

C

5.7 Single line reef booms on C-mast from 2008



Important!

1. The reefing line is tied as illustrated, with a bowline and running noose. No. 1 reef is shown. Note that grommets are required along the foot for each reef.
2. For loose-footed sails, the reef line loop must be held in the correct position along the boom, to ensure proper reefing. Seldén's eye slider can be used for this. (See table 5.13).

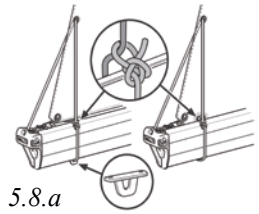


Fig. 5.8.a

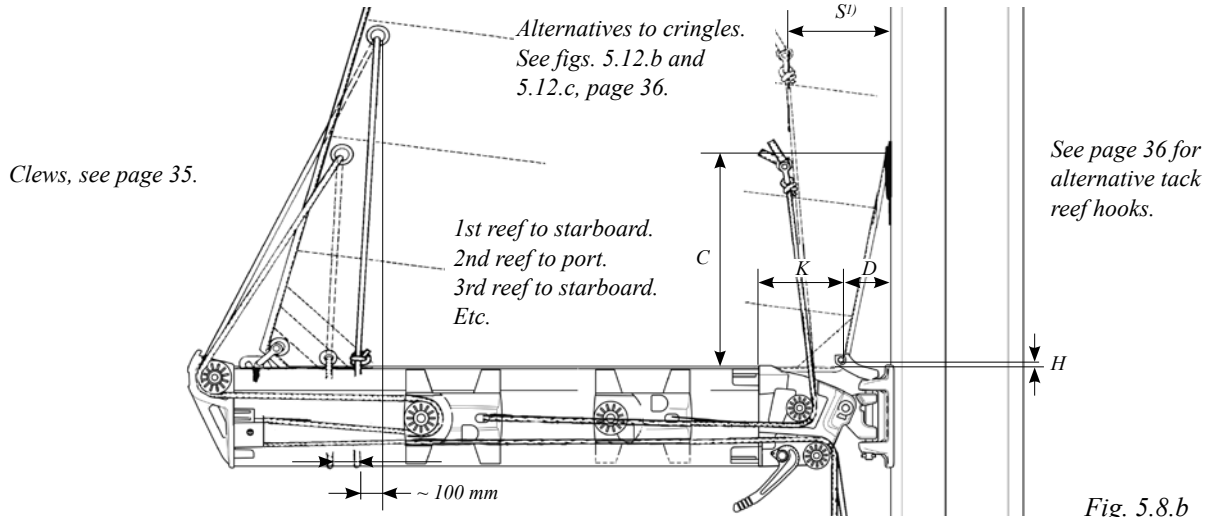


Fig. 5.8.b

Mast section	Boom section	Sail feeder gate "cut-back"			Tack			Single line reef S ¹⁾	No. of internal reefing lines	Reef line attachment	Max height for reef 1 (Starboard) ³⁾ mm	Max height for reef 2 (Port) ³⁾ mm
		C (MDS slides) mm	C (bolt rope) mm	K mm	D mm	H mm						
C080 C087 C096 C106 C116 C126 C139	B087	~	600	55	55	0	95	2 single line	Reefing line tied around boom; see fig. 5.8.a.	E-1650	E-450	
	B104	~	600	55	55	0	95	2 single line		E-1650	E-450	
	B120	~	600	165	65	20	70	2 single line		E-1650	E-450	
C156 C137	B087 B104	130	750	165	65	20	105	-		-	-	
C156 C137 C175 C153 C193 C180 C211 C192 C227 C208 C245 C225	B120 B135 B152 B153 B171 B172 B199 B200	130 130 120 120 110 110 170 170	750 750 750 750 750 750 750 750	150 105 105 70 120 100 100 175	80 80 80 80 80 80 100 100	35 30 20 20 15 15 15 15	70 165 165 165 165 150 240 240	2 single line + 1 flattening 2 single line + 1 traditional slab reef ²⁾ 2 single line + 2 traditional slab reefs ²⁾	E-1650 E-1800 E-1800 E-1800 E-1900 E-850 E-2000	E-450 E-650 E-750 E-850 E-950		
C245 C242 C264 C261 C285 C280 C304	B171 B172 B199 B200 B232 ⁴⁾ B250 B256 B290	180 180 170 170 170 ⁵⁾ 170 ⁵⁾ 170 ⁵⁾ 170 ⁵⁾	750 750 750 750 750 750 750 750	135 110 100 175 65 175 110 80	100 100 100 100 80 100 80 100	45 50 15 15 10 15 25 30	200 185 240 240 180 240 200 240	2 single line + 1 traditional slab reefs ²⁾ 2 single line + 1 traditional slab reefs ²⁾	E-1900 E-2000 E-2500 E-2500 E-2500 E-2900	E-850 E-950 E-1100 E-1100 E-1100 E-1550		

1) The "S" measurement includes the shackle supplied by Seldén Mast.
 2) Running Reef Hooks as shown on page 36 should be used for traditional 3rd and 4th slab reefs in conjunction with Single Line Reefs. If permanent reef hooks are used at the tack there is a risk that the sail can snag when a Single Line Reef is shaken out.
 3) "Max height" information refer to forward reef cringle only. Length is calculated on 16-plait reef line. For low stretch lines, reef height may be increased.
 4) Loose footed sails only. 5) Mast C321 & C365: C=280mm
 Comprehensive instructions on Single Line reefs can be obtained from Seldén Mast; reference No 595-664-SET, (in Swedish, English and German).