

Mainsail battens

All battens are custom-made and can be selected from our standard stiffness sets or custom designed to any required stiffness and camber. With more tooling and capacity than ever before C-Tech have the fastest turnaround times for custom battens.

Battens will be supplied with the actual stiffness (EI as measured in Nm^2 from the bend test) permanently marked on the batten. This will allow easy changes on the dock without having to refer to barcodes, as well as making reordering specific batten stiffness's easier.

We have the ability to soften the tips of leech battens to any desired bend characteristic.



C-Tech Fast 40+ Main Batten Specification

Batten	Type	Batten Style	Length (mm) approx	Stiffness - 3pt EI (Nm^2)			Weight (gm)
				Soft	Med	Stiff	
1	Full	CT22	2000	58	72	87	320-400
2	Full	CT22	2200	49	61	73	340-420
3	Full	CT22	2600	58	73	88	410-550
4	Full	CT22	3200	64	80	96	600-780
5	Leech	Plate Batten	2200	28	41	49	280-400
6	Leech	Plate Batten	2200	28	41	49	280-400
7	Leech	Plate Batten	2200	37	52	62	350-500

Mainsail batten hardware



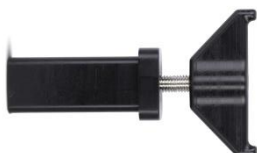
Full-length Batten Receptacles

Carbon-clamshell-luff-receptacles (CCLR's). The most common spec for these is the standard 3.6mm shell with 6mm insert at 115mm wide. There is a square front option shown on right.



Full-length Batten Tensioners

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



Leech Batten Tensioners

Leech battens use Fish-tail-leech-tensioners (FTLT's) in combination with Threaded-leech-plugs (THLP's).

Jib battens

Our proven CTP battens will continue to be supplied. Modified manufacturing processes see the quality further improved.

Battens will be supplied with the actual stiffness (EI as measured in Nm^2 from the bend test) permanently marked on the batten. This will allow easy changes on the dock without having to refer to barcodes, as well as making reordering specific batten stiffness's easier.



Sail	Batten	Type	Width	Thickness	Length (m)	Leech EI	
J1	1	Soft	Full	15	390	1.0	5.1
	1	Stiff	Full	15	510	1.0	10.6
	2	Soft	Leech	15	510	1.5	10.6
	2	Stiff	Leech	15	660	1.5	22.5
	3		Leech	15	660	1.5	22.5
	4		Leech	15	660	1.5	22.5
	5		Leech	15	660	1.5	22.5
J1.5 /J2	1	Soft	Full	10	510	1.0	6.5
	1	Stiff	Full	15	510	1.0	10.6
	2	Soft	Leech	15	510	1.5	10.6
	2	Stiff	Leech	15	660	1.5	22.5
	3		Leech	15	870	1.5	49.5
	4		Leech	15	870	1.5	49.5
	5		Leech	15	870	1.5	49.5
J3	1		Full	15	440	1.0	11.1
	2		Leech	15	660	1.5	22.5
	3		Leech	15	780	1.5	41.1
	4		Leech	15	960	1.5	75.9
	5		Leech	15	960	1.5	75.9
J4	1		Full	25	440	1.0	18.6
	2		Full	15	560	1.5	24
	3		Leech	15	870	1.0	49
	4		Leech	15	960	1.5	75.9
	5		Leech	15	960	1.5	75.9

Jib Batten Leech End Options

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



RSLT



DSLCC

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