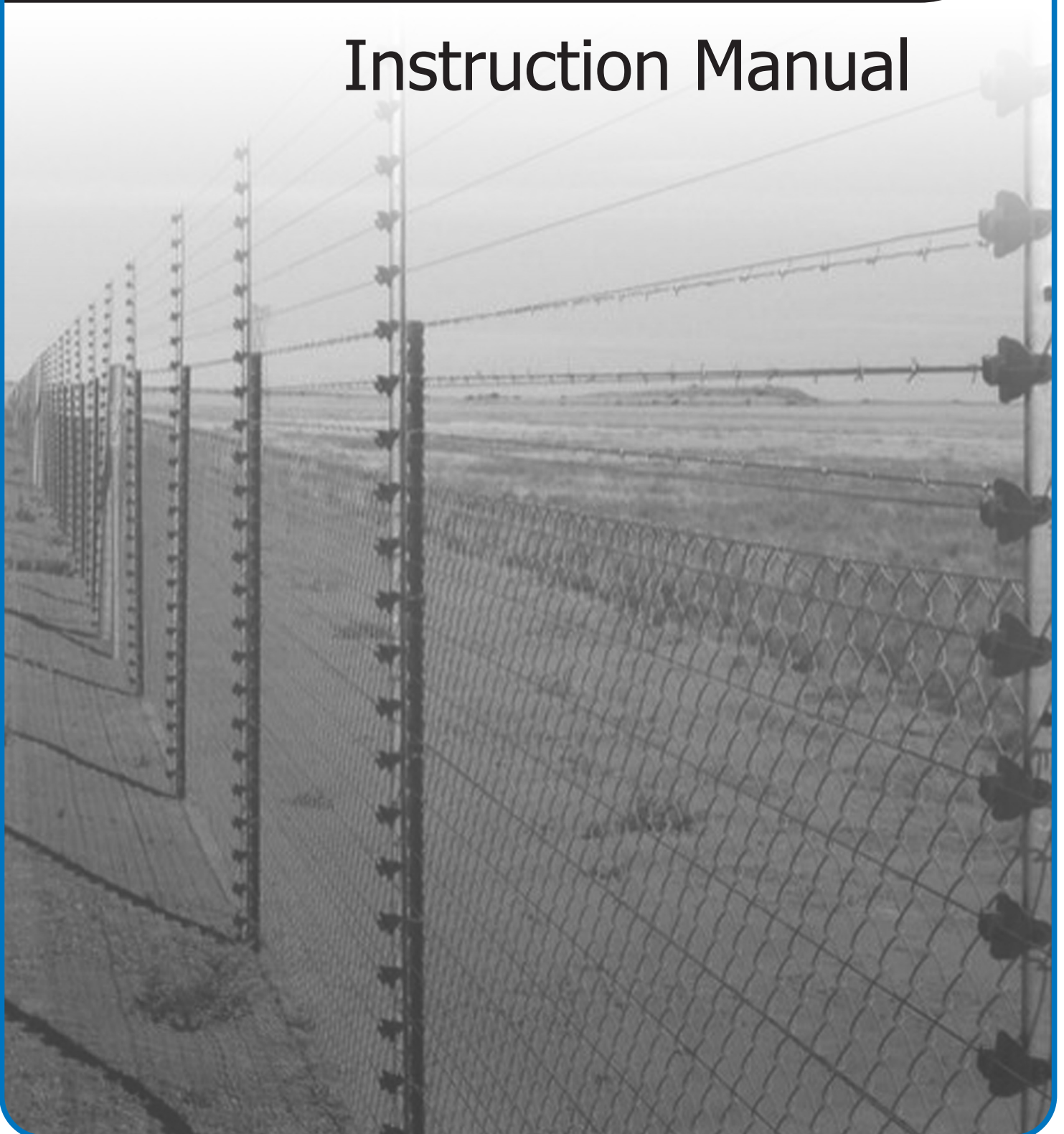


NEMTEK
Electric Fencing Products

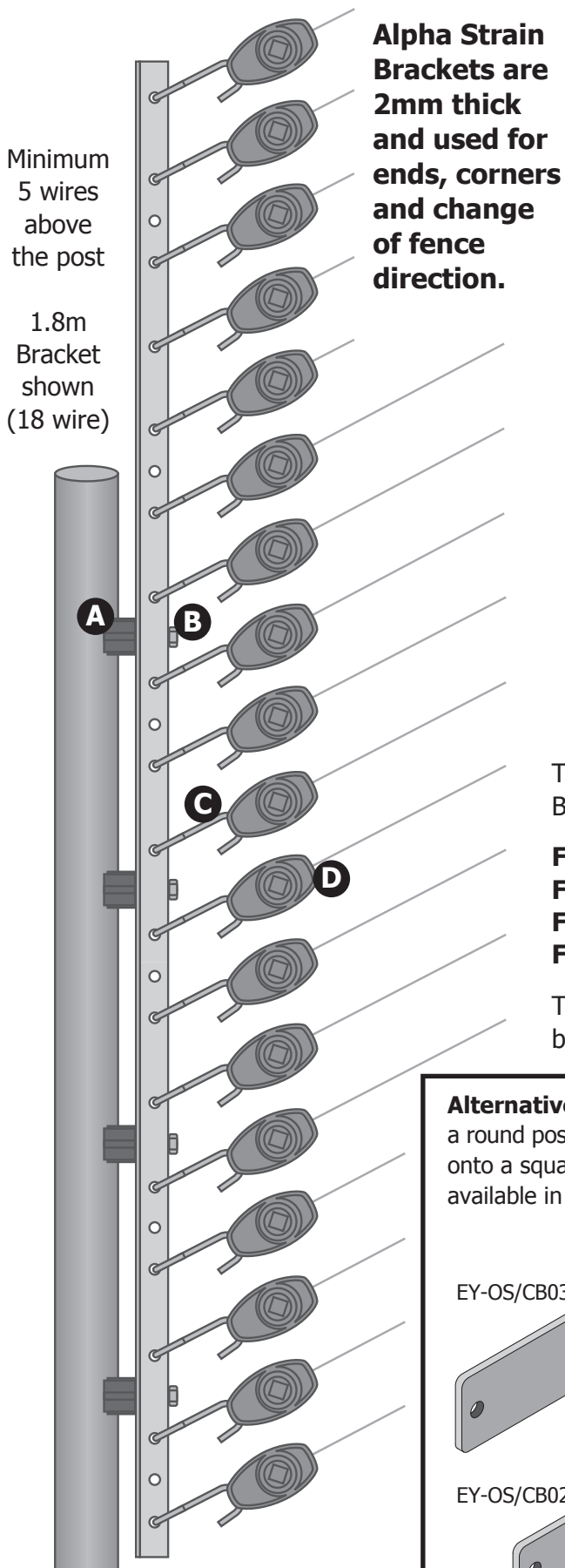


Alpha Brackets

Instruction Manual



Alpha end and corner Strain Bracket on round post

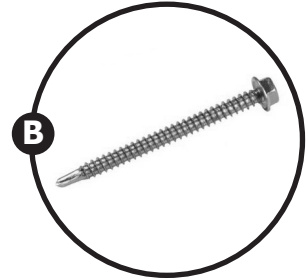


Key Elements

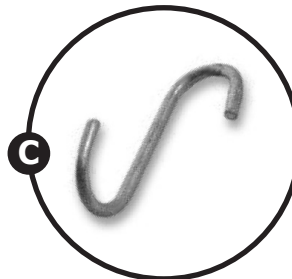
Omega Spacer
EY-O/SWT



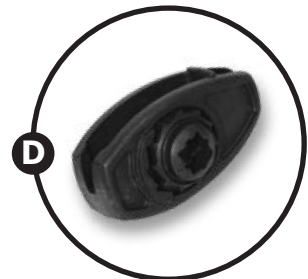
TEK Screws 14 x 102mm
EA-TEK14x102/DM



S-Hook
ES-HK/EP



Hybrid Combo Tensioner BB
ES-CTNTBB

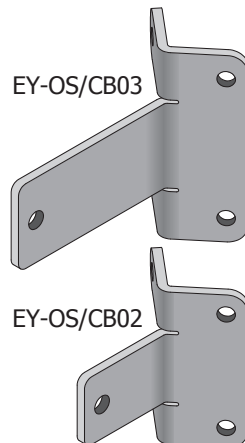


TEK Screws are placed through the middle of the Alpha Bracket and Spacers when mounting to round tube posts.

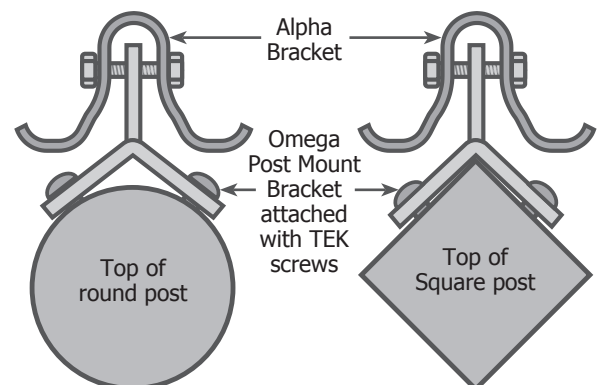
For 1.8m Alpha Bracket use 4 Omega Spacers
For 2.1m Alpha Bracket use 4 Omega Spacers
For 2.4m Alpha Bracket use 5 Omega Spacers
For 3.0m Alpha Bracket use 6 Omega Spacers

The above also applies to fence corner posts which should be 2mm thick XL coating.

Alternative to A: These Omega Post Mount Brackets can be mounted onto a round post (both intermediate and corner posts). They can also be mounted onto a square post, but only at the beginning and end corners. They are available in two lengths: 107mm (EY-OS/CB03) and 62mm (EY-OS/CB02).



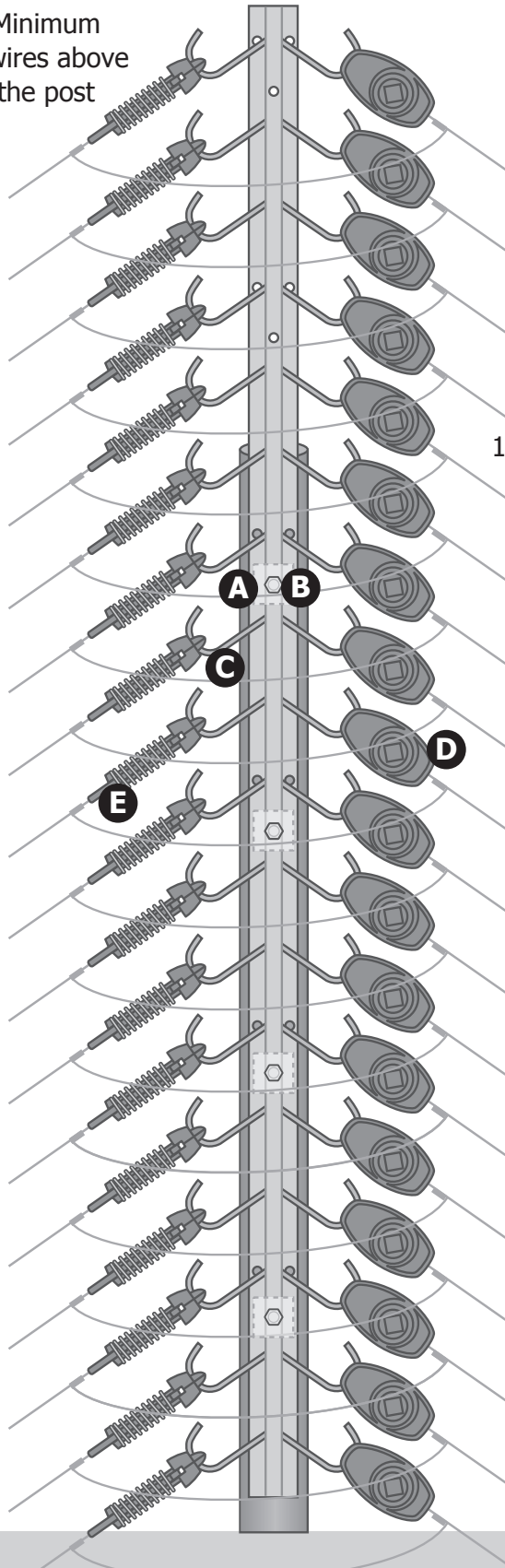
How to use the Omega Post Mount Brackets



Alpha Strainer Bracket on round end and corner post

Alpha Strainer Brackets are 2mm thick and used for ends, corners and change of fence direction.

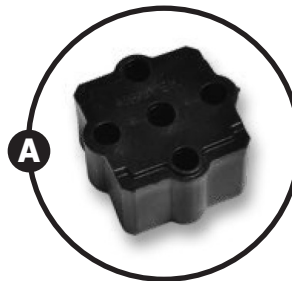
Minimum
5 wires above
the post



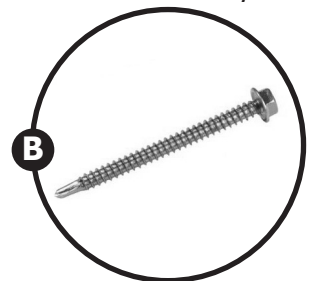
1.8m Bracket
shown
(18 wire)

Key Elements

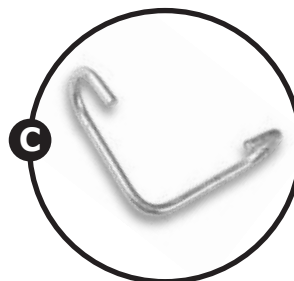
Omega Spacer
EY-O/SWT



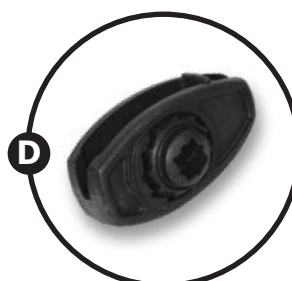
TEK Screws 14 x 102mm
EA-TEK14x102/DM



90 Degree S-Hook
ES-HK/EP/90DEG



**Hybrid Combo
Tensioner BB**
ES-CTNTBB



**Heavy Duty
Compression Spring 3**
ES-CNT3



Alternative to **D** and **E** combination:

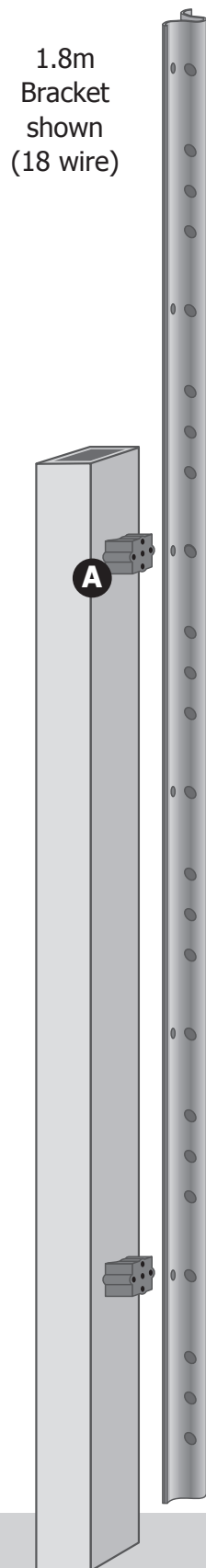
**Ultra Strain
Insulator**
EI-STB/R



**Heavy Duty
Compression Spring 4**
ES-CNT4HB



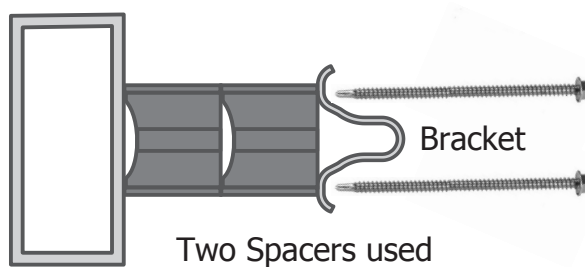
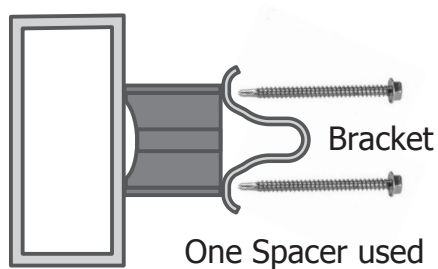
Alpha Strainer Bracket on square tube post or flat surface



Alpha Strainer Brackets are 2mm thick and used for ends, corners and change of fence direction.

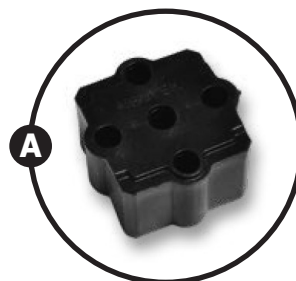
TEK Screws or Nail-in Anchors are placed either side of the Alpha Bracket and Spacers when attaching to square tube posts or a solid flat surface.

Top view of mounting

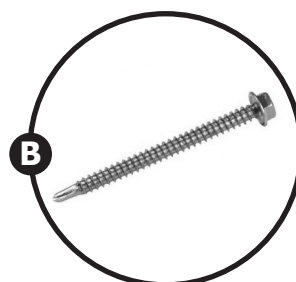


Key Elements

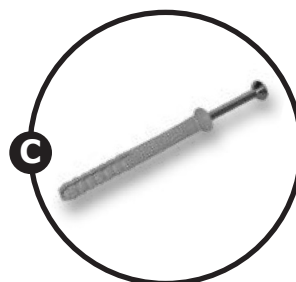
Omega Spacer
EY-O/SWT



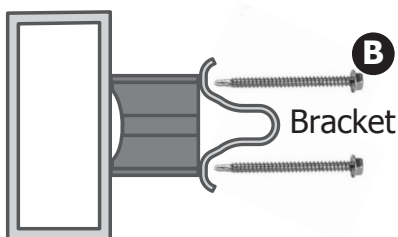
TEK Screws



Nail-in Anchors

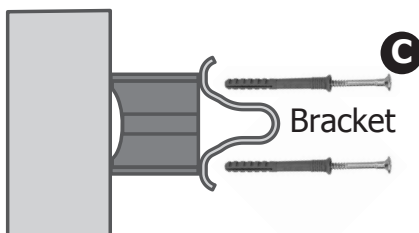


Steel tube mounting use TEK Screws



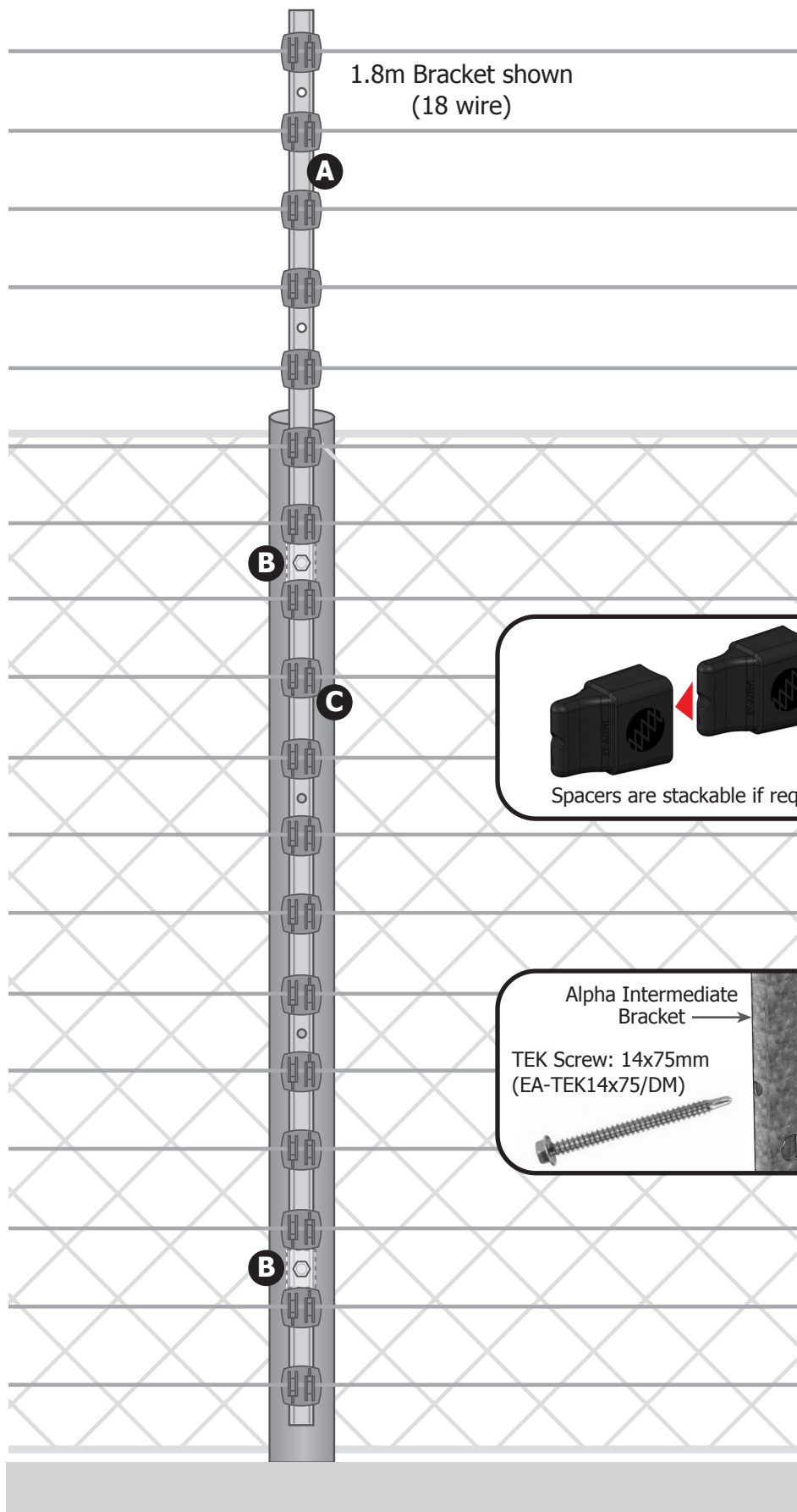
12 x 65mm TEK Screws
EA-TEK12x65/HDG

Solid wall mounting use Nail-in Anchors



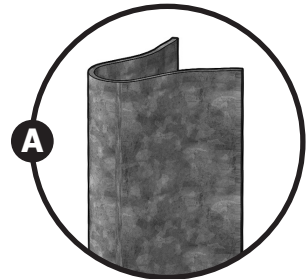
8 x 80mm Nail-in Anchors
EA-8800/XL

Alpha Intermediate Bracket (1mm) mounted onto post



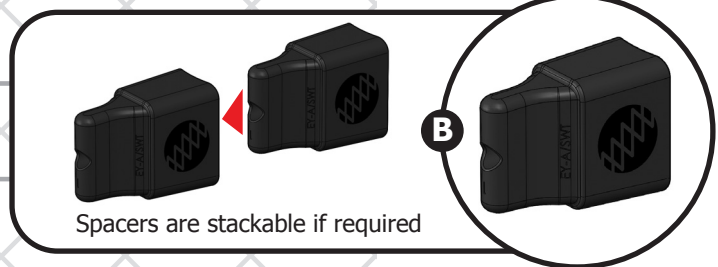
Key Elements

Alpha Intermediate Bracket

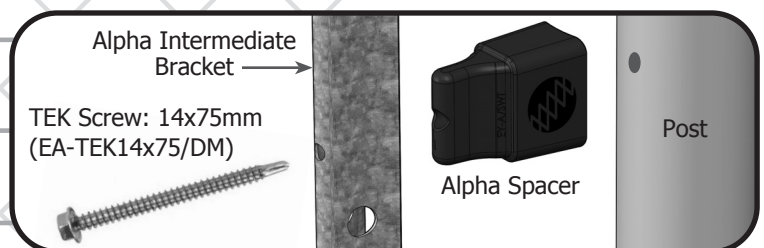


Slimmer than the Strainer Bracket with a different shape profile.

Alpha Spacer EY-A/SWT



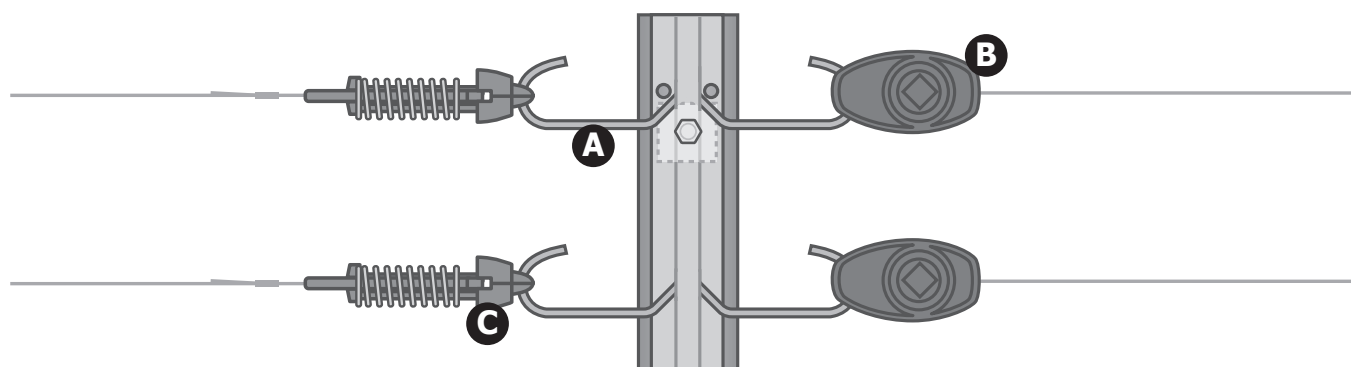
B: Only two Alpha Spacers are needed for Alpha intermediate posts.



Omega Insulator EI-OB



Application of 180 degree S-Hook for straight runs



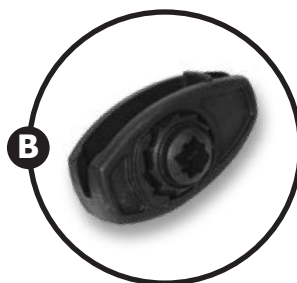
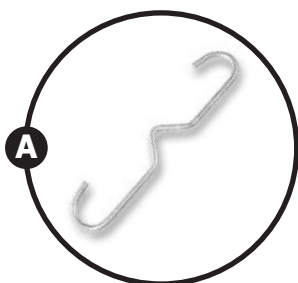
Primarily used as a zone splitter but also for mid-point fence tensioning in runs over 50 metres.

180 Degree S-Hook
ES-HK/EP/DS

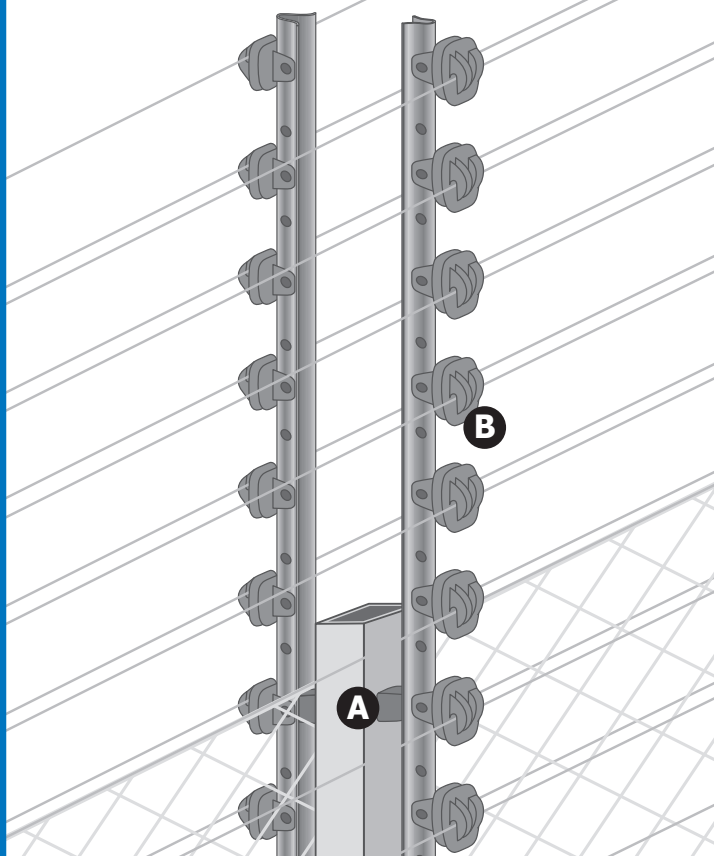
Hybrid Combo TensionerBB
ES-CTNTBB

Heavy Duty Compression Spring 3
ES-CNT3

Key Elements



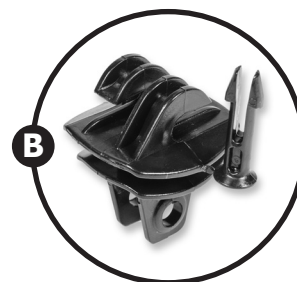
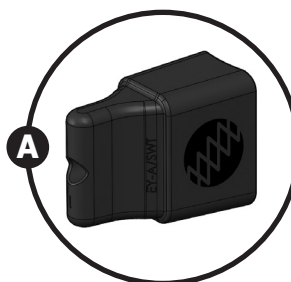
Anti-climb installation example



Key Elements

Alpha Spacer
EY-A/SWT

Omega Insulator
EI-OB

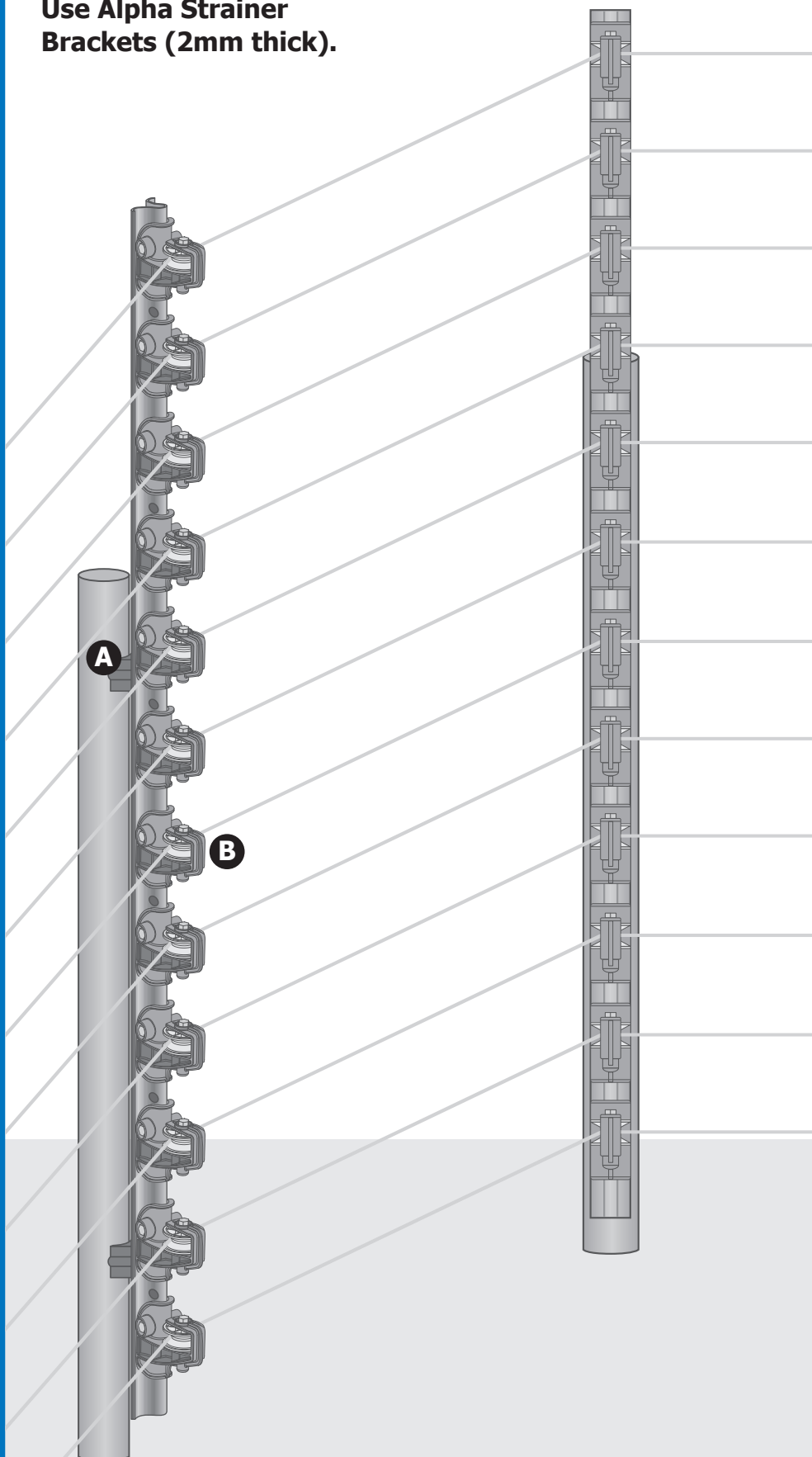


Alpha Intermediate Brackets are installed on both sides of the fence as an effective anti-climb measure.

With mesh fences the distance between the live wires and the mesh must be between 100mm and 200mm, this means that two Alpha Spacers or Omega Welded Brackets will be required on both sides of the post.

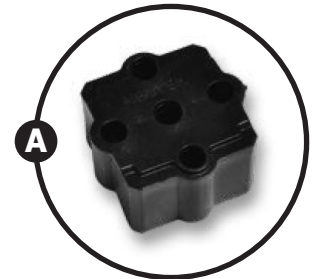
BTL3 Corner Insulator for change of fence direction

Use Alpha Strainer Brackets (2mm thick).

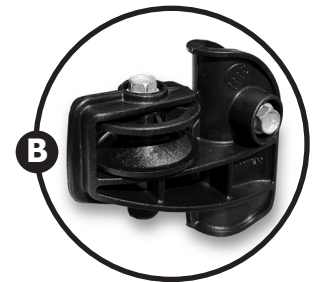


Key Elements

**Omega
Spacer**
EY-O/SWT

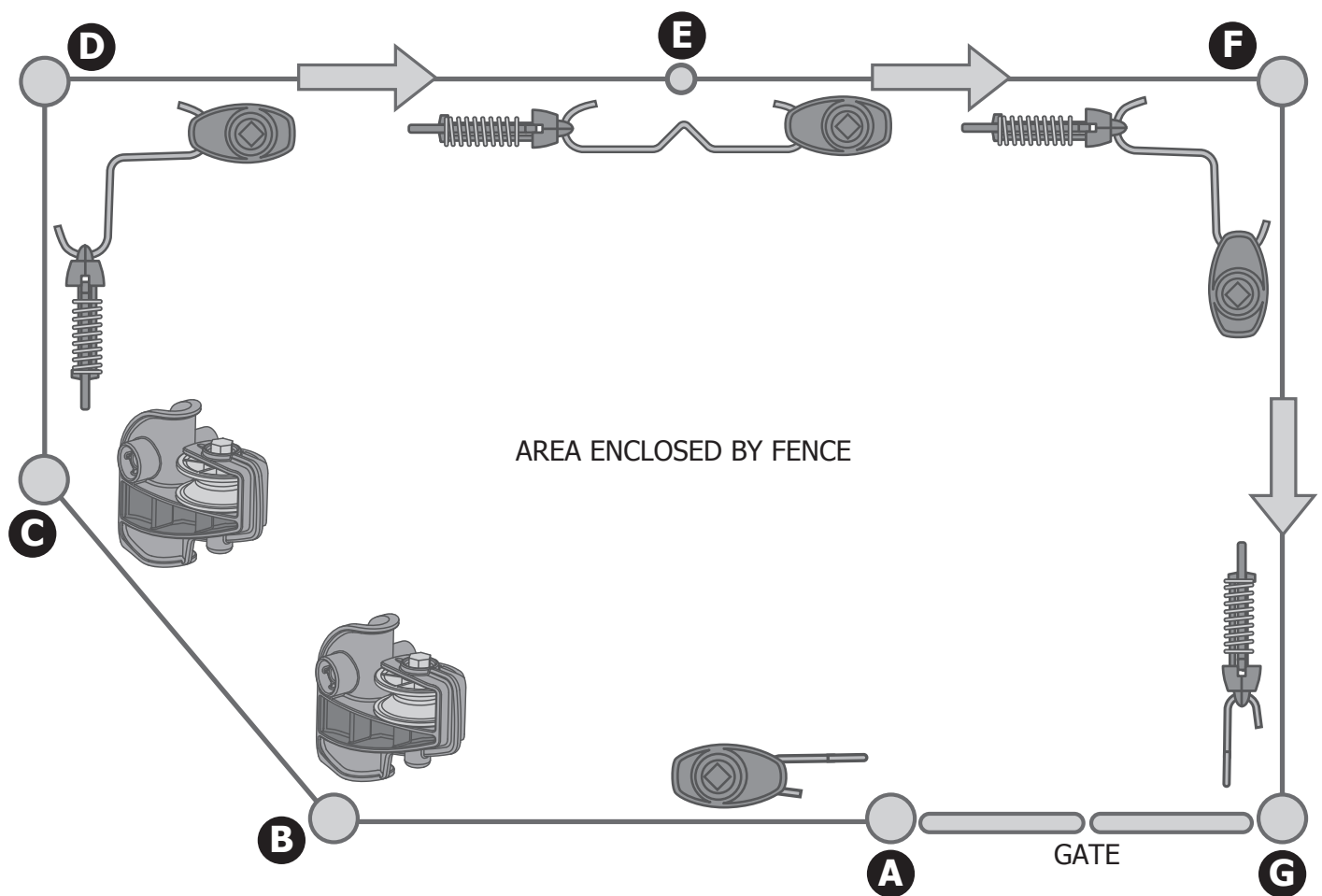


**BTL3 Corner
Insulator**
EI-BTL3



The BTL3 Corner insulator is used to guide the electric fence wires in corners and when changes of fence direction are required.

Alpha 24 line system example schematic - option 1



Fence Points

A: 24 x S-Hooks (ES-HK/EP); 24 x Combo Tensioners (ES-CTNTBB)

B: 24 x BTL3 Corner Insulators (EI-BTL3)

C: 24 x BTL3 Corner Insulators (EI-BTL3)

D: 24 x 90° S-Hooks (ES-HK/EP/90DEG); 24 x Combo Tensioners (ES-CTNTBB); 24 x Compression Springs (ES-CNT3)

E: 24 x 180° S-Hooks (ES-HK/EP/DS); 24 x Combo Tensioners (ES-CTNTBB); 24 x Compression Springs (ES-CNT3)

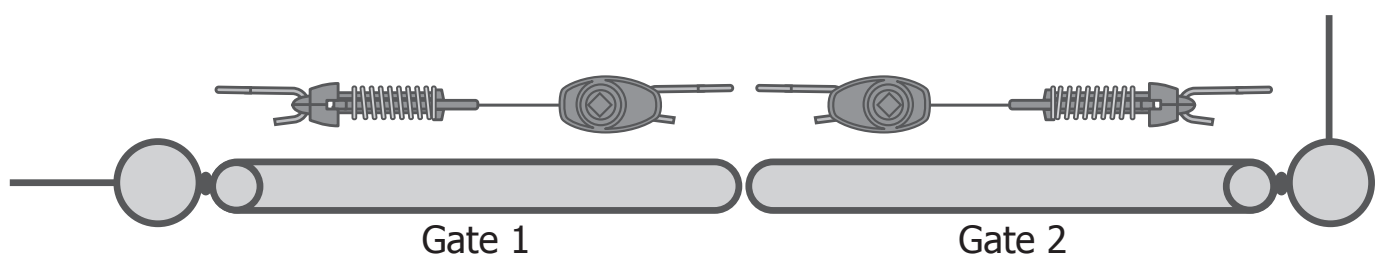
F: 24 x 90° S-Hooks (ES-HK/EP/90DEG); 24 x Combo Tensioners (ES-CTNTBB); 24 x Compression Springs (ES-CNT3)

G: 24 x S-Hooks (ES-HK/EP); 24 x Compression Springs (ES-CNT3)

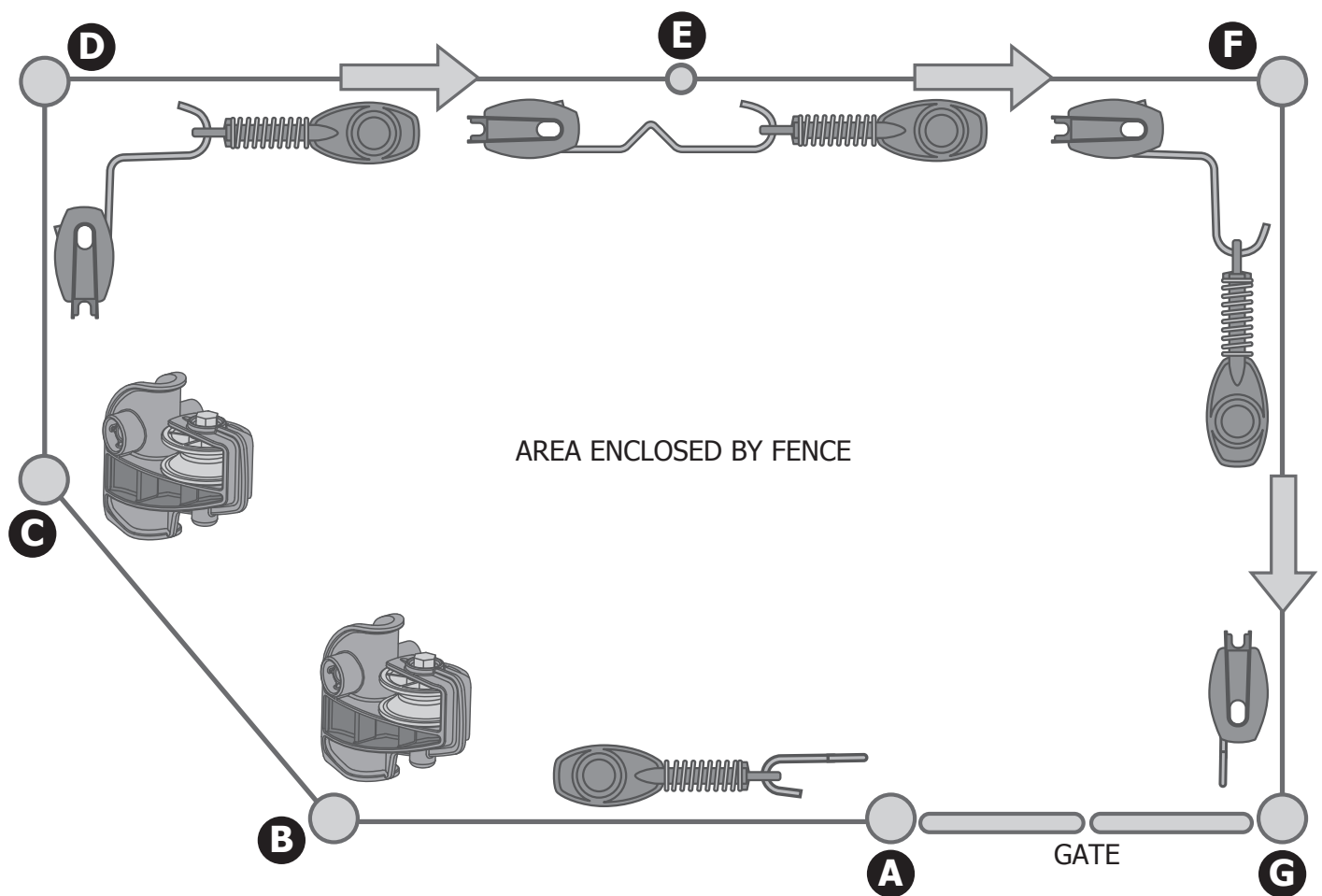
Gate Detail

Gate 1: 48 x S-Hooks (ES-HK/EP); 24 x Combo Tensioners (ES-CTNTBB); 24 x Compression Springs (ES-CNT3)

Gate 2: 48 X S-Hooks (ES-HK/EP); 24 x Combo Tensioners (ES-CTNTBB); 24 x Compression Springs (ES-CNT3)



Alpha 24 line system example schematic - option 2



Fence Points

A: 24 x S-Hooks (ES-HK/EP); 24 x Hybrid Compression Spring 4 (ES-CNT4HB)

B: 24 x BTL3 Corner Insulators (EI-BTL3)

C: 24 x BTL3 Corner Insulators (EI-BTL3)

D: 24 x 90° S-Hooks (ES-HK/EP/90DEG); 24 x Hybrid Compression Spring 4 (ES-CNT4HB); 24 x Strain Insulator (EI-STB/J)

E: 24 x 180° S-Hooks (ES-HK/EP/DS); 24 x Hybrid Compression Spring 4 (ES-CNT4HB); 24 x Strain Insulator (EI-STB/J)

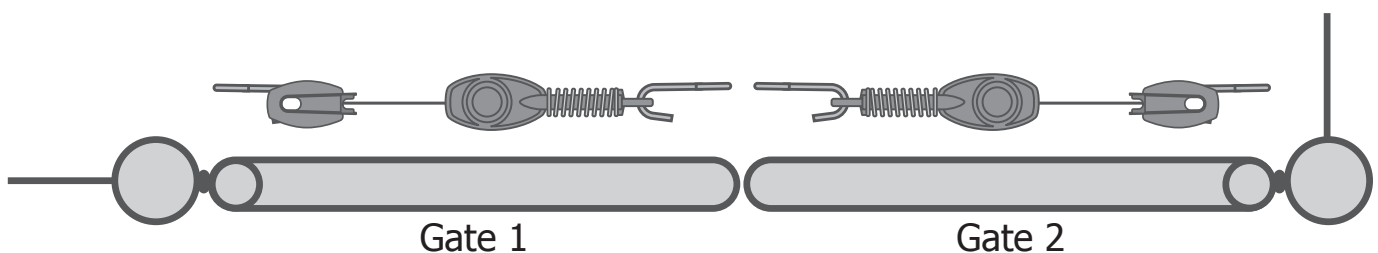
F: 24 x 90° S-Hooks (ES-HK/EP/90DEG); 24 x Hybrid Compression Spring 4 (ES-CNT4HB); 24 x Strain Insulator (EI-STB/J)

G: 24 x S-Hooks (ES-HK/EP); 24 x Strain Insulator (EI-STB/J)

Gate Detail

Gate 1: 48 x S-Hooks (ES-HK/EP); 24 x Hybrid Compression Spring 4 (ES-CNT4HB); 24 x Strain Insulator (EI-STB/J)

Gate 2: 48 X S-Hooks (ES-HK/EP); 24 x Hybrid Compression Spring 4 (ES-CNT4HB); 24 x Strain Insulator (EI-STB/J)



WARRANTY

Unless otherwise specified all Nemtek energizers have a 2 year warranty and all other fencing components have a 1 year warranty from date of sale against defects due to faulty workmanship or materials. Nemtek (Pty) Ltd will, at its discretion, either repair or replace a product that proves to be defective.

Nemtek (Pty) Ltd does not guarantee that the operation of the product will be uninterrupted and totally error free. Faulty products must be returned to one of the Nemtek Group outlets. The buyer shall pay all shipping and other charges for the return of the product to Nemtek (Pty) Ltd.

LIMITATION OF WARRANTY

The warranty does not apply to defects resulting from acts of God, modifications made by the buyer or any third party, misuse, neglect, abuse, accident or mishandling.

EXCLUSIVE REMEDIES

The remedies provided herein are Nemtek (Pty) Ltd's sole liability and the buyers sole and exclusive remedies for breach of warranty. Nemtek (Pty) Ltd shall not be liable for any special, incidental, consequential, direct or indirect damages, whether based on contract, tort, or any other legal theory. The foregoing warranty is in lieu of any and all other warranties, whether expressed, implied, or statutory, including but not limited to warranties of merchantability and suitability for a particular purpose.



AB 08/25 Rev.1.0
AB 08/26 Rev.1.1
EI-BTL3 replaces EI-BTL2 & ES-HK/EP/PTH
Updated to colour