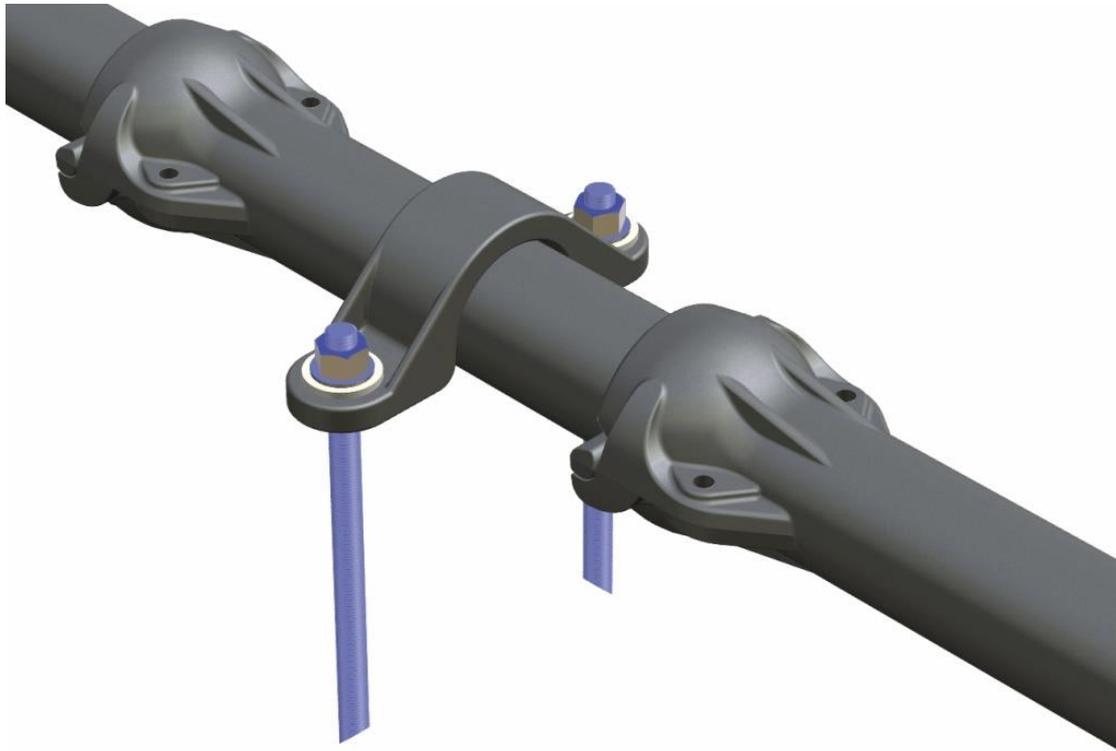


## Protectorshell Saddle Clamp



Where Protectorshell needs to be secured to the underlying surface, the Protectorshell saddle clamp is designed for this purpose. Supplied in kit form with epoxy resin and stainless steel fasteners. The design takes into account the different metals used in anchoring to reduce the effects of galvanic corrosion

### **Material**

Ductile Iron to 400-15, as per industry standard for articulated pipe.

#### **Protectorshell SL**

C Regata Cutty Sark No 21 4 IZ 15002 La Coruña, Spain  
T: +34 8 8124 1115 F: +34 8 8192 4978

[www.protectorshell.com](http://www.protectorshell.com)

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## Protectorshell Saddle Clamp

### Insulation washer

The insulation washer is integral at fastener location, allowing use of a wide range of fastener materials while minimizing effects of accelerated corrosion due to dissimilar metals.

### Fasteners

Can be supplied with a variety of fastening systems, suitable for a range of seabed from hard rock to softer rock options. Fasteners are exclusively 316 Stainless Steel which has a proven longevity in harsh environments.



### Anchoring Recommendations

Hard Rock >25mPa:

150mm anchor studs embedded in rock with epoxy resin of tensile strength greater than 25mPa

Soft Rock <25mPa:

Anchor studs up to 1000mm long embedded with either epoxy resin or underwater grade grout

Soft rock/ Hard clay

Ground anchors up to 1500mm long embedded in seabed and pre-tensioned before use

## Saddle clamp kit



### Specifications

Saddle clamp Material	Ductile iron 400-15
M20 Threaded rods (Qty:2)	20mm - Grade 316 Stainless Steel
M20 Nuts (Qty:2)	20mm - Grade 316 Stainless Steel
Insulation washer	Polyethylene
Epoxy resin	Ramset ChemSet Reo 502
Epoxy resin applicator gun	Ramset universal applicator
Design Life	25 years
Wall Thickness (min)	9mm
Impact Resistance	≥7.5kJ
Colour	Iron Grey

Epoxy resin and gun applicator are provided at a rate of 1 set per 4 saddle clamps.

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