



Hinged Steel Trefoil Strap HTS Series

Jointing Tech straps are designed to support and retain your cables within your system during everyday operation, but more importantly they are designed to prevent damage during short circuit conditions. Unfortunately things do go wrong and short circuits happen, and when they do

they are both destructive and dangerous. Our cable cleats are designed to be the first line of defence to protect your personnel, your cables and your systems.

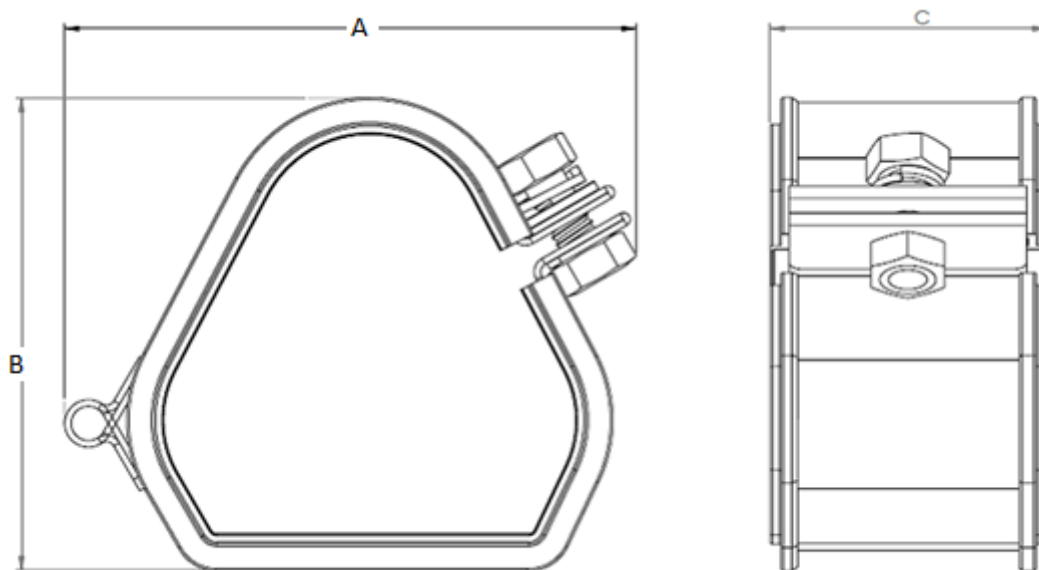
In the event of a short circuit a correctly installed cable cleat and straps can restrain the cables to prevent cable breaks which can cause damage to the tray systems and personnel. This is a requirement as per IEC 61914 : 2009

Application

- Low, Medium and High Voltage single core cables with high fault current capacities.
- Cable Diameters from to 100mm
- Straps used as an intermediate cable fastening in between cable cleats
- Operating temperatures -45°C to +120°C

Features

- Tested and Complies with IEC 61914:2009
- Ergonomic design with retained bolts allowing easy installation
- Manufactured with corrosion resistance 316L stainless steel
- The strap liners manufactured from a LUL approved flame retardant halogen free polymer material – Manufacturers datasheet available on request.



Trefoil Strap Reference Number	Cable Ø	Cable Ø	Cleat Details			
	Minimum	Maximum	A	B	C	
HTS 3032	30	32	99	59	64	
HTS 3538	35	38	108	69	64	
HTS 3741	37	41	114	75	64	
HTS 5054	50	54	140	112	64	

Test Standard	BS EN 61914:2009 (IEC 61914)	
	Clause	Classification
Type	6.1.3	Composite
Operating Temperature	6.2	-45°C to +120°C
Impact Resistance	6.3	V. Heavy
Needle Flame	10.1	>120 secs

	Clause	Classification
Resistance to short circuit	6.4.3 1 short circuit	30KA RMS, 66kA Pk for 32mm cables @ 900mm cleat spacing 30KA RMS, 66kA Pk for 36mm cables @ 900mm cleat spacing 35KA RMS, 77kA Pk for 39mm cables @ 900mm cleat spacing 40KA RMS, 88kA Pk for 52mm cables @ 900mm cleat spacing
	6.4.4 2 short circuits	
Corrosion	6.5.2	High , Outdoor - wet conditions
Spacing	As cleat spacing is dependent on system fault level and cable diameter then please enquire with cleat manufacturer for correct maximum cleat spacing.	