

AN INTRODUCTION TO WIRE FENCING

The right fence for the job...

You want to get the most out of your fencing. You want to be confident that you have the right product for your application, installed in the right way.

This introduction addresses the common issues that most customers face when they are new to wire fencing. If you need any further assistance in selecting the best possible fence, please don't hesitate to contact the Tornado Team directly.

Identifying the fence specification...

Although the codes used to denote the specification of fencing may appear confusing, they consist of 4 simple pieces of information. Understanding these details will help you to select the right fence for your specific needs.



Wire specification
and knot type

Vertical wire
spacing [cm]

R 8 / 80 / 22

Number of
horizontal wires

Net height
[cm]

- The letter or letters (R in this case) indicate the wire type and knot configuration used in the net.
- The first number (8 in this case) indicates the number of horizontal wires (or 'line wires') in the net.
- The second number (80 in this case) indicates the overall height of the net (in centimetres).
- The third number (22 in this case) indicates the distance (in centimetres) between the vertical stay wires in the net.

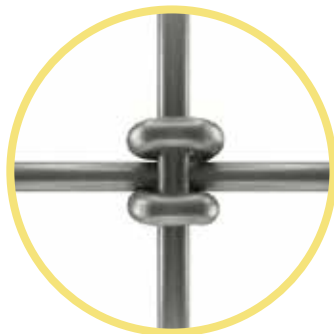
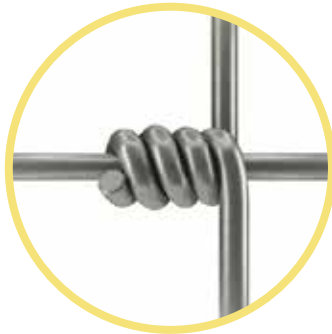
TORNADO®

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Wire fencing knots...

Hinge Joint

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



Torus Knot

Manufactured with a high-pressure bonded, smooth knot and a continuous vertical stay wire. The Tornado Torus offers optimal strength even in the most extreme environments.

Titan Knot

The Tornado Titan joint is an innovative non-slip knot incorporating a continual vertical stay wire. It has exceptional impact resistance making it ideal for high pressure applications.



High Tensile or Mild Steel fencing?

Mild Steel

- Although high tensile fencing is now generally preferred, mild steel fencing may still be suitable in certain situations
- Does not need to be strained as tightly as high tensile
- Useful if you need to make a lot of turns in your fence line.
- Cost-effective solution where fencing is supported by background hedges

High Tensile

- Offers maximum strength, security and longevity
- Maximum protection with minimal lifetime costs
- Strains tighter than mild steel and so requires fewer intermediate posts, making it quicker to erect.
- The spring link properties of a high tensile wire help the netting stay tight, keeping maintenance to a minimum.

Code letter	Knot type	Steel type	Top & Bottom wire diameters	Intermediate line wire diameters
L	Hinge Joint	Mild Steel	2.50mm	2.00mm
C	Hinge Joint	Mild Steel	3.00mm	2.50mm
LHT	Hinge Joint	High Tensile	2.00mm	2.00mm
MHT	Hinge Joint	High Tensile	2.24mm	2.24mm
HT	Hinge Joint	High Tensile	2.50mm	2.50mm
RL	Torus Knot	High Tensile	2.00mm	2.00mm
R	Torus Knot	High Tensile	2.50mm	2.50mm
TL	Titan Knot	High Tensile	2.00mm	2.00mm
T	Titan Knot	High Tensile	2.50mm	2.50mm