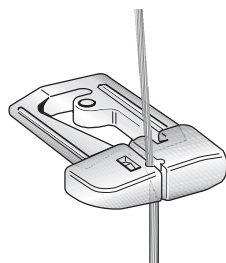
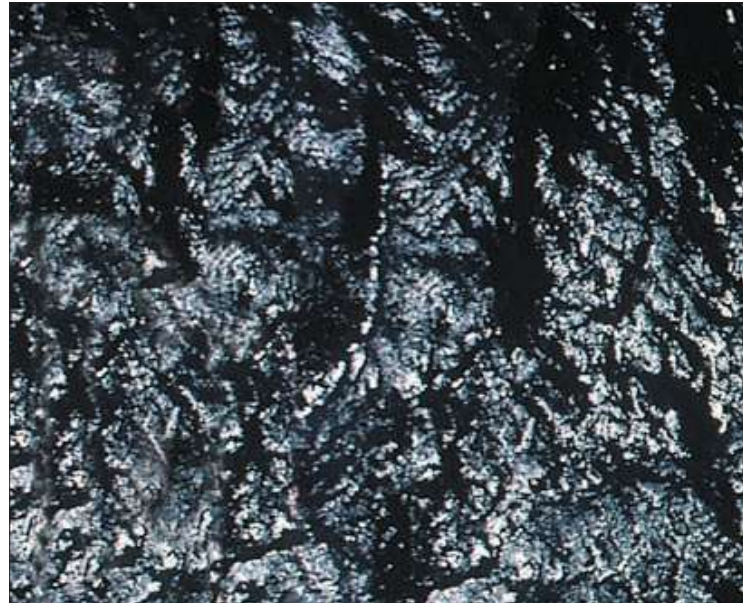
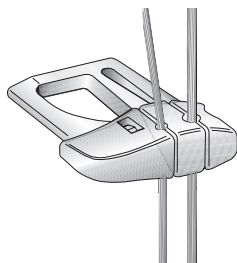


Spreader brackets and spreader assemblies

The tables below give you full information for choosing the right replacement spreader, spreader end plug or spreader bracket for your yacht. The mast section is always the key to identifying the correct spreader assembly.



End plug, P-70.



End plug, P-95.



Eye for flag halyards,
Art. No. 508-089-01.

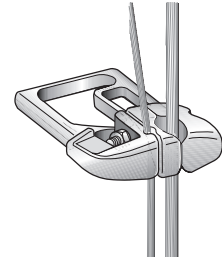
Mast section	Bracket pair starboard and port	Spreader width, mm	Length, mm (tapered)	Spreader assembly Art. No. (1 pair) excl. end plug	End plug Art. No.
P100	522-002-01	P-70	400 (350)	503-160-02*	Wire Ø 3-6 500-545-01
P111	522-003-01		450	503-161-02*	
	522-003-02**		500	503-162-02*	
			550	503-163-02*	
			600 (550)	503-151-02*	
			650	503-152-02*	
			700	503-153-02*	
			750	503-154-02*	
E122	522-033-01		400 (350)	503-160-01	
E130	522-035-01		450	503-161-01	
D109	522-017-01		500	503-162-01	
D121	522-049-01		550	503-163-01	
E138	522-027-01	P-95B	550 (350)	503-201-01	Wire Ø 4-7 500-566-01
E155	522-029-01		600 (550)	503-202-01	
E170	522-031-01		650	503-203-01	
D129	522-025-01		700	503-204-01	Wire Ø 8 500-566-02
D137	522-019-01		750	503-205-01	
D146	522-023-01		800 (700)	503-206-01	
			850	503-207-01	
D160	522-021-01		900	503-208-01	
			950	503-209-01	
			1000 (900)	503-210-01	
R190	522-075-01		1050	503-211-01	
R213	522-077-01		1100	503-212-01	
F176, F194	522-164-01		1150	503-213-01	
			1200	503-214-01	
			1300	503-215-01	
			1400	503-216-01	
			1500	503-217-01	

* Slotted inner end. ** With long bolt for tangs.

Example for ordering a single spreader: half a spreader pair (503-204-01), width P-95, length 700 mm (mast section, starboard/port, angle), plus end plug (500-566-01). Please state if it is the lower spreader with flag halyard eye.



Mast section	Bracket pair starboard and port	Spreader width, mm	Length, mm (tapered)	Spreader assembly Art. No. (1 pair) excl. end plug	End plug Art. No.
E177	522-037-01	P-117	600 (450)	503-301-01	Wire Ø 6
E189	522-039-01		650 (600)	503-302-01	500-572-01
E206	522-041-01		700	503-303-01	Wire Ø 7-10
R214	522-069-01		750	503-304-01	
R235	522-079-01		800	503-305-01	
			850 (750)	503-306-01	Wire Ø 12 (top spreader)
R232	522-065-01		900	503-307-01	
R260	522-063-01		950	503-308-01	
			1000	503-309-01	
F212, F228, F246	522-065-01		1050	503-310-01	
F265	522-160-01		1100	503-311-01	
			1150 (1000)	503-312-01	
			1200	503-313-01	
			1300	503-314-01	
			1400	503-315-01	
			1500	503-316-01	
E224	522-043-01	P-140	600 (550)	503-401-01	Wire Ø 6-7
E237	522-045-01		650 (600)	503-402-01	500-582-01
E274	522-051-01		700	503-403-01	Wire Ø 8-10
R290	522-067-01		750	503-404-01	
F286, F305	522-162-01		800	503-405-01	
			850 (800)	503-406-01	Wire Ø 12
			950	503-408-01	
			1000	503-409-01	
			1050	503-410-01	
			1100	503-411-01	Wire Ø 14
			1150 (1100)	503-412-01	
			1200	503-413-01	
			1300	503-415-01	
			1400	503-417-01	
			1500	503-419-01	
			1600	503-421-01	



End plug, P-117 and P-140.

Example for ordering a single spreader: half a spreader pair (503-308-01), width P-117, length 950 mm (mast section, starboard/port, angle), plus end plug (500-574-01). Please state if it is the lower spreader with flag halyard eye.

1001

Diagram illustrating the upper cap eye assembly. The assembly includes the upper cap eye, the inter-shroud, and the lower cap fork.



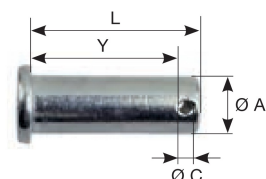
Linked end plug for T-90, T-105 and T-131 (from 2008).

Spreader bracket clevis pins

P-spreaders, clevis pins for spreader brackets

Spreader width mm	Mast section	Spreader bracket set Art. No.	Forward pin, mm					Aft pin, mm				
			Ø A	L	Y	Ø C	Art. No.	Ø A	L	Y	Ø C	Art. No.
P-70	E122	522-033-01	10	42	37	3	165-207	10	28	23	3	165-203
	E130	522-035-01	10	42	37	3	165-207	10	28	23	3	165-203
	D109	522-017-01	10	42	37	3	165-207	10	28	23	3	165-203
	D121	522-049-01	10	42	37	3	165-207	10	28	23	3	165-203
	E138	522-027-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
P-95	E155	522-029-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	E170	522-031-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	D129	522-025-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	D137	522-019-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	D146	522-023-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	D160	522-021-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	R190	522-075-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	R213	522-077-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
	E177	522-037-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	F176, F194	522-164-01	12	53	47	3.5	165-403	12	33	27	3.5	165-402
P-117	E189	522-039-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	E206	522-041-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	R214	522-069-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	R232	522-065-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	R235	522-079-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	R260	522-063-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	E224	522-043-01	16	76	69	4.5	165-551	16	50	43	3.5	165-552
	F212, F228, F246	522-065-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
P-140	F265	522-160-01	14	61	54	4.5	165-507	14	41	34	3.5	165-505
	E237	522-045-01	16	76	69	4.5	165-551	16	50	43	3.5	165-552
	E274	522-051-01	16	76	69	4.5	165-551	16	50	43	3.5	165-552
	R290	522-067-01	16	76	69	4.5	165-551	16	50	43	3.5	165-552
	F286, F305	522-162-01	16	76	69	4.5	165-551	16	50	43	3.5	165-552

Please note that the length of the clevis pin differs according to whether the pin is a forward or aft pin. The forward pin is longer in order to fit the P-spreader properly. After attaching the spreaders and split pins, wrap with adhesive tape to prevent sail damage.



T-spreaders, clevis pins and split pins for spreader brackets

Spreader width, mm	Clevis pin Art. No. (dim., mm)	Split pin Art. No. (dim., mm)
T-90	165-402 (Ø 12 x 33)	301-049 (Ø 2,9 x 16)
T-105	165-505 (Ø 14 x 41)	301-053 (Ø 3,7 x 20)
T-131	165-552 (Ø 16 x 50)	301-051 (Ø 3,7 x 25)