

# Shoe Cleat

## 370 Series



**The shoe cleat offers additional support for large cables where single point loading and linear expansion need to be considered.**

### Description

In order to allow for the linear expansion of larger cables the support positions are often broadly spaced. Such broad spacing would put very high point loading on the cables which could lead to long term failure. The shoe cleats are designed to allow this potentially damaging load to be spread over a significantly longer length thus avoiding any potential cable damage. Based on the 370 series of aluminium 2 bolt cleats with the shoes made from 316L stainless steel with rubber lining. The shoes are designed and formed with the correct bend radius to match the cable's expansion curve.

### Performance Data

Test Standard	EN 50368:2003
Type	6.1.1 Metallic
Impact Resistance	6.2.5 V. Heavy
Lateral Load	18.1 kN
Axial Load	11.4 -> 13.8kN
Needle Flame	>120 secs

\* Technical Information subject to change without notice



## Technical Data

Cable and Cleat Selection				Cleat Details			
Design Number		Cable Diameter		Stud Size	Bolt Centres (mm)	Length (mm)	Expansion Radius (mm)
Standard	Epoxy Coated	A (mm)					
		Min	Max				
370BA16SL	370BB16SL	79	85	M12	126	400	3000
370BA17SL	370BB17SL	85	91	M12	126	400	3000
370BA18SL	370BB18SL	91	98	M12	140	400	3000
370BA19SL	370BB19SL	98	104	M12	140	450	3000
370BA30SL	370BB30SL	105	111	M12	150	450	3000
370BA31SL	370BB31SL	111	117	M12	150	500	3000
370BA32SL	370BB32SL	117	123	M12	175	600	3000
370BA33SL	370BB33SL	123	130	M12	175	700	3000
370BA34SL	370BB34SL	130	136	M12	175	700	3000
370BA35SL	370BB35SL	136	142	M12	185	800	3000
370BA36SL	370BB36SL	142	149	M12	190	800	3000

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Contact the Prysmian Components technical team who will be able to match the correct cleat and spacing to the size of cable and installation design.