



Chain Link Fencing

SOLIDFORM®

Concrete Posts

Operations, Maintenance & Installation Manual

Ranges & Kits in this O&M Guide

CHAIN-CON-1050	CONCRETE INTER POST FOR 0.9M HEIGHT SYSTEM
CHAIN-KIT-1100	CONCRETE CHAIN LINK POST END KIT FOR 0.9M HEIGHT SYSTEM
CHAIN-KIT-2100	CONCRETE CHAIN LINK POST CORNER KIT FOR 0.9M HEIGHT SYSTEM
CHAIN-KIT-3100	CONCRETE CHAIN LINK POST TWO WAY KIT FOR 0.9M HEIGHT SYSTEM
CHAIN-CON-1100	CONCRETE INTER POST FOR 1.2M HEIGHT SYSTEM
CHAIN-KIT-1150	CONCRETE CHAIN LINK POST END KIT FOR 1.2M HEIGHT SYSTEM
CHAIN-KIT-2150	CONCRETE CHAIN LINK POST CORNER KIT FOR 1.2M HEIGHT SYSTEM
CHAIN-KIT-3150	CONCRETE CHAIN LINK POST TWO WAY KIT FOR 1.2M HEIGHT SYSTEM
CHAIN-CON-1150	CONCRETE INTER POST FOR 1.5M HEIGHT SYSTEM
CHAIN-KIT-1150	CONCRETE CHAIN LINK POST END KIT FOR 1.5M HEIGHT SYSTEM
CHAIN-KIT-2150	CONCRETE CHAIN LINK POST CORNER KIT FOR 1.5M HEIGHT SYSTEM
CHAIN-KIT-3150	CONCRETE CHAIN LINK POST TWO WAY KIT FOR 1.5M HEIGHT SYSTEM
CHAIN-CON-1200	CONCRETE INTER POST FOR 1.8M HEIGHT SYSTEM
CHAIN-KIT-1200	CONCRETE CHAIN LINK POST END KIT FOR 1.8M HEIGHT SYSTEM
CHAIN-KIT-2200	CONCRETE CHAIN LINK POST CORNER KIT FOR 1.8M HEIGHT SYSTEM
CHAIN-KIT-3200	CONCRETE CHAIN LINK POST TWO WAY KIT FOR 1.8M HEIGHT SYSTEM

Proudly Compliant with:



Proud to work with our partners



This manual provides a comprehensive overview for the installation, operation, and maintenance of the First Fence Chain Link Fencing with SOLIDFORM® Concrete Posts. This fencing solution is engineered to deliver exceptional longevity and security by combining the flexible resilience of woven steel mesh with the robust, weather-resistant properties of concrete posts, establishing a durable and low-maintenance perimeter for a variety of applications.

Disclaimer: This guide is for informational purposes only. The installer is responsible for ensuring the installation complies with all relevant British Standards, including BS 1722-1:2019 - Specification for chain link fences, BS EN 12839:2012 - Precast concrete products - Elements for fences, local building regulations, codes of practice, and site-specific risk assessments. While every attempt has been made to verify the accuracy of the content in this guide upon its release, we cannot accept liability for any losses or damages resulting from inaccuracies. All tasks outlined must be carried out by certified professionals. Any deviation from these instructions nullifies any guaranteed entitlement or liability from the manufacturer.

Copyright: The copyright of this guide is owned by First Fence Ltd and is protected at all times. Reproduction of this guide by any means is strictly prohibited without prior written consent from First Fence Ltd.

Contact: For enquiries regarding the installation, operation or contents of the guide in relation to this product please direct your questions to: The Product and Drawing Office Manager, First Fence Ltd, Off Kiln Way, Swadlincote, South Derbyshire DE11 8EA. Or The Product and Drawing Office Manager sales@firstfence.co.uk +44 1283 380054.

Manufacturer and/or Reseller: First Fence Ltd, Off Kiln Way, Swadlincote, South Derbyshire DE11 8EA. www.firstfence.co.uk +44 1283 380054.

Competence: This product must be installed by a person of competence, defined as an individual who possesses the necessary knowledge, skill and experience in the installation of fences and gates.

Liability: This installation guide should be understood and followed before any installation activities commence. If any area of the installation is unclear, the installer must contact the manufacturer, outlined in 'Contact.' First Fence Ltd takes no responsibility for incorrectly installed systems, product, material or components.


1.0 Safety & Tools

Personal Protective Equipment (PPE)

The following minimum PPE is required for installation:


Hard Hat

Must be worn




Eye Protection

Must be worn




Safety Gloves

For all material handling



Foot Protection

Must be worn



Risk Assessment

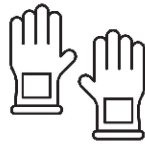
Installers are responsible for completing a site-specific risk assessment and complying with all local risk assessments before starting work. This responsibility includes, but isn't limited to, the following:

Activity	Risk Assessment Requirements and Not Limited to
Breaking ground for post hole excavations	Noise Vibration Manual Handling
Post Installation	Hazardous Substances (COSHH) Manual Handling
Installation of Fixings	Noise Vibration Working at Height

Tools & Equipment

Safety Gloves

Required for all material handling.
Required for any COSHH tasks
including post mix. Required for any
installation tasks.



Spanner/Torque Wrench

Required for M8 Hex head
nuts and bolts



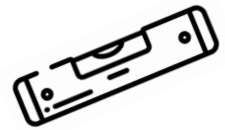
Time

Required for post
mix curing.



Spirit Level

For plumb (vertical) and
level installation



Shovel/Excavation

For excavation of holes to
suit post foundations



Cable Avoidance Tool

To identify hidden services
embedded in the wall



2.0 Pre-Installation

Site Survey & Ground Condition

Thoroughly inspect the proposed fence line. Assess the ground's condition and structural integrity. Soft soil, waterlogged areas, or very rocky ground may require different installation methods for the concrete posts. Ensure the entire path where the fence will run is clean and clear of obstructions like vegetation, roots, and debris.

Underground Services

Before any digging or excavation for the post holes, it is critical to establish and mark the locations of all underground services. Use a Cable Avoidance Tool (CAT) and consult utility plans to locate any buried electrical cables, water pipes, gas lines, or drainage systems to prevent dangerous and costly damage.

Materials Check

Unpack all the fencing components and verify that everything has been delivered and is undamaged. Check the concrete posts, rolls of chain link, straining wires, and all fixings against the Bill of Materials or delivery note. Ensure the concrete posts are free from significant cracks or damage, and the chain link is not corroded or deformed.

3.0 Installation

This guide provides a step-by-step process for installing a durable and secure chain link fence using concrete end, corner, two-way, and intermediate posts. For a successful installation, do not skip steps and pay close attention to curing times.

Understand Your Posts:

End Posts: Used where a line of fencing starts or stops.

Corner Posts: Used for 90-degree turns.

Two-Way Straining Posts: Used for significant changes in angle that are not 90 degrees, or in very long straight runs, every 30m.

Intermediate Posts: The lighter posts used to support the fence line between the straining posts.

Struts: Angled support posts that brace End and Corner posts against the tension of the wire.

Step 1: Mark Out the Fence Line

Establish Corners: Use markers e.g. wooden stakes (not provided) into the ground at the exact location of all end and corner posts.

Run a String Line: Tie a builder's string line tightly between these markers, running it along the intended fence line. This line represents the outside face of your fence.

Mark Post Positions: Use spray paint or additional markers to mark the centre point for every single post along the string line. Intermediate posts should be spaced no more than 3 metres (10ft) apart.

Step 2: Excavate Post Holes

SYSTEM HEIGHT	TOTAL POST LENGTH	DIG IN DEPTH
0.9m	1570mm	670mm
1.2m	1850mm	650mm
1.5m	2310mm	810mm
1.8m	2610mm	810mm

Hole Width: The hole should be roughly three times the width of the post. For a standard 125mm post, a hole around 350-400mm square is ideal.

Drainage: In heavy clay soil, it's good practice to add a 10-15cm layer of gravel or broken stone to the bottom of each hole to improve drainage and prevent frost heave. If adding this layer, you may need to dig the hole deeper.

Step 3: Set the Straining Posts (Ends & Corners)

Do NOT set intermediate posts yet. The entire structure relies on getting these key posts right first.

Position the Post: Place your first End or Corner post into its hole.

Plumb the Post: Use a spirit level on two adjacent sides to ensure the post is perfectly vertical (plumb).

Brace Securely: Use timber battens and stakes (not provided) to brace the post firmly in its plumb position. It must not move when you pour the concrete.

Mix and Pour Concrete: Mix your post concrete according to the manufacturer's instructions (do not make it too wet). Pour it into the hole, tamping it down as you go to remove air pockets.

Repeat this process for ALL End, Corner, and Two-Way posts. Please see Appendix 1 for types of post that exist for chain link. Two-Way posts should be placed every 30m on long, straight runs.

CURE! This is the most important part. Allow the concrete to cure for a minimum of 48-72 hours. Do not touch the posts or attempt any further work on them during this time.

Step 4: Install Struts

Struts are essential to counteract the immense force of the tensioned wire.

Positioning: A strut braces a straining post, angled down towards the ground. End posts get one strut facing inwards along the fence line. Corner posts get two struts, one along each fence line.

Installation: Bolt the top of the strut to the straining post about two-thirds of the way up. The bottom of the strut should be set in its own concrete footing. Note, struts are not mechanically fixed to the post, they interlock into the post notch.

Step 5: Set the Intermediate Posts

Run a Top Line: Tie a new string line tightly between the tops of your now solid straining posts. This ensures all your intermediate posts will be at the same height.

Set to the Line: Place each intermediate post in its hole and position it so its top just touches the string line and its face is flush with the main fence line.

Plumb and Concrete: Use your spirit level to ensure each post is plumb, then concrete them in place. Allow these to cure for at least 24-48 hours.

Step 6: Hang the Chain Link and Tension Wires

Please refer to assembled illustration in Appendix 2. Refer to product web page bill of quantities for exact number of line wires for your system.

Attach Fittings: Fit any tensioning hardware (e.g., eye bolts, winding brackets) to all your straining posts.

Install Line Wires: Thread the line wires (straining wires) through the pre-drilled holes in the intermediate posts.

There should be a top wire and a bottom wire. For fences over 1.2m, a middle wire is also recommended.

Hang the Mesh: Starting at one end post, stand the roll of chain link up and unroll it along the outside of the fence line.

First Stretcher Bar: Weave a metal stretcher bar vertically down through the first few links of the mesh. Use tension bands or wire to attach this bar securely to your first end post.

Step 7: Tension the Fence

Pull by Hand: Walk the mesh to the next straining post (corner or end), pulling it hand-tight as you go to remove slack.

Attach Tensioner: Weave a second stretcher bar through the mesh about 1m away from the corner/end post. Hand pull stretcher bar; force or leverage may be required. Chain link needs to expand in uniform diamond patterns; too much tension may distort it while not enough will make it sag.

Final Bar: Once tensioned, measure and cut the mesh to length. Remove a strand weave to trim the chain link roll to length, then slide the tension bar into the mesh and attach it to the termination post.

Step 8: Final Fixings



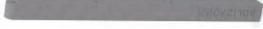
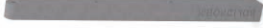
Tension the Line Wires: Use your winding brackets or tensioners to tighten the top, middle, and bottom line wires until they are taut.

Tie Off: Using tie wire or hog rings, secure the chain link mesh to the line wires at 300mm intervals.







Secure to Posts: Secure the mesh to every intermediate post in at least three places (top, middle, bottom). Hog rings are used as close as possible to the post to attach it to the wire. It is recommended that you use a hog ring clip gun for efficient and secure installation.

Your installation is now complete.








4.0 Bill of Materials (Intermediate Post Kits, each consists of one post)

Illustration	Component Name	Component Code	Quantity
	Intermediate Post 0.9m 1570 x 125/125 X 75/75mm	CHAIN-CON-1050	1
	Intermediate Post 1.2m 1850 x 125/125 X 75/75mm	CHAIN-CON-1140	1
	Intermediate Post 1.5m 2310 x 125/125 X 75/75mm	CHAIN-CON-1150	1
	Intermediate Post 1.8m 2610 x 125/125 X 75/75mm	CHAIN-CON-1200	1







End Post Kit 0.9m High System - CHAIN-KIT-1100

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK END POST (1570 x 125 x 125mm)	CHAIN-CON-2050	1
	CONCRETE STRUT (1500 x 100 x 85mm)	CHAIN-CON-5050	1
	CHAIN LINK STRETCHER BAR (900mm)	CHAIN-CON-0300	1
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	3
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	1







Two-Way Post Kit 0.9m High System - CHAIN-KIT-3100

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK TWO WAY POST (1570 x 125 x 125mm)	CHAIN-CON-4050	1
	CONCRETE STRUT (1500 x 100 x 85mm)	CHAIN-CON-5050	2
	CHAIN LINK STRETCHER BAR (900mm)	CHAIN-CON-0300	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6
	CHAIN LINK GALVANISED LOOP NUT	CHAIN-CON-1125	3








Corner Post Kit 0.9m High System - CHAIN-KIT-2100

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK CORNER POST (1570 x 125 x 125mm)	CHAIN-CON-3050	1
	CONCRETE STRUT (1500 x 100 x 85mm)	CHAIN-CON-5050	2
	CHAIN LINK STRETCHER BAR (900mm)	CHAIN-CON-0300	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	6
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6







End Post Kit 1.2m High System - CHAIN-KIT-1150

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK END POST (1850 x 125 x 125mm)	CHAIN-CON-2100	1
	CONCRETE STRUT (1590 x 100 x 85mm)	CHAIN-CON-5100	1
	CHAIN LINK STRETCHER BAR (1200mm)	CHAIN-CON-0320	1
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	3
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	3







Two-Way Post Kit 1.2m High System - CHAIN-KIT-3150

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK TWO WAY POST (1850 x 125 x 125mm)	CHAIN-CON-4100	1
	CONCRETE STRUT (1590 x 100 x 85mm)	CHAIN-CON-5100	2
	CHAIN LINK STRETCHER BAR (1200mm)	CHAIN-CON-0320	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6
	CHAIN LINK GALVANISED LOOP NUT	CHAIN-CON-1125	3








Corner Post Kit 1.2m High System- CHAIN-KIT-2150

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK CORNER POST (1850 x 125 x 125mm)	CHAIN-CON-3100	1
	CONCRETE STRUT (1590 x 100 x 85mm)	CHAIN-CON-5100	2
	CHAIN LINK STRETCHER BAR (1200mm)	CHAIN-CON-0320	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	6
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6







End Post Kit 1.5m High System - CHAIN-KIT-1200

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK END POST (2310 x 125 x 125mm)	CHAIN-CON-2150	1
	CONCRETE STRUT (2130 x 100 x 85mm)	CHAIN-CON-5150	1
	CHAIN LINK STRETCHER BAR (1500mm)	CHAIN-CON-0340	1
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	3
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	3







Two-Way Post Kit 1.5m High System - CHAIN-KIT-3200

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK TWO WAY POST (2310 x 125 x 125mm)	CHAIN-CON-4150	1
	CONCRETE STRUT (2130 x 100 x 85mm)	CHAIN-CON-5150	2
	CHAIN LINK STRETCHER BAR (1500mm)	CHAIN-CON-0340	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6
	CHAIN LINK GALVANISED LOOP NUT	CHAIN-CON-1125	3








Corner Post Kit 1.5m High System - CHAIN-KIT-2200

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK CORNER POST (2310 x 125 x 125mm)	CHAIN-CON-3150	1
	CONCRETE STRUT (2130 x 100 x 85mm)	CHAIN-CON-5150	2
	CHAIN LINK STRETCHER BAR (1500mm)	CHAIN-CON-0340	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	6
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6







End Post Kit 1.8m High System - CHAIN-KIT-1250

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK END POST (2610 x 125 x 125mm)	CHAIN-CON-2200	1
	CONCRETE STRUT (2600 x 100 x 85mm)	CHAIN-CON-5200	1
	CHAIN LINK STRETCHER BAR (1800mm)	CHAIN-CON-0360	1
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	3
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	3

Two-Way Post Kit 1.8m High System - CHAIN-KIT-3250

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK TWO WAY POST (2610 x 125 x 125mm)	CHAIN-CON-4200	1
	CONCRETE STRUT (2600 x 100 x 85mm)	CHAIN-CON-5200	2
	CHAIN LINK STRETCHER BAR (1800mm)	CHAIN-CON-0360	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	3
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6
	CHAIN LINK GALVANISED LOOP NUT	CHAIN-CON-1125	3

Corner Post Kit 1.8m High System - CHAIN-KIT-2250

Illustration	Component Name	Kit Sku	Qty
	CONCRETE CHAIN LINK CORNER POST (2610 x 125 x 125mm)	CHAIN-CON-3200	1
	CONCRETE STRUT (2600 x 100 x 85mm)	CHAIN-CON-5200	2
	CHAIN LINK STRETCHER BAR (1800mm)	CHAIN-CON-0360	2
	CHAIN LINK 250mm EYE BOLT	CHAIN-CON-6050	6
	CHAIN LINK ANGLE CLEAT (50 x 50mm)	CHAIN-CON-1075	6
	M8 x 40mm GALVANISED HEX NUT/BOLT/WASHER	CHAIN-CON-1100	6

5.0 Installation Sign-Off Checklist

Action	Description	Pass/Fail
Post Alignment & Height	Check that all posts (intermediate, strainer, and corner) are upright (plumb), in a straight line, and at a consistent height above ground level.	
Post Spacing	Measure the distance between several intermediate posts to ensure they are spaced correctly, typically no more than 3 metres apart.	
Post Foundations	Visually inspect the concrete foundations at the base of each post. They should be neat, flush with or slightly domed above ground level, and show no signs of cracking or instability.	
Stretcher Bars	Ensure a stretcher bar is correctly threaded through the end of each roll of mesh and is securely fixed to the strainer/corner posts with winder bolts or eye bolts.	
Line Wires	Check that all line wires (typically top, middle, and bottom) are taut and run parallel to the ground. They should be securely attached to each intermediate post, usually with tying wire.	
Mesh Tension	The chain link mesh should be tensioned evenly from top to bottom. It should be "drum-tight," with no sagging between posts.	
Mesh Fixing	Verify the mesh is securely attached to all line wires using hog ring clips at regular intervals (300mm). The bottom of the mesh should be a consistent distance from the ground.	

Sign Off Declaration:

I hereby confirm the this product has been assembled and installed in accordance with the above requirements and any remedial works have been carried out before the final sign off:

Site Supervisor

Sign Off Date

Relationship to the Client

Signature

6.0 Maintenance Schedule

Regular inspection and maintenance are critical to ensure the system remains safe and effective, in line with the requirements of BS 1722-1 for chain link fencing. The person responsible for site safety should ensure these checks are carried out.

Check Area	Recommended Action	Frequency	Reference
General System Integrity	Visually inspect the entire fence line for signs of sagging mesh, damage, or post movement. Check for any unauthorised modifications.	Monthly & After Adverse Weather	BS 1722-1
Post Security & Condition	Check all concrete posts for signs of leaning, displacement, or damage such as cracking or chipping. Verify they are secure in their foundations.	Monthly	BS 1722-1
Fixings & Tension	Physically check that stretcher bars are secure. Visually inspect tensioning fittings (e.g., winders) and tying wire/hog ring clips for signs of loosening, wear, or corrosion.	Weekly	Manufacturer's Spec
Mesh & Line Wire Condition	Inspect the chain link mesh and line wires for signs of significant corrosion, damage, or cuts. Ensure any protective coating (galvanised or PVC) is intact.	Monthly	BS 1722-1 Manufacturer's Spec

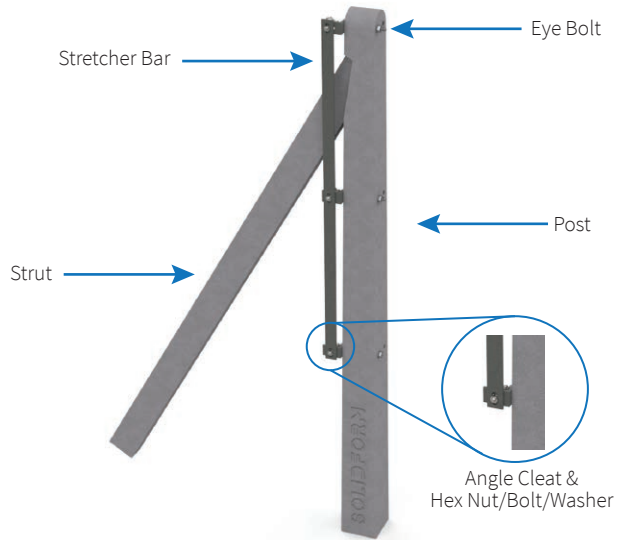
Take the hassle out of your maintenance schedule

First Fence Limited offers an annual inspection programme for your system. Contact our sales team today to include this quote onto your sales order.
highsecuritymaintenance@firstfence.co.uk

Appendix 1

Types of Post

End Post



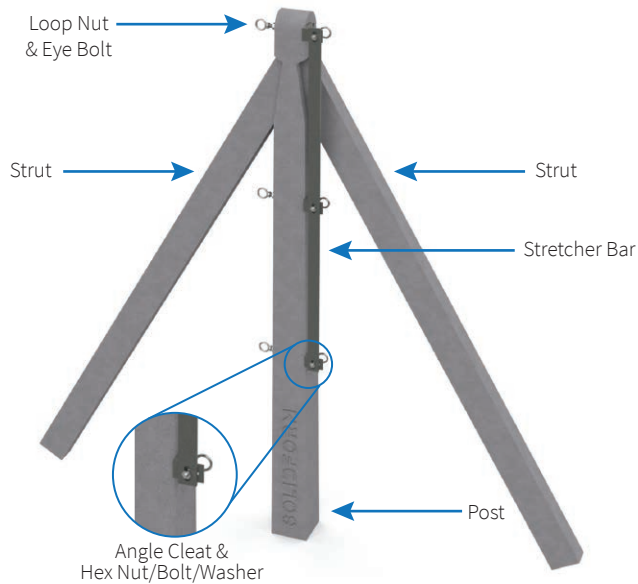
End Posts are used to begin or terminate a fencing run.

Intermediate Post



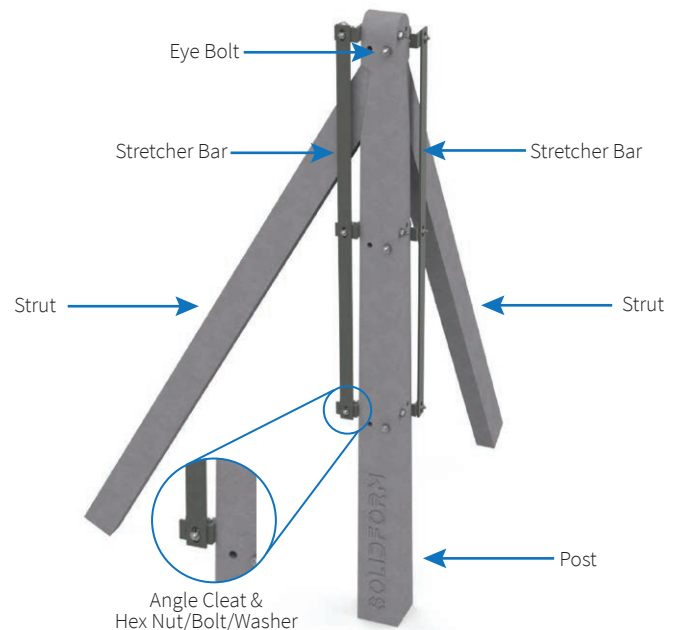
Intermediate post adds structural support, preventing sagging and helping to distribute tension evenly across the fence. Intermediate posts are recommended to be placed at 3.0m centres along the fencing structure between the end or corner posts.

Two-Way Post



Two-Way Posts: Ensure consistent tension throughout long, straight fencing runs. Use every 30m in place of one intermediate post.

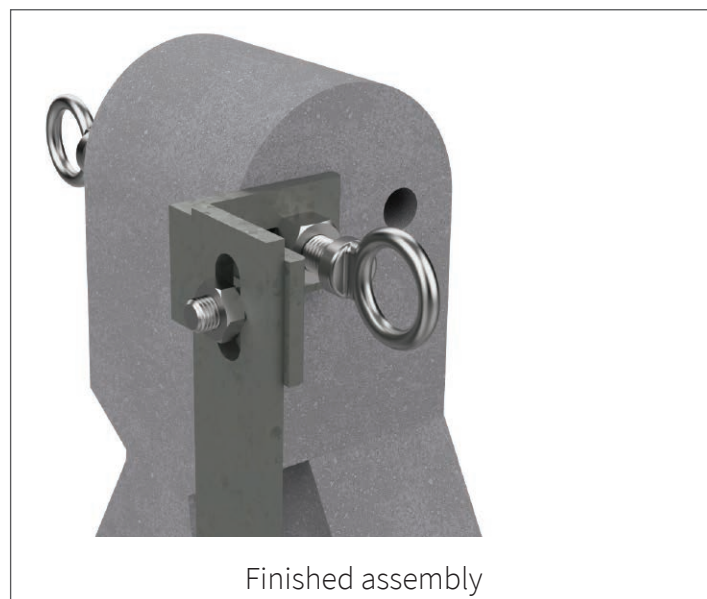
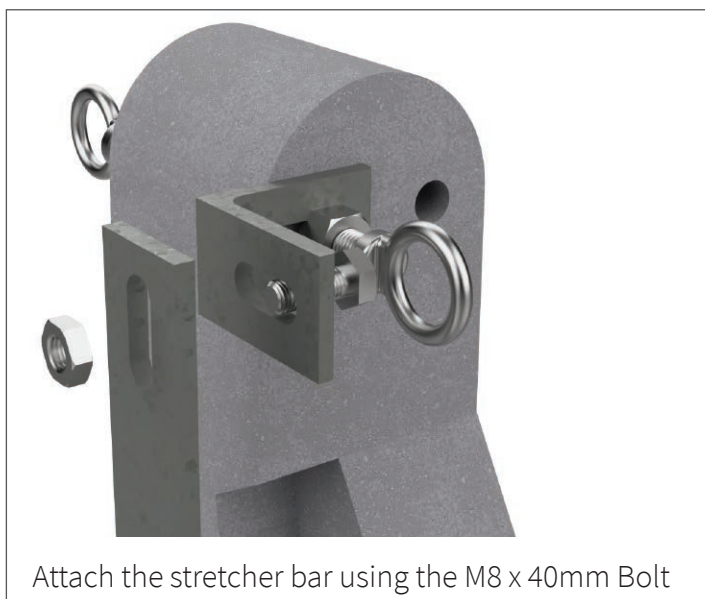
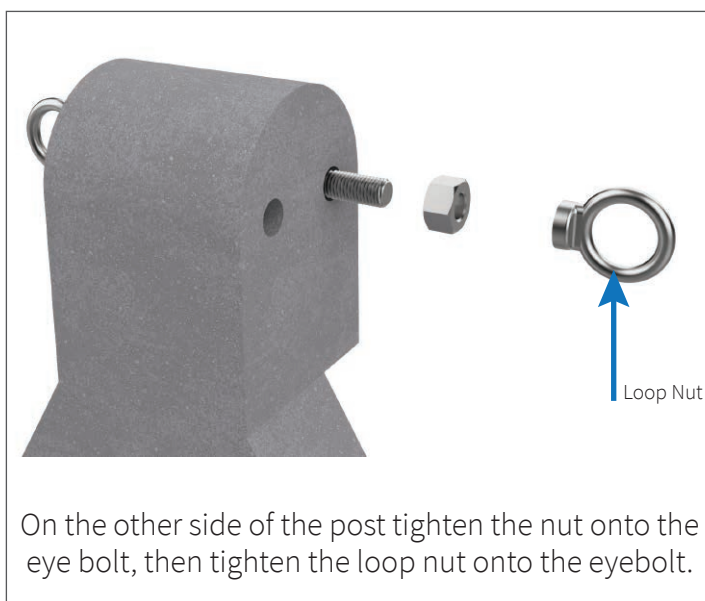
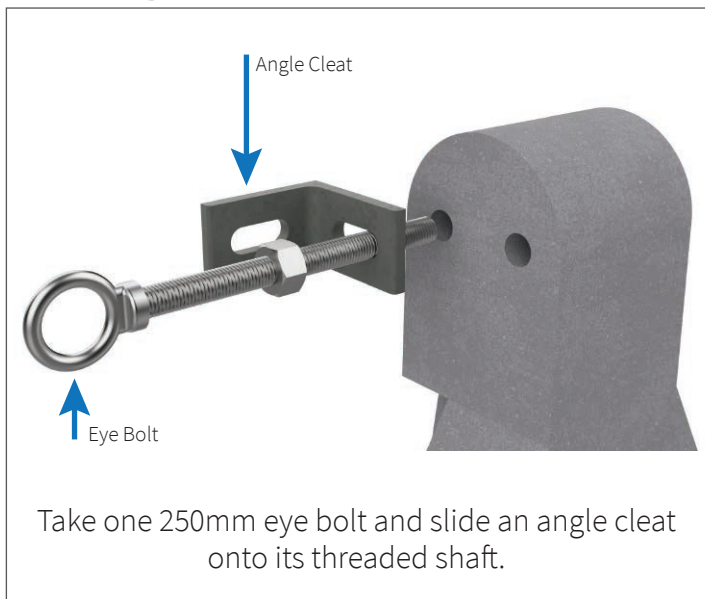
Corner Post



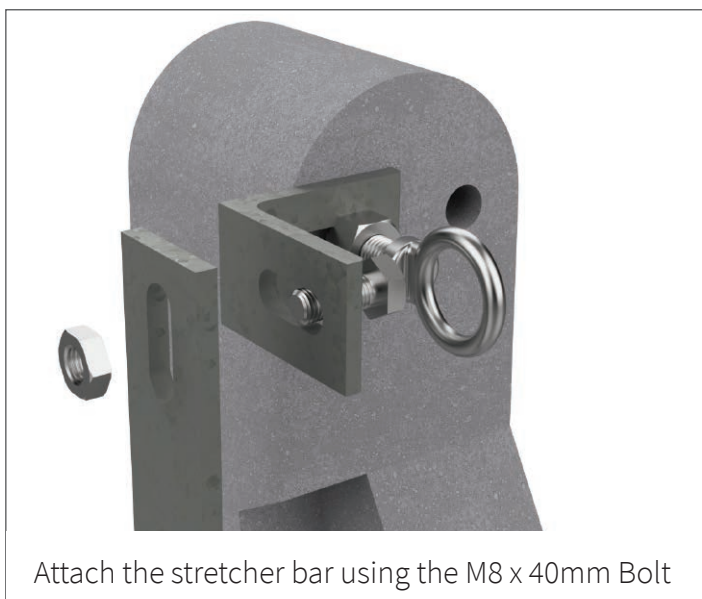
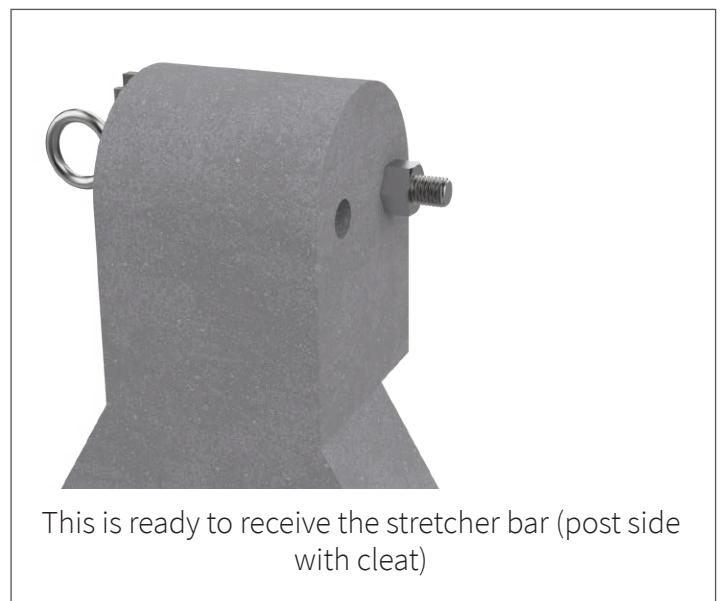
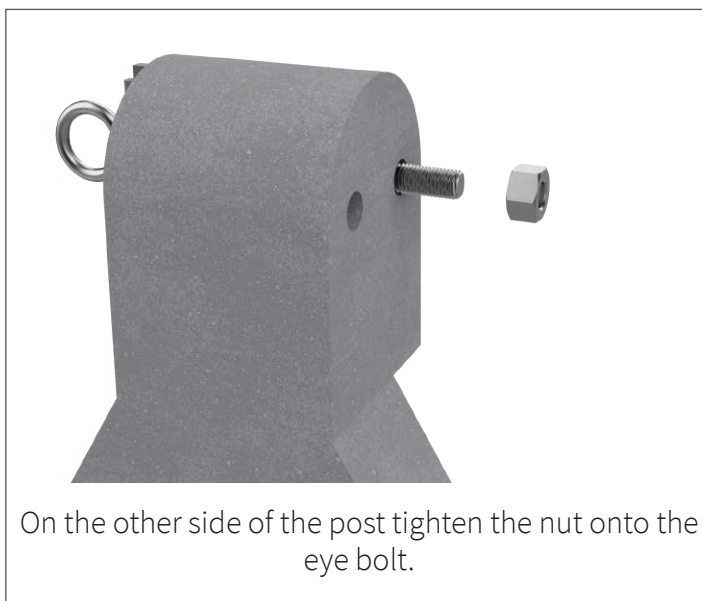
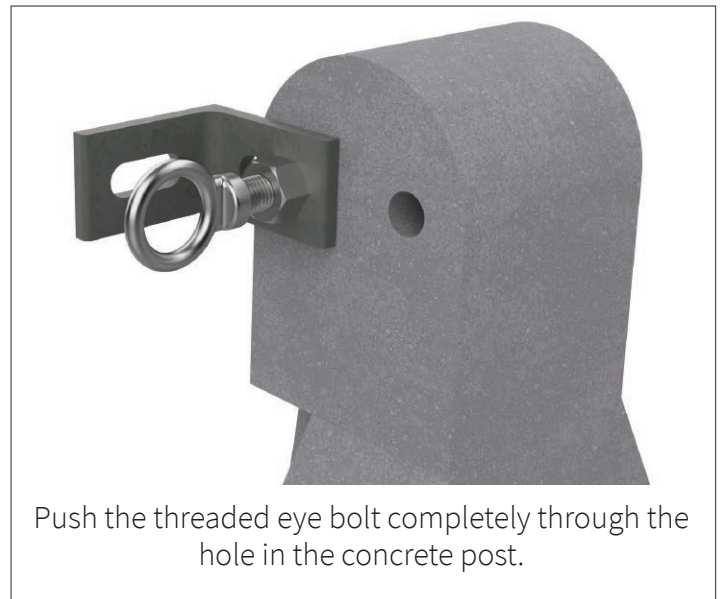
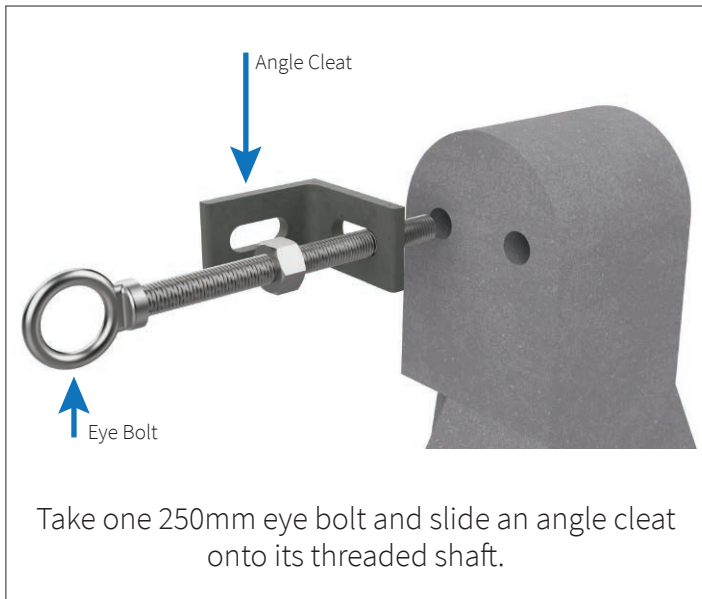
Corner Posts: Designed for when the fence changes direction. Tension is absorbed, ensuring the fence remains structurally sound.

Appendix 2

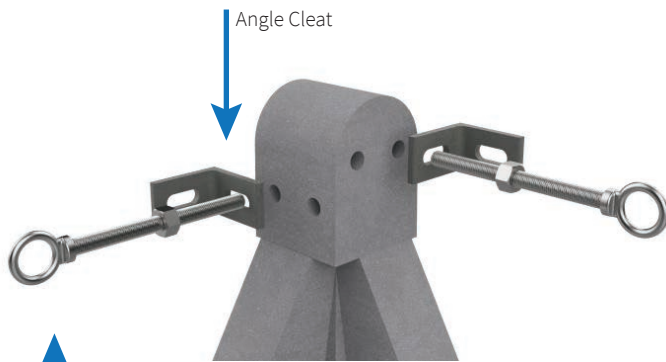
Fixings Assembly - Two Way Posts



Fixings Assembly - End Posts



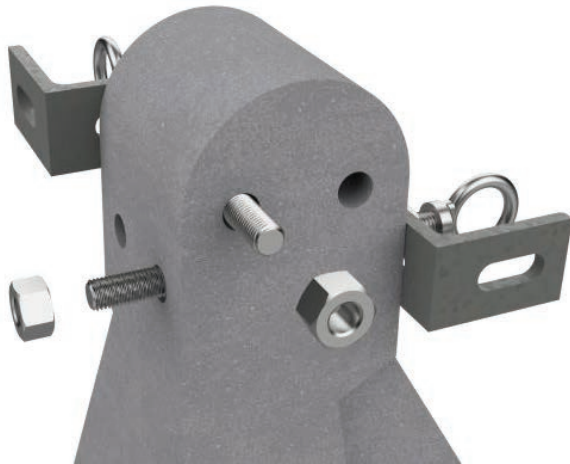
Fixings Assembly - Corner Posts



Take two 250mm eye bolt and slide an angle cleat onto the threaded shaft.



Push the threaded eye bolts completely through the holes in the concrete post.



On the other side of the post tighten the nuts onto the eye bolts.



This is ready to receive the stretcher bar (post side with cleat)

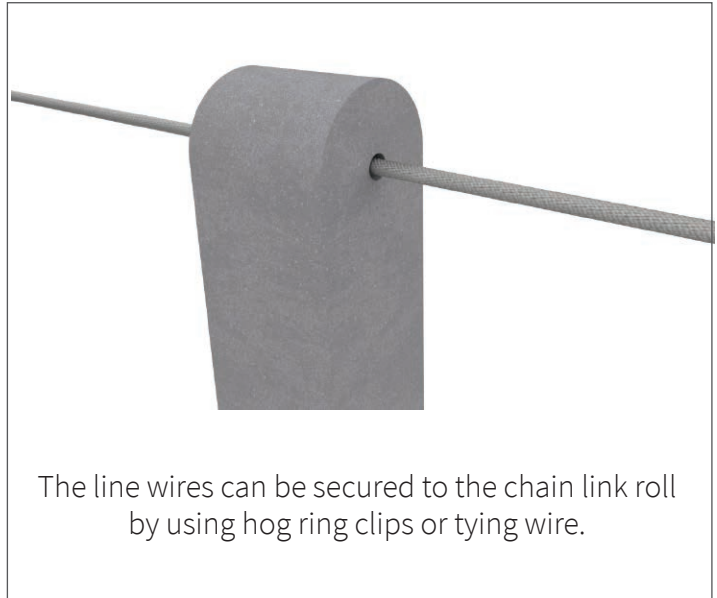
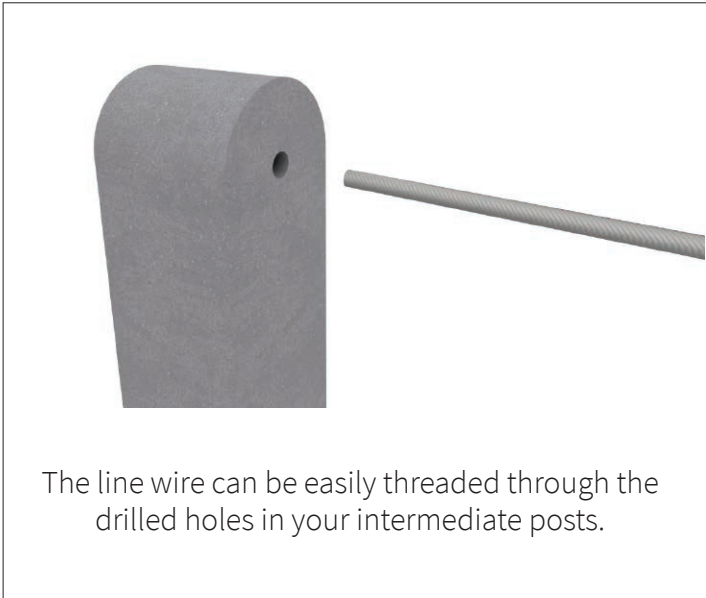


Attach the stretcher bar using the M8 x 40mm Bolt

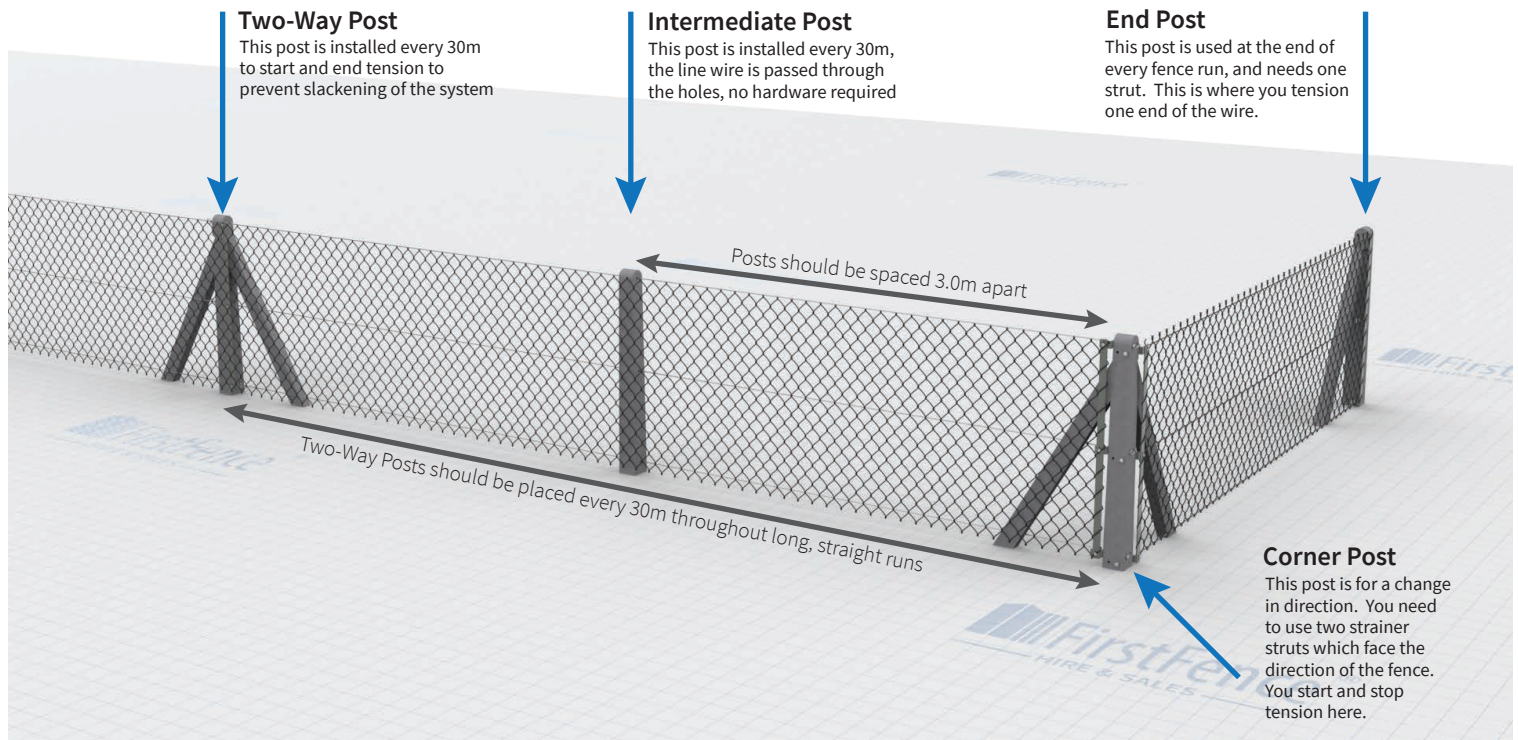


Finished assembly

Fixings Assembly - Intermediate Posts



Assembled System



Not to scale