

# Gallagher K20 Tensioner Link System



*The Gallagher K20 Tensioner Link System provides a reliable, efficient and consistent method of configuring Gallagher perimeter security electric fences. The Tensioner Link System hardware moves all electrical connections to a common point on the tensioner.*

## Features and benefits

Easy installation and maintenance of the Tensioner Link System results in a lower operational cost through reduced maintenance time and expense, and improved performance. The Tensioner Link System's improved reliability and speed of maintenance also minimizes the risk of system downtime.

Pivot mount technology allows the tensioner components to easily cope with a variety of installation variants such as end strains, elevation strains, corner strains, inline strains from one set of componentry.

## Installation and maintenance

- Reduced fence installation time
- Easier, more intuitive installation
- Fewer installation related errors
- Less installation and maintenance training required
- Easier and faster to troubleshoot and maintain
- Retrofit to existing Gallagher electric security fences
- Link position is not affected by wire tensioning process
- Fixed link position provides consistency for attractive design
- Pivoting mount technology provides a single mounting method for all strain hardware



## Reliability and Performance

- Reduced issues arising from undetected installation error
- Reduced circuit resistance (ohms) by up to 75%\*
- Reduced zone resistance (ohms) variation caused by environmental conditions by up to 75%\*
- High durability through high quality materials and coatings
- Improved corrosion resistance\*
- Higher security level with uniform mounting
- Continuous conductive path means any cutting or removal of any live element will raise an alarm
- Fixed link positions enables uniform configuring link orientation and location, and minimizes variation due to installation practices

Technical Specifications		January 2013	
Rated continuous load (max. wire tension)		60kg (132lb)	
Compatible wire	Aluminium	2.0 - 2.5mm (14-12 SWG)	
	HT Steel	2.0 - 2.7mm (14-11 SWG)	
	XL Aluminium Coated HT Steel	2.7mm (11 SWG)	
Plastic Parts	UV Stabilised, outdoor rated		
Metal Parts	Zn or Zn/Al based protective coatings, outdoor rated		
Controller compatibility	All Gallagher electric security fence energizers and Gallagher Fence Integrity Monitors		
Operating temperature	-20° to +60°c (-4° to 140°F)		
Operating range (humidity)	0 to 100 RH		
Nut (18mm A/F)	Max. allowable torque	15Nm (11 ft.lb)	
	Min. allowable torque	5Nm	
Bolt (8mm or 5/16" A/F)	Max. allowable torque	12Nm (9 ft.lb)	
Circuit joint resistance (ohms)*	Up to 75% lower resistance than the Gallagher Wire to Wire Link System (Standard wire links and joint clamps)		
<b>Part numbers</b>			
Pivot Mount Tensioner (Charcoal)	G24984	Standard Links - 182mm	G23524
Pivot Mount Bracket	G20874	Standard Links - 91/273mm	G23582
15kg Spring and Tension Indicator	G23744	Corner Links	G23604
40kg Spring and Tension Indicator	G23774	Wire Link Adaptor	G23694
		Lug Kit	G22435

\* Pending final test results \* To be retested by independent laboratory prior to product release. This product is the subject of Design Registrations and Patents. Some components of the Gallagher Wire Link System (Gallagher's standard wire links/joint clamps) are also compatible with the K20 Tensioner Link System. Please contact your Gallagher Channel Partner for more information. When installed correctly as part of a Gallagher Perimeter Electric Security Fence System, this product satisfies the requirements outlined in relevant electric security fence installation standards.

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