PAUGER
carbon composites

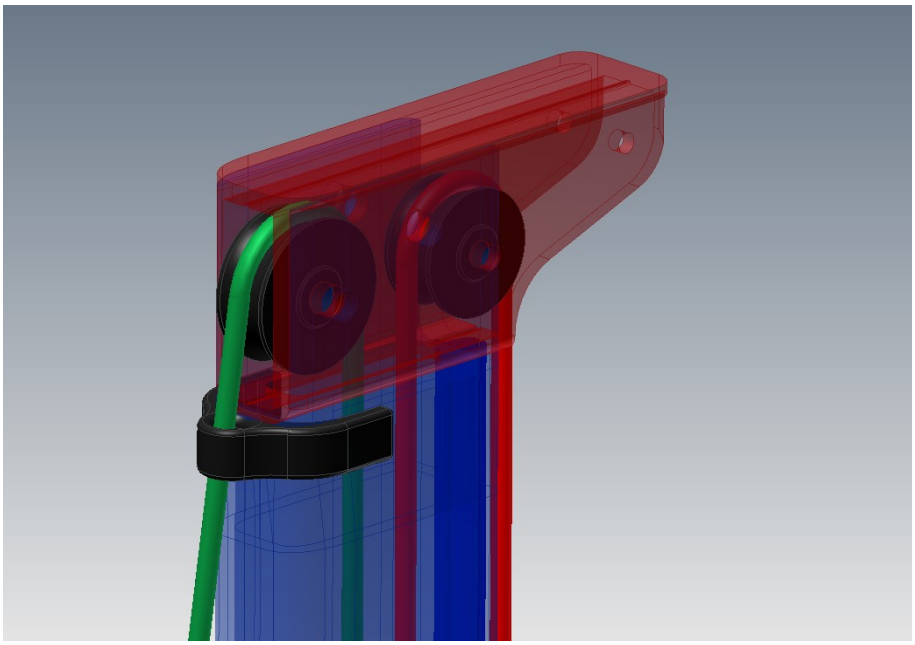
MAST PRESENTATION

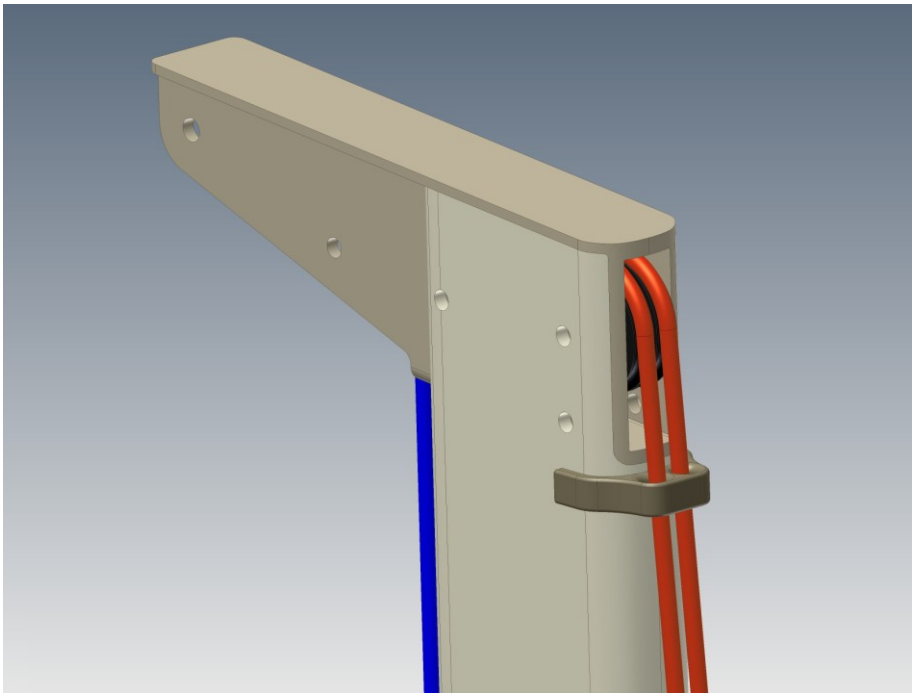
Pauger mast presentation

Mast specification

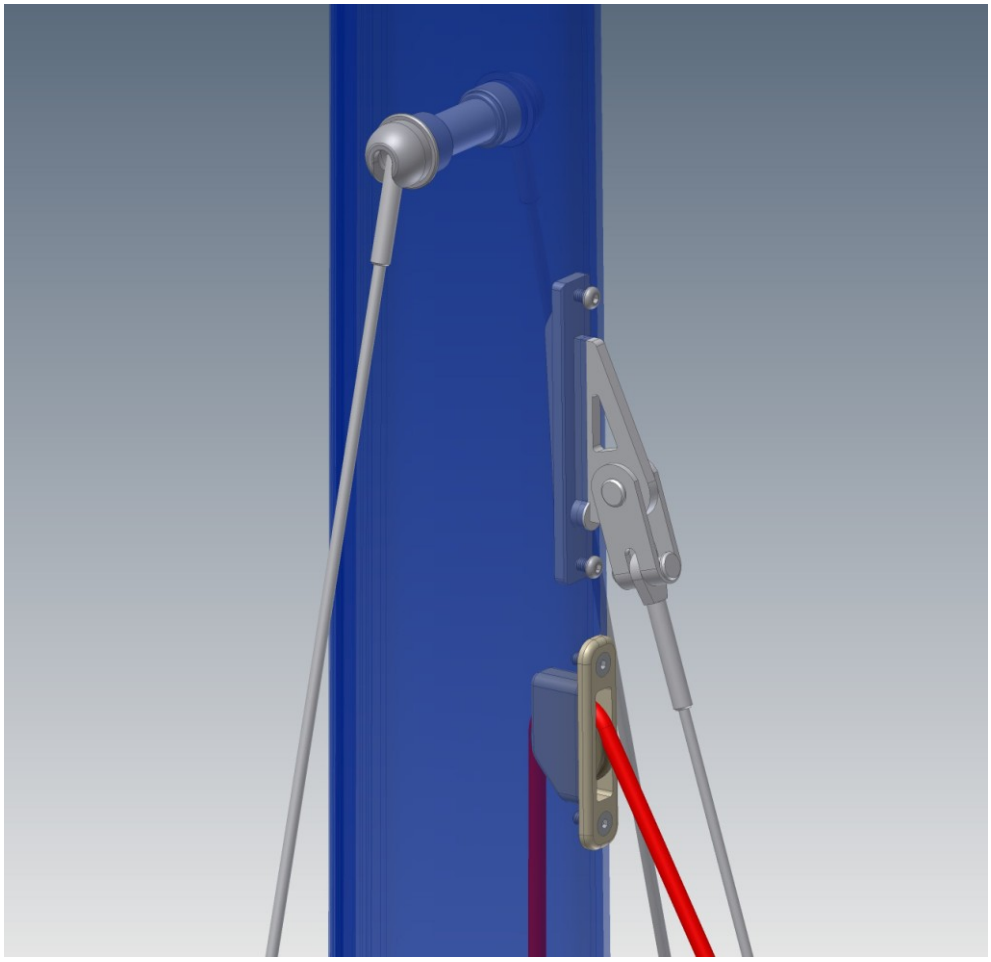
- Material: high-strength carbon fibre pre-preg
- Production technology: female moulding, with internal pressure bag at 5 bar, cured at 100°C
- Polyurethane painted finish (standard colour: mat black)
- Sail attachment: bonded carbon mainsail groove or aluminium mainsail track of customer's choice
- Carbon masthead and carbon spreaders
- Uniform and durable, maintenance-free fittings
- CNC-machined cut-outs for the fittings
- Python© dyform or rod standing rigging

Typical fitting solutions



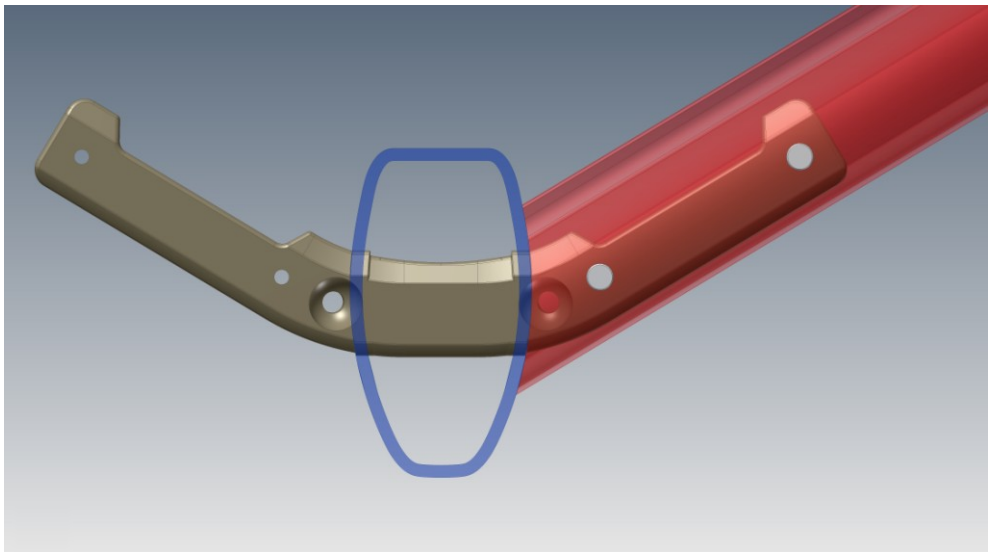


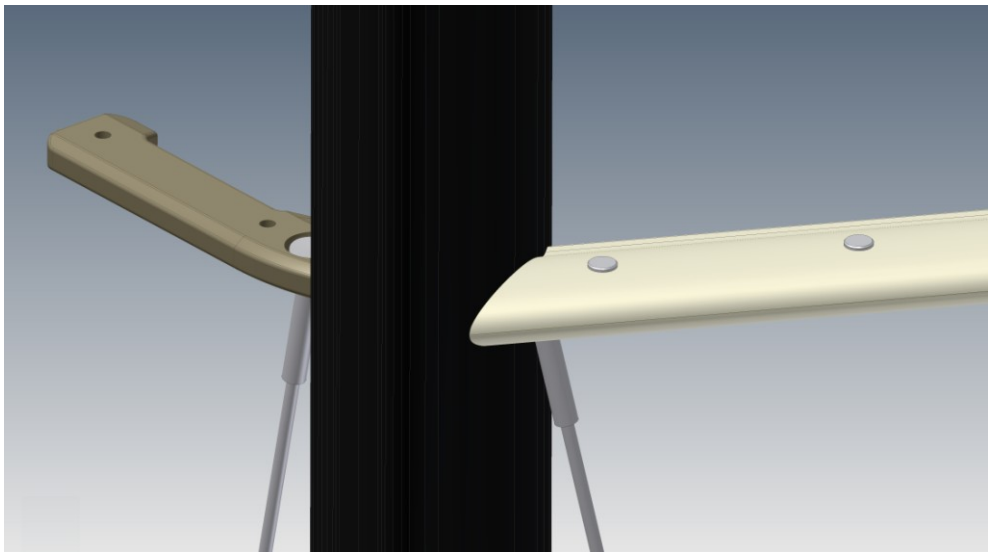
Carbon masthead eliminates the danger of galvanic corrosion and saves weight, anodized aluminium or acetal low-friction sheaves allow easy hoisting of the sails, while the anodized aluminium halyard fairlead prevents the spinnaker halyard from chafing against the mast.



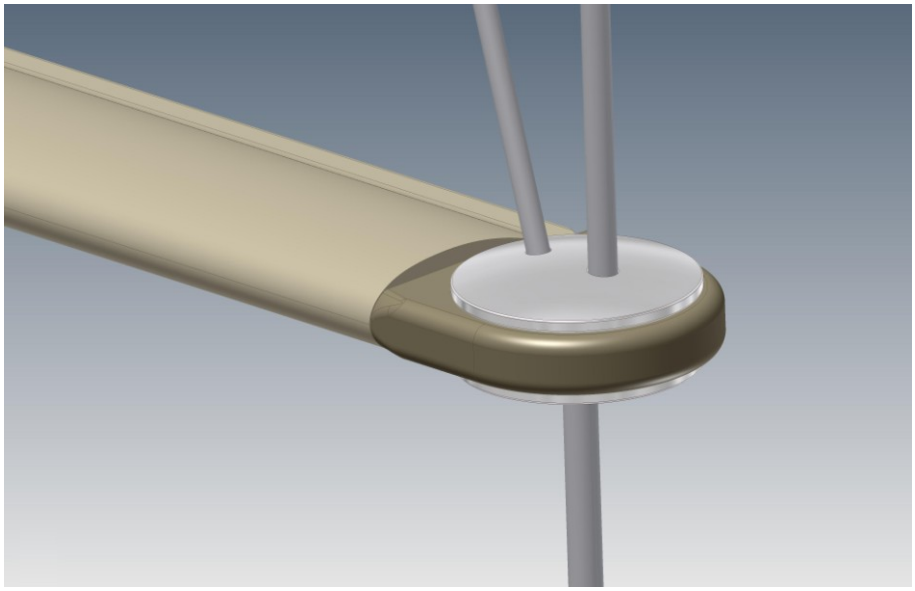
Hound area: the AISI 316 stainless steel captang and forestay fitting allow the connection with standard terminals, no matter if wire or rod.

The anodized aluminium Antal halyard block ensures low friction, while protecting the halyard from wear.

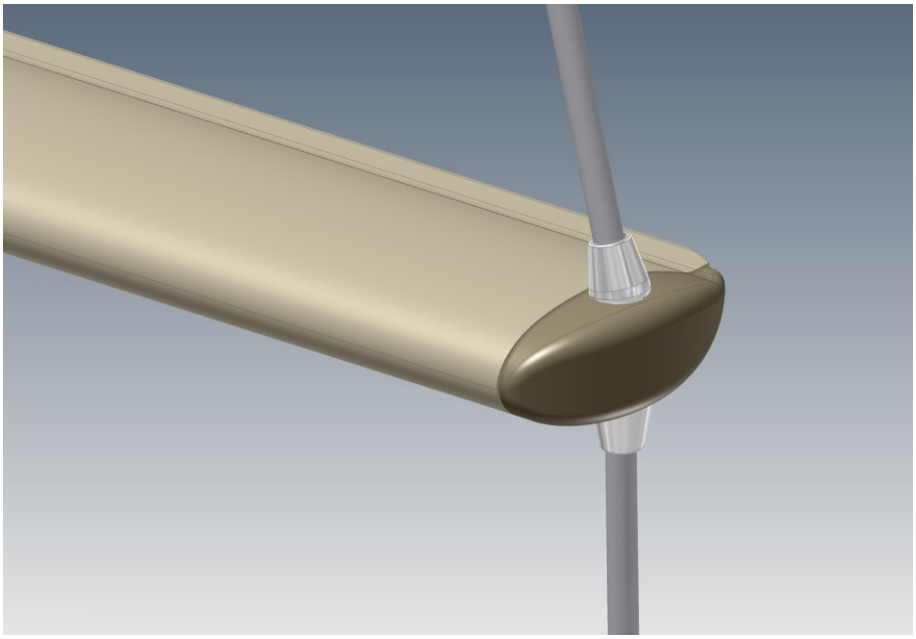




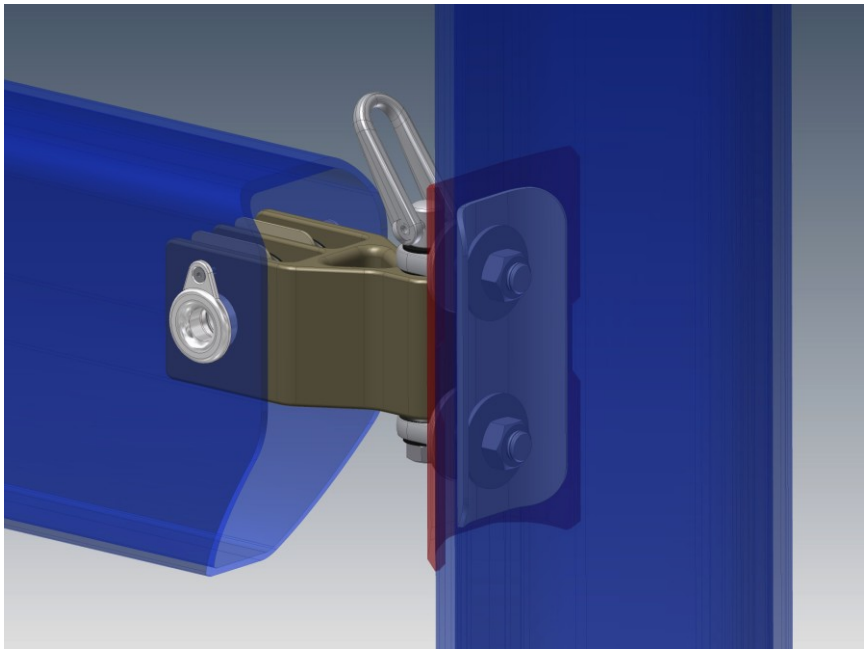
The airfoil-shaped carbon spreaders save weight and reduce windage, while the anodized high strength aluminium spreader bar provides a solid support for the spreaders and includes seats for the attachment of the diagonals.

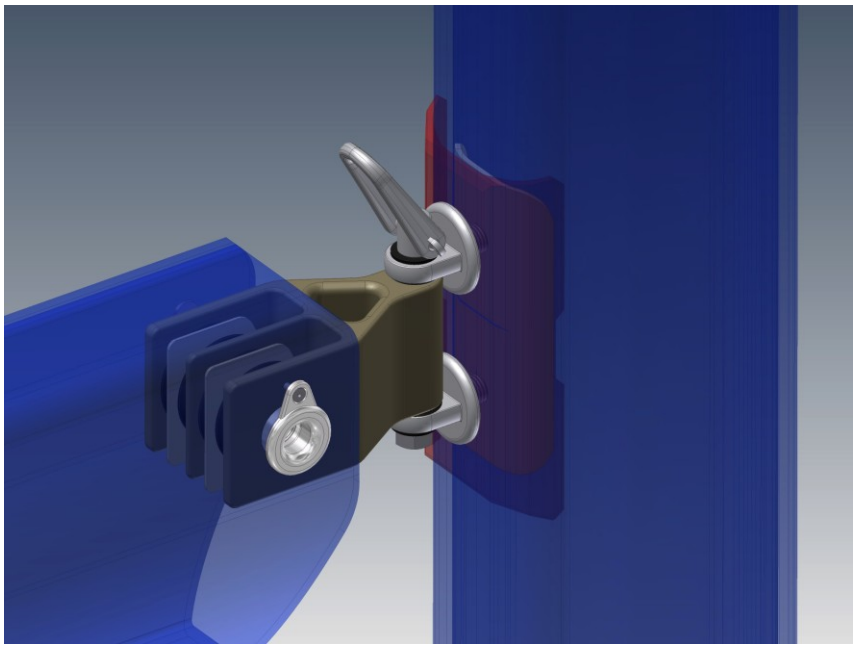


Low-windage carbon spreader end fitting with AISI 316 stainless steel tipcup



Low-windage carbon spreader end fitting with AISI 316 stainless steel spreader bend



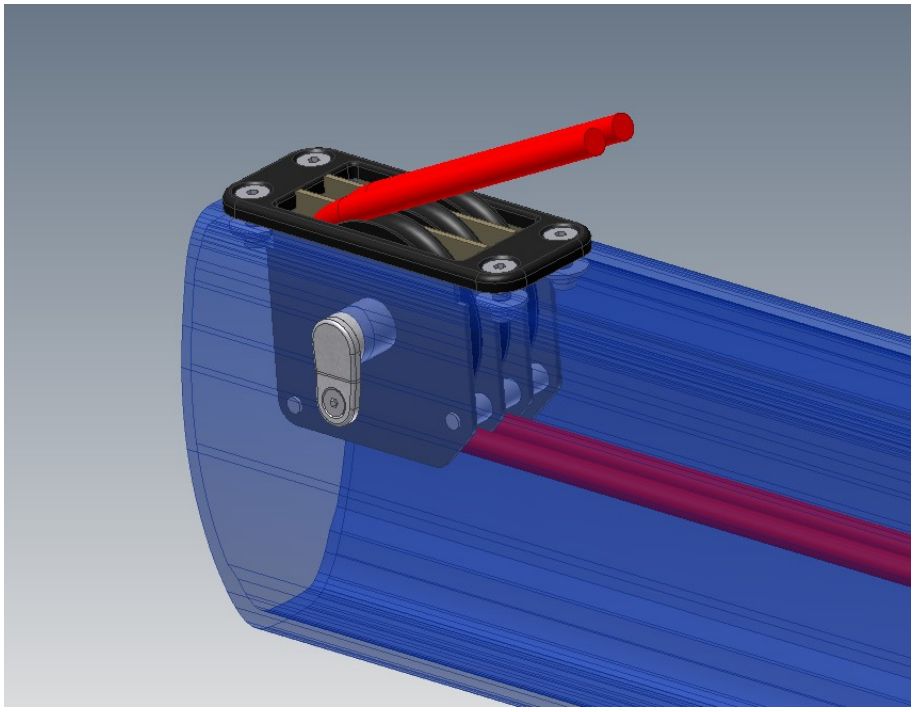


The AISI 316 stainless steel gooseneck brackets are mounted to the mast with an inner backing plate, which is bonded inside the mast for perfect load distribution. The mast profile is additionally reinforced by a bonded outer carbon plate.

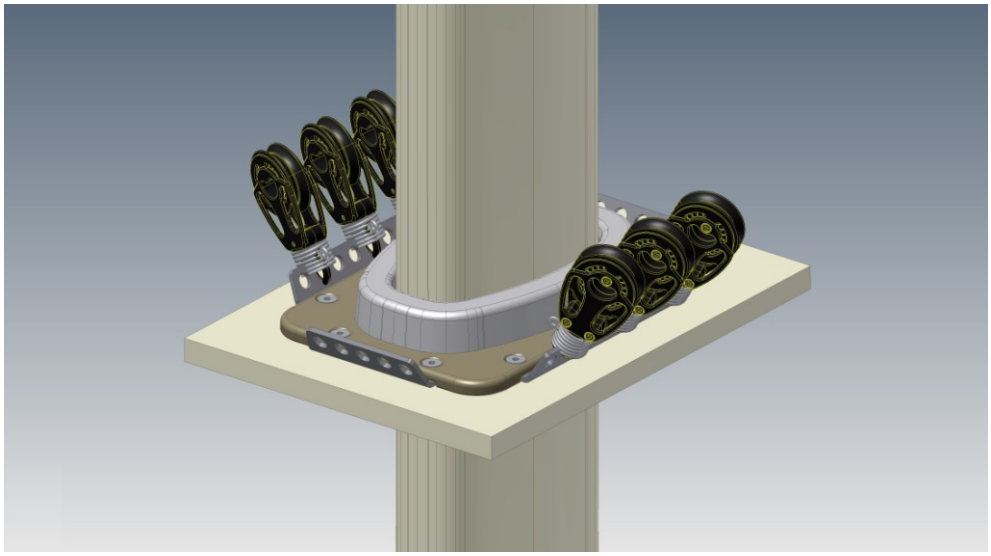
The reason why our gooseneck bracket – in contrast to many carbon mast manufacturers – is made of stainless steel rather than carbon is that according to our experience, a stainless steel gooseneck bracket is stronger and more durable than a carbon one.

The tack can be tied to the Wichard tack shackle, attached to the vertical pin of the gooseneck.

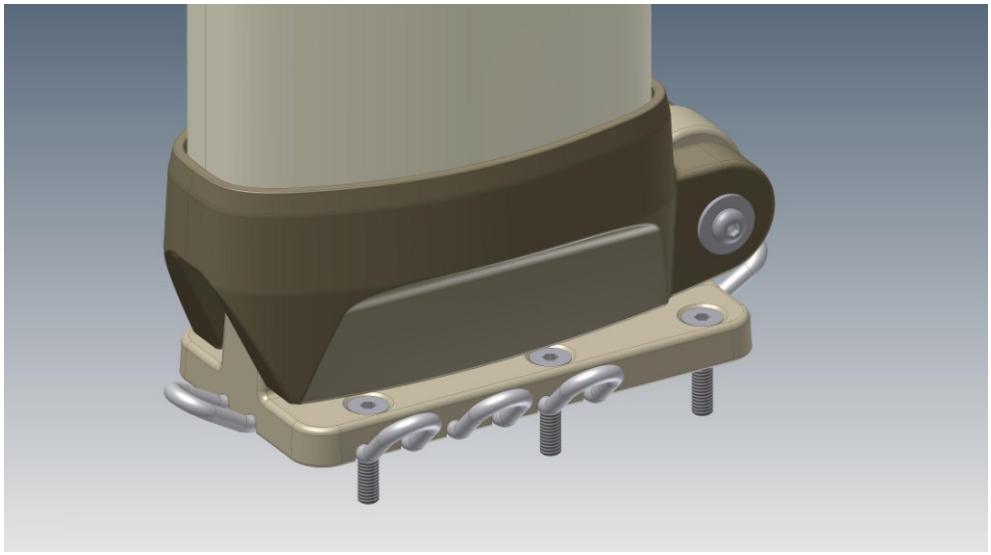
The anodized high-strength aluminium gooseneck toggle accommodates three anodized aluminium or acetal sheaves.



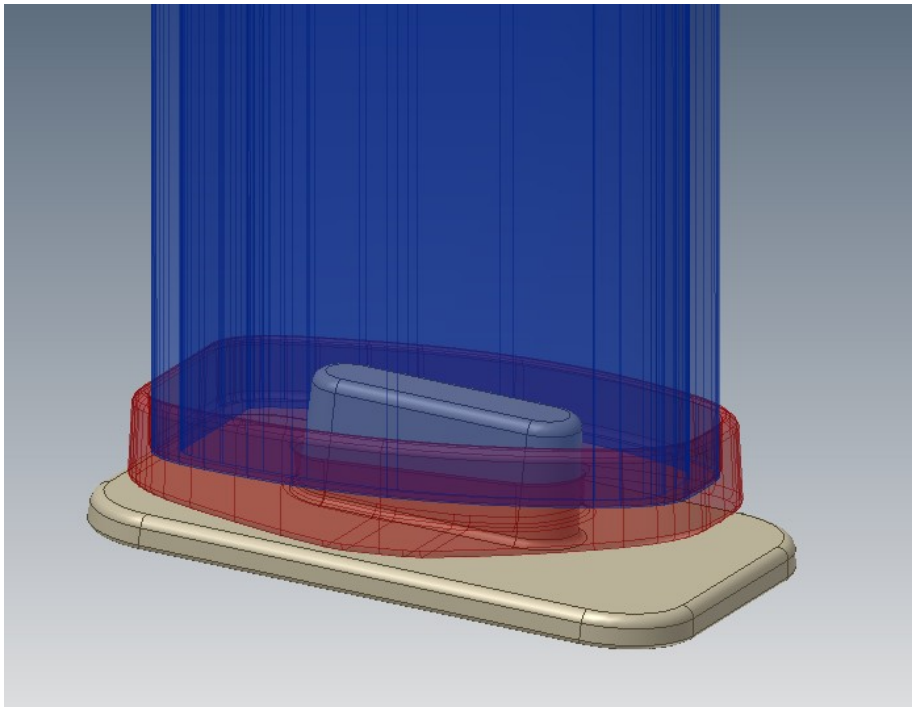
Boom outboard end: anodized aluminium sheave box with acetal sheaves



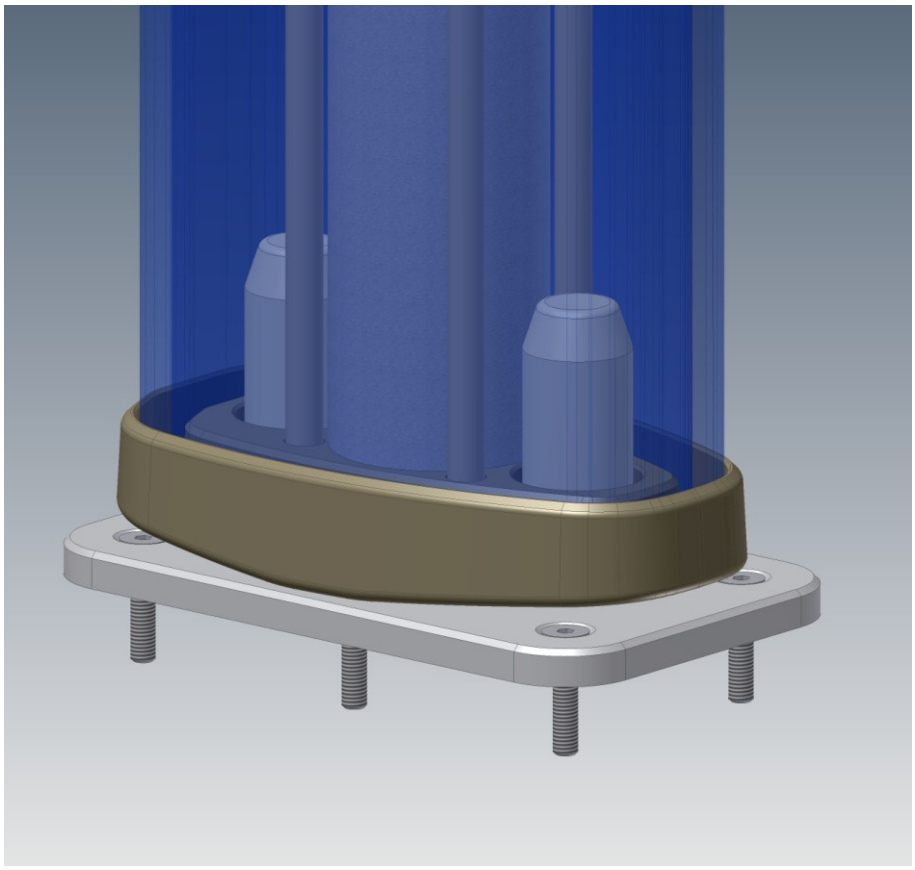
Anodized high-strength aluminium mast collar with AISI 316 stainless steel attaching plates for the halyard blocks



The hinged anodized high strength aluminium mast step allows the stepping of smaller masts without using a crane. Halyard blocks can be attached to the AISI 316 stainless steel hooks.



Anodized high-strength aluminium mast heel plug and mast step



Anodized high-strength aluminium mast heel plug with integrated mast jack and AISI 316 stainless steel mast step