

CHAIN LINK LUX[®] FENCE

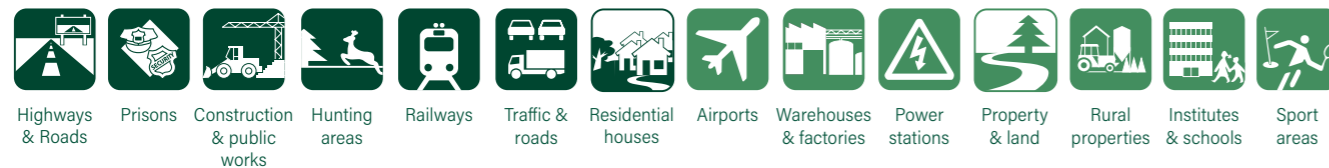


LUX CHAIN LINK

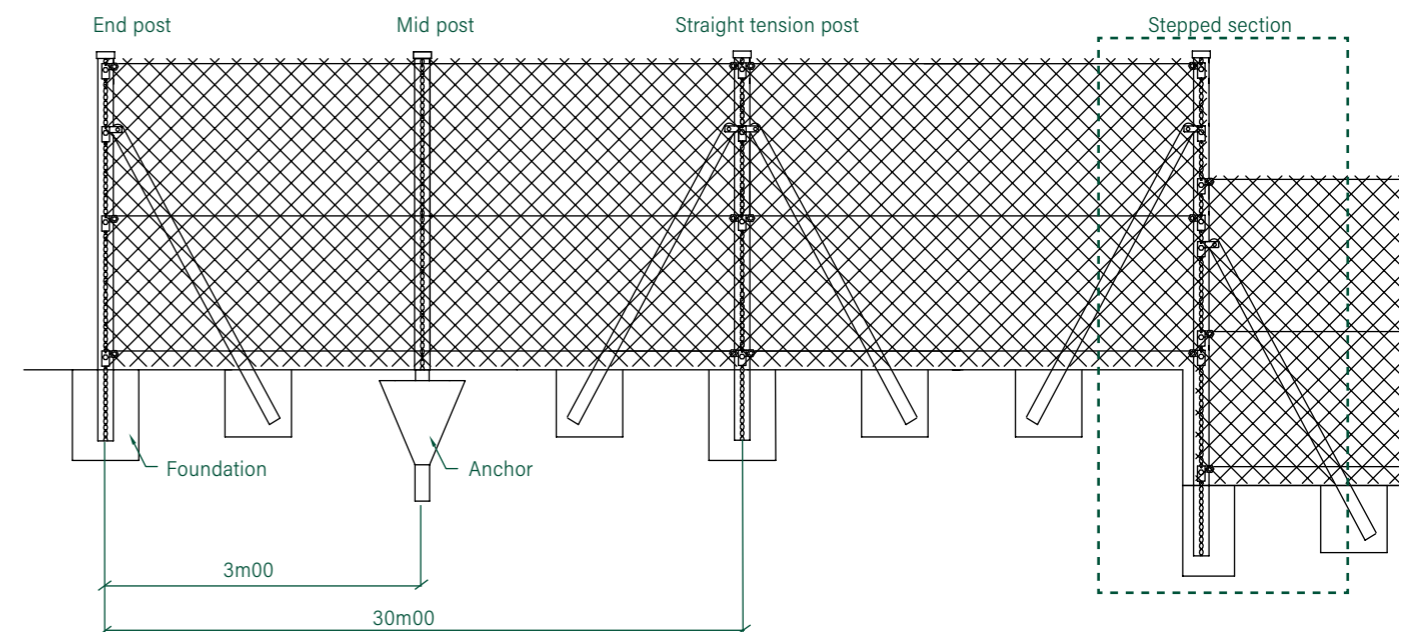
OUTSTANDING

- Mesh for multiple applications
- Highly impact-resistant mesh
- Long useful life
- Versatile multiple-application system

Application places



Assembly



Technical features

POSTS AND ACCESSORIES

- Lux 50 or Lux 80-type post, 1.5mm average thickness, depending on heights, provided with longitudinal rack for fixing accessories and the necessary BRACKETS to bear the tension of the wires and meshes. Low-carbon sheet, in accordance with the EN-10327 standard. Pull strength of 300 to 400 N/mm2
- Accessories fastened to the rack by means of a fixing screw
- Polypropylene cap will not degrade in harsh weather
- Reinforced galvanised wires fixed to the posts in order to avoid possible lengthwise sliding.

CHAIN LINK MESH

- Single wire twist rhomboidal shape mesh (chainlink), manufactured with wire of a minimum strength of 400 N/mm2
- 25m length rolls for fences 1m00, 1.5m and 2m00 high

FENCE HEIGHT	END POST TENSION ANGLE					MID POSTS				TENSION WIRE ROWS
	TYPE	LENGTH	THICKNESS	NO OF BRACKETS	NO OF STAPLES	TYPE	LENGTH	THICKNESS	NO OF STAPLES	
1m00	LUX 50	1m25	1.3mm / e.m.	3	12	LUX 50	1m25	1.3mm / e.m.	4	2
1m20		1m55			15		1m55			
1m50		1m80		4	18		1m80			
1m80		2m05			22		2m05			
2m00		2m35			24		2m35			
3m00	LUX 80	3m40	1.5mm / e.m.	5	36	LUX 80	3m40	1.5mm / e.m.	7	4
4m00		4m40		6	48		4m40		9	

SINGLE-TWIST MESH

- Single-twist galvanised wire mesh, resistance: 400 N/mm2.
- Length of the rolls: 25 metres for fences 1m00, 1m0050 and 2m0000 high.

SINGLE-TWIST GALVANISED GRATING					
TYPE OF MESH	Ø WIRE	LENGTH	HEIGHT OF THE MESH	UNIT WEIGHT	ROLLS PER PALLET
40/14	2,05 mm	25 m	1,00 m	33 Kg	16 u
			1,50 m	49 Kg	
			2,00 m	65 Kg	
50/14	1,95 mm		0,80 m	21 Kg	25 u
			1,00 m	27 Kg	
			1,20 m	32 Kg	
		1,50 m	40 Kg		
		1,80 m	48 Kg		
50/16	2,60 mm	1,00 m	42 Kg	16 u	
		1,50 m	63 Kg		
		2,00 m	84 Kg		

SINGLE-TWIST GALVANISED GRATING					
TYPE OF MESH	Ø WIRE	LENGTH	HEIGHT OF THE MESH	UNIT WEIGHT	MESH ROLLS PER PALLET
40/14-17	1,295-3,00 mm	20 m	1,00 m	40 Kg	16 u
			1,50 m	60 Kg	
			2,00 m	80 Kg	
50/14-17	1,80-2,90 mm		0,80 m	26 Kg	
			1,00 m	32 Kg	
			1,20 m	38 Kg	
		1,50 m	48 Kg		
			1,80 m	57 Kg	
			2,00 m	63 Kg	

Assembly

STRAIGHT SECTION

The end posts are installed at the beginning and the end of the fence, the mid posts every 3m and the tension posts every 30m of straight section. In hard or highly compacted soil the foundation may be optionally substituted by an anchoring system that is mechanically driven into the soil, the post being less than or greater than the useful height of the fence.

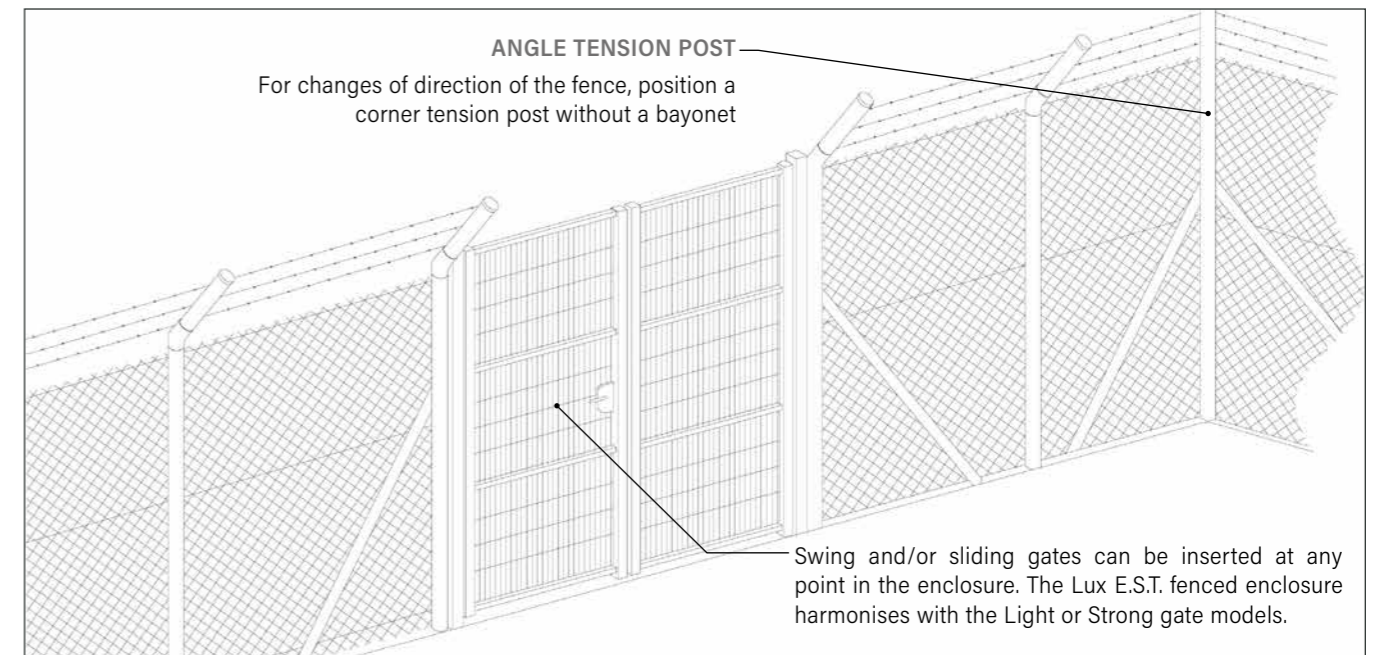
STEPPED SECTION

On the steps, install the longest post (normal length + step height) on the lower part of the fence and clamp the mesh to the upper and lower sections of the mesh. Install twice the number of brackets for the tension wires and struts on the post.

SLOPED SECTION

On the level changes of the fence (in other words, when the gradient of the slope changes), install a straight tension post. The posts on the slanted sections of the fence must be vertically levelled, so that they are oblique to the direction of the tension wires (parallel to the ground) and to the mesh.

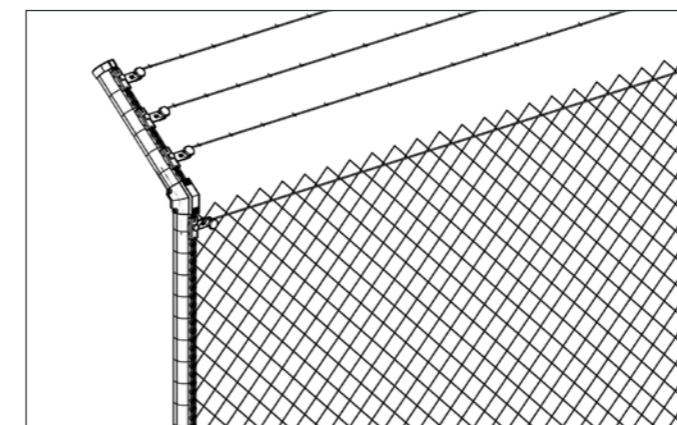
Gates and bayonet extension



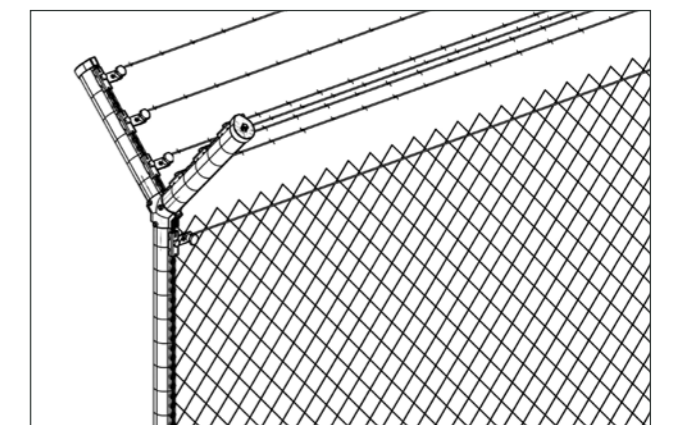
SECTION WITH EXTENSION ARM FOR BARBED WIRE

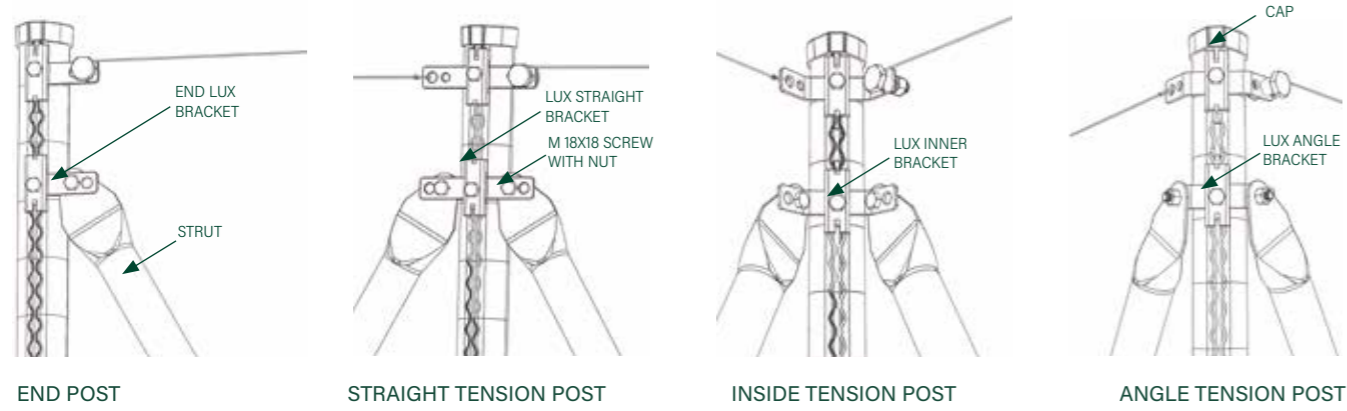
Optional installation of barbed wire for security fences. Supplement with a slanted arm for installing the necessary brackets and staples for the barbed wire.

Additional single inclined extension bracket with barbed wire

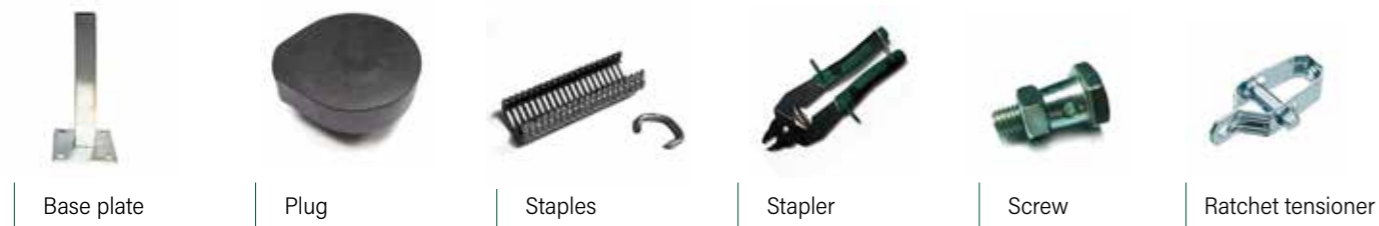


Additional double inclined extension bracket with barbed wire (only for Lux-80 tube)





Accessories



Anticorrosion coating

POSTS AND ACCESSORIES

- Galvanised and plastic-coated using the Rivisa Protecline anticorrosion coating system.
- Minimum thickness: 100 microns
- Option of applying the Rivisa Protecline Plus plastic coating, which prolongs the useful life of the materials by 30%

MESH

- Single wire twist rhomboidal shape mesh (chainlink), manufactured with wire of a minimum strength of 400N/mm², standard galvanised quality (60gr Zn/m²) or triple reinforced galvanised (240gr Zn/m²), with mesh widths of 40 or 50mm
- Single-twist galvanised and plastic-coated mesh with a minimum thickness layer of 0.5mm, with mesh width of 40 or 50mm

