

Mainsail battens

All battens are hand made to standard specs or custom stiffness and bend requirements. With more tooling and capacity than ever before C-Tech has the fastest turnaround time for custom battens.

Battens will be supplied with the actual stiffness (measured in EI) permanently marked on the batten. Enabling fast intuitive changes without having to refer to barcodes or charts, as well as making reordering specific batten stiffness's easier.

If you want specific bend profiles please ask for a change from the normal, this can be done at no additional cost.



Standard C-Tech RC44 Main Batten Set Specification

Batten	Type	Length (m)	Stiffness - 3pt EI (Nm ²)		Weight (gm)
			Medium	Stiff	
#1	Full	2.85	189	230	660-800
#2	Full	3.15	63	87	640-810
#3	Full	3.7	126	145	840-1020
#4	Full	4.2	145	202	850-1140
#5	Full	4.7	202	256	990-1210
#6	Full	5.1	214	267	1020-1340

Mainsail batten hardware



Full-length Batten Receptacles (113-257 grams)
Carbon-clamshell-luff-receptacles (CCLR's). Improved lower profile design now is kinder on the mast and lighter. 7 different versions are available.



Full-length Batten Tensioners (55-70 grams)
Rocket-style-leech-tensioners (RSLT's). Ideal for full length battens. 3 sizes are available.



Leech Batten Tensioners (41 grams)
Leech battens use Fish-tail-leech-tensioners (FTLT's) in combination with Threaded-leech-plugs (THLP's). Ideal for leech battens.

Jib battens

Our proven CTP Carbon battens have a new manufacturing process improving the quality further whilst maintaining unsurpassed durability.

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Changes for 2019 Season

We are now offering a custom short taper on the upper battens where there is the most camber to manage. The front 30% of the batten is tapered on the width (in addition to the tapered thickness) to help soften the tip. To have this option please specify 'soft tip' when ordering battens.

2019 RC44 Jib Batten Sets

Sail	Batten	Type	Width	Thickness	Length (mm)	Leech EI	Weight (gm)	Soft tip Available
J2 Soft	#1 x-soft	Leech	15	510	1500	10.6	142	Yes
	#1	Leech	15	660	1500	22.5	186	Yes
	#2	Leech	15	660	1500	22.5	186	Yes
	#3	Leech	15	660	1500	22.5	186	Yes
	#4	Leech	19	780	1500	52.0	273	Yes
J2 Med	#1	Leech	15	660	1500	22.5	186	Yes
	#1 stiff	Leech	19	660	1500	22.5	236	Yes
	#2	Leech	15	660	1500	22.5	186	Yes
	#3	Leech	19	660	1500	28.5	236	Yes
	#4	Leech	19	780	1500	52.0	273	Yes
J3 Med	#1 soft	Leech	10	660	1500	13.8	179	Yes
	#1	Leech	15	660	1500	22.5	186	Yes
	#2	Leech	15	660	1500	22.5	186	Yes
	#3	Leech	19	780	1500	52.0	273	Yes
	#3	Leech	19	780	1500	52.0	273	Yes
J3 Stiff	#1	Leech	15	660	1500	22.5	186	Yes
	#1 stiff	Leech	19	660	1500	28.5	236	Yes
	#2	Leech	19	660	1500	28.5	236	Yes
	#3	Leech	19	780	1500	52.0	273	Yes
	#4	Leech	19	780	1500	52.2	273	Yes

Jib Batten Leech End Options

C-Tech has expanded the range of RSLT's and DSLCC's shell sizes to allow a better fit for more battens



RSLT



DSLCC

Product Code	Length (mm)	Internal Dims (mm)		Weight (grams)	
		Thickness	Width		
RSLT - Rocket-Style Leech Tensioner					
	RSLT005.016	90	5.5	16	13
	RSLT005.025	90	5.5	25	17
	RSLT007.015	90	7	15	14
	RSLT008.019	90	8	19	16
	RSLT008.025	90	8	25	18
	RSLT010.025	130	10	25	26
DSLCC - Dome-Shaped Leech Cap Carbon					
	DSLCC005.016	90	5.5	16	7
	DSLCC005.025	90	5.5	25	11
	DSLCC007.016	90	7	16	9
	DSLCC008.019	90	8	19	12
	DSLCC008.025	90	8	25	25