

12

SAILSetc Catalogue Number

Fitting Description

ball raced gooseneck/compression strut

Applications

Marblehead, Ten Rater

Drawing Code

Product Information **PI 12**

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Contents

| Qty | Item |
|-----|----------------------------------|
| 1 | gooseneck/compression strut unit |
| 6 | No 2 x 9 mm pan head screw |
| 1 | boom connector, 27-100 |
| 1 | 1.8 mm diameter drill |

Make the main boom from 12 mm diameter carbon tube with a 10 mm ID. Add a 150 mm length of 10 mm tube at the forward end as reinforcement leaving enough room at the forward end to house the boom end fitting, 103-100.

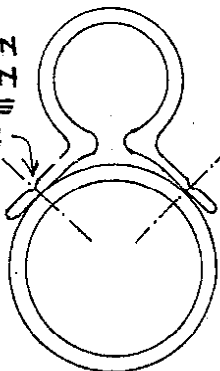
Alternatively use 10 mm diameter for the boom and add a 150 mm length of 12 mm diameter as reinforcement at the forward end.

With the compression strut half extended, adjust the position of the boom connector on the boom until the boom is at the correct angle to the mast to suit the mainsail leech length.

It is not necessary to fix the aft end of the compression strut into the boom connector.

Drill 1.8 mm diameter for a self tapping fit

GUIDE IN
EXTRUSION
FOR HOLE
POSITION



Fix the gooseneck body to the mast as follows:

Glue the body to the mast using cyano glue. Allow to cure properly. On carbon and other thin walled masts there should be a reinforcing tube inside the mast tube in this area. Use the 1.8 mm drill provided to drill staggered holes where shown at right angles to the body of the gooseneck.

Carefully drive in the small pan head screws. Be aware that they are a tight fit in the holes and cannot be driven in directly. Screw clockwise half a turn and then back a quarter of a turn. Repeat until driven home.

The boom end fitting, ref 103C, provided with this gooseneck unit is designed to fit 12 mm OD carbon tube with an ID of 10.0 mm. Drill a 1.8 mm diameter hole for a self tapping fit for a small screw provided.

