



## Stainless Steel Trefoil Cleat / Strap STC / STS

In all cable installations, an essential factor is to ensure that all cables are secured with the correct cleats for the cable, application, and environment. The STC / STS series of cleats and straps support and secure all cables in Trefoil formation throughout the system during normal operation and during fault conditions that may

occur. System integrity is maintained and cable damage can be prevented.

All cleats in the STC/STS series comply with the requirements of IEC 61914 : 2015. The cleat body and fastenings are manufactured from 316L corrosion resistant non-magnetic 316L stainless steel which makes them suitable for use within harsh and extreme environments including marine and offshore applications. The main cleat fastening bolt is retained to ease installation. The cleat liner is manufactured from an extruded LSOH polymer. Cleats are supplied with an easy fit spacer plate to assist with range take. Correct cleat spacing for all cables is extremely important and many factors must be considered. All recommendations from the cable manufacturer must be followed. For correct cleat spacing recommendations please contact our technical department.

Test Standard IEC61914:2015								
	Clause	Test	Classification			Clause	Test	Classification
Material	6.1.3		Composite		Resistance to short circuit	6.4.4 1 short circuit	9.5.2	44kA RMS, 103.3kA Pk - tested on 34mm diameter cables at 300mm cleats spacings (Test report: 125158/VNL)
Operating Temperature	6.2		-40°C to + 60°C					
Impact Resistance	6.3.5	9.2	Very Heavy		Corrosion	6.5.2.2		Body >16% Chromium contents - High, Outdoor - wet conditions
Lateral strength	6.4.2	9.3	>500N vertical		Flame propagation		10.1	> 30 secs
			>200N Horizontal		Cleat Spacing	As cleat spacing is dependent on system fault level and centre to centre distance between cables / cable diameter, so for correct cleat spacing then please enquire with cleat manufacturer for correct maximum cleat spacing, for the system design.		
Axial strength	6.4.3	9.4	>50N (for guidance only as not possible to replicate in test setups)					



## Features

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