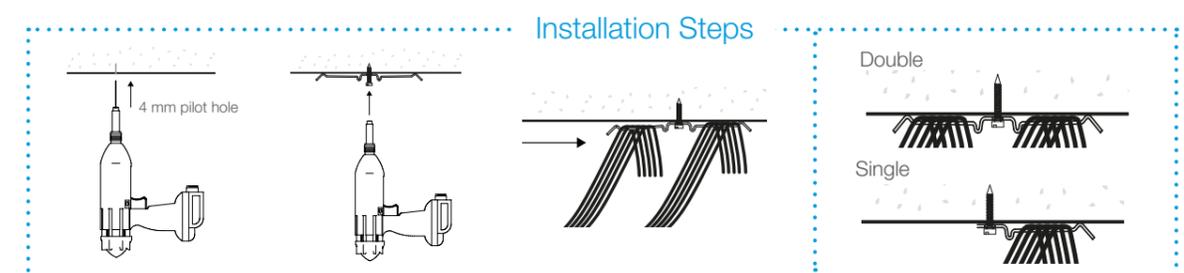


## Available Sizes and Load Ratings

	<b>Single</b> 0.24 kg SWL		<b>Double</b> 2 x 0.24 kg SWL
---	------------------------------	---	----------------------------------

Load ratings given are based on F30 Fire Resistance.

## Installation Steps



# 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.

**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020\*. For certification to support load limits and exposure, see page 50

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

**Zero waste** – tracks bend neatly under bracket

**Versatile** – four-sided bracket provides suspension point on every face

**Easy measurement** – indicators for marking fixing points on the ceiling; M4 level markers on the tracks highlight 50 mm increments, no leveling tools required

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

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



## Available Bracket Sizes



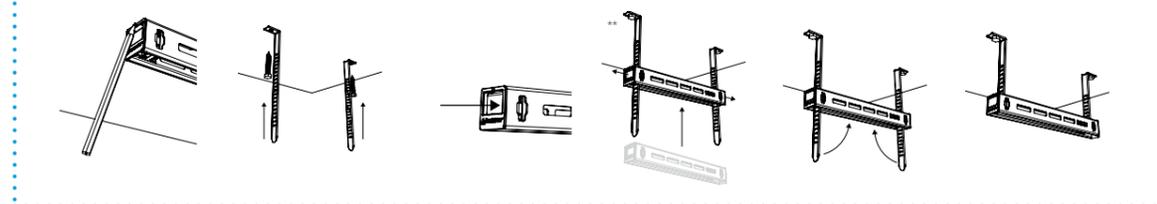
**System Rating** Up to 200 kg SWL (3:1)\*\*  
**Bracket Sizes** 170 mm - 1470 mm  
 Bracket sizes increase in 100 mm increments

## Available Track Sizes



**Track Sizes** 200 mm - 1500 mm  
 Track sizes increase in 100 mm increments

## Installation Steps



\*Fire Fastener needed when used channel-side up ('u' orientation). Tested at ambient temperatures, contact Gripple for full product information, submittal data and technical support.  
 \*\*When installed correctly, button must be fully retracted and flush with the cartridge edge. Do not adjust under load. SWL is dependent on the bracket size and orientation.

# Fast Trak® - Low Profile



A space efficient low profile pre-fabricated trapeze bracket. Ideal for use with electrical containment, pipework and mechanical services in ultra-restricted ceiling spaces.

**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020\*. For certification to support load limits and exposure, see page 50

**Space saver** – 21 mm bracket depth is even lower profile than standard Fast Trak range

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

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

**Tool free adjustment** – bracket 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 requirements

**Aesthetic** – tracks bend neatly under bracket\*\*



## Available Bracket Sizes



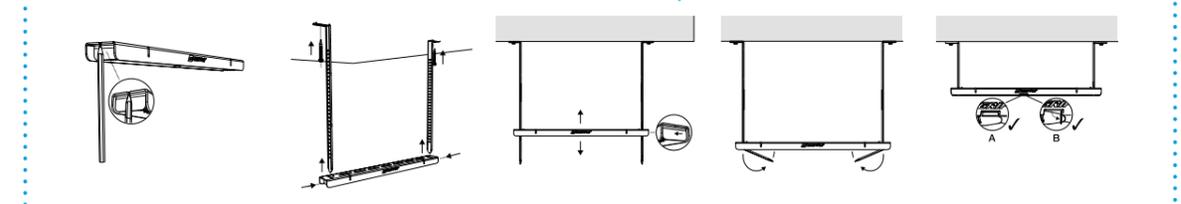
**System Rating** 30 - 195 kg SWL (3:1)\*\*  
**Bracket Sizes** 190 mm - 1490 mm  
 Bracket sizes increase in 100 mm increments

## Available Track Sizes



**Track Sizes** 200 mm - 1500 mm  
 Track sizes increase in 100 mm increments

## Installation Steps



\*Tested at ambient temperatures, contact Gripple for full product information, submittal data and technical support.  
 \*\*Excess tracks cannot be snapped off once bracket is levelled.  
 \*\*\*When installed correctly, button must be fully retracted and flush with the cartridge edge. Do not adjust under load. SWL is dependent on the bracket size and orientation.

# Fast Trak® - Side Loading



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

**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020\*. For certification to support load limits and exposure, see page 50

**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 adjustment** – 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 requirements



## Available Bracket Sizes

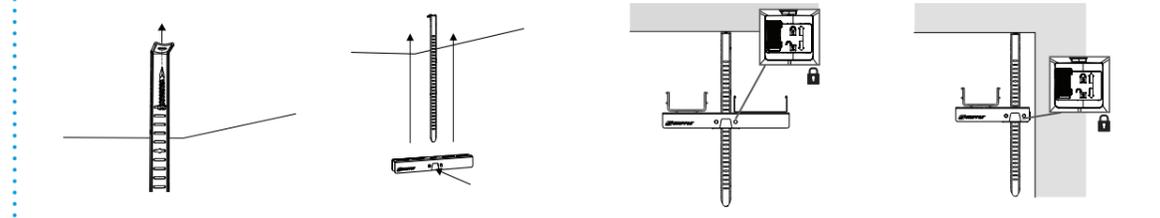
	
Single Load FTBS-180 – 15 kg 3:1 SWL***	Twin Load <sup>1</sup> FTBT-200 – 30 kg 3:1 SWL FTBT-300 – 30 kg 3:1 SWL FTBT-400 – 30 kg 3:1 SWL

## Available Track Sizes


<b>Track Sizes</b> 200 mm - 600 mm

Track sizes increase in 100 mm increments

## Installation



\* Tested at ambient temperatures, contact Grippler for full product information, submittal data and technical support.

\*\* Excess tracks cannot be snapped off once bracket is levelled.

\*\*\* When installed correctly, button must be fully retracted and flush with the cartridge edge. Do not adjust under load. SWL is dependent on the bracket size and orientation.

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# Fast Trak® - Segregated



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

**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020\*. For certification to support load limits and exposure, see page 50

**Quick** – up to six times faster to install than traditional suspension systems, lightweight services can be side loaded onto the bracket

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

**Compliant** – adheres to regulations where electrical and power must be separated by a required distance

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

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

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

**Easy measurement** – indicators above adjustment buttons on the bracket offer a measurement guide when marking fixing points on the ceiling; M4 level markers on the tracks highlight 50 mm increments, with no leveling tools required

**Neat & tidy** – system can be ‘stacked’ on-site to reduce storage requirements



## Available Bracket Sizes

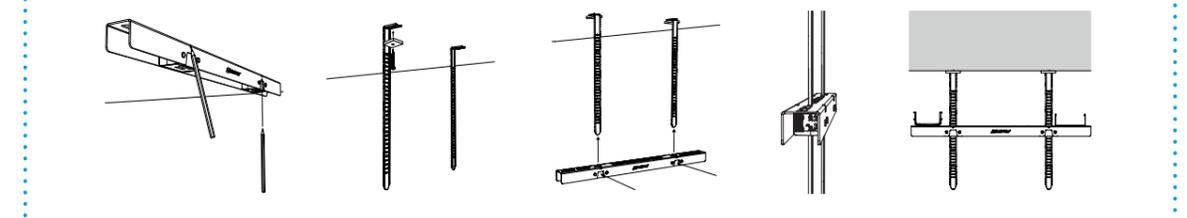

Bracket*** FTBSG-130 – 2 x 22.5 kg 3:1 SWL FTBSG-240 – 2 x 22.5 kg 3:1 SWL FTBSG-350 – 2 x 22.5 kg 3:1 SWL

## Available Track Sizes


<b>Track Sizes</b> 200 mm - 600 mm

Track sizes increase in 100 mm increments

## Installation Steps



\* Tested at ambient temperatures, contact Grippler for full product information, submittal data and technical support.

\*\* Excess tracks cannot be snapped off once bracket is levelled.

\*\*\* When installed correctly, button must be fully retracted and flush with the cartridge edge. Do not adjust under load. SWL is dependent on the bracket size and orientation.

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# Fire Fastener



A fire rated push-fit fastener designed for attaching onto a Fast Trak bracket. The fastener is only required to provide a fire rated solution when the bracket is in a 'u' orientation (i.e. channel side up).

**Quick** – tested to F120, according to the temperature curve of BS EN 1363-1:2020. For certification to support load limits and exposure, see page 50

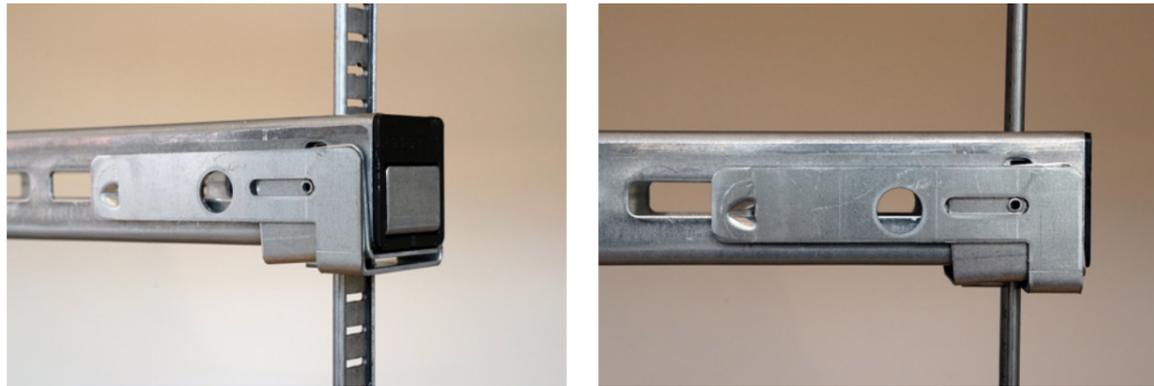
**Quick** – no tool installation

**Simple** – push fit-design

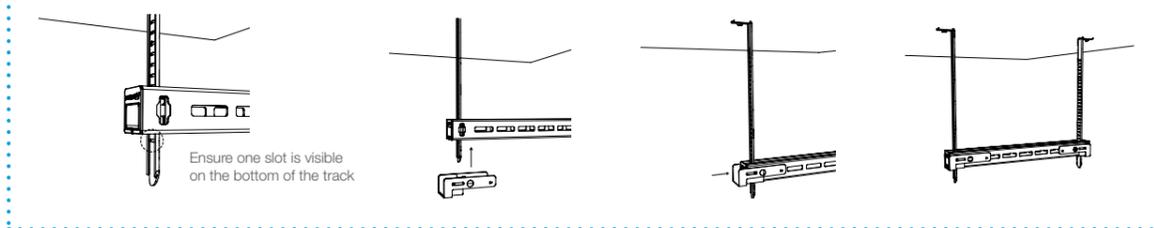
**Ready-to-use** – pre-assembled fastener

**Compatible** – facilitates the use of the Fast Trak system in fire rated applications

**Versatile** – fits all bracket lengths of Fast Trak - Standard



## Installation



Do not adjust under load. Contact Gripple for full product information, submittal data and technical support. Bending tracks by hand is not recommended when excess is under 100 mm.

# Accessories

## Cable Basket Clip

Developed for the quick fastening of cable basket to Gripple Fast Trak & Universal Bracket systems.



## Bracket Cover

Neatly hides folded tracks to further enhance the aesthetics of the Fast Trak & Universal Bracket systems.



## Cable Tray Clip

Developed for the quick fastening of cable tray to Gripple Fast Trak & Universal Bracket systems.



## Trunking Clamp

Quarter turn attachment to Fast Trak & Universal Bracket systems for quick installation of trunking.



## Conduit Clamp

Quarter turn attachment to Fast Trak & Universal Bracket systems for quick installation of conduit.



## J-Hook 🔥

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



## Metal Decking Adaptor

Versatile adaptor that can be used in conjunction with the Fast Trak system and a range of decking wedges to ensure building services can be suspended from various metal decking profiles. Available in M8 and M10 versions.



## Vibration Dampener Pad

The Vibration Dampener Pad (VDP) is designed for vibration reduction when installing rectangular ducting on Fast Trak & Universal Bracket systems.



## Fire Fastener 🔥

A fire rated push-fit fastener designed for attaching onto a Fast Trak bracket. The fastener is only required to provide a fire rated solution when the bracket is in a 'u' orientation (i.e. channel side up).



## Track Protector

An end cap designed for protruding tracks to reduce the risk of injury. Available in two different sizes.



# Fire Rated Product Matrix

All figures shown below are absolute loads. For safety factors of ambient temperature loads, please contact Gripple Technical Services for more information.

3rd Party Fire Tested to BS 476 (ISO 834) Fire Curve Temperatures				
Temperature	842°C	945°C	1006°C	1049°C
Test Duration	30 mins (FR30)	60 mins (FR60)	90 mins (FR90)	120 mins (FR120)
<b>Fast Trak - Standard</b>				
Top 'n' Orientation (All sizes)	85 kg	65 kg	55 kg	48 kg
Bottom 'u' Orientation (with Fire Fastener)** (All sizes)	60 kg	60 kg	60 kg	44 kg
Side 'c' Orientation (All sizes)	80 kg	60 kg	54 kg	41 kg
<b>Fast Trak - Low Profile</b>				
Low Profile (All sizes)	80 kg	75 kg	60 kg	48 kg
<b>Fast Trak - Side Loading (Single Load)</b>				
Single Load 180	15 kg	15 kg	15 kg	15 kg
<b>Fast Trak - Side Loading (Twin Load)</b>				
Twin Load 200	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	10 kg (5 kg per side)
Twin Load 300	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	10 kg (5 kg per side)
Twin Load 400	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	15 kg (7.5 kg per side)	10 kg (5 kg per side)
<b>Fast Trak - Segregated</b>				
Segregated (All sizes)	40 kg	40 kg	20 kg	10 kg
<b>Universal Bracket</b>				
Top 'n' Orientation (All sizes)	85 kg	65 kg	55 kg	48 kg
Side 'c' Orientation (All sizes)	80 kg	60 kg	54 kg	41 kg
<b>Low Profile Bracket</b>				
Low Profile (All sizes)	90 kg	45 kg	45 kg	45 kg
<b>Accessories</b>				
J-Hook	1.25 kg	1.25 kg	1.25 kg	1.25 kg

3rd Party Fire Tested to BS 476 (ISO 834) Fire Curve Temperatures				
Temperature	842°C	945°C	1006°C	1049°C
Test Duration	30 mins (FR30)	60 mins (FR60)	90 mins (FR90)	120 mins (FR120)
<b>Gripple Fire Rated Hangers</b>				
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
<b>Gripple FR Y-Fit Accessories</b>				
AY2-HG...SS-F - Snap Hook End Fixing	15 kg	*2.5 kg	2.5 kg	2.5 kg
AY3-HG...SS-F - Snap Hook End Fixing	45 kg	20 kg	10 kg	-
AY2-KS...SS-F - Karabiner (8-80S) End Fixings	15 kg	7.5 kg	2.5 kg	-
AY3-KS...SS-F - Karabiner (8-80S) End Fixings	25 kg	20 kg	10 kg	-
<b>Gripple Trapeze Plus FR Hangers</b>				
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
<b>Gripple Trapeze Plus FR Hangers with Cable Basket Adaptor</b>				
MTZ2...SS-CBA-F	15 kg	7.5 kg	2.5 kg	2.5 kg
<b>Gripple Trapeze Plus FR Hangers - Side Exit</b>				
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
<b>Gripple G-Brackets</b>				
G100	30 kg	30 kg	15 kg	-
G200	30 kg	30 kg	15 kg	-
G300	30 kg	15 kg	15 kg	-
G400	30 kg	15 kg	15 kg	-
<b>Fire Rated Clips</b>				
FRC-S-100-P-SS-F (Fire Rated Clip - Single)	0.24 kg	-	-	-
FRC-D-100-P-SS-F (Fire Rated Clip - Double)	2 x 0.24 kg	-	-	-

	Loop	M8 Stud	M8 Channel Nut	M10 Stud	Eyelet	90° Eyelet	Toggle
<b>Gripple Fire Rated Hangers</b>							
HF2...SS-F	∅	∅	∅	-	∅	∅	-
HF3...SS-F	∅	∅	∅	-	∅	o	∅
<b>Gripple Trapeze Plus FR Hangers</b>							
MTZ2...SS-F	∅	∅	∅	-	∅	∅	∅
MTZ3...SS-F	∅	∅	∅	-	∅	o	∅
MTZ4...F	-	-	-	∅	-	-	-
<b>Gripple Trapeze Plus FR Hangers with Cable Basket Adaptor</b>							
MTZ2...SS-CBA-F	∅	∅	∅	-	∅	∅	∅
<b>Gripple Trapeze Plus FR Hangers - Side Exit</b>							
MTS2...SS-F	∅	∅	∅	-	∅	∅	∅
MTS3...SS-F	∅	∅	∅	-	∅	o	∅

**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.

\*Fire Fastener needed when used in a 'u' orientation (i.e. channel side up)

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

Rev G 10.08.23

Key	
-	End Fixing unavailable
∅	F30, F60, F90 and F120 available
o	F30, F60 and F90 only

# FIRE-RATED SUSPENSION SYSTEMS

TESTED TO BS EN 1363-1:2020 FOR ALL ELECTRICAL SERVICES



As market leaders in the suspension of electrical containment, Gripple Ltd have an independently tested range of fully compliant, fire-resistant suspension systems, tested to BS EN 1363-1:2020.

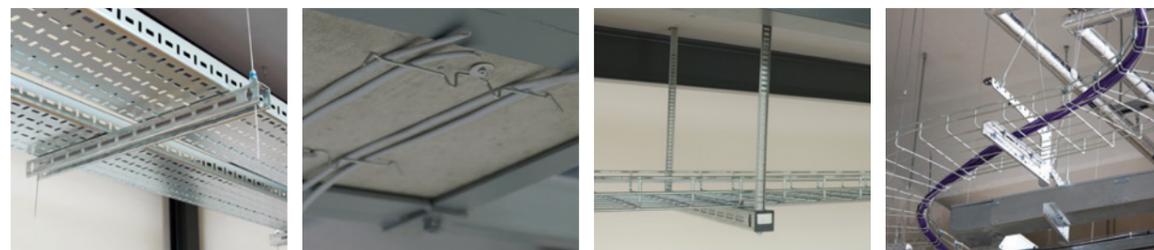


Trapeze Plus FR

Fire Rated Hanger

Cable Basket Adaptor

Y-Fit Accessory



Universal Bracket

Fire Rated Clip

Fast Trak

G-Bracket

## Universal Bracket



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

**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020\*. For certification to support load limits and exposure, see page 50

**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. Trapeze Plus FR

**Compatible** – uniform slots on three sides allow accurate alignment of Gripple clamps and QT accessories with the fourth side permitting the use channel / strut accessories

**Safe** – improved health and safety as no tools or ‘hot works’ permit required for installation

**Strong** – increased load ratings of up to 200 kg, available in sizes ranging from 170 mm to 1470 mm



### Size Variants



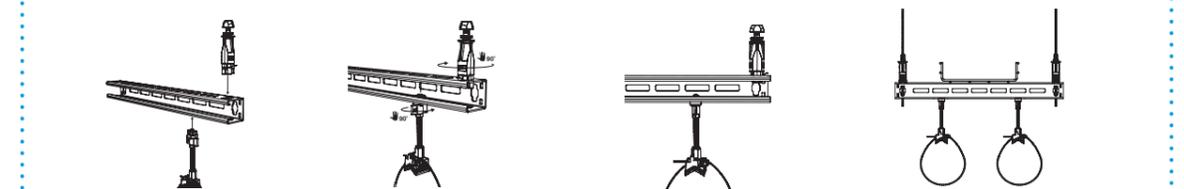
#### System Rating

Up to 200 kg SWL  
(for full submittal data  
please contact Gripple)

#### Bracket Size

Available in 100 mm  
increments from  
UB-170 - UB-1470\*\*

### Installation Steps



\*Do not adjust under load. †Tested at ambient temperatures, contact Gripple for full product information, submittal data and technical support.  
\*\*Product codes relate to suspension space for positioning services onto the brackets, not the full length of the bracket.

# Low Profile Bracket



Can be supplied with Gripple Pipe Clamps for quick and easy support of pipework within mechanical and plumbing services.

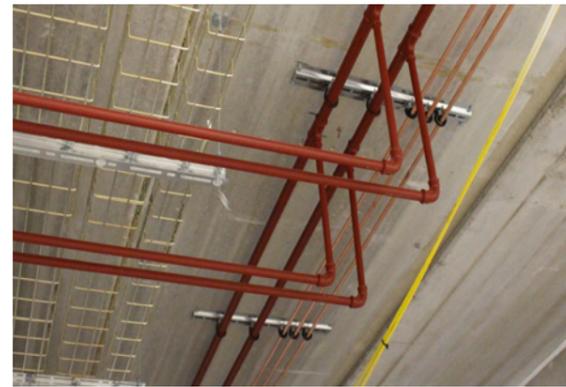
**Fire Rated** – tested to F120, according to the temperature curve of BS EN 1363-1:2020\*. For certification to support load limits and exposure, see page 50

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

**Compatible** – brackets are supplied with QT Universal Clamps or QT Compact Clamps featuring quarter turn fixing

**Safe** – improved health and safety as no 'hot works' permit required for installation

**Strong** – up to 150 kg load rating in sizes ranging from 250 mm to 1550 mm\*\*

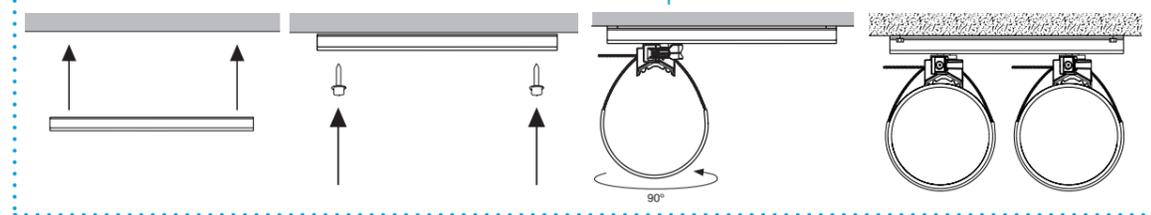


## Size Variants<sup>1</sup>

	<p>Available in 100 mm increments from 180 mm - 1550 mm Up to 150 kg SWL (for full submittal data please contact Gripple)</p>
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Can be supplied as ready-to-use kits with a choice of QT Universal Clamps or QT Compact Clamps.

## Installation Steps



\*Tested at ambient temperatures, contact Gripple for full product information, submittal data and technical support.  
\*\*Do not adjust under load. Please be advised that our Low Profile Bracket should only be installed as a header rail or direct fix and cannot be used as a bearer. For more information please contact Technical Services.

# 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

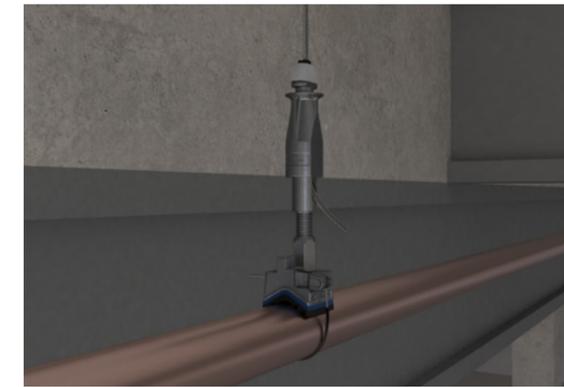
**Robust** – retractable sleeve, pre-fitted to wire rope to prevent galvanic corrosion

**Versatile** – a variety of rubber pads provide insulation against vibration (noise reduction up to 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

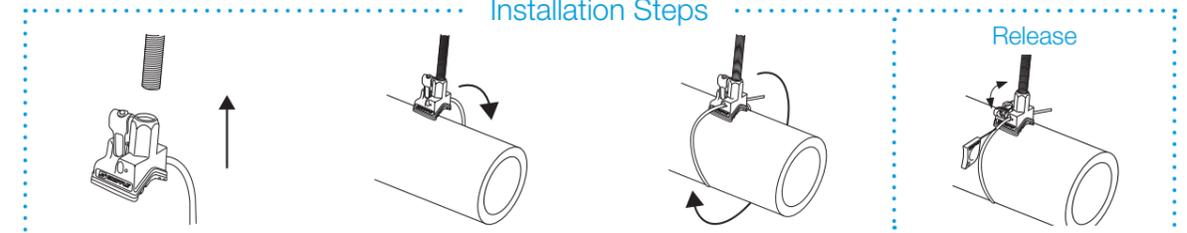


## Pad Variants

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

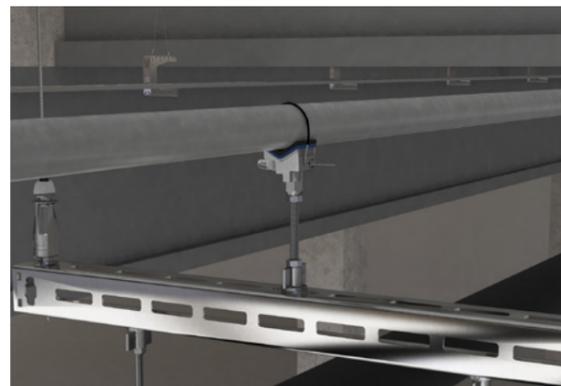
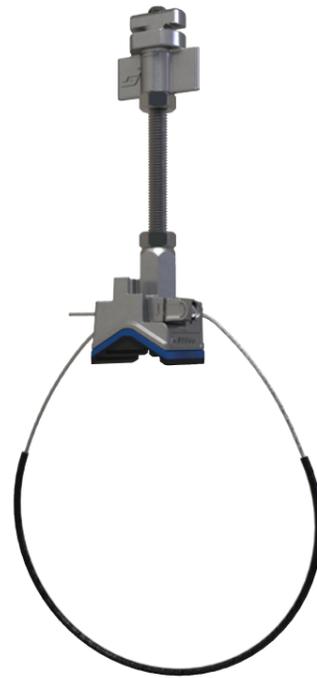
**Quick installation** – simple quarter turn attachment to bracket; no requirement to cut threaded rod to multiple different lengths

**Versatile** – enables pipes of different sizes to be installed along the centre axis and condensate pipes to be installed at a gradient for drainage. A variety of rubber pads also provide insulation against vibration (noise reduction up to 23 db)

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

**Practical** – easy site storage, reduces waste

**Ready-to-use** – supplied as a kit, with 100 mm length of rod, M8 nut and Gripple Universal Clamp

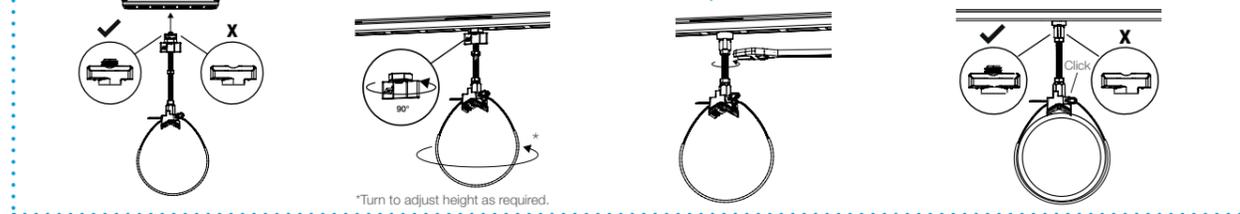


## Pad Variants

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

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# 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 up to 23 db)

**Strong** – 75 kg SWL with a 3:1 safety factor

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

**Safe** – supplied in ready-to-use kits with Gripple Brackets, for easy site storage and waste reduction



## Pad Variants

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

**End Fixings**  
Page 63

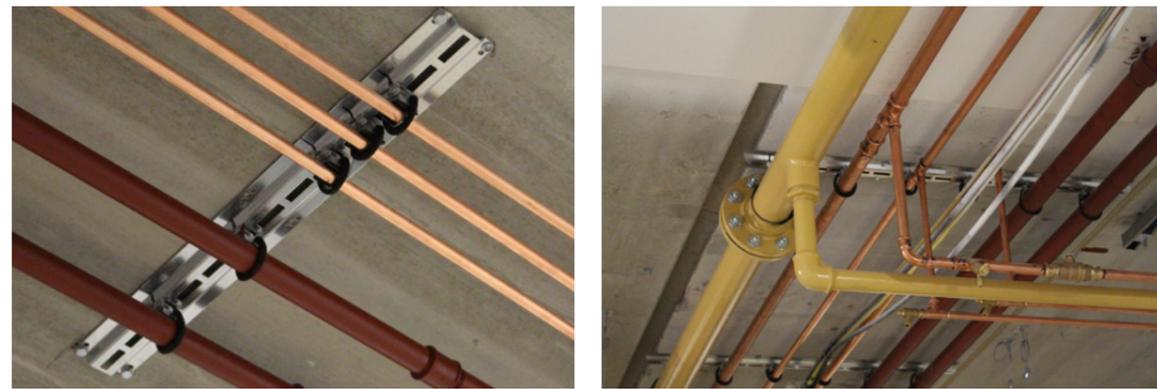
**Accessories**  
Page 79

**Technical**  
Page 91

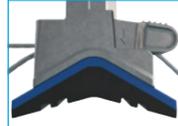
# QT Compact Clamp

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 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 up to 23 db)
- Strong** – 75 kg SWL with a 3:1 safety factor
- Compatible** – available with Kooltherm/Armaflex pipe collars for insulated pipe
- Safe** – supplied in ready-to-use kits with Gripple Brackets, for easy site storage and waste reduction

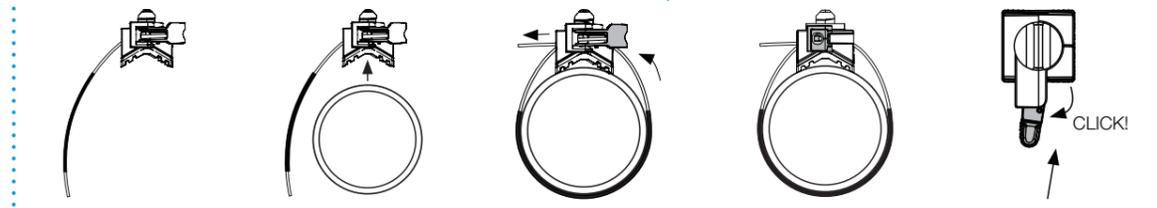


## Pad Variants

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

**End Fixings**  
Page 63

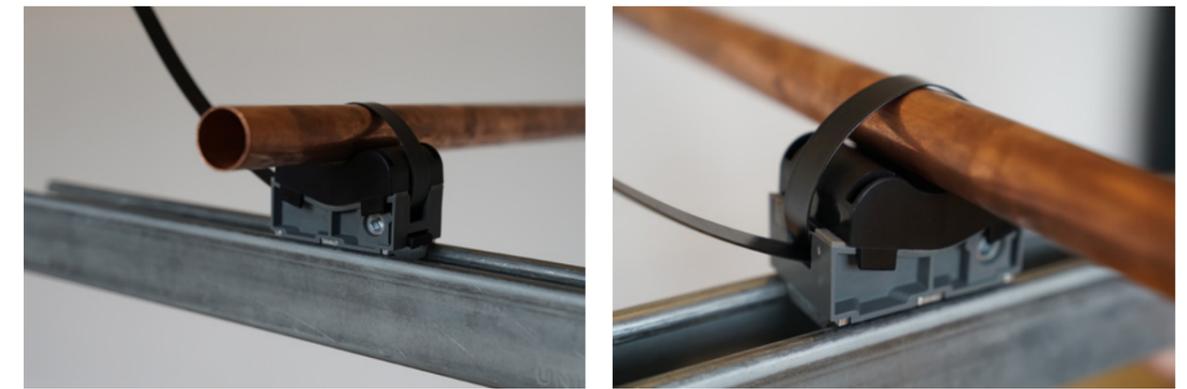
**Accessories**  
Page 79

**Technical**  
Page 91

# GCS

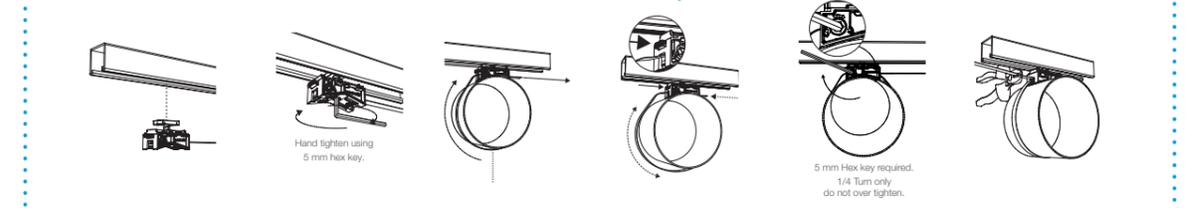
Versatile pipe clamp solution, replacing 11 pipe hanger sizes in one product, designed for use with standard strut channel profiles to secure up to 225 mm OD piping systems including insulation in multiple mechanical and plumbing applications.

- Quick** – simple and secure attachment to channel with a 5 mm hex key
- Universal** – secures up to 225 mm OD piping systems, eliminating the need to stock multiple pipe clamps
- Versatile** – suitable for mechanical piping and plumbing applications including HVAC refrigerant piping, VRF systems, medical gas and domestic water
- Robust** – secure fit to strut using the hex key allows safe transit of pre-built brackets from off-site prefabrication shop to job site
- Safe** – stainless steel securing strap with non-conductive coating to prevent galvanic corrosion between dissimilar metals
- Adjustable** – prior to final lock, button release allows easy adjustment or addition of insulation after installation



Clamps are supplied as ready-to-use kits with Gripple Universal Brackets.

## Installation Steps



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

**End Fixings**  
Page 63

**Accessories**  
Page 79

**Technical**  
Page 91

# 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

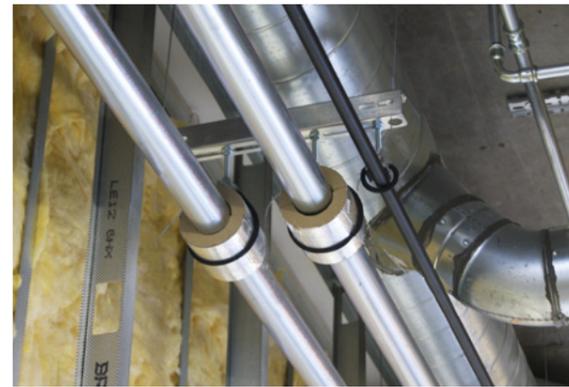
**High performance** – reduced heat loss & highly moisture resistant

**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



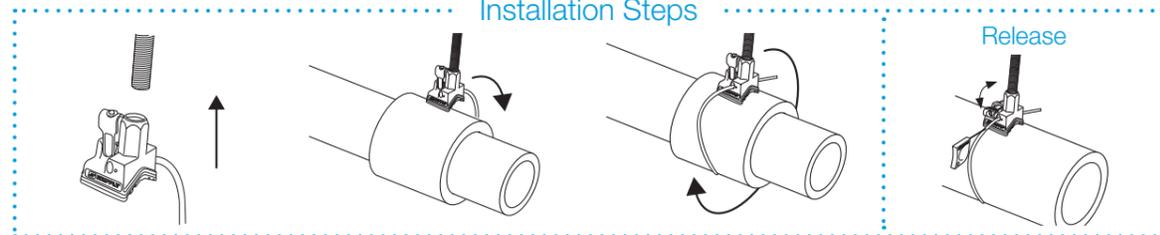
Thermal Efficiency

Thermal Conductivity

<b>Kooltherm®</b> -50°C to +120°C	<b>Armaflex®</b> -183°C to +105°C
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<b>Kooltherm®</b> 0.021 W/m·K at 10°C	<b>Armaflex®</b> 0.036 W/m·K at 10°C
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### Installation Steps

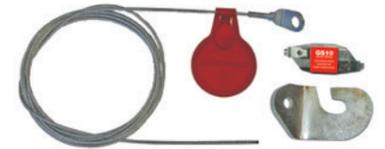


Contact Gripple for full product information, submittal data and technical support.

# Wire Bracing Systems

Gripple Wire Bracing Systems are specifically designed and engineered to brace and secure suspended nonstructural equipment and components within a building or structure to minimise damage from an earthquake or seismic event and to provide blast protection by minimising the risk of injury by reducing the distribution of debris in the event of an explosion.

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



Available Sizes and Load Ratings

<b>Kit</b>	<b>GS10</b>	<b>GS12</b>	<b>GS19</b>	<b>GS25</b>
<b>Tag Colour</b>	Red	Green	Yellow	Purple
<b>Desired Strength (LRFD*)</b>	181 kg	428 kg	1,027kg	1,619 kg

\*Load and resistance factor design



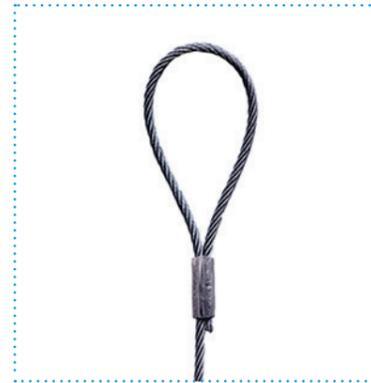
## End Fixings

Loop & Stud	page 64	▲
Toggle & Channel Nut	page 65	▲
Cable Tray Hook & Mini Hook	page 66	
Barrel & Top Hat	page 67	
Eyelet & 90° Eyelet	page 68	▲
45° Eyelet & End Stop	page 69	
Cladding Hook & Ring Anchor	page 70	
Ceiling Anchor & Link Hook	page 71	
Karabiner & C-Clip	page 72	
Shot Fire & Snap Hook	page 73	
Decking Wedge & Alphawedge	page 74	
Multiwedge 2 & TR60 Wedge	page 75	
MF Wedge & Twist Clip (White)	page 76	
Magnetic Pad & QT Barrel	page 77	

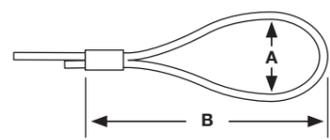
# Loop



- 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 (other lengths available on request)
- Available in stainless steel

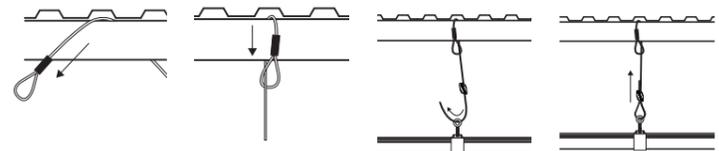


## Available Hangers



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

## Installation



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

Install fixings in accordance with manufacturer's specifications.

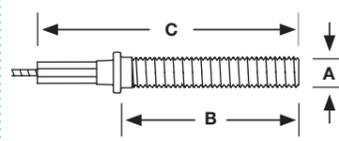
# Stud



- 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 available on request)
- Other lengths are available on request
- Also available in stainless steel and fire rated kits

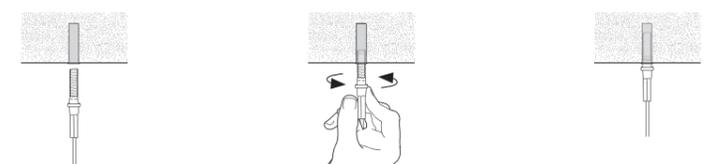


## Available Hangers



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

## Installation



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

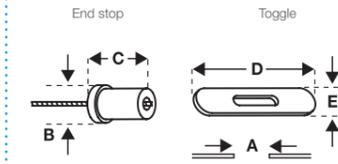
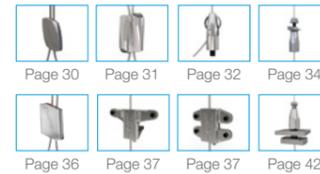
# Toggle



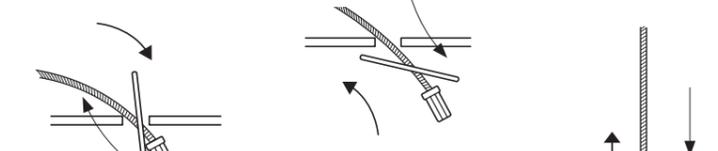
- Ideal when used as a Y-Fit to suspend lighting
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a complete kit with Gripple wire rope and hanger
- Available in stainless steel (for number 2 only)
- Available in lengths of 1 m - 10 m (other lengths available on request)



## Available Hangers



## Installation



Size	A max. hole size (mm)	B (mm)	C (mm)	D (mm)	E (mm)
No. 1	6	5.9	8	40	5.8
No. 2	8	7.9	12	40	7.8
No. 3	10	9.9	18	40	9.7

Install fixings in accordance with manufacturer's specifications.

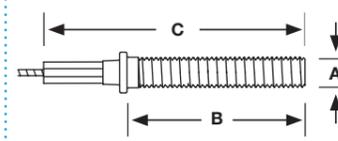
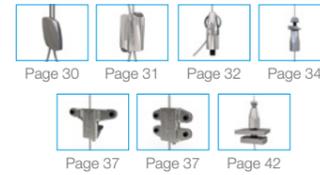
# Channel Nut



- 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 in lengths of 1 m - 10 m (other lengths available on request)



## Available Hangers



## Installation



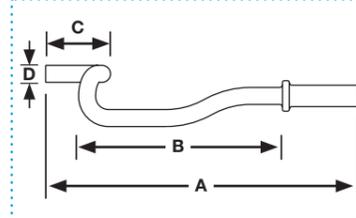
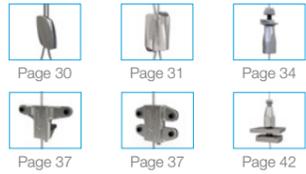
Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70
No. 4	M10	45	100

Install fixings in accordance with manufacturer's specifications.

# Cable Tray Hook

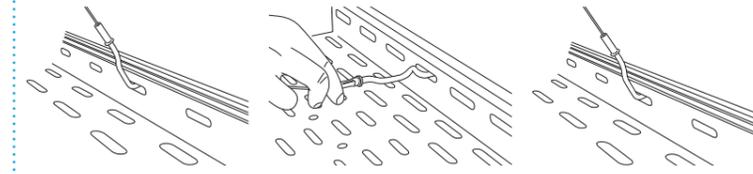
- Fits cable trays from 100 mm to 300 mm wide
- Can be attached to both holes and slots of cable trays
- For supporting up to 45 kg of load with a 5:1 safety factor
- Compatible with all side wall holes and slots irrespective of depth
- Comes as a ready-to-use kit with Gripple Y-Fit hanger (No. 2) or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

## Available Hangers



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

## Installation

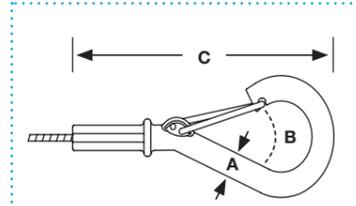


Only for leg end fixings on Y-Fit products.  
Install fixings in accordance with manufacturer's specifications.

# 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 available on request)

## Available Hangers



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

## Installation

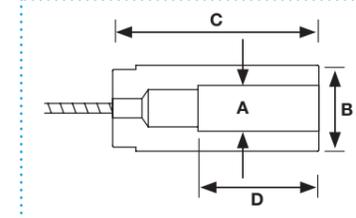


Install fixings in accordance with manufacturer's specifications.

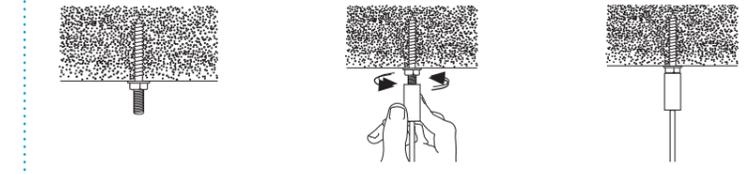
# Barrel

- 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 (other lengths available on request)

## Available Hangers



## Installation



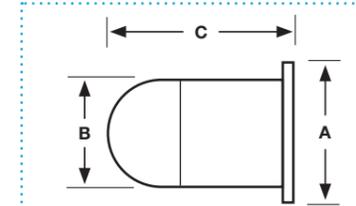
\*Barrel No.1 only suitable with timber soffits & wood screw

Install fixings in accordance with manufacturer's specifications.

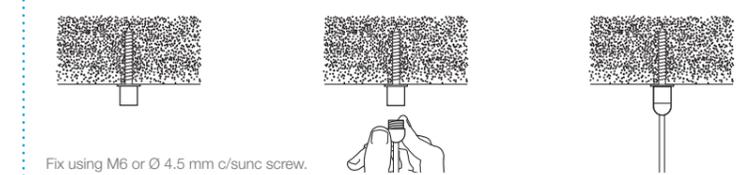
# Top Hat

- 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 in lengths of 1 m - 10 m (other lengths available on request)

## Available Hangers



## Installation



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



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

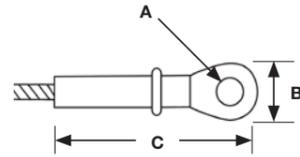
Install fixings in accordance with manufacturer's specifications.

# Eyelet



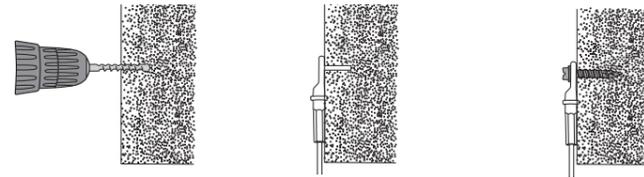
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Fire rated version available
- Available in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers



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

### Installation



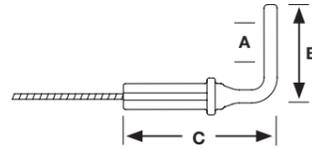
Install fixings in accordance with manufacturer's specifications.

# 90° Eyelet



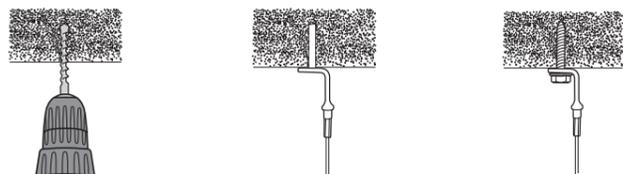
- Ideal for use with Gripple concrete screws for direct soffit mounting
- Available up to 110 kg SWL with a 5:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Fire rated version available
- Available in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers



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

### Installation

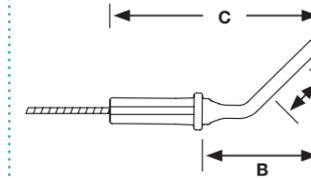


Install fixings in accordance with manufacturer's specifications.

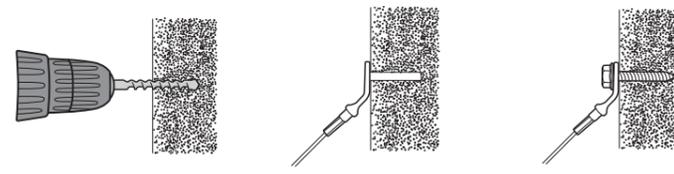
# 45° Eyelet

- 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 in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers



### Installation

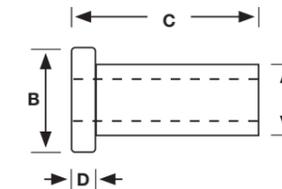
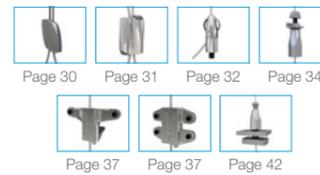


Install fixings in accordance with manufacturer's specifications.

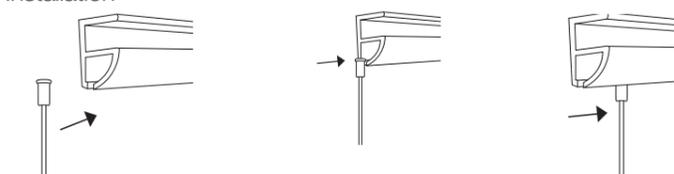
# End Stop

- 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 in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers



### Installation

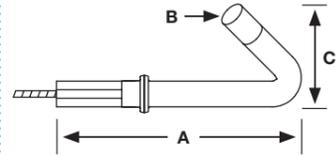


Install fixings in accordance with manufacturer's specifications.

# Cladding Hook

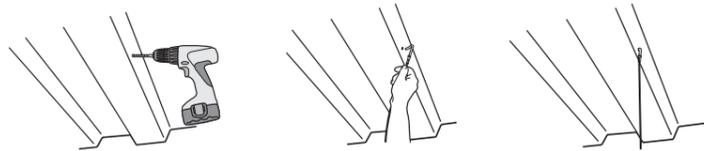
- Designed to fit 6 mm holes
- Suitable for every grade of steel
- Creates a secure hanger
- Available for use with No.2 hanger only with up to 5:1 safety factor
- Safe working load may vary dependent on the thickness of steel to which it is attached
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers



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

### Installation

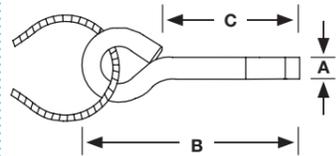
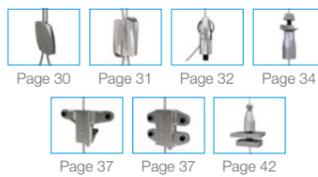


Install fixings in accordance with manufacturer's specifications.

# Ring Anchor

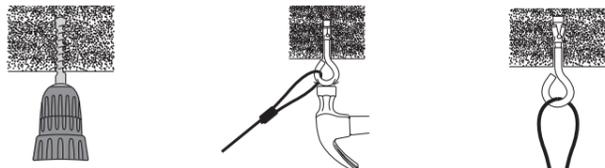
- Ideal for fixing into non-cracked and cracked concrete
- Shallow anchorage depth of 25 mm
- Available up to 55 kg SWL with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m (other lengths available on request)
- Other lengths are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

### Available Hangers



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

### Installation

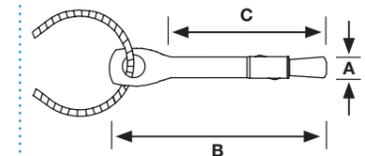


Install fixings in accordance with manufacturer's specifications.

# Ceiling Anchor

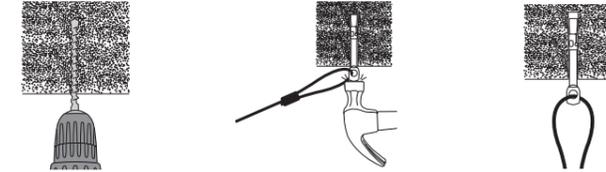
- Ideal for fixing Gripple hangers into concrete
- Knock into a pre-drilled hole, pull with a claw hammer to set
- Available up to 45 kg SWL with a 3:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers



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

### Installation

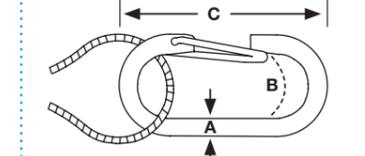
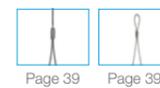


Install fixings in accordance with manufacturer's specifications.

# Link Hook

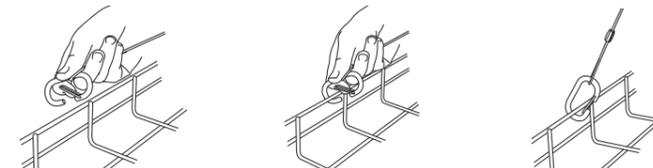
- Ideal for use with cable tray
- Available up to 45 kg SWL with a 4:1 safety factor
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m (other lengths available on request)
- The Link Hook end fixing is only available as an option with No. 1 kits (it can also be used with Y-Fit No. 2 kits)

### Available Hangers



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

### Installation

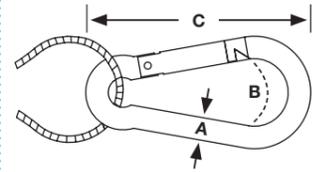


Install fixings in accordance with manufacturer's specifications.

# 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 available on request)
- Available in stainless steel

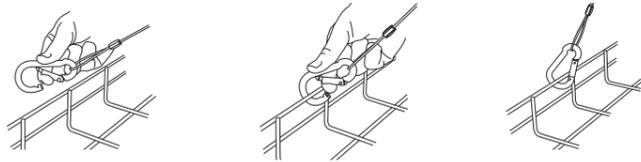
## Available Hangers



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

Install fixings in accordance with manufacturer's specifications.

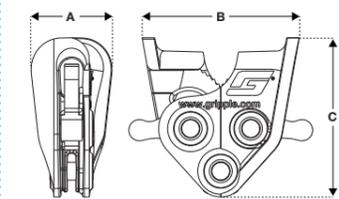
## Installation



# 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
- 3mm version up to 15 kg SWL and 6 mm version up to 55 kg 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 available on request)

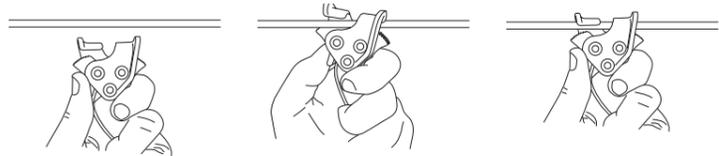
## Available Hangers



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.

## Installation



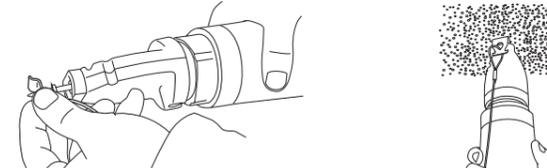
# Shot Fire

- 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 different nail lengths, in conjunction with No. 1 wire products only\*\*
- Available in lengths from 1 to 10 m (other lengths available on request)

## Available Hangers



## Installation



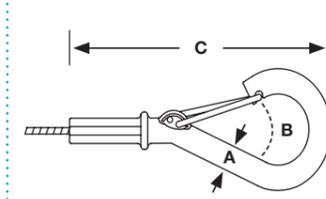
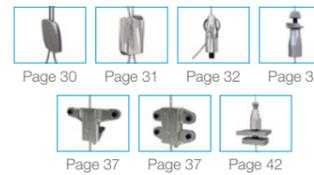
Nail Length (mm)	Tool Required
16*	DX 351 or DX2
22	DX 351 or DX2
27	DX 351 or DX2
N/A Requires B3 MX Cartridges	BX 3-ME

\*16mm nail only suitable for steel  
For use with Hilti Direct Fastening tools.  
Install fixings in accordance with manufacturer's specifications.  
\*\*Refer to Hilti for specific safe working loads

# 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 available on request)

## Available Hangers



## Installation



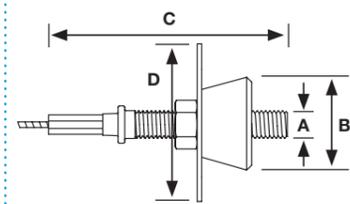
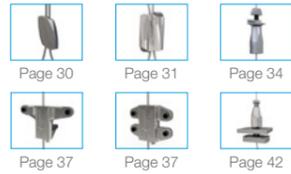
Size	A (mm)	B (mm)	C (mm)
No. 1	6.3	7	75
No. 2	6.3	7	75
No. 3	6.3	7	75

Install fixings in accordance with manufacturer's specifications.

# 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 with a 5:1 safety factor
- 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 in lengths of 1 m - 10 m (other lengths available on request)

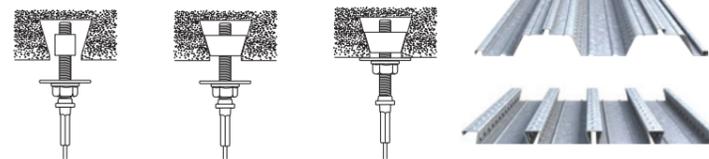
### Available Hangers



### 25 mm Wedge

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

### Installation



### 18 mm Wedge

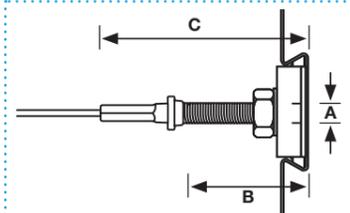
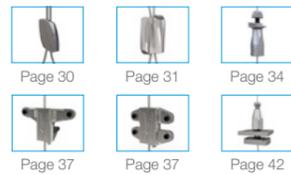
Size	A (Ø)	B (mm)	C (mm)	D (mm)
No. 2	M8	18	70	40

Install fixings in accordance with manufacturer's specifications.

# Alphawedge

- Designed for use with Ribdeck E60
- Adjustable and removable, no need for drilling specialist tools or skills
- Available up to 90 kg SWL 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 available on request)

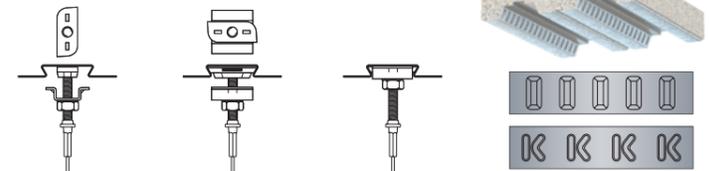
### Available Hangers



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

Install fixings in accordance with manufacturer's specifications.

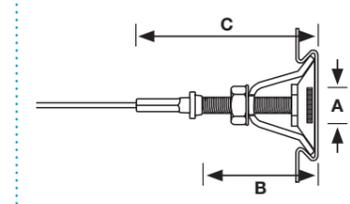
### Installation



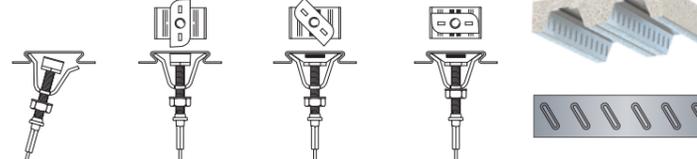
# Multiwedge 2

- 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 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 available on request)

### Available Hangers



### Installation



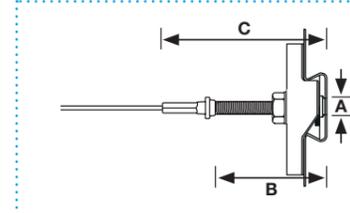
Size	A (Ø)	B (mm)	C (mm)
No. 2	M8	45	70
No. 3	M8	45	70

Install fixings in accordance with manufacturer's specifications.

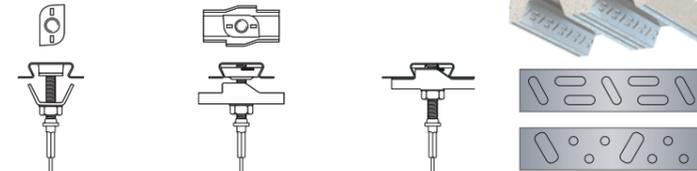
# TR60 Wedge

- Designed for use with Structural Metal Decks TR60+ and TR80+
- Adjustable and removable, no need for drilling, specialist tools or skills
- Available up to 90 kg SWL 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 available on request)

### Available Hangers



### Installation



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

Install fixings in accordance with manufacturer's specifications.

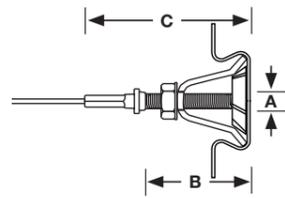
# MF Wedge

- Ideal for fixing into Metfloor® 60 and 80 profiles manufactured by Composite Metal Flooring
- The only fixing recommended by the decking manufacturer
- Load rated at 90 kg SWL 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 available on request)

### Available Hangers

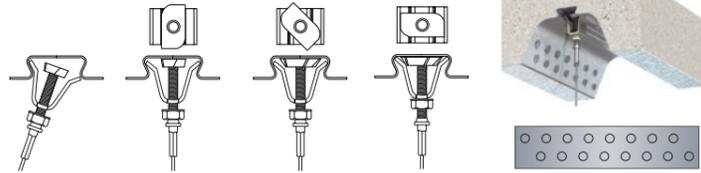


Page 30 Page 31 Page 34 Page 36  
Page 37 Page 37 Page 42



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

### Installation

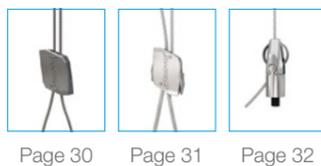


Install fixings in accordance with manufacturer's specifications.

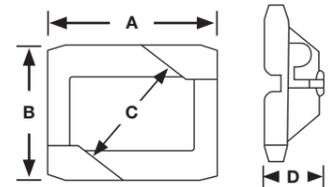
# Twist Clip (White)

- Designed for use on 24 mm T-Bar grid ceilings
- Quicker manufacture and installation times
- Ideal for use with the Angel range
- Quick and easy to install – no tools required
- Visually discreet and lightweight
- Can be retrofitted
- Will not cause damage to the T-Bar grid
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available for use with No.1 hanger with up to 5:1 safety factor\*
- Available in lengths of 1 m - 10 m (other lengths available on request)

### Available Hangers

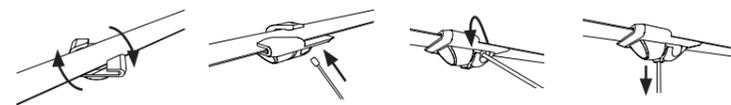


Page 30 Page 31 Page 32



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

### Installation



Install fixings in accordance with manufacturer's specifications.  
\*Dependent on strength of grid ceiling

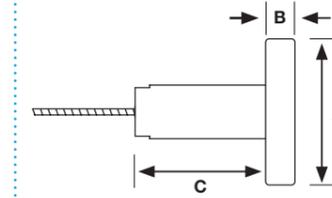
# Magnetic Pad

- Ideal for hanging signage and fixing services to magnetic metal surfaces
- Available for use with No.1 hanger only, up to 8 kg (further technical data available on request)
- Load capacity is affected by the metal thickness and surface condition (painted finish), further technical data available on request
- Not for use on aluminium, brass or non-magnetic products
- Comes as a ready-to-use kit with Gripple wire rope and hanger
- Available in lengths of 1 m - 10 m (other lengths available on request)

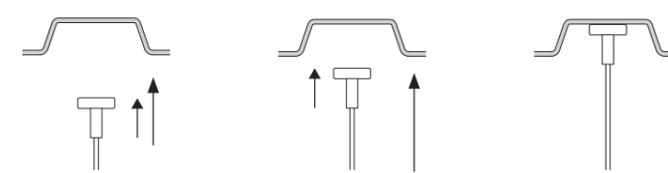
### Available Hangers



Page 30 Page 31 Page 32



### Installation



Install fixings in accordance with manufacturer's specifications.

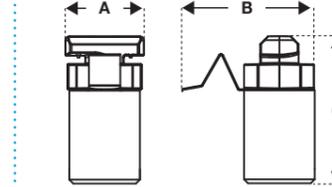
# QT Barrel

- Fast, quarter turn attachment to Gripple Brackets
- Allows for suspension of services from pre-installed header rails or to provide multi-tier suspension from Gripple Universal Brackets
- Fail safe clip to secure into bracket - prevents unexpected movement
- Available for use with No. 1, No. 2 and No. 3 hangers
- Load rated up to 90 kg SWL with a 5:1 safety factor
- Supplied as a kit with wire and Gripple Hanger
- Available in lengths of 1 m - 10 m (other lengths available on request)

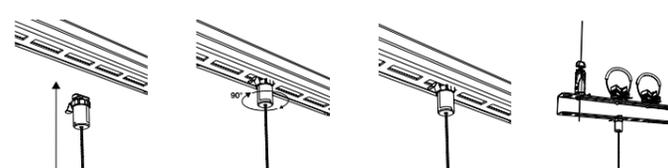
### Available Hangers



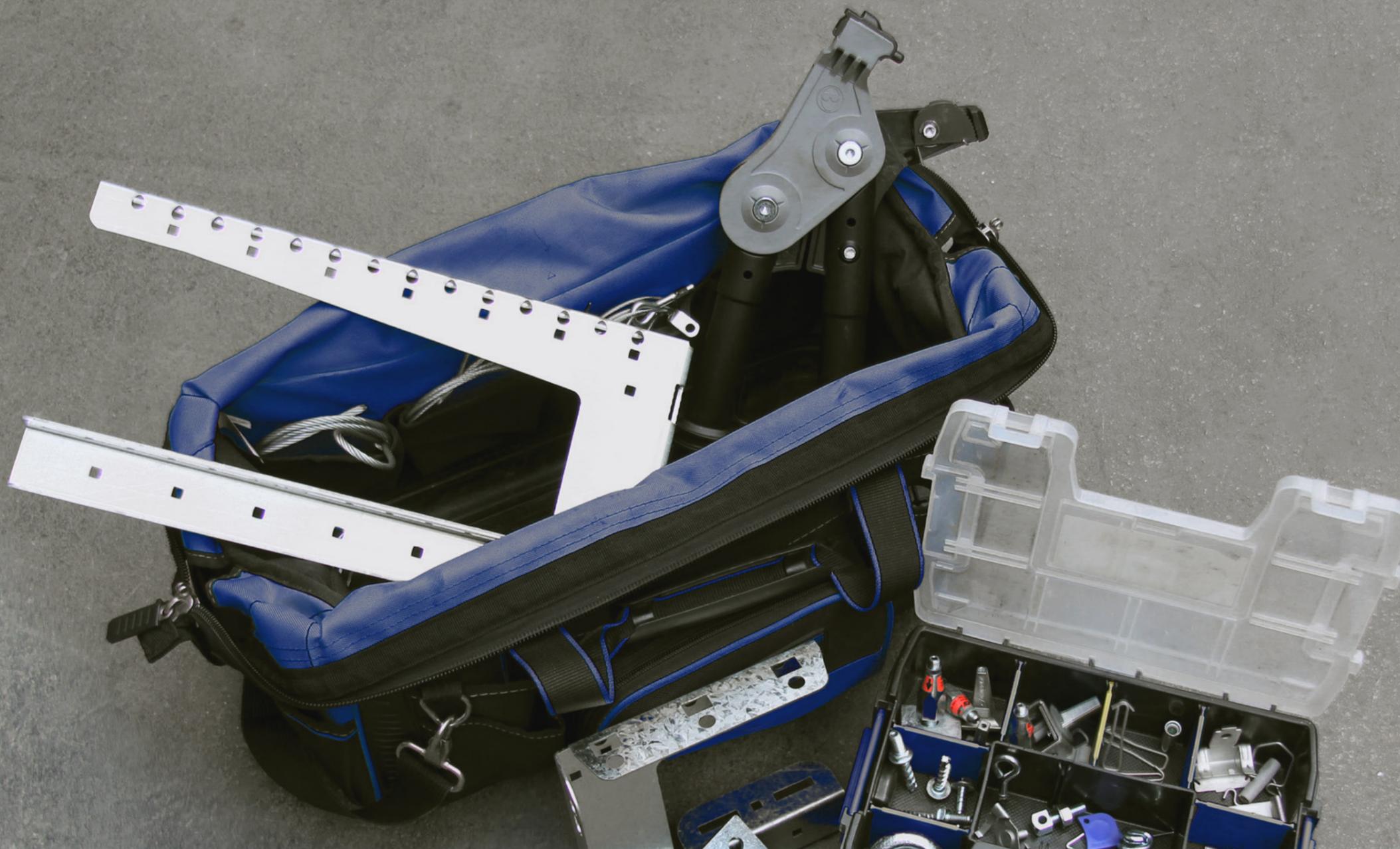
Page 30 Page 31 Page 32



### Installation



Install fixings in accordance with manufacturer's specifications.



## Accessories

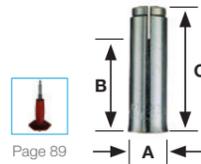
Anchoring Solutions	page 80
Brackets and Attachments	page 82
Adaptors	page 84
Beams and Purlins	page 86
UniGrip & Hanger Accessories	page 87
Gripple Accessories	page 88
Tools & Finishing Accessories	page 89

# Anchoring Solutions



## Drop-In Anchor

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

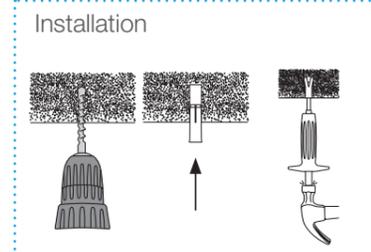


Page 89

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

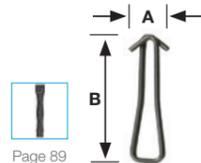
Product code	A (Ø) (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Anchorage depth* (mm)	Quantity
DPA-M6	M6	13	25	140	8	27	25	10
DPA-M8	M8	12	30	185	10	33	30	10
DPA-M10	M10	15	40	290	12	43	40	10

\*For further information contact Gripple Technical Services



## Concrete Wire Anchor

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

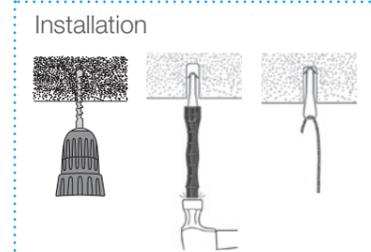


Page 89

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

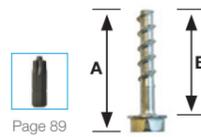
Product code	A (mm)	B (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
WIRE-ANCHOR	15.3	50	45	8	45	25	100

\*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 68)
- Removable

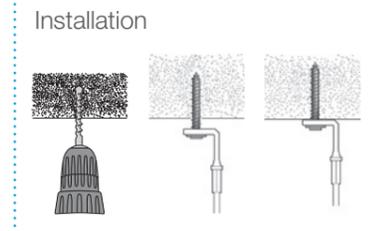


Page 89

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

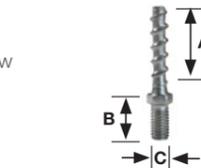
Product code	A (mm)	B (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CS40	47	40	170	6	45	25	100

\*For further information contact Gripple Technical Services



## Barrel Concrete Screw

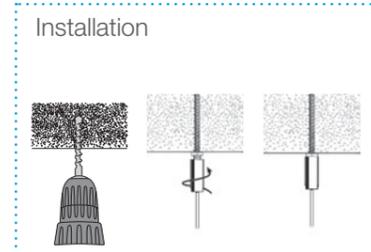
- Suitable for cracked and non-cracked concrete, precast hollow concrete and hard natural stone
- Easy-fit screw with integrated male thread connection
- Ideal for use with the M8 Barrel End Fixing (page 67)
- Removable



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

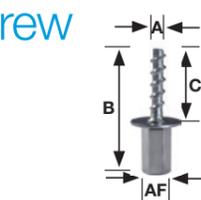
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
BCS35-M8	35	16	M8	170	6	40	25	100

\*For further information contact Gripple Technical Services



## Stud Cracked Concrete Screw

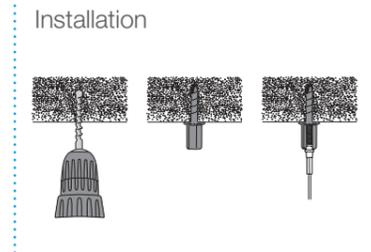
- Suitable for cracked and non-cracked concrete
- Dual M8/M10 internal thread
- Ideal for use with the Stud End Fixing (page 64)
- Removable



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	63	36	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 64)

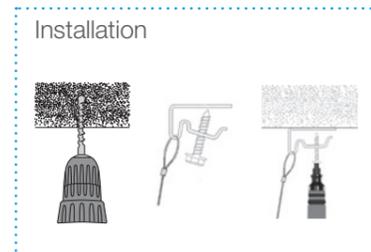


Page 89

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

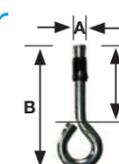
Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CLIP-CCS40	15	32	40	13	170	6	40	35	10

\*For further information contact Gripple Technical Services



## Cracked Concrete Ring Anchor

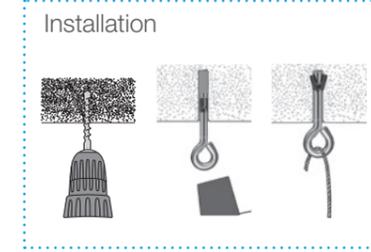
- Suitable for cracked and non-cracked concrete
- Self-expanding anchor
- ETA approved



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

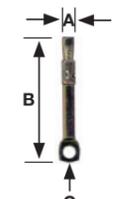
Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CCRA6	6	54	31	57	6	35	25	100

\*For further information contact Gripple Technical Services



## Concrete Ceiling Anchor

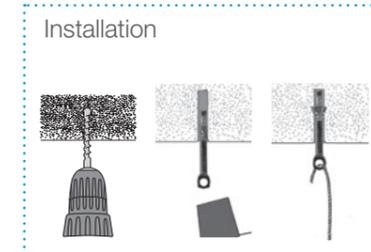
- Suitable for non-cracked concrete and hard natural stone
- Knock into a pre-drilled hole and pull with a claw hammer to set
- Ideal for use with the Standard Hanger (page 30)



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

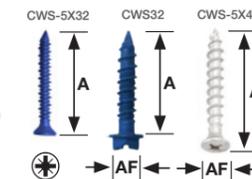
Product code	A (mm)	B (mm)	C Ø (mm)	Max. SWL (kg)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CWH6	6	80	6.2	45	43	25	100

\*For further information contact Gripple Technical Services



## Concrete Wood Screws

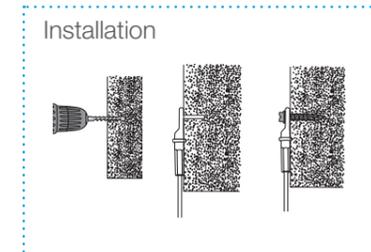
- Easy-fit screw suitable for wood, non-cracked concrete, precast hollow concrete and hard natural stone
- Ideal for use with the range of 90° Eyelet End Fixings (page 68)
- Removable



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

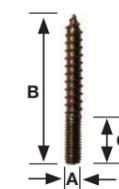
Product code	A (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Min. Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CWS-5X32	32	-	100	4	35	25	100
CWS32	32	8	100	5	35	25	100
CWS-5X40	40	8.3	100	4	43	35	100

\*For further information contact Gripple Technical Services



## Barrel Wood Screw

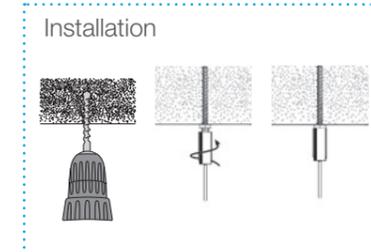
- Easy-fit wood screw with integrated M6 thread connection
- Ideal for use with the M6 Barrel End Fixing (page 67)
- M8 Barrel Wood Screw available on request\*



Safety factor – load rating is dependant on base material

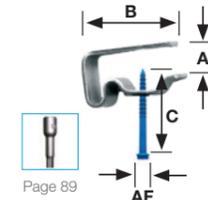
Product code	A (Ø) (mm)	B (mm)	C (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
BWS35-M6	M6	50	20	N/A	4.5	40	35	100

\*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 64)

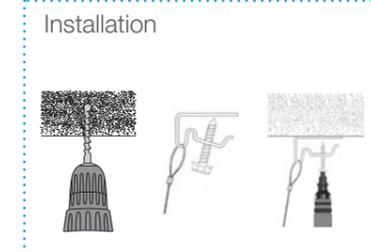


Page 89

Safety factor – load rating is dependant on base material

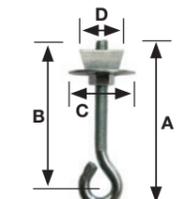
Product code	A (mm)	B (mm)	C (mm)	AF (mm)	Max. SWL (kg)	Hole Ø (mm)	Hole depth* (mm)	Min. Anchorage depth* (mm)	Quantity
CLIP-CWS32	15	32	32	8	N/A	5	40	25	10

\*For further information contact Gripple Technical Services



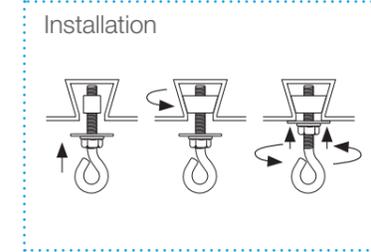
## M8 Decking Adaptors

- Ideal for use with the Y-Fit and Y-Fit Accessory (page 39)
- M8 thread with 12 mm diameter eye
- Can be combined with other decking fixings: Alphawedge, MF Wedge, Multiwedge 2 and TR60 (page 74 - 76)



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

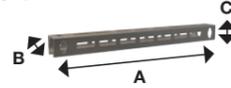


# Brackets & Attachments

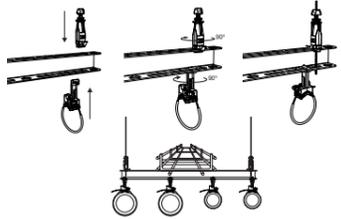


## Universal Bracket

- 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 170 mm - 1470 mm



### Installation



3:1 safety factor

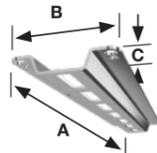
Product code	A (mm)	B (mm)	C (mm)	Max. Bracket Load (kg)	Quantity
UB-170	235	41.5	41.5	200	10
< Available in 100 mm increments >					
UB-1470	1535	41.5	41.5	175	10

For full submittal information please contact Gripple Technical Services.

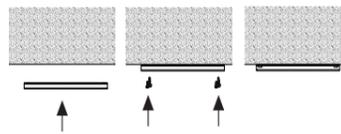


## Low Profile Bracket

- 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



### Installation

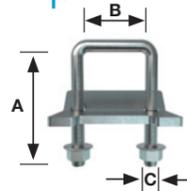


3:1 safety factor

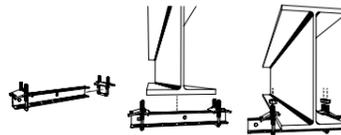
Product code	A (mm)	B (mm)	C (mm)	Max. Bracket Load (kg)	Quantity
LPB180	180	78	14	150	10
LPB250	250	78	14	150	10
< Available in 100 mm increments >					
LPB1550	1550	78	14	150	10

## Universal Bracket Beam Clamp

- Allows brackets to be fixed directly to beams for pipe runs close to the deck
- Suitable for a wide range of flange sizes (up to 40 mm)
- Quick and easy installation
- Compatible with all Gripple Universal Brackets (page 53)



### Installation

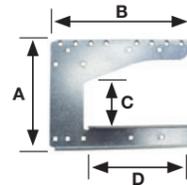


Product code	A (mm)	B (mm)	C (Ø)	Quantity
PB-BEAM-CLAMP	83	45	M10	10

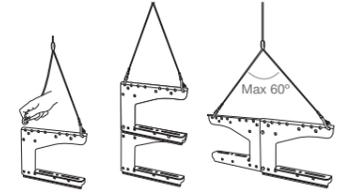


## G-Bracket

- 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 39)
- Fire rated



### Installation

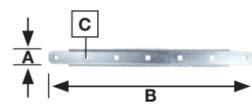


3:1 safety factor

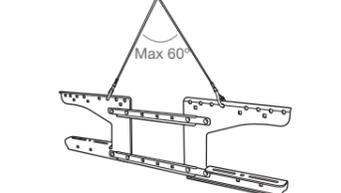
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
G-BRACKET-100	200	188	110	125	60	10
G-BRACKET-200	200	263	110	200	60	10
G-BRACKET-300	202	389	110	325	60	10
G-BRACKET-400	202	489	100	425	60	10

## G-Spacer

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



### Installation

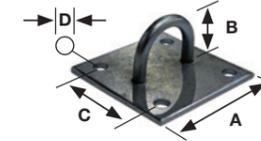


5:1 safety factor

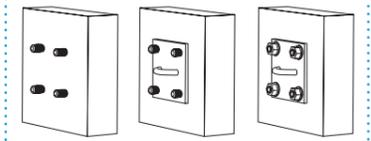
Product code	A (mm)	B (mm)	C (mm)	Quantity
G-BRACKET-SPACER	26	325	7x7	10

## 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)



### Installation

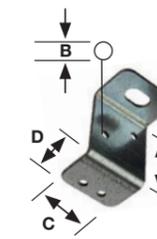


3:1 safety factor

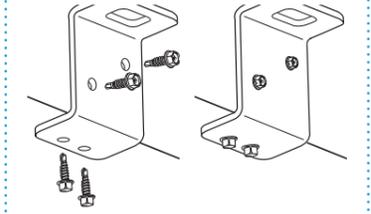
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
CAT-BRACKET-100MM	100	45	65	11	340	10

## Trapeze Bracket

- Easily attached to rectangular ducting
- Replaces the need for threaded rod or channel support
- Rigid 2 mm steel thickness with galvanised finish
- Conforms to DW/144 best practice
- Use with UniGrip No. 2 and No. 3 (page 34)



### Installation

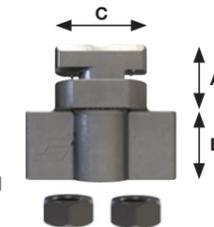


3:1 safety factor

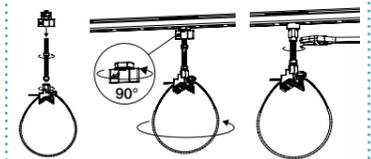
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
TPZ-BRACKET	48	5.0	38.5	25.5	90	10

## QT Accessory

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



### Installation

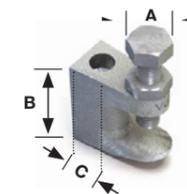


3:1 safety factor

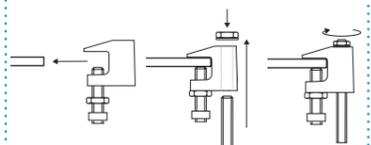
Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GC2-QT-M8	48	5.0	38.5	25.5	90	10

## Beam Clamp

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



### Installation



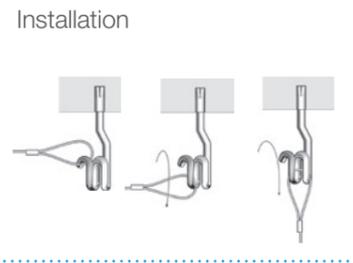
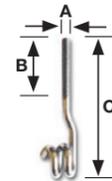
4:1 safety factor

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 64)
- Ideal for use with the Drop-In Anchor (page 80)
- Allows Loop to be removed for maintenance

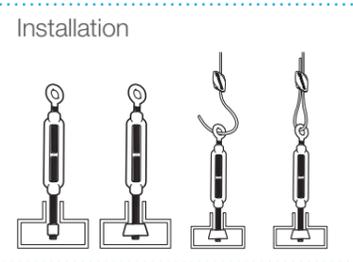
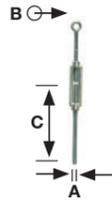


5:1 safety factor – dependent on base material

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 30)

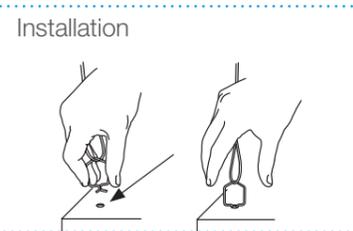
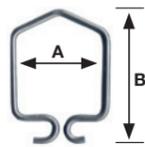


5:1 safety factor – dependent on material

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 30)

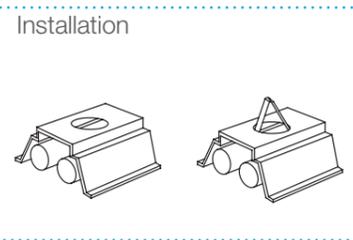
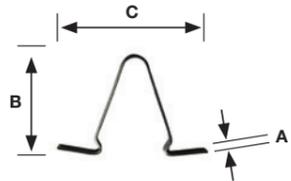


3:1 safety factor – dependent on material thickness

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

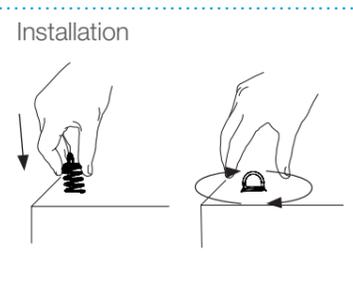
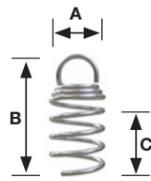


3:1 safety factor

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

## Acoustic Spring Anchor

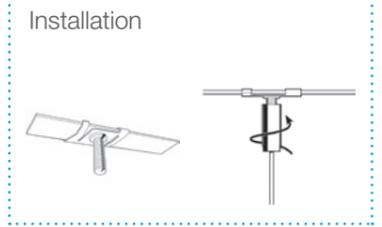
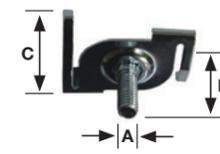
- Ideal for use with the Standard Hanger, Angel Hook or Express
- Available in standard (38 mm) and large size (75 mm) with 2 mm wire diameter
- No tools required for installation
- Sold as part of a kit
- Maximum load ratings will vary



Product code	A (mm)	B (mm)	C (mm)	Kit Quantity
SPG-ANC-AC-38MM-45D	17	47	28	200
SPG-ANC-AC-75MM	27	97	72	200

## T-Bar Twist Clip

- Ideal for attaching to suspended ceilings
- Integral M6 thread
- Ideal for use with the Barrel End Fixing (page 67)
- Suitable for 25 mm T-Bar

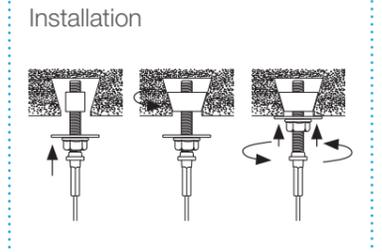
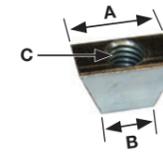


5:1 safety factor

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

## Wedge Nuts

- Ideal for use with the Stud End Fixing (page 64)
- Also supplied as a Decking Wedge End Fixing (page 74)
- Available in 18 mm and 25 mm sizes

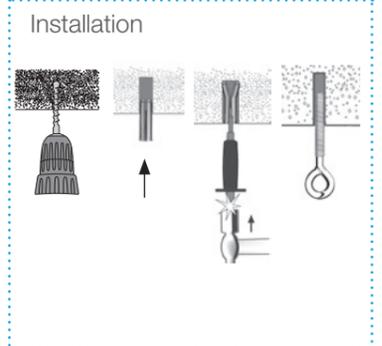
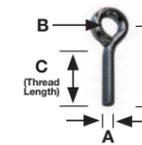


Safe working load dependent on hanger and decking type

Product code	A	B (mm)	C (Ø)	Quantity
WEDGE8-25	25	18	M8	10
WEDGE8-18	18	10	M8	10

## Eyebolt

- Closed-eyes for ultimate strength
- Ideal for suspending services with Standard Hanger (page 30)
- Available fully threaded or partially threaded

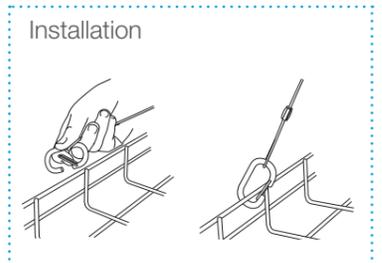
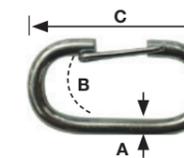


5:1 safety factor

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 39)

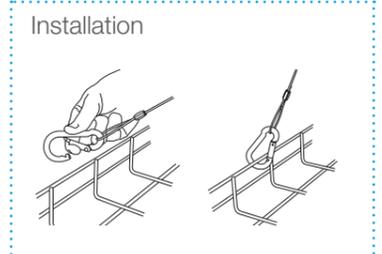
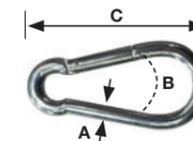


4:1 safety factor

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

## Karabiner

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



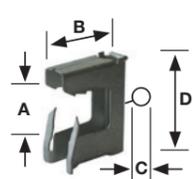
5:1 safety factor

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

# Beams & Purlins

## Tiger Clip

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

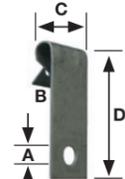


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
TIGERCLIP-28	2-8	30	6.6	30	40.8	100
TIGERCLIP-816	8-16	32	6.6	38	40.8	100

## Vertical Flange Clip

- Hammer-on installation
- Two sizes available to suit 1 mm - 5 mm and 5 mm - 7 mm flange thickness
- Ideal for use with the Snap Hook End Fixing (page 73)

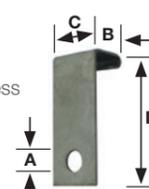


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GCVF15	6.5	1-5	19	39	24.5	100
GCVF57	6.5	5-7	19	40	24.5	100

## Purlin Clip

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

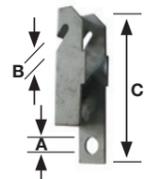


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
GCP45	6.5	15	19	45	6.8	100

## Z Purlin Clip

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

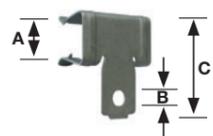


3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCZP48	6.5	2.5	48	16.3	100

## Beam Clip

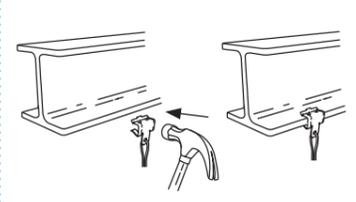
- Hammer-on installation
- Accommodates a wide variety of flange thicknesses
- Ideal for use with the Snap Hook End Fixing (page 73)



3:1 safety factor

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
GCB24	2-4	6.5	27	15.3	100
GCB48	4-8	6.5	39	32.3	100
GCB814	8-14	6.5	41	32.3	100
GGB1420	14-20	6.5	47	32.3	100

### Installation



## GF Bracket

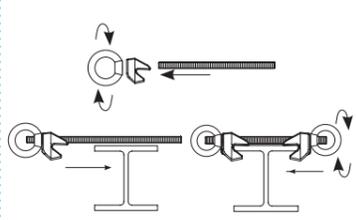
- Designed for clamping onto an I-Beam section
- Suitable from 6 mm - 30 mm flange thicknesses
- Use with M12 threaded rod (not supplied)
- Ideal for use with Catenary Kits (page 40)



5:1 safety factor

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

### Installation



## M6 & M8 Adaptor

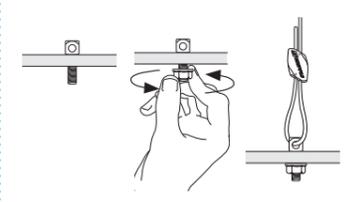
- Ideal for fixings to many services such as luminaires
- Can be fixed into concrete using the Drop-In Anchors (page 80)
- Supplied with nut



5:1 safety factor - dependent on material

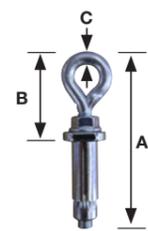
Product code	A (Ø)	B (mm)	C (mm)	D (mm)	Max. SWL (kg)	Quantity
ADP-M6	M6	3.5	20	28	90	10
ADP-M8	M8	5.5	25	37	225	10

### Installation



## Catenary Steel Anchor

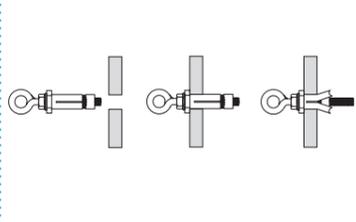
- Designed for blind fixing where only one side of beam is accessible
- Accommodates wide range of steel thickness (3 - 22 mm)
- Fast install into a 14 mm hole with 13 mm and 19 mm spanners
- Ideal for use with Catenary Kits (page 40)



5:1 safety factor - dependent on material

Product code	A (mm)	B (mm)	C (mm)	Max. SWL (kg)	Quantity
CAT-STEEL-ANCHOR	96	46	7	325	10

### Installation



# UniGrip & Hanger Accessories

## Standard No. 2 & 3

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



## Central Exit No. 2, 3 & 4

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



## QT No. 2

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



## Butterfly Trapeze

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



## Duct Trapeze

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



# Gripple Accessories

## Conduit Clamp

Quarter turn attachment to Fast Trak & Universal Bracket systems 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.

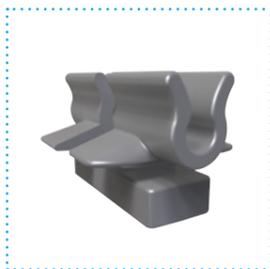
- Gate 'lock off' can be re-opened to add additional cables
- High performance, wide base wire form design
- Fast connection onto the Fast Trak track
- 50 mm diameter; can also be used for VRF/condensate pipes



## CB Clip

For quick fastening of cable basket to Fast Trak & Universal Bracket systems.

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



## CT Clip

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

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



## Vibration Dampener

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

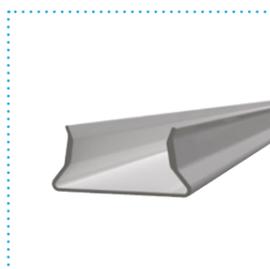
- Vibration reduction across a wide range of frequencies
- Prevents slipping of ductwork
- Made of rubber, no tools required
- Installs in seconds



## Bracket Cover

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

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



# Tools & Finishing Accessories

## Track Protector

- An end cap designed for protruding tracks to reduce the risk of injury
- Available in two different sizes



## End Cap

- An end cap designed to push fit into the sides of Gripple Universal Brackets for aesthetic or health and safety purposes



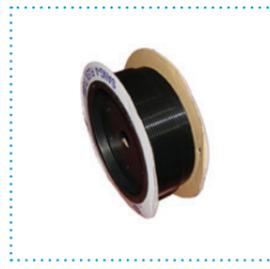
## Drop-In Anchor Punch

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



## Protective Sleeving

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



## Driver Bit

- For use with a power driver
- Torx head to fit Concrete Screw or Cracked Concrete Screw (page 94)



## Wire Anchor Installation Tool

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



## Fixing Tool for Ceiling Clip Wood

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



## Wire Cutters

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



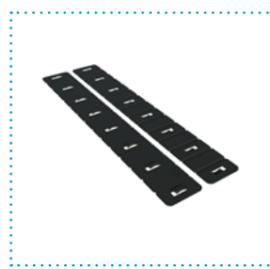
## Tensioning Tool

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



## Spreader Band

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



## Corner Saddle

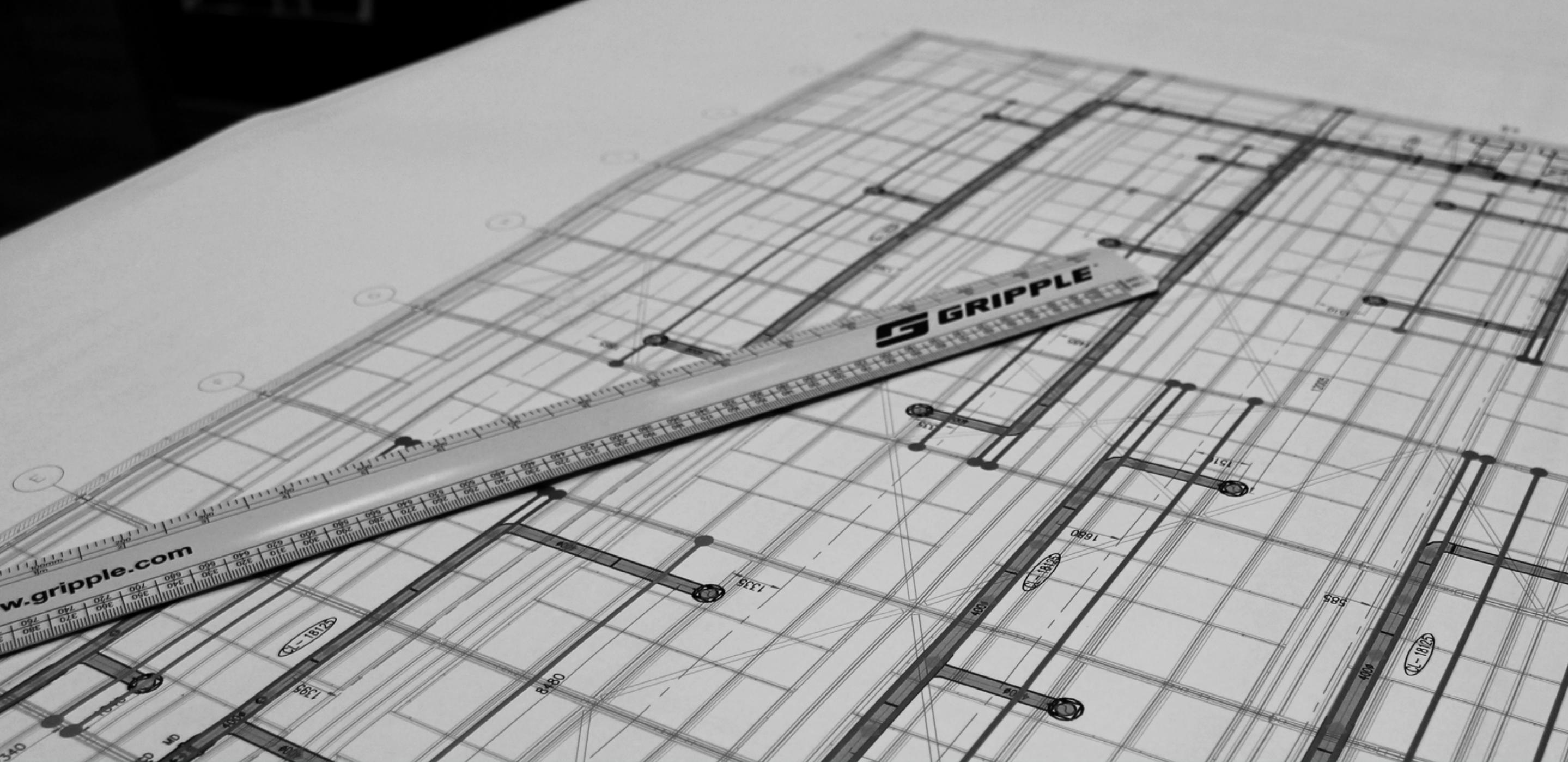
- Ideal for use with phenolic ductwork
- Also available with magnetic fixing for steel
- Use with wire rope up to 3 mm



## Twister

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





## Technical

Technical Services	page	92
Hanging At Angles	page	96
Wire Rope Construction & Cross Sections	page	98
Nominal Ductwork Weights	page	99
Pipe Support Spacing	page	100
Key Recommendations	page	101

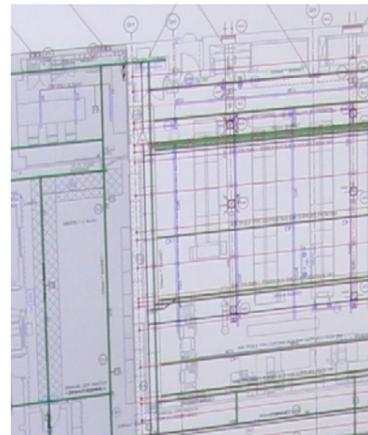
# Technical Services



**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.

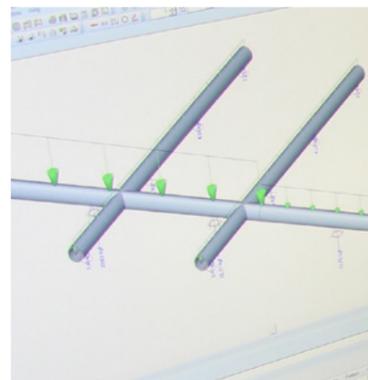
## Installation Design

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 analysis to determine both final catenary sag and more importantly, anchor point loading. This ensures that all catenary systems installed meet the requirements of the structural engineer.



## BIM

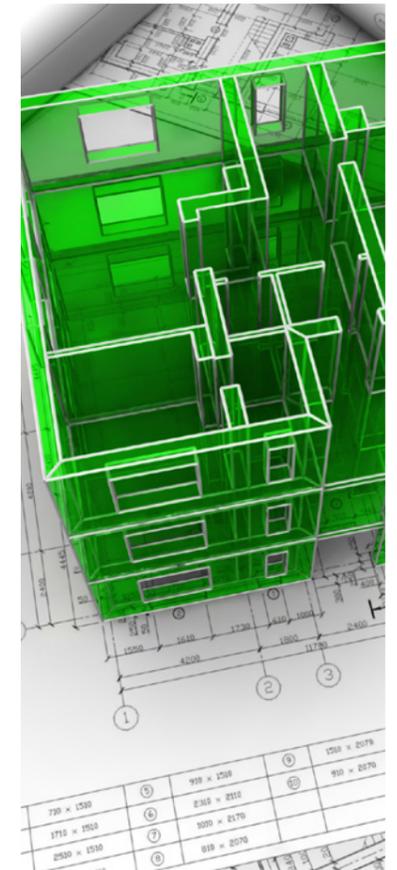
Building Information Modelling (BIM) is a mandatory requirement for centrally procured government projects in the UK. This highly collaborative approach of working is rapidly becoming the preferred method for carrying out progressive private sector projects.

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

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

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

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



## ISO 19650-2

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

## Embodied CO<sub>2</sub> Assessments

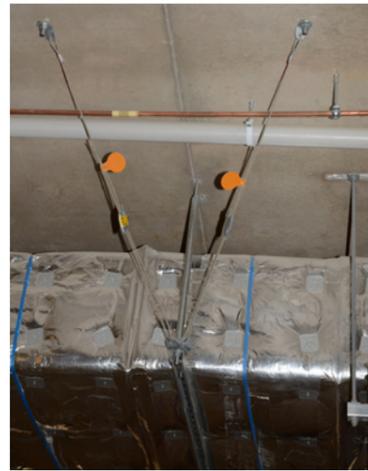
Gripple Ltd. recognises that today's buildings need to be designed to the highest environmental standards. In order to facilitate this, Gripple Technical Services is able to provide supporting evidence and environmental impact reports to present accurate CO2 savings on a project-by-project basis generated by the use of Gripple systems. Contact our technical team for more details.



# Seismic Bracing & Blast Protection Systems

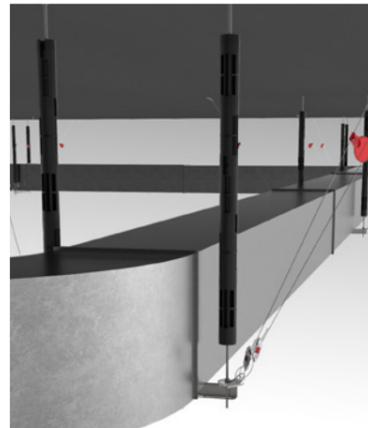
Gripple Ltd. is a leading provider of seismic bracing and blast protection systems.

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

Gripple is an expert designer and manufacturer of suspension solutions for mechanical and electrical services, modules, lighting, acoustics and signage. Gripple's core building services seminar can be seen on our website, and this content can be adapted to meet your specific requirements.

Gripple's CIBSE-approved CPD seminars tend to take place at a premises of your choosing, where Gripple can provide a complimentary lunch to make full use of your time. The seminars tend to be around an hour in length, and CPD certificates can be made available to all attendees on request.

For more information, please visit our website.



# On-site Support

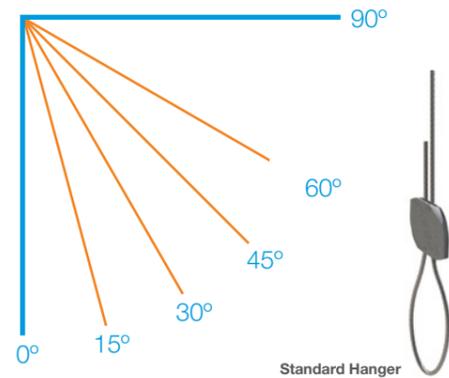
Pre-commencement site surveys, on-site pull testing to verify substrate suitability, progress reports and completion certificates can all be requested from Gripple Technical Services. Toolbox talks are also available on a range of Gripple products and time saving installation methods.



# 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



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

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

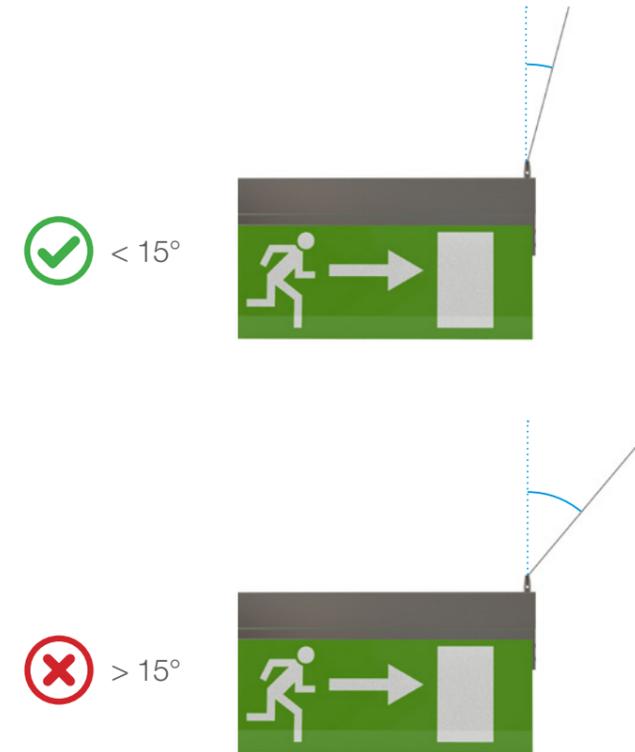
Hanging at angles doesn't relate to seismic bracing.

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



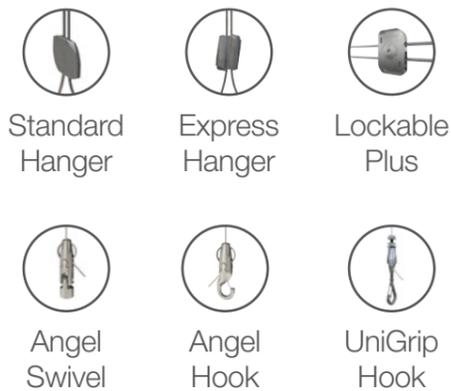
# Off-Axis Suspension

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

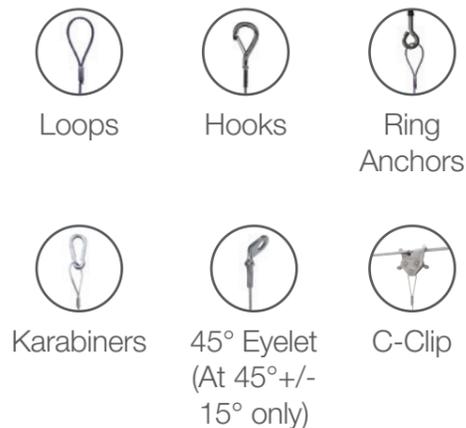


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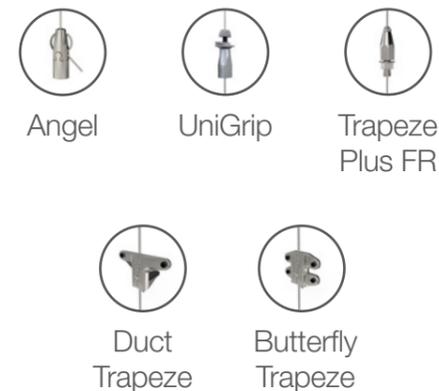
Products that can be used:



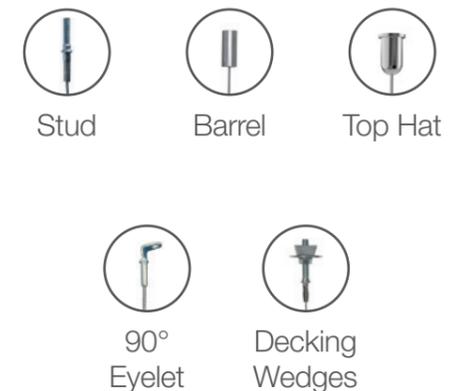
End fixings that can be used:



The following products can only be installed at <15°



The following end fixings can only be installed at <15°



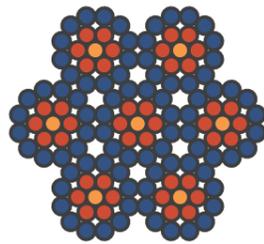
# Wire Rope Construction & Cross Sections

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

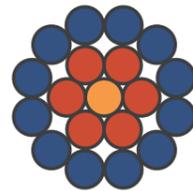
Wire rope size	Diameter (mm)	Construction
No. 1	1.5	7 x 7 or 1 x 19
No. 2	2	7 x 7 or 1 x 19
No. 3	3	7 x 7 or 1 x 19
No. 4	4.75	7 x 19
No. 5	6	7 x 19



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	-	-	-	-	-	-	-	-	.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.

Document Issue No. 5 June 2022

# 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, Gripple Inc., Gripple Japan, Gripple Poland, Gripple India, Gripple Germany, any regional Gripple office, or via the website ([www.gripple.com](http://www.gripple.com)). These Key Recommendations may be amended from time to time; please view the Key Recommendations page on the Gripple website ([www.gripple.com](http://www.gripple.com)) for the most up-to-date information.

Please adhere to the following usage recommendations:

- 
**Loads**  
 Always operate the product within its stated safe working load range. Suspend static loads only. Do not subject to shock loading. Do not adjust under load.
- 
**Hanging at an angle to vertical**  
 Ensure that the load calculation considers the effect of 'side load'. For example, at an angle of 60° to vertical the SWL is effectively reduced by 50%.
- 
**Ducting**  
 When installing included angle teardrop hangers on round/spiral ducting or pipes, the final included angle of the assembly should not exceed 60°.
- 
**Y-Fit**  
 Legs on Y-Fit not to be installed greater than 60°.
- 
**Environment**  
 Do not use in chlorinated or chemically corrosive atmospheres. Standard hangers are for use in dry and air conditioned environments only. Stainless steel hangers should be considered for high to saturated humid environments after validation by a competent person.
- 
**Swimming Pools**  
 Not suitable for swimming pools.
- 
**Joining**  
 Never join two ends together in-line.
- 
**Traceability**  
 Always use the Gripple hanger with the specified wire rope supplied by Gripple. Gripple products should only be used with products supplied by Gripple Ltd., and the warranty will not apply if our products are used with any products supplied by third parties.
- 
**Lifting**  
 Do not use for lifting, either by crane or as part of a pulley system.
- 
**Impact**  
 If there is potential for impact on the wire rope suspension or suspended services, seek advice from Gripple Ltd. Technical Services prior to installation.
- 
**Lubrication**  
 Do not apply oil or any other lubricant to the hanger or any other part of the assembly.
- 
**Wire Rope**  
 Trim any damaged filaments with the wire cutter before use.
- 
**Installation**  
 Do not walk or stand on the Gripple product installation. Gripple products must not be used for personal suspension, fall protection or harnessing people.
- 
**Painting**  
 Do not paint the hanger prior to installation. Ensure the hanger is in its final position prior to applying any paint to the wire rope assembly. Do not move the fastener after painting.
- 
**Storing**  
 Do not store the product outdoors, or in damp or abnormal conditions.
- 
**Repair, Modification and Re-use**  
 Do not repair, modify or re-use Gripple products. If you have any queries regarding product performance, please contact [TechnicalServices@gripple.com](mailto:TechnicalServices@gripple.com)

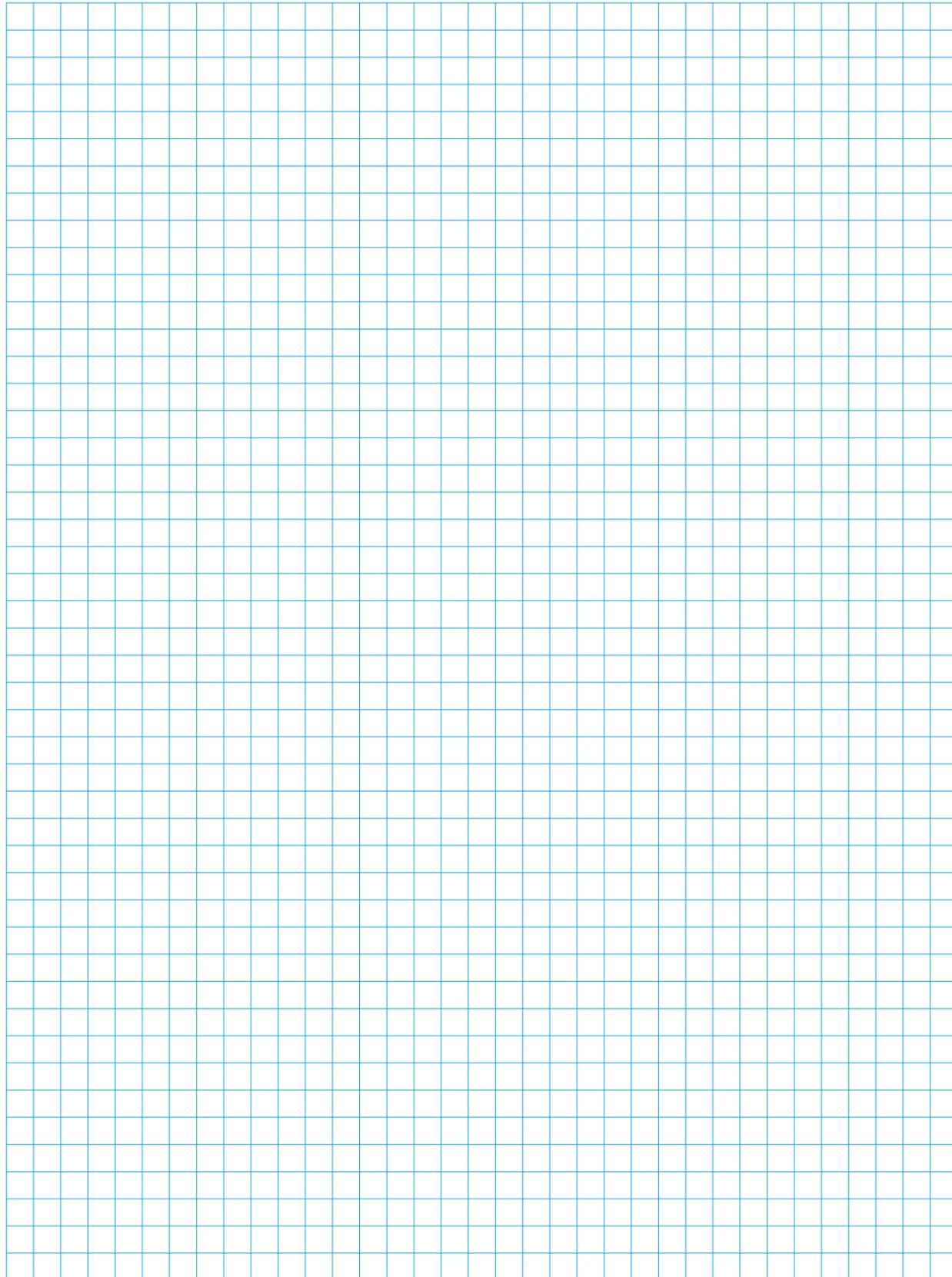
## Quality & Approvals

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

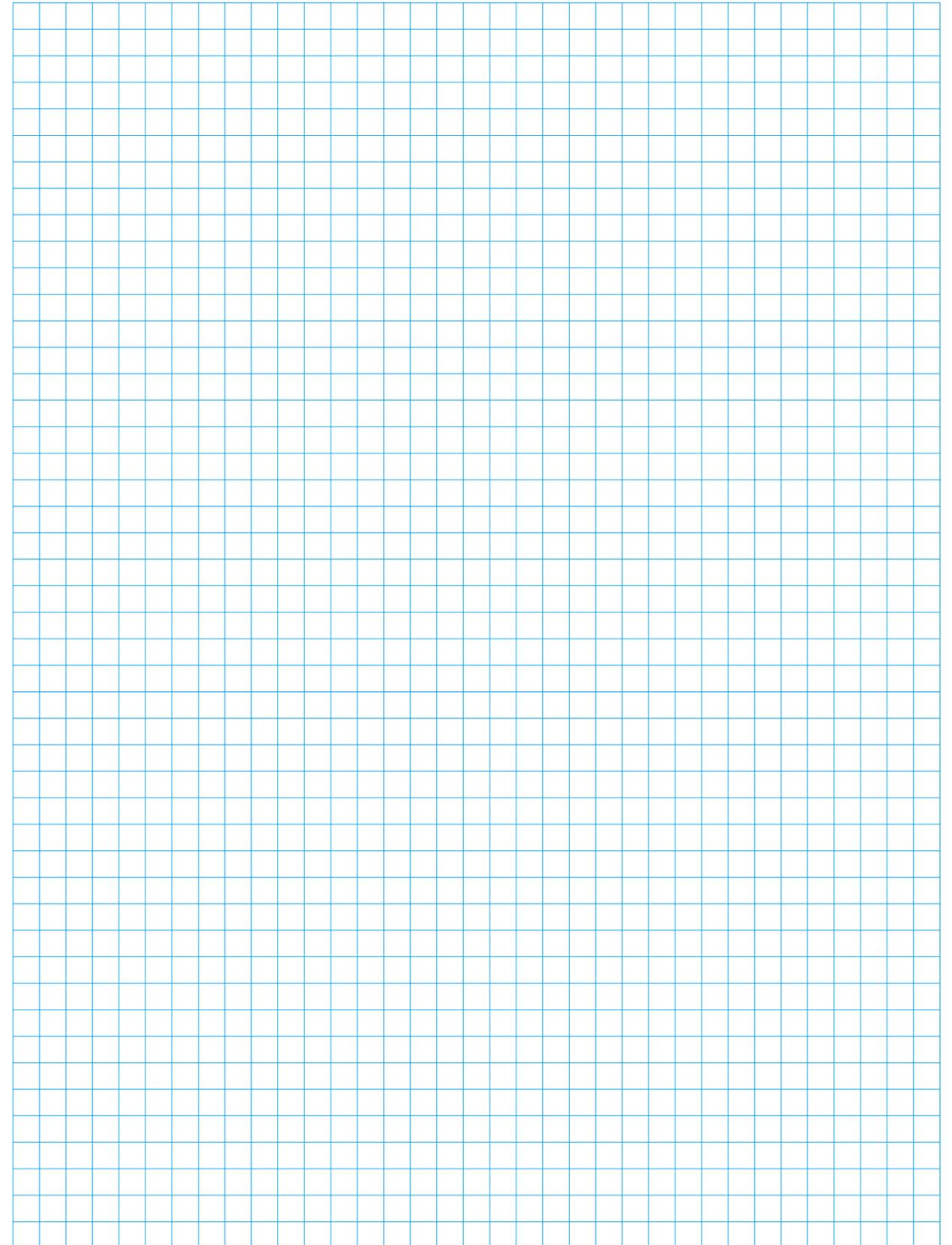


Gripple's policy is one of continuous development and innovation. We therefore reserve the right to alter specifications, etc. without notice.

# Notes



# Notes



# www.gripple.com

sales@gripple.com

## Gripple Ltd (Headquarters)

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

**T** | +44 (0) 114 275 2255

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

**E** | sales@gripple.com

### Gripple Europe SARL

1, rue du Commerce  
BP 37  
67211 Obernai Cedex  
France

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

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

**E** | frinfo@gripple.com

### Gripple Inc

1611 Emily Lane  
Aurora  
IL 60502  
USA

**T** | +1 866 474 7753

**F** | +1 800 654 0689

**E** | grippleinc@gripple.com

### Gripple India

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

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

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

**E** | ininfo@gripple.com

### Gripple Canada Inc

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

**T** | +1 905 458 8700

**E** | cainfo@gripple.com

### Gripple Japan K.K

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

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

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

**E** | japan@gripple.com

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Please refer to [www.gripple.com](http://www.gripple.com) for  
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