

Wire Fence Solutions

For installation, maintenance and repair



Product Guide

Distributed by:

FenceFast

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“Created in 1988 as a solution to joining wire fence, Gripple continues to develop market leading, innovative products that genuinely make life easier. ”



Join plain wire
Gripple Plus and Twisters



Install stock netting,
Gripple Plus and Twisters



Terminate at an end-post
Gripple T-Clip



Join barbed wire
Gripple Barbed



Repair barbed wire
Gripple Plus



Repair netting
Gripple Plus and Twisters



Brace H-Posts
Gripple Plus Anchoring Kit (GPAK)



Terminate electric fencing
Gripple Plus and insulation tubing



Tension stock fence
Contractor Tool

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“Using Gripple products couldn’t be easier, and will reduce installation time.”

5 times faster than knots - saving you time and money

The Gripple range

A Gripple for every job

The principle of every Gripple is simple; a one-way lock is created by a roller, which allows movement through the channel, but grips the wire as it moves back.

Repeating this through another channel creates a join, securing the fence.

This concept allows tension to be applied throughout the life of the wire.

Bracing - The GPAK is a ready-to-use kit using wire rope, making it easier to handle.

Joining - The Gripple Plus joins and tensions wire in one step, reducing installation time.

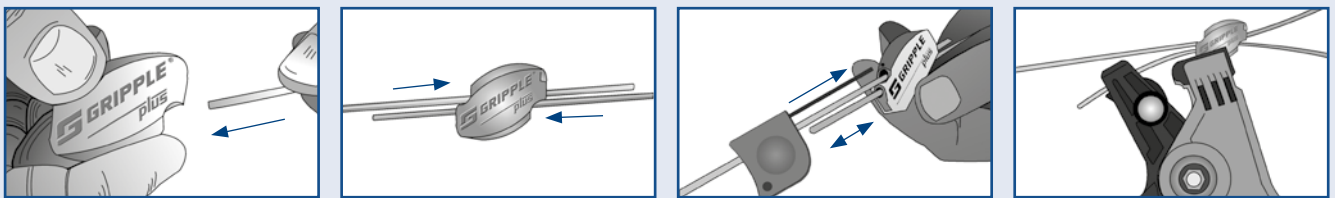
Tying off at end posts - The Gripple T-Clip’s push-fit mechanism is installed in seconds, without the need to knot.

Tensioning - Gripple tensioning tools allow each line wire to be tensioned, from installation to on-going maintenance.

Repairs - For repairs, simply splice a small section of wire into the break, using the Gripple Plus.



Installation



Advantages

- **Speedy, economic repairs** - splice in new wire using Gripple Plus
- **Join and tension in one** - no need for clamps, crimps or wire strainers. No knotting or bending is needed
- **Suitable for every wire size and type** - from mild steel to high tensile, across a range of diameters
- **Corrosion resistant** - the locking mechanism comprises high-grade ceramic rollers and stainless steel springs



| Wire Type | Wire Range (mm / ga) | Gripple Plus Small | Gripple Plus Medium | Gripple Plus Large | Gripple Plus Jumbo | Gripple Barbed | GPAK 4 | DPAK 6 | T-Clip® | T-Clip 2 | Maximum Load (kg / lbs) |
|---|---------------------------------|--------------------|---------------------|--------------------|--------------------|----------------|--------|--------|---------|----------|-------------------------|
| Plain wire / Field fence (pre-fab) / Electric fence | 1.40 - 2.20 mm 17 - 13 ga | ✓ | | | | | | | ✓ | | 300 kg 660 lbs |
| | 2.00 - 3.25 mm 14 - 10 ga | | ✓ | | | | | | ✓ | | 400 kg 880 lbs |
| | 3.25 - 4.20 mm 10 - 7 ½ ga | | | ✓ | | | | | | ✓ | 600 kg 1,320 lbs |
| | 2.50 - 3.15 mm 12½ - 10 ga | | | | ✓ | | | | | | 600 kg 1,320 lbs |
| Barbed wire (High tensile / mild steel) | 2 x 2.00 mm 2 x 14 ga | | ✓ | | | | | | ✓ | | 400 kg 880 lbs |
| | 2 x 2.50 mm 2 x 12½ ga | | | | | ✓ | | | | ✓ | 150 kg 330 lbs |
| | 4.00 mm x 5.0 m 5/32" x 16.5 ft | | | | | | ✓ | | | | 600 kg 1,320 lbs |
| Bracing | 6.00 mm x 4.0 m 1/4" x 13 ft | | | | | | | ✓ | | | 1,750 kg 3,850 lbs |

* The T-Clip works on 1.80 - 3.25 mm / 15 - 10½ ga Plain wire / Field fence (pre-fab) and Electric fence



Tips and hints

- Apply and re-apply tension with a Tensioning tool (page 20)
- Reposition, before tensioning using the Adjustment key (page 21)
- Tidy up tail wires with a Twister (page 21)

**“Easy-to-handle bracing methods,
installed in less than a minute.”**



Bracing

For H-Post bracing

The GPAK and DPAK present a ready-to-use kit comprising a length of flexible wire rope and a Gripple to join and tension.

The GPAK4 is suited to the majority of fencing applications; for longer fence runs, or for highly-loaded fencing the DPAK6 is ideal.

Install – Create a choke knot around the strainer post using the looped end. Then, wrap around the second strainer post, joining with a Gripple Plus Large or Dynamic. Finally, apply tension with a Gripple Tensioning tool.

Maintain – Where natural movement of the ground occurs, simply go back and re-tension using a Gripple Tensioning tool.



Advantages Install in less than one minute - saves time and labour

- compared to traditional bracing methods
- **Heavily galvanised wire rope** - for ultimate corrosion resistance
- **High load capacity** - products to suit different length runs and loadings, without compromise on performance
- **Easy-to-handle wire rope** - flexible wire rope makes installation faster and simpler
- **Complete bracing kit** - everything you need to create a brace wire in one ready-to-use kit



| Wire type | Wire range (mm / ft) | GPAK 4 | DPAK 6 | Maximum Load (kg / lbs) |
|-----------|------------------------------------|--------|--------|-------------------------|
| Bracing | 4.00 mm x 5.0 m 5/32" x 16.5 ft | ✓ | | 600 kg 1,320 lbs |
| | 6.00 mm x 4.0 m 1/4" x 13 ft | | ✓ | 1,750 kg 3,850 lbs |

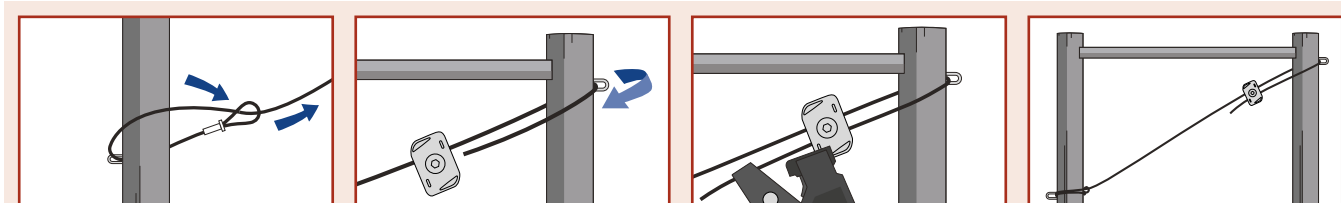


Tips and hints Always 'choke' the wire rope tightly against the bottom of the

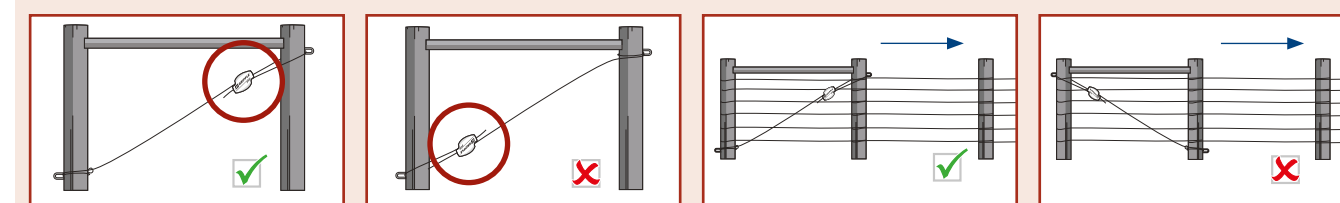
- avoid the possibility of animal hooves getting caught
- Don't forget, a Gripple can be tensioned and re-tensioned (page 20)
- Where space is limited, secure your fence with a Gripple Anchor (page 20)
- Use Gripple Cutters to trim excess wire (page 21)



Installation



Do's and don't's





“The Gripple Plus features patented ceramic technology that delivers a better grip on today’s tough, high tensile wire.”

Plain wire

For installation and repair

From installation through to maintenance and repair, the Gripple Plus not only joins wire, but tensions it too.

Easier and quicker than traditional knots and crimps, there’s a Gripple product for every wire type and diameter.

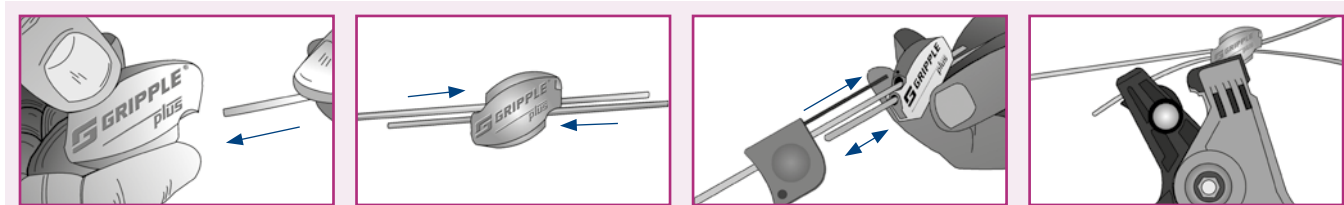
Install - A Gripple Plus can be used to terminate at an end post, or to join wire together at the centre of a fence. Apply tension using a Gripple Tensioning tool.

Maintain - When ground movement and wire elongation occur the Gripple Plus allows wire to be easily tensioned year-after-year to keep your fence in good condition.

Repair - Fix damaged or broken fences easily, by splicing a piece of wire into the break using two Gripple Plus. Then, tension with a Gripple Tensioning tool.



Installation



Advantages Smooth wire entry - the push-fit design makes installation

- easy and efficient
- **Adjustment key** - this built in feature allows a Gripple Plus to be repositioned, prior to tensioning
- **Supreme performance** - the Gripple Plus can withstand extreme weather conditions and temperatures
- **Reliable grip** - the ceramic locking mechanism performs on all wire sizes and types, from conventional mild steel to tough high tensile



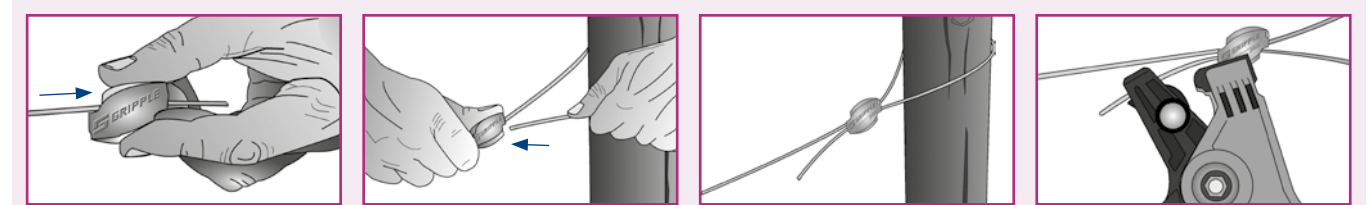
| Wire type | Wire range (mm / ga) | Gripple Plus Small | Gripple Plus Medium | Gripple Plus Large | Gripple Plus Jumbo | T-Clip | Maximum Load (kg / lb) |
|------------|--------------------------------|--------------------|---------------------|--------------------|--------------------|--------|------------------------|
| Plain wire | 1.40 – 2.20 mm 17 – 13 ga | ✓ | | | | | 300 kg 660 lbs |
| | 2.00 – 3.25 mm 14 – 10 ga | | ✓ | | | ✓ | 400 kg 880 lbs |
| | 3.25 – 4.20 mm 10 – 7 ½ ga | | | ✓ | | | 600 kg 1,320 lbs |
| | 2.50 – 3.15 mm 12 ½ - 10 ga | | | | ✓ | | 600 kg 1,320 lbs |



Tips and hints

- A Gripple can be tensioned and re-tensioned (page 20)
- Tidy up tail wires with a Twister (page 21)
- Trim excess wire with Gripple cutters (page 21)

Installation - around a post



“Gripple products remove the need to knot and tie barbed wire, creating a secure installation that will last for many years.”

Barbed wire

For installation and repair

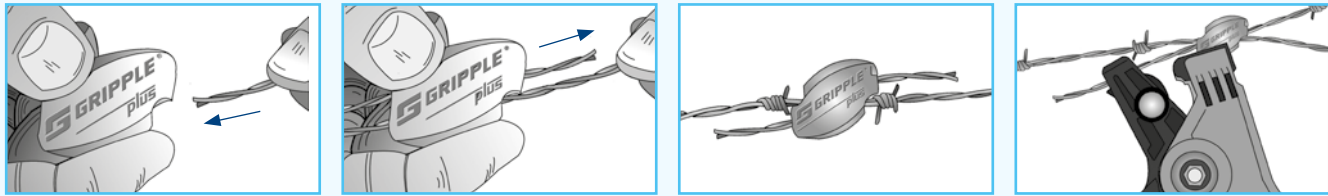
Gripple products take the hassle out of knotting barbed wire and can be tensioned and re-tensioned year-after-year.

Install - Use a Gripple Plus Medium for smaller diameter wire, or a Gripple Barbed for larger diameters. Simply insert onto the wire and tension.

Maintain - All Gripple products can be tensioned and re-tensioned using a Gripple Tensioning tool, extending the life of your wire and ensuring livestock remain secure.

Repair - For repairs on even the oldest of barbed wire, splice a section of plain wire into the break, using two Gripple Plus Medium or Gripple Barbed. Then, tension with a Gripple Tensioning tool.

Installation - In-line



Advantages 5 times faster than knots - saving you time and money

- **Speedy, economic repairs** - splice in a section of plain wire using two Gripple Plus Medium or Gripple Barbed
- **Join and tension in one** - removes the need for traditional clamps, crimps and wire strainers
- **A Gripple product for every wire size and diameter** - from conventional mild steel to strong high tensile

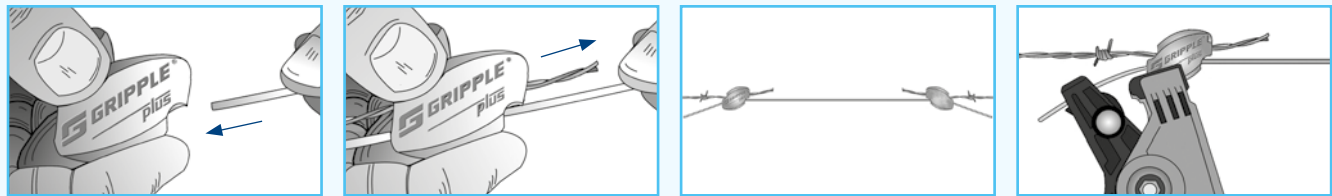
| Wire type | Wire range (mm / ga) | Gripple Plus Medium | Gripple Barbed | T-Clip | T-Clip 2 | Maximum Load (kg / lbs) |
|---|----------------------------|---|----------------|--------|----------|-------------------------|
| Barbed wire (High tensile / mild steel) | 2 x 2.00 mm 2 x 14 ga | ✓ | | ✓ | | 400 kg 880 lbs |
| | | For repairs, splice in a new section of 2 mm / 12 ½ ga smooth wire alongside Gripple Plus Medium and T-Clip | | | | |
| | 2 x 2.50 mm 2 x 12 ½ ga | | ✓ | | ✓ | 150 kg 330 lbs |
| | | For repairs, splice in a new section of 4 mm / 9 ga smooth wire alongside Gripple Barbed and T-Clip 2 | | | | |



Tips and hints Terminate at the end post using a T-Clip (pages 16-17)

- For smoother wire entry, twist the Gripple in a corkscrew motion
- When using with plain wire, always tension along the plain wire

Repair





“Gripple products take the hassle out of installing netting or mesh; no more knotting, bending or twisting numerous line wires.”

Netting and mesh

For installation and repair

Gripple products are ideally suited to the tight, hard, high-tensile wire that dominates today's stock fence market. Removing the need to knot wire, installation is easy and much faster.

Install - Create a join in the centre of the run using Gripple Plus on each line. Apply tension to each line wire with a Gripple Tensioning tool.

End-post termination - Terminate your fence with ease using Gripple T-Clips, which hook and push-fit onto the wire.

Maintenance - Tension and re-tension using a Gripple Tensioning tool, to prolong the life of your fence.

Repair - Splice in a section of netting using Gripple Plus on each side, then tension with a Gripple Tensioning tool.



Advantages No more knotting - taking the hassle out of joining and

- terminating hard, high tensile field fence
- Ideal for constrained areas** - the push-fit mechanism enables wire to be joined, no matter how tight the mesh or working area
- Use with traditional methods** - the Gripple fencing system can be used on it's own, or to complement existing methods
- For use on all types of netting and mesh** - from badger and pig fence to deer and horse mesh, there's a Gripple product for every netting configuration

| Wire type | Wire range (mm / ga) | Gripple Plus Small | Gripple Plus Medium | Gripple Plus Large | Gripple Plus Jumbo | T-Clip® | Maximum Load (kg / lbs) |
|--|--------------------------------|--------------------|---------------------|--------------------|--------------------|---------|-------------------------|
| Stock netting, Horse mesh, Deer netting, Otter fence, Badger fence, Pig fence, | 1.40 – 2.20 mm 17 – 13 ga | ✓ | | | | | 300 kg 600 lbs |
| | 2.00 – 3.25 mm 14 – 10 ga | | ✓ | | | ✓ | 400 kg 880 lbs |
| | 3.25 – 4.20 mm 10 – 7 ½ ga | | | ✓ | | | 600 kg 1,320 lbs |
| | 2.50 – 3.15 mm 12 ½ - 10 ga | | | | ✓ | | 600 kg 1,320 lbs |

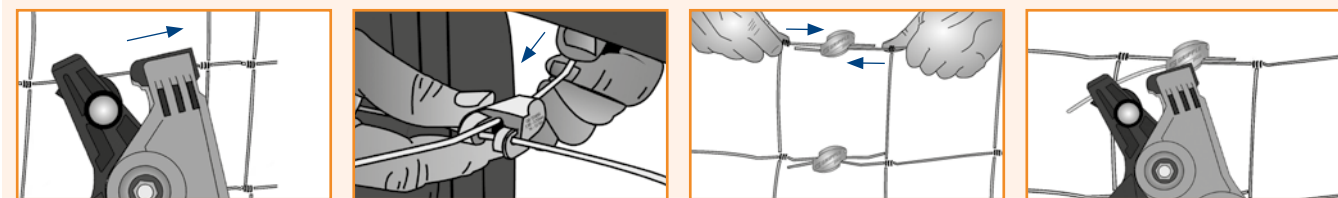
* The T-Clip works on 1.80 - 3.25 mm / 15 - 10½ ga netting and mesh



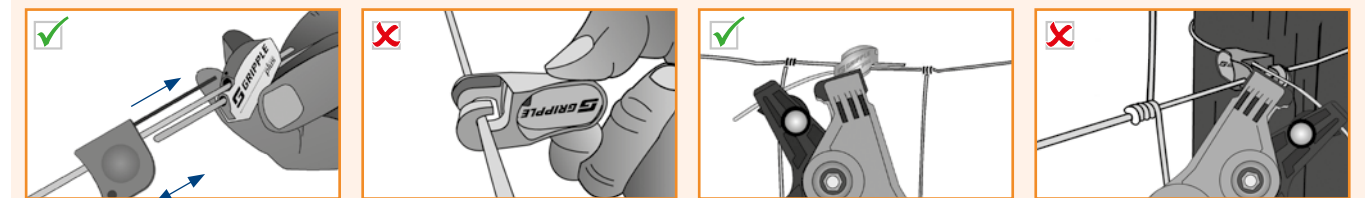
Tips and hints Reposition or remove a Gripple Plus or T-Clip using an Adjustment key (page 12)

- Remove verticals with a Gripple Tensioning Tool (page 12)
- Straighten out wire crimps prior to installation

Installation



Do's and don'ts



“The Gripple product range covers every element of wire netting installation with innovative, push-fit products.”



Installation

The Gripple system is versatile and can be used in a variety of configurations, and alongside existing fencing methods.

Joining - A join should always be created in the centre of the fence, use Gripple Plus to allow for tensioning and re-tensioning.

End posts - The Gripple T-Clip twists and hooks onto line wires and automatically pull tight against the end post as the fence is tensioned.

Tensioning - The fence can either be tensioned at one end prior to installing Gripple T-Clips, or, alternatively, at the join in the centre of the fence using a Gripple Tensioning tool.

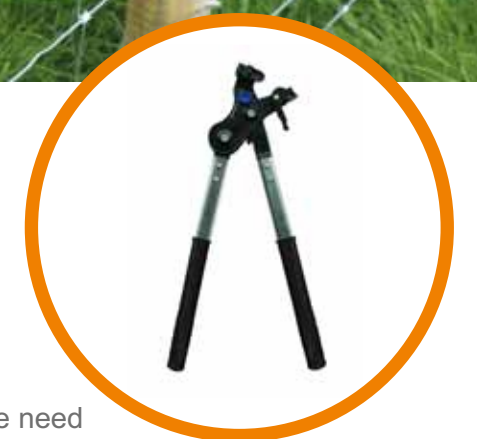


Maintenance and repair

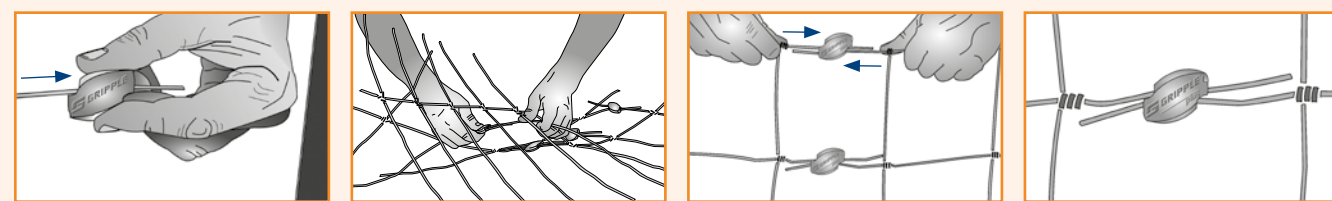
Gripple products make maintenance and repair simple and secure.

Tensioning - where wire naturally elongates, simply go back and re-tension using a Gripple Tensioning tool. Enabling each line to be tensioned separately, this will ensure your fence stays tight.

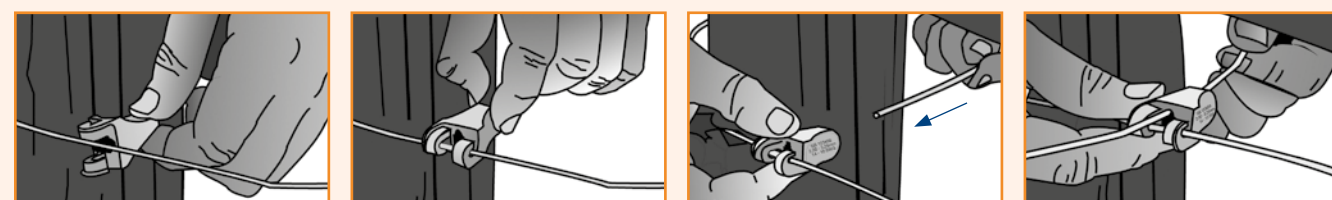
Repairs - Where repairs are necessary Gripple products remove the need to replace large sections of fence. Simply splice a section of netting into the break using Gripple Plus, and tension with a Gripple Tensioning tool.



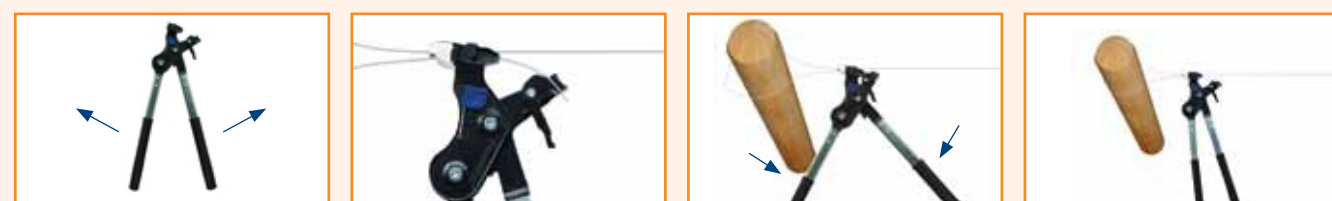
Installation - Joining



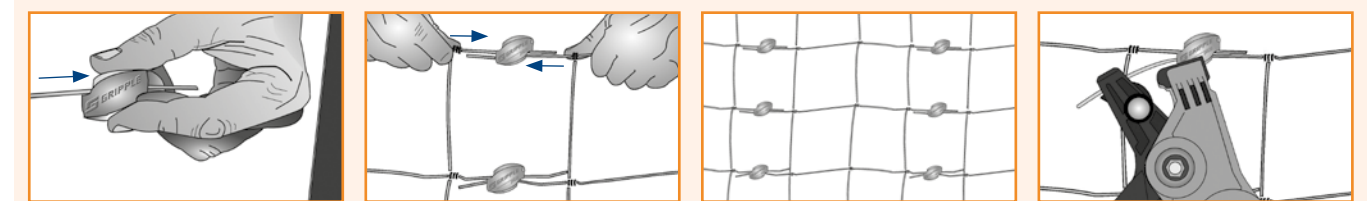
Installation - End posts




Tensioning



Repair





Tips and hints

Remove sufficient verticals prior to installation

- To finish the Gripple T-Clip, bend over the tail end and cut the excess
- Install the bottom T-Clip upside down, bending the wire upwards, to make the installation easier nearer the ground
- A Gripple Twister tidies tail wires and can be removed and re-attached to allow for re-tensioning (page 21)
- Always leave a wire tail of at least 75 mm / 3" for re-tensioning



“The Gripple T-Clip eliminates time-consuming knotting and stapling; simply hook-on and push-fit, it’s that easy.”

End post termination

For plain wire, barbed wire and netting

Gripple products take all the stress out of end-post termination. From a loop around an end post on plain or barbed wire to the push-fit Gripple T-Clip on stock fence - all ensure a tight, neat finish in a fraction of the time of knots.

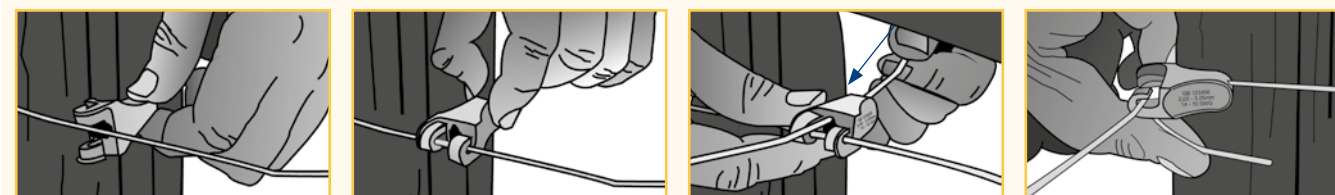
Plain wire - Use the Gripple Plus to create a loop around the end post. Tension can then be applied using a Gripple Tensioning tool.

Barbed wire - The T-Clip 2 makes finishing off barbed wire simple, fast and safe. Hook onto the wire, then bring the tail end around the post and through the channel to create a neat finish.

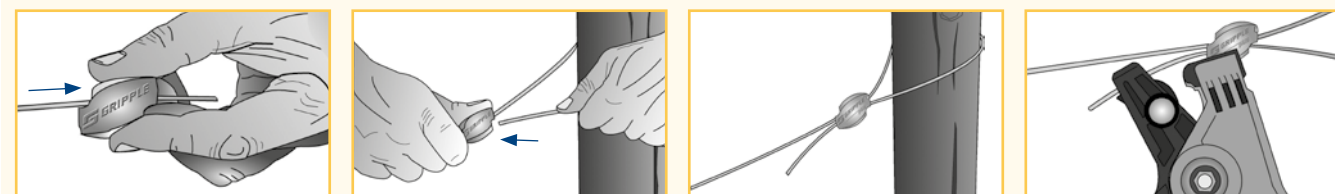
Netting and mesh - The T-Clip is ideally suited to field fences, negating the need to twist and tie each line wire. Simply hook on, push the tail wire through and tension the fence as normal.



Installation - netting / barbed wire



Installation - around a post

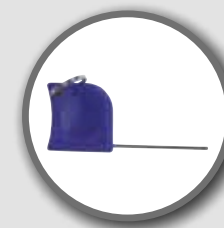


Advantages 5 times faster than knots - saving you time and labour

- **Corrosion resistant** - ceramic technology ensures every Gripple product will last, without compromise on performance
- **Self-tightening and easy to apply tension** – T-Clips will pull tight to the end post when the fence is tensioned, or a fence can be tightened using a Gripple Tensioning tool on the Gripple Plus.
- **No need to staple netting to posts** – T-Clips will keep the netting in place, simply use one staple at the top as a guide for the height.



| Wire type | Wire range (mm / ga) | GP Small | GP Medium | GP Large | Gripple Jumbo | Gripple Barbed | T-Clip | T-Clip 2 | Maximum Load (kg / lbs) |
|---|--------------------------------|----------|-----------|----------|---------------|----------------|--------|----------|-------------------------|
| Plain wire / Stock fence (pre-fab) / Electric fence | 1.40 - 2.20 mm 17 - 13 ga | ✓ | | | | | | | 300 kg 660 lbs |
| | 2.00 - 3.25 mm 14 - 10 ga | | ✓ | | | | ✓ | | 400 kg 880 lbs |
| | 3.25 - 4.20 mm 10 - 7 ½ ga | | | ✓ | | | | ✓ | 600 kg 1,320 lbs |
| | 2.50 - 3.15 mm 12 ½ - 10 ga | | | | ✓ | | | | 600 kg 1,320 lbs |
| Barbed wire (High tensile / mild steel) | 2 x 2.00 mm 2 x 14 ga | | ✓ | | | | ✓ | | 400 kg 880 lbs |
| | 2 x 2.50 mm 2 x 12 ½ ga | | | | | ✓ | | ✓ | 150 kg 330 lbs |



Tips and hints Straighten out wire crimps prior to installation, for smoother wire entry

- On netting, install the T-Clip as close to the end post as possible, inside the closest vertical
- Reposition or remove using an Adjustment key (page 21)

“The Gripple Plus range of products act as a fantastic conductor of electrical current, ideal for electric fence installation and repair.”



Electric fencing

For installation and repair

The Gripple range is used to join wire in the centre of a fence, repair a broken fence, or alongside an insulating agent for end post termination.

Join - the Gripple Plus creates a joins, then tension is applied using a Gripple Tensioning tool. The metal housing means there is no break in electric current across the join.

End post termination - an insulating medium must be used, such as insulator tubing, or a post insulator, a Gripple can then be installed and tensioned as normal. Alternatively the Gripple Electric Fence kit incorporates a single-channel Gripple with insulating monofilament (4.00 mm x 600 mm / 5/32" x 2 ft).

Maintain - Natural ground movement and wire elongation may cause your fence wire to sag, simply re-tension to combat this.

Repair - Repair fences by splicing a new section of wire into the break using Gripple Plus, then apply tension to finish.

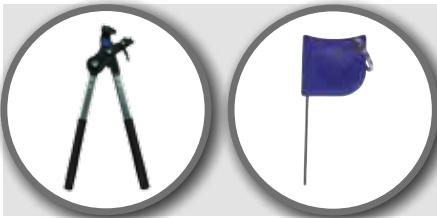


Advantages Manufactured with a zinc housing - ideal for conducting

- electricity and maintaining the circuit
- **Join and tension in one** - removing the need for traditional clamps, crimps and wire strainers
- **Can be used alongside existing electrical fence insulators** - for termination at an end post
- **Speedy, economic repairs** - a small section of wire is simply spliced into the break using Gripple Plus



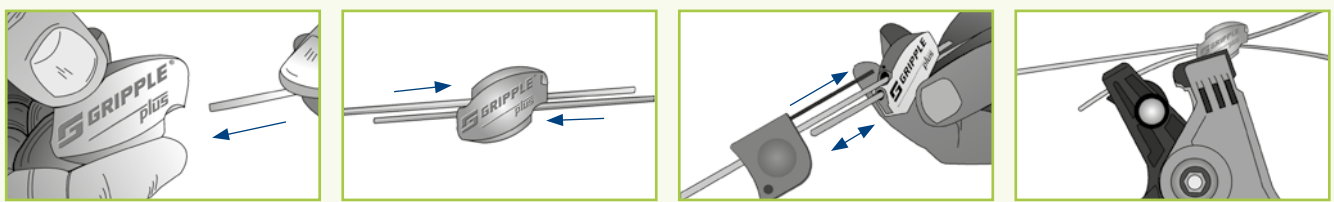
| Wire type | Wire range (mm / ga) | Gripple Plus Small | Gripple Plus Medium | Gripple Plus Large | Gripple Plus Jumbo | Electric Fence Kit | Maximum Load (kg / lbs) |
|------------|--------------------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------------|
| Plain wire | 1.40 – 2.20 mm 17 – 13 ga | ✓ | | | | | 300 kg 660 lbs |
| | 1.80 - 3.00 mm 15 - 11 ga | | | | | ✓ | 300 kg 660 lbs |
| | 2.00 – 3.25 mm 14 – 10 ga | | ✓ | | | | 400 kg 880 lbs |
| | 3.25 – 4.20 mm 10 – 7 ½ ga | | | ✓ | | | 600 kg 1,320 lbs |
| | 2.50 – 3.15 mm 12 ½ - 10 ga | | | | ✓ | | 600 kg 1,320 lbs |



Tips and hints

- A Gripple can be tensioned and re-tensioned (page 20)
- Reposition before tensioning using an Adjustment key (page 21)

Installation - in-line



Installation - around a post





“Gripple accessories make installation even easier and produce a professional, neat finish.”

Tensioning tools

For installation, maintenance and repair

Gripple Tensioning tools allow each line wire to be tensioned and re-tensioned individually, optimising the life of your fence. The Torq tensioning tool is lightweight and compact, ideal for hobby farming, whereas the Contractor tool's metal construction is strong, robust and suitable for everyday use.

Replacement cam sets are available to combat natural wear and tear of teeth.

Tensioning

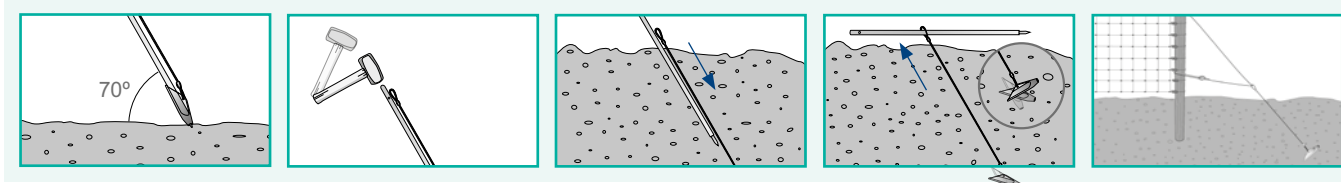


Gripple Anchors

To secure your fence

A Gripple Anchor secures or ties down wire fencing where space is limited, or extra security required. Simple and fast to install, the anchor is driven directly into the ground for immediate connection to a bracing wire.

Installation



Accessories



Twister

Secures the tail wire protecting from potential injury. UV treated for longevity.



Adjustment key

For adjusting the position of Gripple Plus products prior to load being applied.



Gripple Work belt

Lightweight yet durable work belt with handy pockets for Gripple products and tools.



Cutters

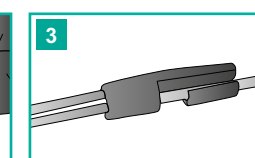
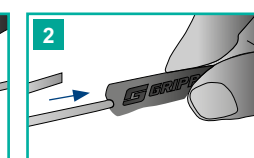
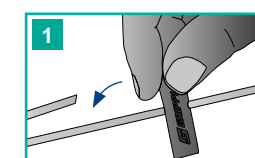
Cut wire and wire rope up to 4.00 mm / 5/32" diameter. Hardened jaws for durability. Made in Japan.



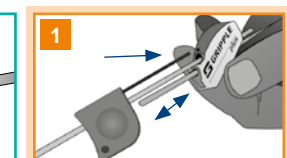
Tips and hints

- Always leave at least 75 mm / 3" tail wire to allow for re-tensioning
- Ensure the tool cam is fully open by knocking the handles outwards
- Regularly lubricate the tool cam area for smooth operation
- Always hammer the Gripple Anchor in fully, to a depth of 1 m / 3 ft
- To aid removal of the Anchor drive tool, the hole in the striking head can be used as a point of leverage

Twister



Adjustment key



“Gripple make the finest wire joiners and tensioners on the market today; we’re the original and still the best.”



Who we are

An introduction to Gripple

Whether used to tension trellis wires, to join or repair a fence, or to hang services in a building, Gripple make the highest quality wire joiners and tensioners on the market today.

Made in England - manufactured in Sheffield since 1988

Problem solving products - with effective solutions to real-life problems, we make difficult, time-consuming jobs fast and easy

Employee-owned - on every level, from engineering and manufacturing to sales and marketing

Back-up service - we focus on the users needs, and always strive to exceed expectations

Environmentally aware - sustainability has always been central to our company ethos and continues to be integral in all areas of operation.



Awards

1990 - Concours Lepine Gold Medal (France)
 1990 - Grand Prix du President de la République (France)
 1991 - The Prince of Wales Award for Innovation
 1995 - Export Times - Corporate Exporter of the Year
 2000 - Queen's Award for Enterprise - Innovation
 2001 - National Language for Export – Regional Winner (Trade Partners UK)
 2002 - British Chambers of Commerce - Export Excellence Award
 2003 - IMechE - Best Product Innovation
 2003 - Management Today Awards for Manufacturing - Best Innovation for RandD
 2003 - Management Today Awards for Manufacturing - Best Small Plant
 2004 - National Community Mark Standard
 2004 - IMechE - Best Factory Award - Overall Winner

2004 - IMechE - Best Small / Medium Enterprise
 2006 - The Manufacturer - Manufacturer of the Year Award
 2007 - EEF - Annual Environmental Award
 2007 - British Chambers of Commerce - Achievement in International Business
 2008 - Queen's Award for Enterprise - International Business
 2009 - IMechE - Best Small / Medium Enterprise
 2009 - BFA - Best Engineering Plant Award
 2009 - BFA - Best Small Company Award
 2009 - BFA - Innovation Award
 2010 - Queen's Award for Sustainable Development
 2011 - Green Apple Award - Long-term sustainability
 2011 - European Business Awards - Ruban D'Honneur
 2012 - Queen's Award for Innovation



Tension plain wire
Torq tensioning tool



Join plain wire
Gripple Plus



Join pig netting
Gripple Plus



Brace H-Posts
Gripple Plus Anchoring Kit (GPAK)



Terminate barbed wire
Gripple T-Clip 2



Join horse mesh
Gripple Plus and Twisters



Join netting
Gripple Plus



Repair barbed wire
Gripple Plus



Tension plain wire
Contractor Tool