

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 TP52 Main Batten Set Specification

Batten	Type	Length (m)	Stiffness - 3pt EI (Nm ²)				Weight (gm)
			X-Soft	Soft	Med	Stiff	
1	Full	2.50	100	135	170	210	444-685
2	Full	2.85	60	65	100	125	540-660
3	Full	3.45	65	95	130	150	631-830
4	Full	3.95	85	105	145	175	850-960
5	Leech	2.85	35	50	55	60	430-530
6	Leech	2.85	42	50	55	60	430-530
7	Leech	2.85	48	60	70	75	470-580
8	Leech	2.85	48	60	70	75	470-580

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.

Battens will be supplied with the actual stiffness (measure 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.

Changes for 2019 Season

We are now offering a custom short taper on the top two full length battens for the J1 and J2. 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 TP52 Jib Batten Sets

Sail	Batten	Type	Width	Thickness	Length (m)	Leech EI	Soft Tip Available <i>Specify 'Soft Tip'</i>	Weight (g)	
J1	1	Soft	Full	15	390	1.0	5.1	Yes	71
	1	Stiff	Full	15	510	1.0	10.6	Yes	95
	2	Soft	Full	15	510	2.0	10.6	Yes	190
	2	Stiff	Full	15	660	2.0	22.5	Yes	249
	3		Leech	15	660	2.0	22.5	No	249
	4		Leech	19	660	2.0	28.5	No	315
	5		Leech	19	660	2.0	28.5	No	315
J1.5	1	Soft	Full	10	510	1.0	6.5	Yes	69
	1	Stiff	Full	10	660	1.0	13.8	Yes	90
	2	Soft	Full	19	510	2.0	13.4	Yes	241
	2	Stiff	Full	15	660	2.0	22.5	Yes	249
	3		Leech	15	660	2.0	22.5	No	249
	4		Leech	15	780	2.0	41.0	No	288
	5		Leech	15	780	2.0	41.0	No	288
J2	1	Soft	Full	15	440	1.0	11.1	Yes	93
	1	Stiff	Full	15	660	1.0	22.5	Yes	124
	2	Soft	Full	15	660	2.0	22.5	Yes	249
	2	Stiff	Full	19	660	2.0	28.5	Yes	315
	3		Leech	15	780	2.0	41.0	No	288
	4		Leech	19	780	2.0	52.0	No	364
	5		Leech	19	780	2.0	52.0	No	364
J3	1		Full	19	440	1.5	14.1	No	118
	2		Full	19	560	2.0	30.4	No	305
	3		Leech	19	780	1.5	52	No	364
	4		Leech	15	960	2.0	96.1	No	354
	5		Leech	19	960	2.0	96.1	No	449
J4	1		Full	15	560	1.0	24	No	120
	2		Full	19	560	1.5	30.4	No	305
	3		Leech	19	870	1.5	62.8	No	439
	4		Leech	19	960	2.0	96.1	No	449
	5		Leech	19	960	2.0	96.1	No	449

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