

## Fit for purpose, built to last.

Tornado is the UK's market leader in agricultural, forestry and equestrian fencing, providing maximum protection with minimum lifetime costs.

Unlike other manufacturers, Tornado started out as contractors, so the needs of the industry are wired into our processes and production.

Today, the Tornado difference is trust. Built up with customers and suppliers, link by link.

## BRITISH AND EUROPEAN STANDARDS COMPLIANCE

All Tornado Wire fencing complies with the following quality standards:

BSEN 10218 – Steel Wire and Wire Products part 2 – General Wire Dimensions and Tolerances.

BSEN 10223 – Steel Wire and Wire Products for Fencing and Netting part 5 – Steel Wire Woven Hinged Joint and Knotted Mesh Fencing.

BSEN 10244 – Steel Wire and Wire Products Non-ferrous Metallic Coatings on Steel Wire part 2 – Zinc or Zinc Alloy Coatings (all Tornado products galvanised to class A).

**TORNADO** TALK TO THE FENCING PEOPLE

[www.tornadowire.co.uk](http://www.tornadowire.co.uk)

or call 01789 778766

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## LIVESTOCK FENCING SELECTION GUIDE

Stock fencing  
**know the difference.**

### Tornado: always the right choice

Tornado's livestock fencing has been the choice of contractors for decades. Our extensive expertise, combined with the unbeatable quality of our products, guarantees a fencing solution that you can trust.

Whether you need to divide fields, separate livestock, or create a protective barrier between roads, railway lines or footpaths, this guide will help you choose the right solution for you.

Made in the UK, our stock fencing products are engineered to be stronger and last longer, giving you peace of mind and protecting your valuable animals for a lower lifetime cost.

### Tools and accessories

Tornado's extensive range of tools, accessories and ancillaries are designed to make your fencing job as fast and simple as possible. These include everything from coiled plain wire and barbed wire in various specifications, wire cutters, barbed and plain staples and fencing joining tools, to specialist products like the gas-powered STOCK-ade ST-400i Fence Post Stapler (and the pneumatic ST400 Stapler and Compressor) favoured by professional fencing contractors.

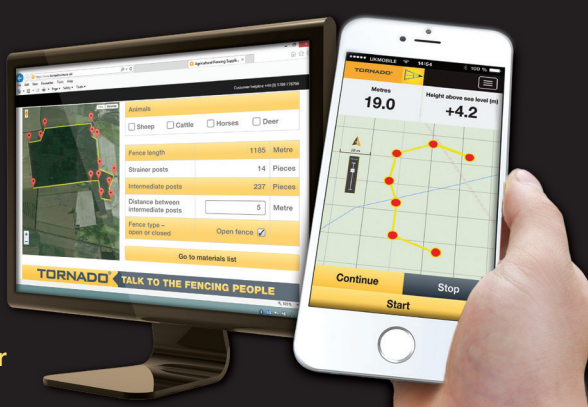


## HELP WITH SELECTION AND INSTALLATION

### The Tornado Fencing Configurator Fast, accurate fence planning

This unique fencing tool allows landowners to create an accurate plan of the fence line and order exactly the right products to cost-effectively build the fence they require. You can also download the Tornado Track smartphone app to physically walk and measure your fence line – then simply upload to the Fencing Configurator.

[www.tornadowire.co.uk/fence-configurator](http://www.tornadowire.co.uk/fence-configurator)



### Datasheets Technical specification and application advice

Tornado datasheets provide detailed information for individual products, including line wire and perspective diagrams, knot types and related products.

Access our datasheet library at:  
[www.tornadowire.co.uk/data-sheet-library](http://www.tornadowire.co.uk/data-sheet-library)

### 'How to' videos Practical help from experts in the field

Our helpful videos walk you through some of the common techniques required to install your fencing products.

Watch the videos:  
[www.tornadowire.co.uk/videos](http://www.tornadowire.co.uk/videos)



# LIVESTOCK FENCING SELECTION GUIDE

Helping you choose the right specification for the fence you need.



## HT 8 / 80 / 15

### Wire Specification & Knot Type

Popular choice:

#### HT (2.50mm High Tensile – Hinge Joint)

Can be pulled much tighter than mild steel, and less likely to sag after animal impact. Requires fewer posts, far less maintenance, and is more cost-effective.

#### Something to consider:

Although high tensile is generally preferred, mild steel may still be suitable in situations where:

- wire doesn't need to be pulled tightly
- your fence line has a lot of turns
- your fencing is supported by background hedges

### Number of Horizontal Wires

Popular choices:

#### 5 – 8

Animals usually try to push through fencing. This typically happens towards the bottom of the fence, so the lower horizontal wires are usually spaced closer together to make it more resilient.

#### Something to consider:

Tornado Pheasant-Friendly (HT6/83/22) has larger horizontal wire spacing at the bottom of the net, ideal for allowing game bird access if required.

### Net Height (cms)

Popular choices:

#### 53 – 80 cms

Fence height is determined by the size of the animals being contained and kept out – as well as their ability to jump over, climb up, dig under and otherwise overcome the fence.

#### Something to consider:

Guard against downward pressure from cattle by adding two strands of high tensile barbed wire, or one electrified plain wire, above your fence.

### Vertical Wire Spacing (cms)

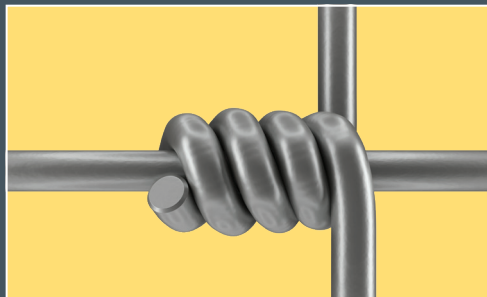
Popular choices:

#### 15, 22, 30 cms

Vertical wire spacing affects the overall strength of the net; options are available to suit different budgets and levels of animal pressure.

#### Something to consider:

Occasionally, sheep ear tags can be pulled off when they forage in the hedgerow. If you think this could be an issue, 22 cms vertical wire spacing may be a viable alternative. This will allow a sheep to get its head through your fence and back again, without getting caught, while still being suitable to contain small lambs. Alternatively, 30 cms spacing is more economical, and perfect for hedgerows or areas containing fewer small lambs.



#### Hinge Joint

Traditional cost-effective joint. Enables the netting to be turned out or cranked for use in special applications.

#### Other joint knot types



#### Titan Knot

An innovative non-slip knot incorporating a continual vertical stay wire. It has exceptional impact resistance.



#### Torus Knot

A high-pressure bonded, smooth knot and a continuous vertical stay wire for optimal strength.

# TORNADO® TALK TO THE FENCING PEOPLE

#### DIY or CONTRACTOR?

Fencing can be time-consuming and difficult to fit without the right equipment. Unless you're an expert, it's worth talking to an approved installer before you start. They can advise you on the best specification for your needs, and share the latest tools and techniques to ensure you get the best results.

#### How to use this guide

This guide highlights the most popular fencing options for livestock requirements by fence code. Use this guide to help you select which type of fencing solution matches your needs, or contact us to help you choose from other available options.