

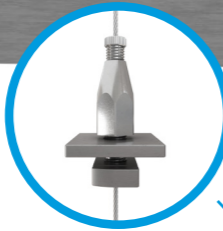
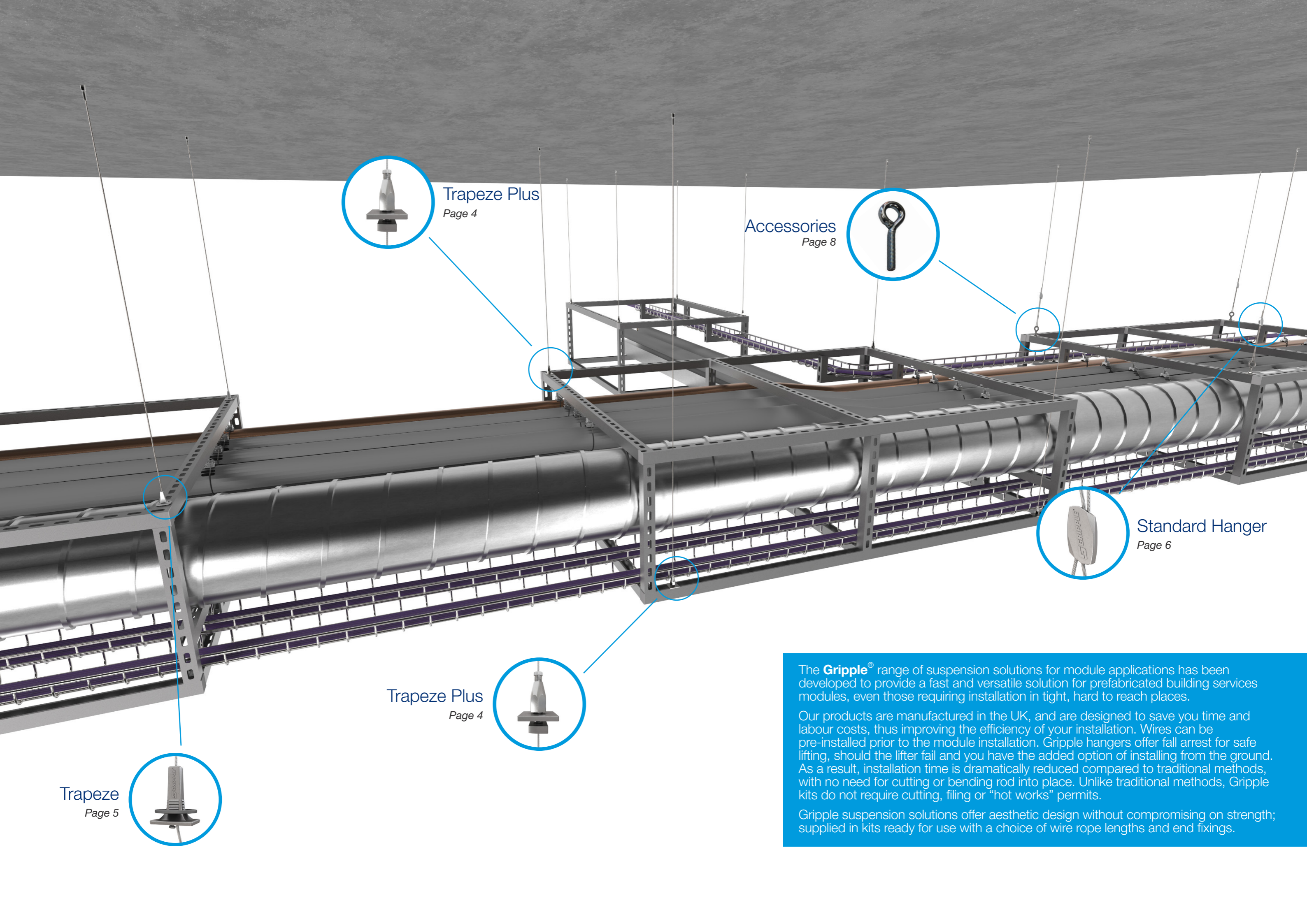


Module Solutions

For the comprehensive suspension of modules



- Ready-to-use solutions
- Easy and efficient installation
- Versatile configurations



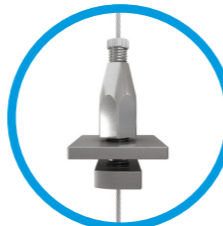
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The **Gripple**® range of suspension solutions for module applications has been developed to provide a fast and versatile solution for prefabricated building services modules, even those requiring installation in tight, hard to reach places.

Our products are manufactured in the UK, and are designed to save you time and labour costs, thus improving the efficiency of your installation. Wires can be pre-installed prior to the module installation. Gripple hangers offer fall arrest for safe lifting, should the lifter fail and you have the added option of installing from the ground. As a result, installation time is dramatically reduced compared to traditional methods, with no need for cutting or bending rod into place. Unlike traditional methods, Gripple kits do not require cutting, filing or "hot works" permits.

Gripple suspension solutions offer aesthetic design without compromising on strength; supplied in kits ready for use with a choice of wire rope lengths and end fixings.

Trapeze Plus (MTZ)

The all-steel Trapeze Plus is packed with features to make channel and module suspension even more secure and durable.

- Reduced time working at height: pre-install into channel using the washer/nut supplied
- Tool free setting
- Easy-to-use integral release button to allow finite adjustment
- Tighten the locking screw for ultimate security
- Full range of end fixings available
- Sizes available; No.2 45 kg, No.3 90 kg and No.4 225 kg with a 3:1 safety factor
- For the suspension of services where fire resistance is required the Trapeze Plus No. 3 can be supplied with stainless steel wire (product code: MTZ3SS)*

*For full details including BRE and part 20/DIN4102 Part 2. Certification please contact our technical team on 0800 0184164



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



“Less material on site and fewer deliveries reduces the CO₂ and helps the BREEAM rating”

Project Engineer, Kershaws - Flitwick Leisure Centre

Installation System Design Service

Submit your drawings and our technical team will provide bespoke product specification based on your project requirements

Trapeze (TZ)

Available in three sizes for fast and efficient module installation.

- Tapered design - accommodates all slots sizes
- Discreet - fits completely inside the channel
- Pre-fits onto channel to ease working at height
- Aesthetic design
- Sizes available; No.2 45 kg, No.3 90 kg and No.4 225 kg with a 5:1 safety factor



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



“Grippe kits not only complement the architecture of a building but are also installed quickly and efficiently”

Contracts Engineer - Weavers Triangle

End Fixings - Page 7

A wide selection of End Fixing options to suit your application requirements

Product Codes - Page 9

Standard product codes for ordering Kits and Wire Rope Hangers

Sales Enquiries

Call our friendly team on 0800 018 4264

Standard Hanger (HF)

The Standard Hanger presents an ideal solution to fulfil a variety of suspension requirements.

- Up to 6 times faster to install than traditional suspension systems
- Install with Eyebolts to allow for finite adjustment
- Simple to use
- Adjustable using key (provided with kits)
- Strong, safe and industry approved
- Load ratings up to 325 kg with a 5:1 safety factor



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



“The Gripple system is excellent in terms of cleanliness, time saving and safety”

Site Manager - Kershaw, Woodpecker Hall Primary School

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A wide selection of End Fixing options to suit your application requirements

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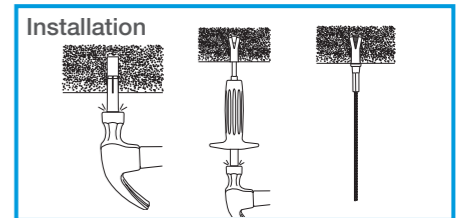
End Fixings

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



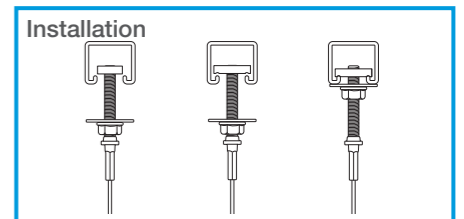
Stud

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



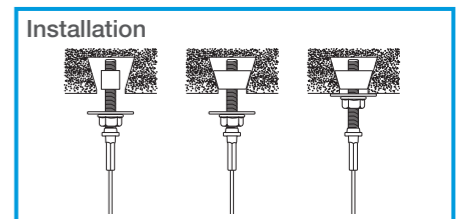
Channel Nut

- Designed for fixing directly into Channel
- Available in Gripple sizes No.2 and No.3
- Comes as a ready-to-use kit with wire and Hanger



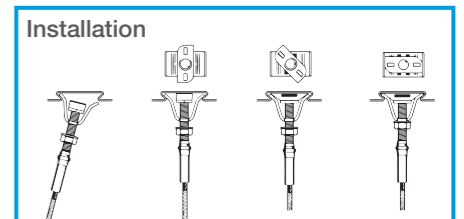
25 mm Wedge

- Ideal for fixing into the re-entrant channel of several composite floor deckings (R51, CF51, Holorib, MD50 and MF55)
- Available up to 90 kg SWL, with a 3:1 safety factor
- Ready-to-use kit with wire and Hanger



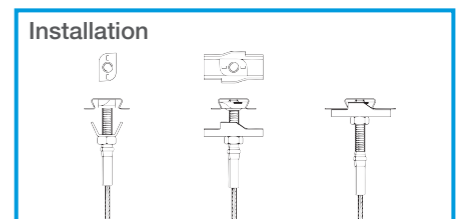
Multiwedge 2

- Adjustable and removable, no need for specialist tools or skills
- Available up to 90 kg SWL, with a 4:1 safety factor
- Ready-to-use kit with wire and Hanger



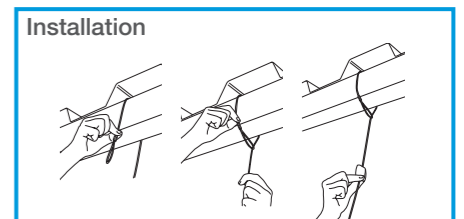
TR60 Wedge

- Adjustable and removable, no need for specialist tools or skills
- Available up to 90 kg SWL, with a 3:1 safety factor
- Comes as a ready-to-use kit with wire and Hanger



Loop

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



Other End Fixings are available. Contact our technical team for details.

Accessories

A variety of accessories are available to complement the product range increasing versatility and ease of installation.



Eyebolt

M8 and M10 versions available in a variety of thread configurations.



Concrete Screw

Quick and easy, the anchor is driven directly into base material pre-drilled hole. When tightening on soft base materials, take care not to apply much torque.



Cracked Concrete Screw

Ideal for use with the Stud end fixing for hanging various mechanical, HVAC and electrical services.



Twister

Keeps tail wires neat and tidy. For use with 2 mm and 3 mm wire rope.



6 mm Wire Cutters

Purpose-made for use on up to 6 mm wire. For use when terminating wire lengths.



Wire Cutters

Purpose-made for use on up to 4 mm wire. For use when terminating wire lengths.

Technical Services

From contractors to consultants, we are more than happy to offer:

- Take-off / drawing mark-up service – we'll advise what you need and where
- Environmental Impact Studies
- CAD drawings
- On-site visits to assess installations and discuss potential solutions
- Product training – for specific installations or for the latest new products
- CPD presentations

If you require any further information or to request a visit please call us on 0800 018 4264 or visit www.gripple.com

Product Codes

How to work out your unique product code:

1) Choose your kit type:
(Input the code in the red area below)



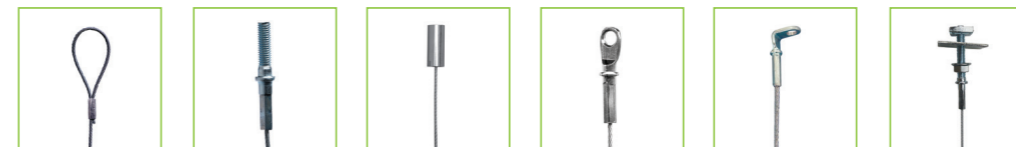
Standard Hanger
HF1, HF2 & HF3

Trapeze
TZ2, TZ3, TZ4

Trapeze Plus
MTZ2, MTZ3, MTZ4

Trapeze Plus FR
MTZ3SS

2) Choose your end fixing:
(Input the code in the green area below)



Loop
LG

Stud*
S*G

Barrel*
B*G

Eyelet
EY6G

90° Eyelet
EY906G

Channel Nut
CN8G



25 mm Wedge
DW258G

Alphawedge
DA8G

Multiwedge 2
DM28G

TR60 Wedge
DTR8G

MF Wedge
DMF8G

* Stud available in M6, M8 or M10. Barrel available in M6 or M8. Please substitute the (*) for the size required when ordering, e.g - S6G for an M6 Stud.

3) Choose your wire length:
(Input the code in the blue area below)



4) Enter your unique product code:



Example code: HF2-HG-2M (Standard Hanger Kit for 2 mm wire and 2 metres of wire)

Installation Design Service

Submit your drawings and our technical team will provide a bespoke product specification based on your project requirements. Call 0800 018 4264 for further information.

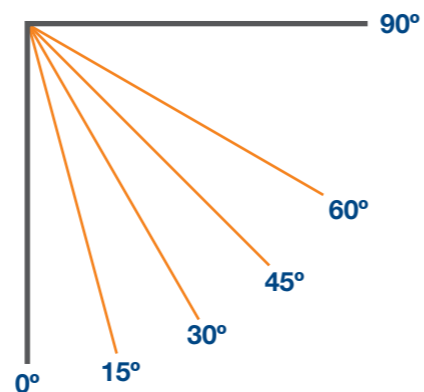
Technical Information

Hanging at angles

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

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	31	22
No.3	90	86	77	63	45
No.4	225	217	195	159	112
No.5	325	314	281	230	162
Load %	100	96	86	70	50

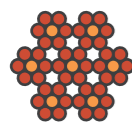
No Gripple hanger should be hung at an angle in excess of 60° from vertical.



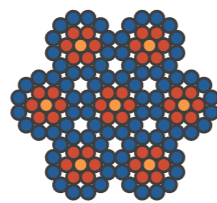
Wire rope construction and cross sections

The wire ropes used within our product range are manufactured with a hot galvanised coating in accordance with BS EN 12385.

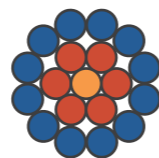
Hanger Size	Diameter (mm)	Construction
No.1	1.5	7 x 7 or 1 x 19
No.2	2	7 x 7 or 1 x 19
No.3	3	7 x 7 or 1 x 19
No.4	4.75	7 x 19
No.5	6	7 x 19
Trapeze No. 2	2	1 x 19
Trapeze No.3 and Trapeze Plus FR	3	1 x 19



7 x 7 (6/1)



7 x 19 (12/6/1)



1 x 19 (12/6/1)

Key Recommendations

Failure to comply with these recommendations may result in product malfunction and possible damage to property or person and will invalidate the Gripple warranty. Gripple products are warranted to conform to the manufacturer's published specifications at the time of shipment and to be free from defects in materials and workmanship. No other warranty, whether express or implied, including any warranty of merchantability or fitness for purpose shall exist in connection with the sale or use of any Gripple product.

Full technical information and installation instructions should be obtained directly from Gripple Limited, Gripple Europe or Gripple Inc., any regional Gripple office, or via the website www.gripple.com.

Please adhere to the following key recommendations:



Loads:

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



Lifting:

Do not use for lifting, either by crane or as part of a pulley system, or for hanging services exhibiting moving or dynamic behaviour. Designed for hanging statically positioned services.



Installation:

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



Painting:

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



Lubrication:

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



Joining:

Never join two ends together in-line.



Wire rope:

Always use our fastener supplied and specified wire rope. Never use on coated wire rope or other rope. Trim any damaged filaments with the wire cutter (page 80) before use.



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 the competent organisation. Not suitable for Swimming pools.



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



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 wrap around hangers on round/spiral ducting or pipes, the final included angle of the assembly should not exceed 60°.



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

Quality and approval

Gripple is ISO 9001:2000 et ISO 14001. Gripple products meet the highest standards of quality.



www.gripple.com

info@gripple.com



Gripple Ltd (Headquarters)

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

T | +44 (0) 800 018 4264

F | +44 (0)114 275 1155

E | info@gripple.com

Gripple Inc

1611 Emily Lane
Aurora
IL 60502
USA

T | +1 866 474 7753

F | +1 800 654 0689

E | usinfo@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 India

B 95/2
Naraina Industrial Area
Phase I
New Delhi-110028

T | +91 11-40582703

F | +91 11-40582703

E | ininfo@gripple.com