

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 Club Swan 50 Main Batten Set

Batten	Type	Length (m)	Stiffness - 3pt EI (Nm ²)			Weight (gm)	Tensioner
			Soft	Med	Stiff		
1	Full (CT22)	1.8	75	110	150	385-450	RSLT
2	Full (CT22)	2.0	45	60	75	375-455	RSLT
3	Full (CT22)	2.6	65	90	110	480-550	RSLT
4	Full (CT22)	3.6	80	105	140	825-925	RSLT
5	Leech (plate)	2.5	49.5	62.8	75.9	443-562	RSLT/DSLCC
6	Leech (plate)	2.5	75.9	96.1	126.4	443-738	RSLT/DSLCC
7	Leech (plate)	2.5	75.9	96.1	126.4	443-738	RSLT/DSLCC

Mainsail batten hardware



Full-length Batten Receptacles (185g)

Non Adjusting Titanium/Carbon Luff Receptacle (NTLR22). This is designed to fit a 12mm batten car stud. Adjusting versions are available (ATLR22) as well as Acetyl M10 versions.



Full-length Batten Tensioners (62g)

Rocket-style-leech-tensioners (RSLT's).



Leech Batten Ends (41g / 12-26g)

Leech battens use Fish-tail-leech-tensioners (FTLT's) or lashing caps (DSLCC's)

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 Club Swan 50 Jib Batten Sets

Sail	Batten	Type	Width	Thickness	Length (m)	Leech EI	Weight	Soft Tip Available	
J1	1	Soft	Full	15	390	1.0	5.1	71	Yes
	1	Stiff	Full	19	510	1.0	13.4	120	Yes
	2	Soft	Full	19	510	2.0	13.4	241	Yes
	2	Stiff	Full	19	660	2.0	28.5	315	Yes
	3		Leech	19	660	2.0	28.5	315	No
	4		Leech	19	660	2.0	28.5	315	No
	5		Leech	19	660	2.0	28.5	315	No
J1.5 /J2	1	Soft	Full	15	510	1.0	10.6	95	Yes
	1	Stiff	Full	19	510	1.0	13.4	120	Yes
	2	Soft	Full	19	510	2.0	13.4	241	Yes
	2	Stiff	Full	19	660	2.0	28.5	315	Yes
	3		Leech	19	960	2.0	96.1	449	No
	4		Leech	19	960	2.0	96.1	449	No
	5		Leech	19	960	2.0	96.1	449	No
J3	1		Full	19	440	1.5	14.1	177	Yes
	2		Full	19	560	2.0	30.4	305	Yes
	3		Leech	19	780	1.5	52	273	No
	4		Leech	19	960	2.0	96.1	449	No
	5		Leech	19	960	2.0	96.1	449	No
J4	1		Full	15	560	1.0	24	120	Yes
	2		Full	19	560	1.5	30.4	305	Yes
	3		Leech	19	780	1.5	52	273	No
	4		Leech	19	960	2.0	96.1	449	No
	5		Leech	19	960	2.0	96.1	449	No

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