

Spreaders and spreader brackets

Aluminium sections C080-C096 and carbon CC077-CC095 feature external stainless spreader brackets. These fittings feature a wide base to transfer spreader loads to the mast extrusion. This makes for a rigid connection, low windage and low weight.



The spreader brackets are angled 6° for optimum rig support.

C080; CC077

With the clevis pin vernier adjuster system, the spreader angle can be set anywhere from 0° to 34°, with adjustment increments as small as 2°. This allows rapid and repeatable tuning to suit weather conditions.

Mast section		Spreader bracket starboard and port side, Art. no. Alu. /Carbon	Width of spreader, mm	Spreader angle	Length, mm	Pair of spreaders excluding end plugs, Art. no.	End plug, Art. no.
Aluminium	Carbon					Blue anodised	
C080	CC077	522-168-01/-51	P-35	0 – 34°	285	503-770-11	500-801-01
					335	503-771-11	
					375	503-772-11	
					435	503-773-11	
					485	503-774-11	
					535	503-775-11	
					585	503-777-11	



C087-C096; CC086-CC095

This is a larger and stronger version of the vernier adjust type listed above, but with fixed angle spreaders. This is often required to comply with individual Class rules. Spreaders are custom made to give the correct sweep.

Mast section		Spreader bracket starboard and port side, Art. no. Alu. /Carbon	Width of spreader, mm	Spreader angle	Length, mm	Pair of spreaders excluding end plugs, Art. no.		End plug, Art. no.
Aluminium	Carbon					Silver anodised	Black anodised	
C087 C096	CC086 CC095	522-193-01	P-50	0° - 19° 0° - 15°	250	503-730-01	503-610-01	500-545-01
C087	CC086	522-169-01/-51		20° - 30°	300	503-731-01	503-611-01	
C096	CC095	522-170-01		16° - 30°	350	503-732-01	503-612-01	
					400	503-733-01	503-613-01	
					450	503-734-01	503-614-01	
					500	503-735-01	503-615-01	
					550	503-736-01	503-616-01	
					600	503-737-01	503-617-01	
					650	503-738-01	503-618-01	
					700	503-739-01	503-619-01	
					750	503-740-01	503-620-01	
					800	503-741-01	503-621-01	
					850	503-742-01	503-622-01	
					900	503-743-01	503-623-01	
					950	503-744-01	503-624-01	
					1000	503-745-01	503-625-01	
					1050	503-746-01	503-626-01	
					1100	503-747-01	503-627-01	
					1150	503-748-01	503-628-01	
					1200	503-749-01	503-629-01	



C106 – C139; CC105 – CC138

This type of spreader bracket is a through-bar design which provides strength as well as a smooth and elegant appearance. The shroud fittings for the lower shrouds are integrated into the spreader bracket. This reduces the number of fittings on the mast, minimising weight and windage.

Mast section		Spreader bracket starboard and port side,	Width of spreader, mm	Spreader angle	Stemball-cup		Length, mm	Pair of spreaders excluding end plugs, Art. no.		End plug, Clamped Art. no.	Linked end plug, Art. no.
Aluminium	Carbon				Wire, dia., mm	Cup		Silver anodised	Black anodised		
C106	CC105	522-171-01	T-60	0° - 30°	3 – 5	R9	300	503-174-01	503-634-01	500-629-01	500-630-01
C116	CC115	522-172-01					350	503-175-01	503-635-01		
C126	CC125	522-173-01			3 – 6	R11	400	503-176-01	503-636-01		
C139	CC138	522-174-01					450	503-177-01	503-637-01		
		500					503-178-01	503-638-01			
		550					503-179-01	503-639-01			
		600					503-180-01	503-640-01			
		650					503-181-01	503-641-01			
		700					503-182-01	503-642-01			
		750					503-183-01	503-643-01			
		800					503-184-01	503-644-01			
		850					503-185-01	503-645-01			
		900					503-186-01	503-646-01			
		950					503-187-01	503-647-01			
		1000					503-188-01	503-648-01			
		1050					503-189-01	503-649-01			
		1100					503-190-01	503-650-01			
		1150					503-164-01	503-651-01			
		1200					503-165-01	503-652-01			
		1250					503-166-01	-			
		1300					503-167-01	-			
		1350					503-168-01	-			
		1400					503-169-01	-			

Clevis pins for spreader brackets

Mast section		Spreader bracket starboard and port side, Art. no.	Width of spreader, mm	Inner clevis pin, mm			Outer clevis pin, mm			Split ring	Split pin
Aluminium	Carbon			Ø	L	Art. no.	Ø	L	Art. no.		
C080	CC077	522-168-01/-51	P-35	4,75	14	165-608	M5 bolt M5 nut	-	155-049 158-004	301-527 (Ø 10 x 1,5 mm)	
C087	CC086	522-193-01 522-169-01/-51	P-50	8	32	165-105	8	32	165-105	301-528 (Ø 15 x 1,5)	
C096	CC095	522-193-01 522-170-01									
C106	CC105	522-171-01	T-60			-	8	27	165-113		301-049 (Ø 2,9 x 16/19 UEL)
C116	CC115	522-172-01									
C126	CC125	522-173-01									
C139	CC138	522-174-01									

UEL = Un Equal Length



Jumper arrangement

A jumper arrangement is a pair of spreaders in the top of the mast, angled 20° forward. Jumpers increase the longitudinal and lateral stiffness of the mast, and are sometimes required if a high hoist gennaker/spinnaker is used, or to stabilize the head of the mainsail.

Mast section		Jumper bracket, starboard and port side, Art. no. Alu./Carbon	Width of spreader, mm	Length, mm	Pair of jumpers incl. end plugs, Art. no.		Pair of jumpers excl. end plugs, Art. no.		Clevis pin, (mm) Art. no.	Split ring, Art. no.	End Plug, clamped, Art. no.
Aluminium	Carbon				Blue	Black	Silver anodised	Black anodised			
C080-C096	CC077-CC095	522-200-01/-51	P-35	Cut to length	503-758-11	503-784-11			165-607 (Ø 4,7 x 8,9)	301-527 (Ø 10 x 1,5)	500-801-01 (for Ø 2-3 mm wire)
C106-C139	CC105-CC138	522-199-01/-51	P-50	250			503-730-01	503-610-01	165-105 (Ø 8 x 32)	301-528 (Ø 15 x 1,5)	500-545-01 (for Ø 3-6 mm wire)
				300			503-731-01	503-611-01			
				350			503-732-01	503-612-01			
				400			503-733-01	503-613-01			
				450			503-734-01	503-614-01			
				500			503-735-01	503-615-01			

