

12rg

SAILSetc Catalogue Number

Fitting Description

ball raced gooseneck/compression strut – concentric axis

Applications

8 mm round mast for RG65 & other small yachts

Drawing Code

Product Information **PI 12rg**

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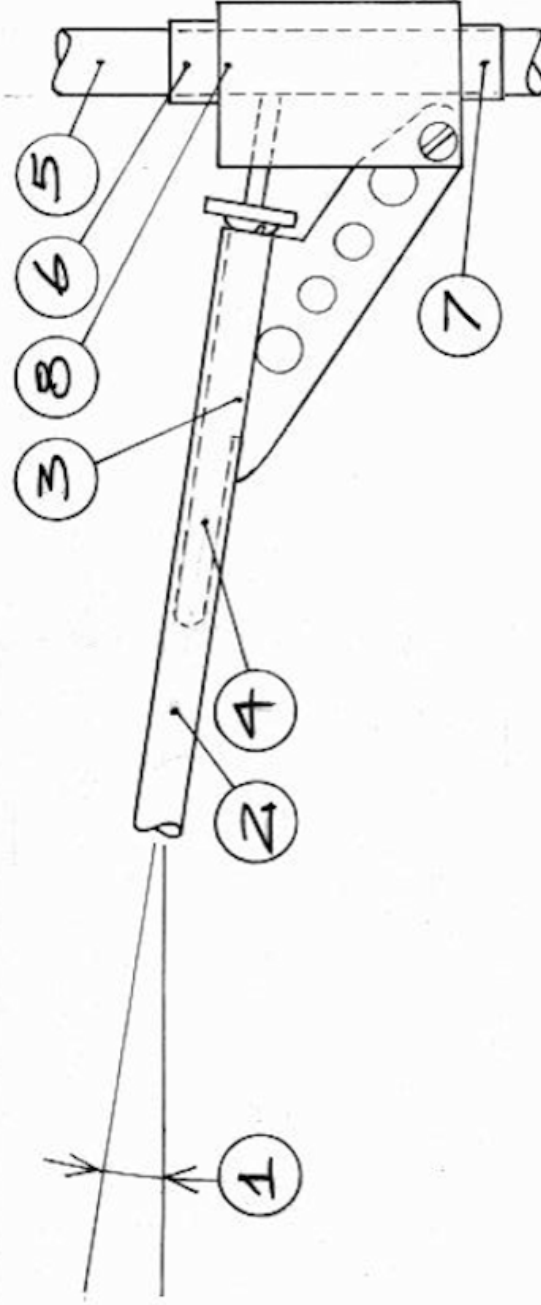
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Item

gooseneck/compression strut unit



- 1 The angle of the boom may vary between 0 and 18 degrees. The rigs on the SAILSetc boat have booms at 10 degrees to the horizontal.
- 2 The boom should have an internal diameter of 4 mm or more. 6 mm diameter carbon tube with a 1 mm wall thickness seems ideal.
- 3 Cut a 1 mm wide slot in the underside of the boom tube for a length of 25 mm and abrade the inside of the boom tube for at least 25 mm from the forward end.
- 4 Bond the boom tube to the stainless steel plate using epoxy resin and allow to cure before adding the gooseneck to the rig.
- 5 The gooseneck unit is designed to fit an 8 mm diameter mast. 5/16" diameter aluminium tube may also fit this gooseneck item.
- 6 The gooseneck unit should butt up against a short piece of tube bonded to the mast. This could be a 6 mm length of 8 mm internal diameter carbon tube. A wrapping of carbon tow bonded using epoxy resin or cyano glue could be used. A wrapping of Dyneema wetted with epoxy resin will work well too.
- DO NOT ATTEMPT to bond the gooseneck unit or its bearings to the mast.**
- 7 A strip of self adhesive tape (deck patch material is perfect) is used to hold the gooseneck unit in place on the mast. This permits the item to be removed for maintenance.
- 8 From time to time remove the bearings and clean them using methylated spirit, alcohol or other solvent. Oil and replace.