

SAILSETC

Rigging Plan BOOM-H-140

Headsail Boom Kit – 14 mm carbon tube

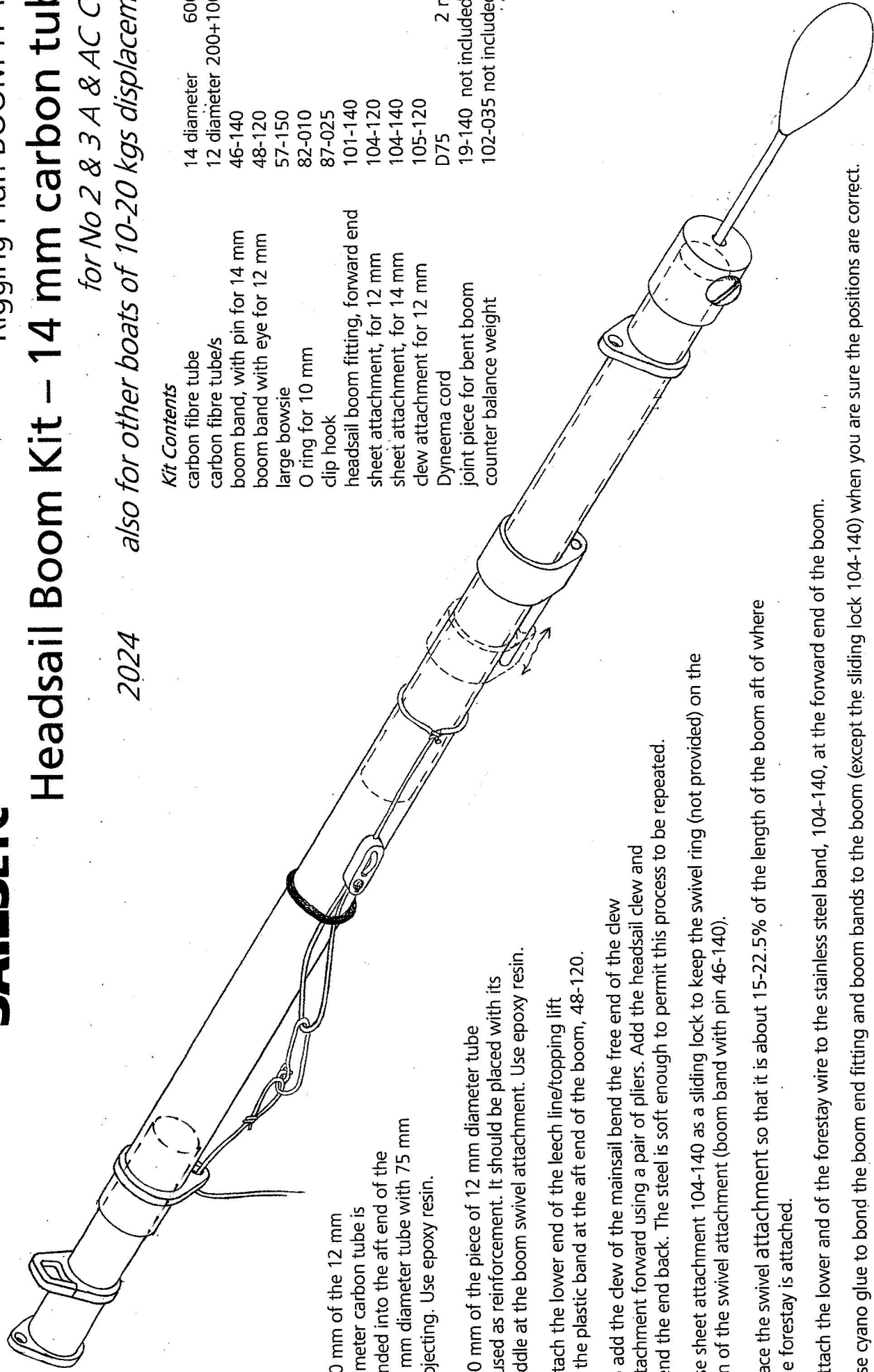
for No 2 & 3 A & AC Class

also for other boats of 10-20 kgs displacement

2024

Kit Contents

carbon fibre tube	14 diameter	600 mm
carbon fibre tube/s	12 diameter	200+100 mm
boom band, with pin for 14 mm	46-140	1
boom band with eye for 12 mm	48-120	1
large bowsie	57-150	1
O ring for 10 mm	82-010	1
clip hook	87-025	1
headsail boom fitting, forward end	101-140	1
sheet attachment, for 12 mm	104-120	1
sheet attachment, for 14 mm	104-140	3
clew attachment for 12 mm	105-120	1
Dyneema cord	D75	2 metres
joint piece for bent boom	19-140	not included in kit
counter balance weight	102-035	not included in kit



100 mm of the 12 mm diameter carbon tube is bonded into the aft end of the 14 mm diameter tube with 75 mm projecting. Use epoxy resin.

200 mm of the piece of 12 mm diameter tube is used as reinforcement. It should be placed with its middle at the boom swivel attachment. Use epoxy resin.

Attach the lower end of the leech line/topping lift to the plastic band at the aft end of the boom, 48-120.

To add the clew of the mainsail bend the free end of the clew attachment forward using a pair of pliers. Add the headsail clew and bend the end back. The steel is soft enough to permit this process to be repeated.

Use sheet attachment 104-140 as a sliding lock to keep the swivel ring (not provided) on the pin of the swivel attachment (boom band with pin 46-140).

Place the swivel attachment so that it is about 15-22.5% of the length of the boom aft of where the forestay is attached.

Attach the lower end of the forestay wire to the stainless steel band, 104-140, at the forward end of the boom.

Use cyano glue to bond the boom end fitting and boom bands to the boom (except the sliding lock 104-140) when you are sure the positions are correct.

SAILSetc

tel +44 (0) 1376 570583

141 High Street

sales@sailsetc.com

Kelvedon

Essex

England

CO5 9AA

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