GRIPPLE Installation Guidelines

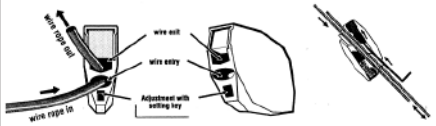
For The GRIPPLE Locking Wedge Wire Suspension System

GRIPPLE MANUFACTURER'S RECOMMENDATIONS AND IMPORTANT NOTES

- **For indoor use** in a dry environment
- **Do not apply lubricant** to any part of the assembly as this will alter the surface nature of the cable and attach dirt and debris.
- **Do not use on lifting applications.** For static loads only.
- **Do not use for loads outside the stated range of the product.** The Gripple wedges work by using the weight of the load to draw the wedge into the cable, creating a secure grip. If used with too light a load, the wedge may not be able to securely grip the cable.
- **Do not exceed the Safe Working Load** (SWL) of the product. Each product is load rated and incorporates a minimum safety factor of 5:1. The SWL takes into account the specification criteria of the Gripple, the cable and the pressed ferule.
- **Do not use on coated wire rope.** It is essential to strip off any coating on the length of cable to be inserted into the Gripple prior to assembly. It is important to maintain the metal to metal contact between the locking wedges in the Gripple and the cable.
- **When applying paint or other coating**, ensure that a dedicated Gripple decor cover is used to cover the Gripple. This will ensure that the movement of the locking wedges inside the assembly are not impaired. After painting, the Gripple should not be repositioned on the cable.
- **Do not use standard zinc galvanized Gripple products in chlorinated environments.** Use only Stainless Steel Gripple products in these environments.

TO RELEASE THE GRIPPLE/ LOWER THE ASSEMBLY

If the object requires lowering the Gripple can be adjusted using the setting key allowing the suspension to be lengthened. When unlocking the Gripple the weight of the light must be supported.



★ DOUBLE TOGGLE Y-FIT

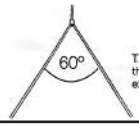
Each size has been purpose designed to fit a specific hole diameter. This is to ensure that the optimum SWL is maintained.

Sizes:

No.1 (22lbs SWL) : max. hole 1/4"

No.2 (100lbs SWL) : max. hole 5/16"

No.3 (200lbs SWL) : max. hole 3/8"

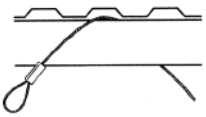


Size	Minimum Load (lbs)	Maximum Load (lbs)
1	0	22
2	22	100
3	100	200
4	200	495
5	495	715

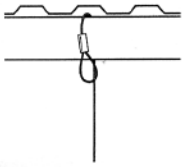
LOOP

Loop end fixing for purlins, beams, roof trusses and bar joists

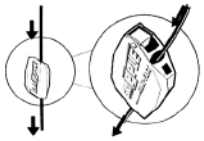
1) *a. Thread the tail of the cable around (or through) the anchor point*



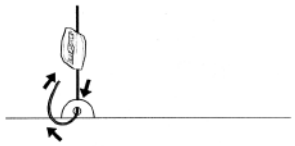
b. Pass the tail through the ferruled loop and pull tight



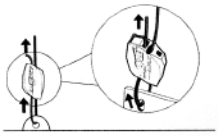
2) Push the rope tail end through one channel of the Gripple



3) Pass the rope through the fixing point on the fixture



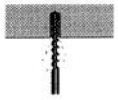
4) Return the rope to the Gripple and push through the second channel. Pull the required length of rope through to raise the fixture to the desired height



STUD

Threaded Stud end fixing for concrete* ceilings, metal decking and brackets

1) *a. Drill an appropriately sized hole into the concrete*

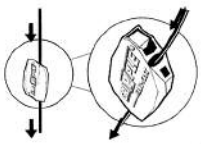


b. Push in the drop-in anchor

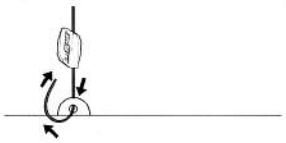
c. Use a punch to drive in the plug and to expand the anchor

d. Screw in the Stud-Fast

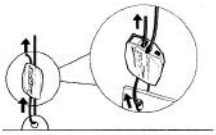
2) Push the rope tail end through one channel of the Gripple



3) Pass the rope through the fixing point on the fixture



4) Return the rope to the Gripple and push through the second channel. Pull the required length of rope through to raise the fixture to the desired height



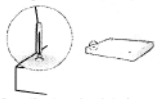
NOTE the suitability of the Stud end fixing for use in concrete has not been investigated by UL

SINGLE TOGGLE OR DOUBLE TOGGLE Y-FIT

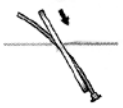
Toggle end plate fixing for fitting into luminaire

**See table for details of hole sizes through which toggle may be safely supported and angle sizes for Double Toggle Y-Fit.*

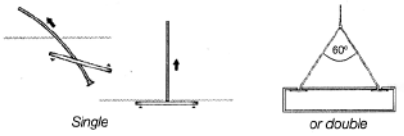
1) *a. Draw the toggle plate back from the end stop and align down the length of the wire rope*



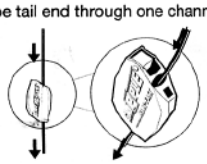
b. Push the end stop and plate through hole



c. When the toggle plate has cleared the hole, pull back on the cable, or simply let the weight of the object settle onto the toggle.

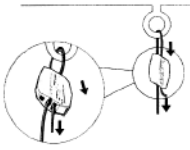


2) Push the rope tail end through one channel of the Gripple



3) Pass the rope through the fixing point on the fixture

4) Return the rope to the Gripple and push through the second channel. Pull the required length of rope through to raise the fixture to the desired height



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