

10

SAILSETC Catalogue Number

Fitting Description

gooseneck/compression strut

Applications

round masts, Marblehead, Ten Rater

Drawing Code

Product Information **PI 10**

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Contents

Qty	Item
1	gooseneck/compression strut unit
5	No 2 x 9 mm pan head screw
1	No 4 x 9 mm pan head screw
1	boom connector, 27-100
1	boom end fitting, 103-100
1	1.8 mm diameter drill

From late 2004 onwards the compression strut design will be different to the previous version. The original double-ended version gives a coarse change in length for a given rotation of the strut and we have found it difficult to make fine adjustments to the mainsail twist. Now the upper end is not threaded and rotates in the end without moving lengthwise. This makes fine adjustments to mainsail twist easier to achieve.

Make the main boom from 10 mm diameter carbon tube with a piece of 12 mm diameter at the forward end, as shown, for reinforcement.

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.

Drill 2.7 mm diameter for a self tapping fit

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

Use the boom end fitting, item 103-100, to connect to the tang.

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.

