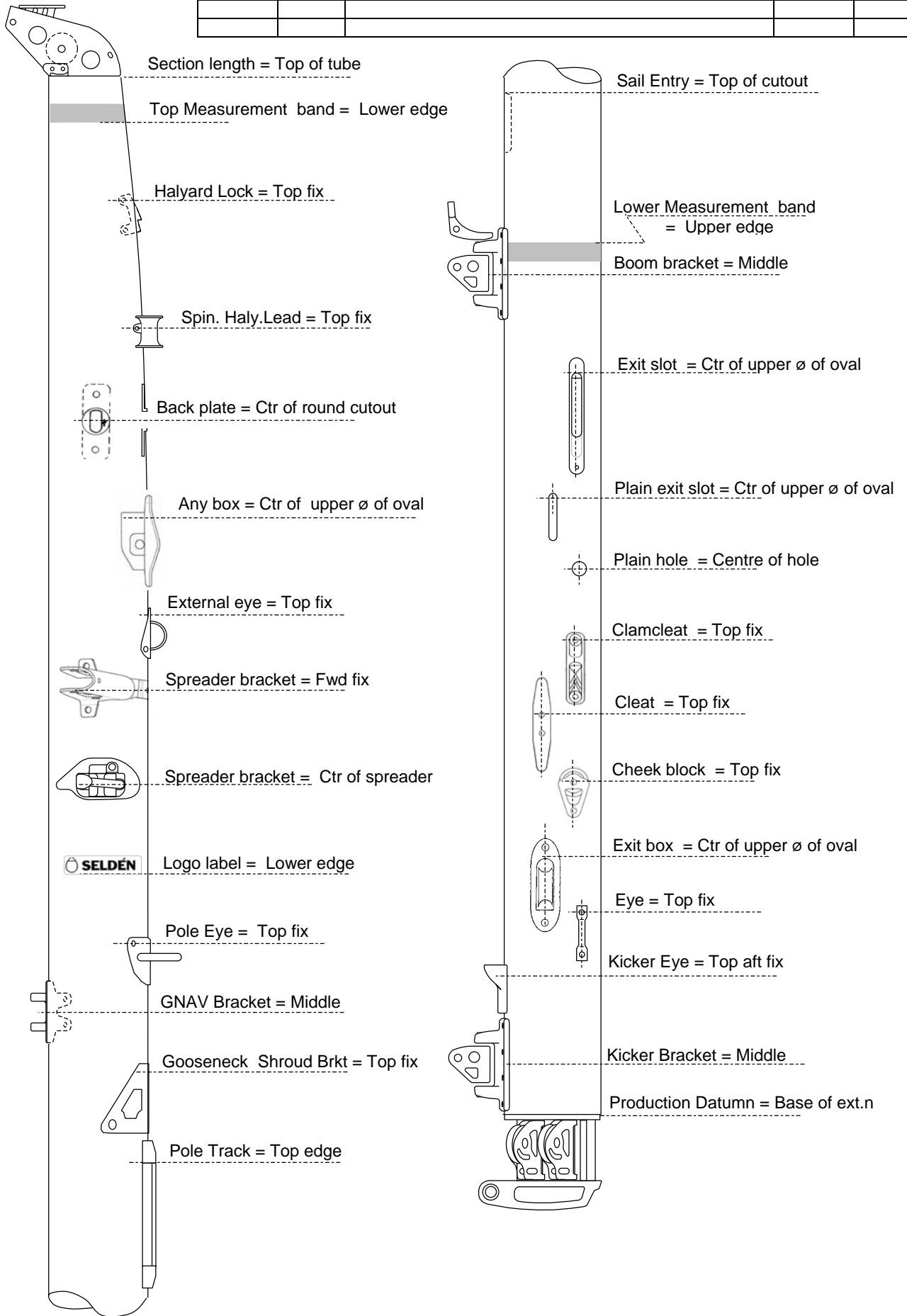


Rev.	Qty	Revisions	Date	Initials
1	1	Spin haly. lead Production dimension defined	071106	jp



 **SELDÉN**

Keelboat Mast Production Dimension Standard

File: tba

Drawn: JP

Orig. Date: 071106

Scale: nts

Replacing:

Approved:

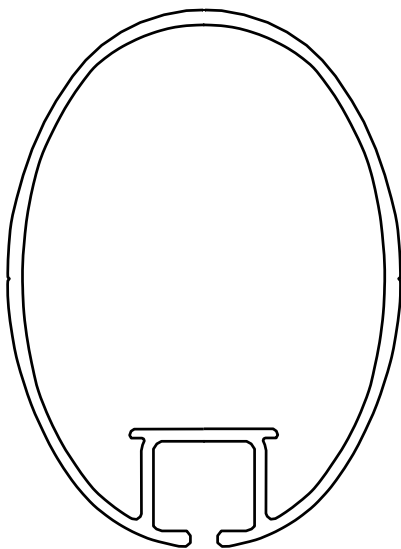
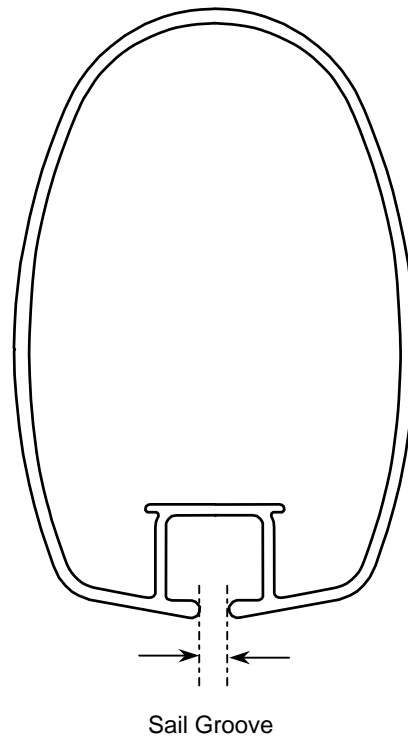
Dwg. No. **PS370K**

Mast Sections

Section	Length mm	Width mm	I_y cm^4	I_x cm^4	Wall thickness mm	Weight kg/m	W_y cm^3	W_x cm^3	Sail Groove
	± 1%	± 1%	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%	
C080	79	60	37.0	22.0	2.0	1.49	8.6	7.4	4.5
C087	87	64	49.8	27.5	2.0	1.67	10.6	8.74	4.5
C096	96	69	65.7	34.6	2.0	1.79	12.67	10.15	4.5
C106	106	71	92.6	44.1	2.0	1.97	15.95	12.63	5.0
C116	116	75	126.4	57.2	2.3	2.26	19.88	15.41	5.0
C126	126	79	172.2	74.6	2.4	2.54	25.37	18.99	5.0
C139	139	85	237.4	99.0	2.5	2.94	31.33	23.33	5.0

Spreader Sections

Type	Length mm	Width mm	I_y cm^4	I_x cm^4	Weight kg/m	W_y cm^3	W_x cm^3
	± 1%	± 1%	± 5%	± 5%	± 5%	± 5%	± 5%
P35	35	10					
P50	50	19	3.82	0.75	0.47	1.4	0.8
T60	60	20	10.2	1.64	0.72	3.21	1.64

Sections C080, C087, C096

Sections C106, C116, C126, C139


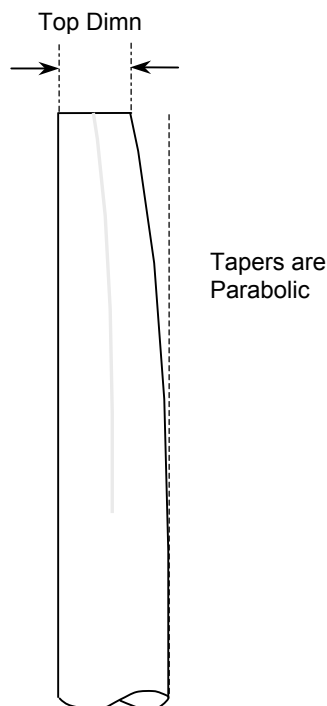
Line 1010

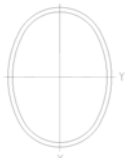
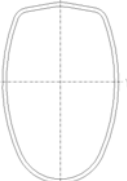
Untapered Section



Section	Length	Assy No Plain	Assy No With conduit		
C080	10500	535-251-01	-		
C087	10500	535-252-01	-		
C096	10000	535-253-02	-		
C106	10000	535-254-01	535-254-11		
C116	12000	535-255-01	535-255-11		
C126	10000	535-256-01	535-256-11		
C139	10500 12400	535-257-01 535-257-02	535-257-11 535-257-12		

Tapered Section

Section	Top Dimn (f&a)	Section Length	Tapered Length	Assy No Plain	Assy No With conduit	
C080	53	10500	1200	535-251-03	-	
C087	58	11000	1200	535-252-03	-	
C096	64	10500	1200	535-253-03	-	
C106	70	8500 10500	1500 1500	535-254-05 535-254-04	535-254-15 535-254-14	
C116	76	12000	1500	535-255-03	535-255-13	
C126	84	12400	1800	535-256-03	535-256-13	
C139	92	12400	1800	535-257-03	535-257-13	



	Section	Dimensions X/Y	Ely (GNmm ²)	EIx (GNmm ²)	Wall thickness (mm)	Weight (kg/m)	Wy (cm ³)	Wx (cm ³)
	CC079-21 1)	79/60	20	13	2.1	0.68	8	7
	CC079-24 1)	80/60	24	15	2.4	0.78	9	8
	CC079-30 1)	81/61	33	21	3.0	0.98	12	10
	CC086-24	86/63	29	18	2.4	0.83	11	9
	CC086-30	87/64	40	25	3.0	1.04	13	11
	CC095-24 1)	95/68	40	24	2.4	0.92	13	11
	CC105-24 1)	105/69	55	29	2.4	1.02	16	13
	CC105-30 1)	106/71	76	40	3.0	1.28	20	16
	CC115-24	115/74	71	36	2.4	1.10	19	15
	CC115-30	116/75	98	49	3.0	1.38	24	19
	CC125-24 1)	125/78	91	44	2.4	1.19	23	18
	CC125-30 1)	126/79	124	61	3.0	1.50	28	22
	CC125-36 1)	127/80	158	77	3.6	1.80	34	27
	CC138-30	139/85	164	76	3.0	1.63	34	26
	CC138-36	140/86	208	97	3.6	1.97	41	31

	Section	Including track 2) 3) 4) 5)		Including 1x300gsm 25mm wide 0° tape Front & Back		Including 2x300gsm 25mm wide 0° tapes Front & Back	
		Ely (GNmm ²)	Weight (kg/m)	Ely (GNmm ²)	Weight (kg/m)	Ely (GNmm ²)	Weight (kg/m)
	CC079-21	21	0.83	23	0.85	26	0.88
	CC079-24	24	0.93	27	0.95	29	0.98
	CC079-30	34	1.14	36	1.18	39	1.23
	CC086-24	30	0.98	33	1.3	36	1.07
	CC086-30	41	1.20	45	1.24	47	1.29
	CC095-24	41	1.07	44	1.11	48	1.16
	CC095-30	56	1.31	59	1.35	63	1.40
		Including track 2) 3) 4)		Including 1x300gsm 50mm wide 0° tape Front & Back		Including 2x300gsm 50mm wide 0° tapes Front & Back	
	Section	Ely (GNmm ²)	Weight (kg/m)	Ely (GNmm ²)	Weight (kg/m)	Ely (GNmm ²)	Weight (kg/m)
	CC105-24	72	1.31	80	1.35	88	1.40
	CC105-30	93	1.57	101	1.61	110	1.66
	CC115-24	92	1.39	101	1.44	111	1.48
	CC115-30	119	1.67	129	1.72	139	1.76
	CC125-24	113	1.48	124	1.53	136	1.57
	CC125-30	148	1.79	159	1.83	171	1.88
	CC125-36	182	2.10	194	2.14	206	2.19
	CC138-30	194	1.92	209	1.97	223	2.01
CC138-36	240	2.26	254	2.30	269	2.35	

1) Section not yet available.

2) Track adds 14mm to the section F/A dimension on sections CC079 to CC095 (using 535-785 track)

3) Track adds 15mm to the section F/A dimension on sections CC026 to CC138 (using 535-879 track)

4) Track 535-785 is in PVC and for bolt rope use only

5) Track 535-879 is in Aluminium, and designed for use with bolt rope as well as slugs.

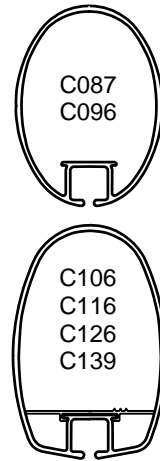
Sections with no uni-directional reinforcement will be specified as CC### - ## - 00 in SelCalc

Sections with one layer of uni-directional reinforcement will be specified as CC### - ## - 01 in SelCalc

Sections with two layers of uni-directional reinforcement will be specified as CC### - ## - 02 in SelCalc

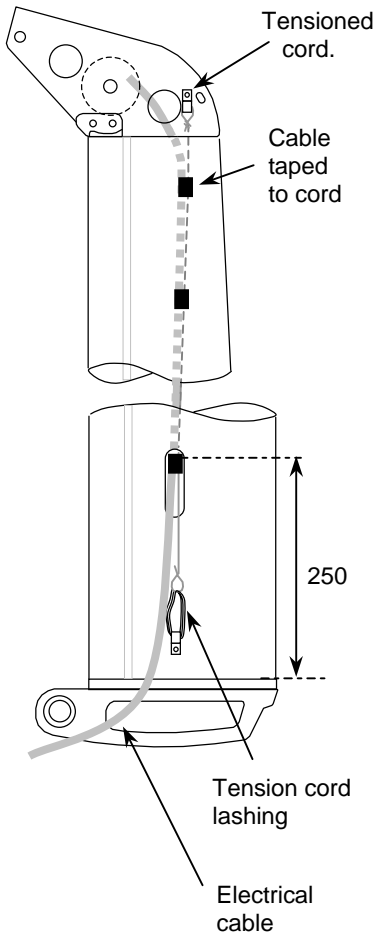
Mast Section

Section	Assy No	Cable Capacity	Side Exit Hole $\varnothing 20$	Comment
C080	~	~	~	No conduit
C087	No plan for conduits. Will be introduced if a large demand exists			Option: Tensioned cable support
C096				
C106	535-652-02	tba	B - 21	FR Rig only 2 x identification ridges
C116	535-652-02	tba	B - 30	
C126	535-653-02	tba	B - 30	MH & FR Rig 3 x identification ridges
C139	535-653-02	tba	B - 35	



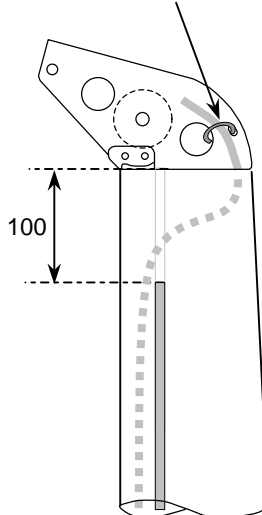
Tensioned Cable Support.

Basic Assembly **508-417-04**
Tensioned Cord **613-050**
(mast length)



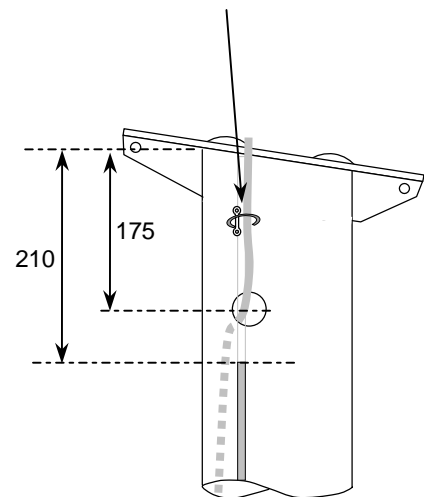
Standard Upper Layout FR Rig C106 ~ C139

Cables exit through open top of extrusion
Secured with a plastic tie

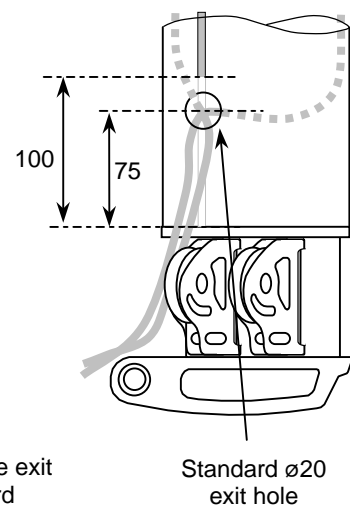
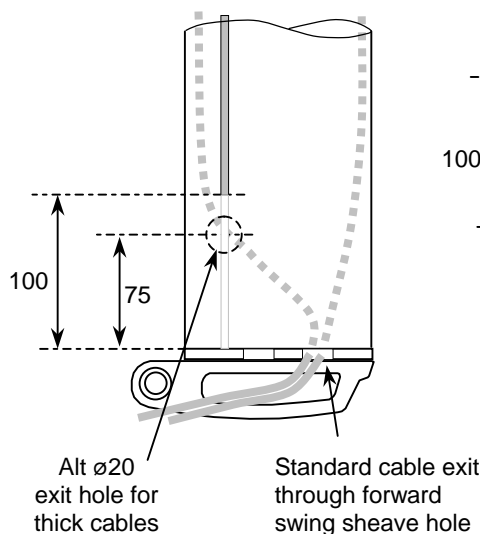


Standard Upper Layout MH Rig C126 ~ C139

Cables exit through $\varnothing 20$ hole.
Secured to the strap with a plastic tie



Standard Heel Layout MH & FR Rig C106 ~ C139



All headboxes have 2 sheaves forward + 2 sheaves aft., and are angled 15°

Line 1050

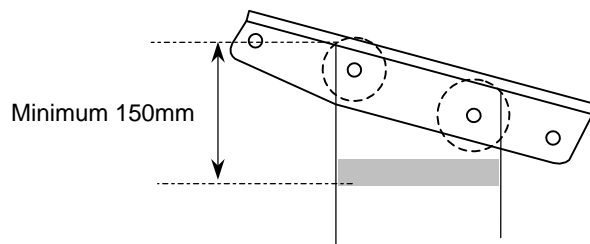
Masthead Untapered Headbox

Mast Section	Assy Number Standard	Pin ø	Max Stay	Max Halyard	Fwd sheaves	Aft sheaves
C126 C139	501-028-01	ø10	ø6	ø8	ø70x13	ø57x13

Line 1060, 1061

Forestay / Backstay Toggle (W30/ø10)

Stay Dia	Item Number	Toggle Pin
ø3	517-001-02	ø6
ø4	517-001-01	ø8
ø5	517-001-01	ø8
ø6	517-002-01	ø10



Line 1050

Fractional Untapered, with backstay

Section	Assy Number Standard	Pin \varnothing	Max Stay	Max Halyard
C080	501-121-			
C087	501-123-01	6	$\varnothing 4$	$\varnothing 8$
C096	501-123-01	6	$\varnothing 4$	$\varnothing 8$
C106	501-127-01	6	$\varnothing 4$	$\varnothing 8$
C116	501-127-01	6	$\varnothing 4$	$\varnothing 8$
C126	501-131-01	8	$\varnothing 5$	$\varnothing 8$
C139	501-131-01	8	$\varnothing 5$	$\varnothing 8$

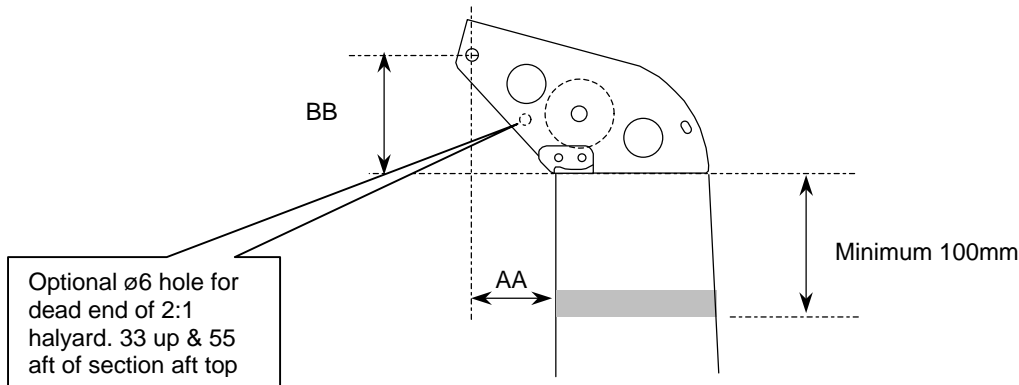
Fractional Tapered, with backstay

Section	Assy Number Standard	Assy Number Long Crane	Assy Number Long Crane + Spin	Pin \varnothing	Max Stay	Max Halyard
C080	501-122-					$\varnothing 8$
C087	501-124-01	501-125-01	501-126-01	6	$\varnothing 4$	$\varnothing 8$
C096	501-124-01	501-125-01	501-126-01	6	$\varnothing 4$	$\varnothing 8$
C106	501-128-01	501-129-01	501-130-01	6	$\varnothing 4$	$\varnothing 8$
C116	501-128-01	501-129-01	501-130-01	6	$\varnothing 4$	$\varnothing 8$
C126	501-132-01	501-133-01	501-134-01	8	$\varnothing 5$	$\varnothing 8$
C139	501-132-01	501-133-01	501-134-01	8	$\varnothing 5$	$\varnothing 8$

Fractional, no backstay

Section	Assy Number Standard	Max Halyard
C080 to C106	501-101-01	$\varnothing 8$

Note: Headboxes have a single halyard sheave.
 There is no sheave for a topping lift. Fixed T/L only.


Backstay Pin Position

Headbox	Section	AA	BB	Headbox	Section	AA	BB	Headbox	Section	AA	BB
501-121	C080			501-126	C087	99	75	501-131	C126	95	90
					C096	93	75		C139	82	90
501-122	C080			501-127	C106	80	85	501-132	C126	83	85
					C116	70	85		C139	74	85
501-123	C087	65	75	501-128	C106	70	70	501-133	C126	212	120
	C096	56	75		C116	63	70		C139	203	120
501-124	C087	58	65	501-129	C106	180	100	501-134	C126	127	100
	C096	52	65		C116	173	100		C139	118	100
501-125	C087	149	90	501-130	C106	105	80				
	C096	143	90		C116	99	80				

AA = Distance aft side of mast to backstay fixing point
 BB = Distance above top of section.

All headboxes have 2 sheaves forward + 2 sheaves aft, and are angled 15°

Line 1051, 1148, 1188, 1190

Spinnaker Halyard & Furlex

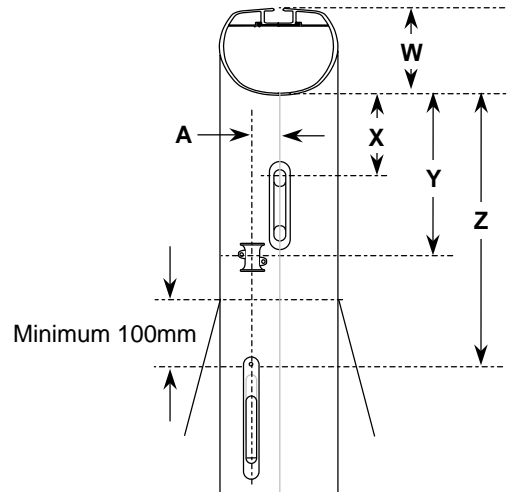
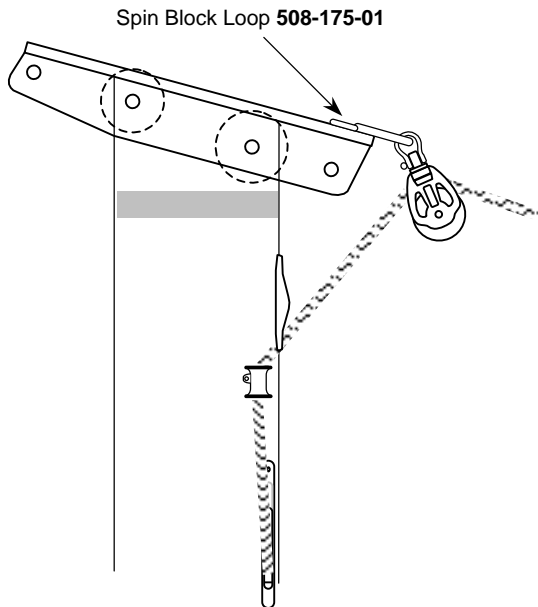
Mast Section	Headbox	Single Spin Block Loop (1051)	Loop RM 30° Limit	Furlex Haly. Box (1148)	Spin Haly. Lead (1188)	Spin Halyard Exit (1190)
C126	501-028-01	508-175-01	<30 kNm	505-072-01	508-159-01	505-017-01
C139						

Locations

Mast Section	A	W	X	Y	Z
C126	20	35	210	400	500
C139	20	38	210	400	500




Notes:

1. Dimns X,Y, Z are from the top front of the section



Line 1051,1070, 1080, 1122,

Masthead Rig (15° angle only)

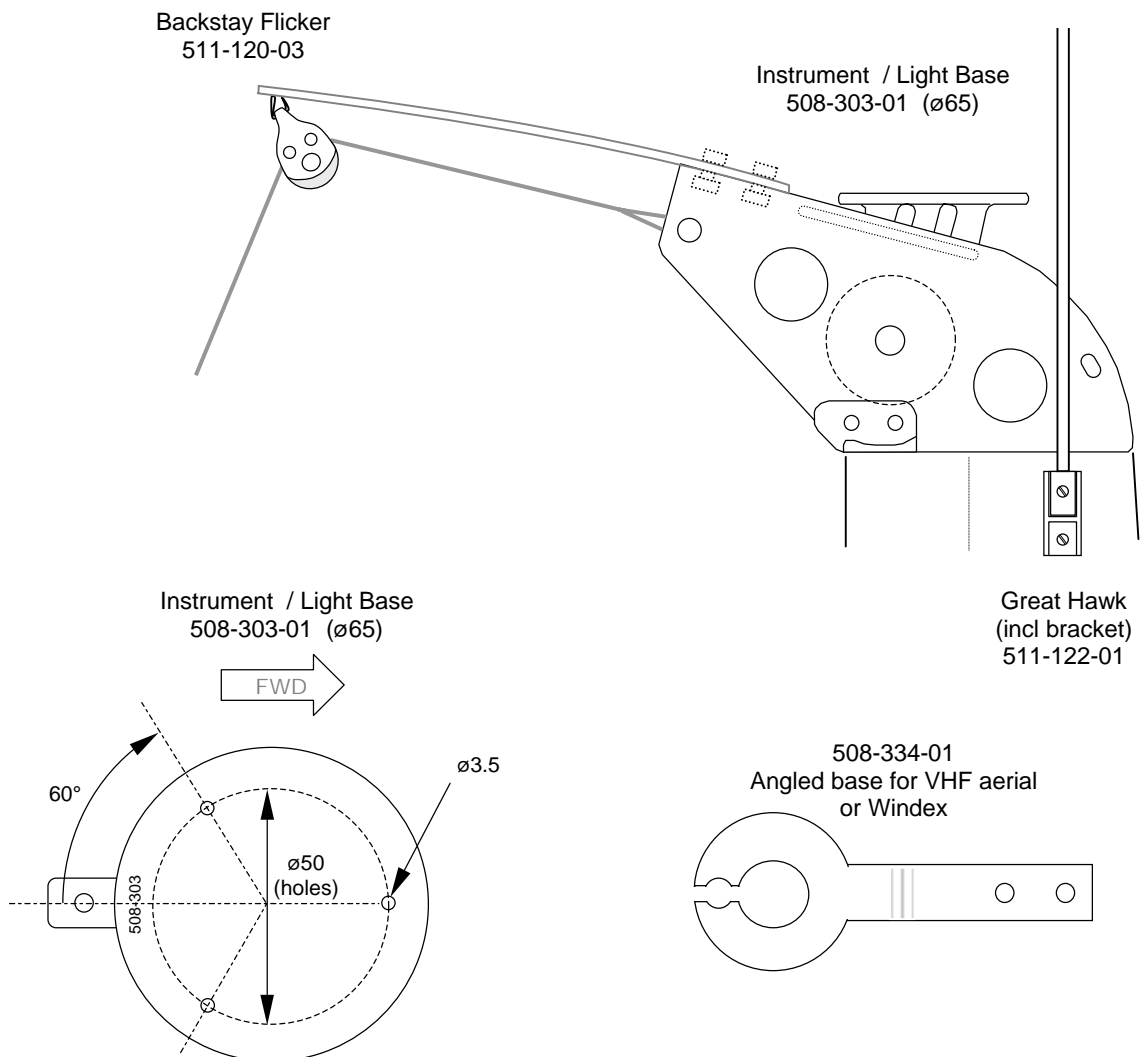
Mast Section	Headbox	Windex / Anchor Light Base	3-Colour Light / Anchor Lt Base	Instruments Base
C126 C139	501-028-01	508-549-01 (base 20x30)	508-560-01 (base 60x30x63)	508-563-01 (base 100x40)
				

Fractional Rig

Mast Section	Instrument / Light Base	Base for Windex or VHF Aerial 1), 2)	3-Colour Light	3-Colour Light +White	Wind Indicator	Backstay Flicker
C080	508-303-01	508-334-01	526-020-01 (screws)	526-021-01 (screws)	511-122-01 "Great Hawk"	511-120-03
C087						
C096						
C106						
C116						
C126						
C139						

Note:

1. Standard position is aft. Backstay flicker must not be fitted.
2. Extra Base may be fitted forward (inverted) instead of the 508-303-01



Arrangement 1

Single Spin Exit Box/Lead -.-, with BB sheave	505-061-12 505-061-16	505-061-12 505-061-16	505-061-12 1) 505-061-16 1)	-
Standard Location 2)	FH+160	FH+160	FH+160	-

Arrangement 2

Single Spin. Exit Box	505-061-03	505-061-03	505-061-03 1)	505-072-01
-.-, with BB sheave	505-061-10	505-061-10	505-061-10 1)	
Location	FH+400	FH+400	FH+400	FH+400
Single Spin. Lead	508-159-01	508-159-01	508-159-01	508-159-01
Location, top rivet	FH+60	FH+60	FH+75	FH+90

Arrangement 3

Upper Spin. Exit Box	-	-	505-072-01	505-072-01
Location	-	-	FH +600 3)	FH +600 3)
Lower Spin. Exit Box	-	-	505-061-03	505-061-03
-.-, with BB sheave	-	-	505-061-10	505-061-10
Location	-	-	FH +400 3)	FH +400 3)
Double Spin. Lead	-	-	508-734-01 4)	508-734-01 4)
Location, top rivet	-	-	FH+75	FH+90

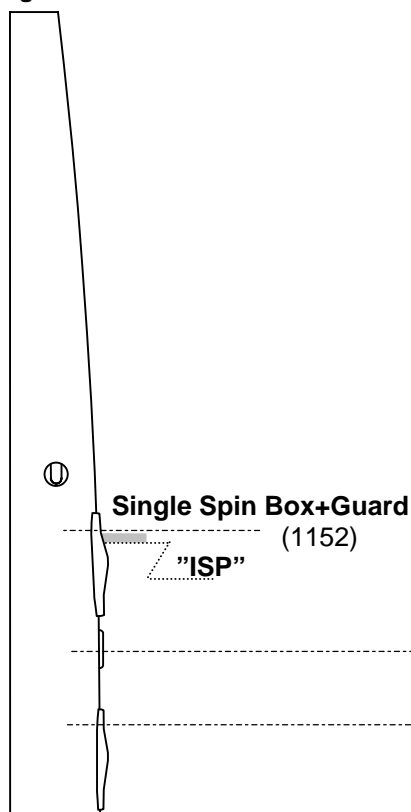
All Arrangements

Forestay	ø3	ø4	ø5	ø6
Backing Plate PN	507-553-01	507-551-01	507-552-01	507-560-01
Location	FH	FH	FH	FH
Genoa Haly x1.	505-061-03	505-061-03	505-061-03	505-072-01
Location	FH - 110	FH-110	FH-110	FH-150
Max Rope Halyard	Rø8	Rø8	Rø8	

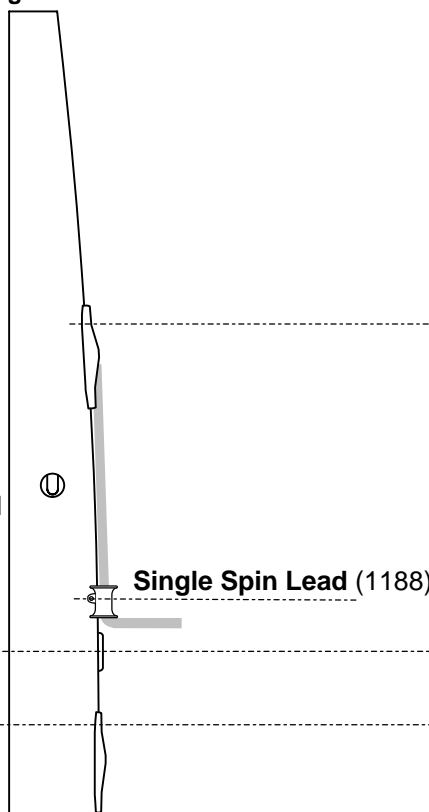
Notes:

- 1). Max RM30° 16.0 kNm
- 2). If above standard height, there could be a conflict with cap shrouds. Consult STC.
- 3). On A line
- 4). C116, C126 & C139 only. If on C116, item requires forming to suit front radius.
- 5). Production dimn to "ISP": **505-061** = 7mm, **505-072** = 10mm
- 6). T-Term/fork for Furlex: ø4 = **174-127-01** (L=25), ø5 = **174-128-01**(L=35), ø6 = **174-122-01**(L=40.)

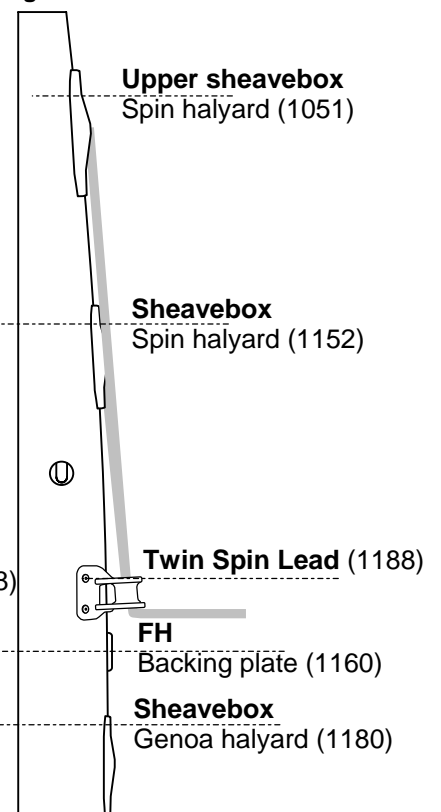
Arrangement 1



Arrangement 2



Arrangement 3



Line 1160

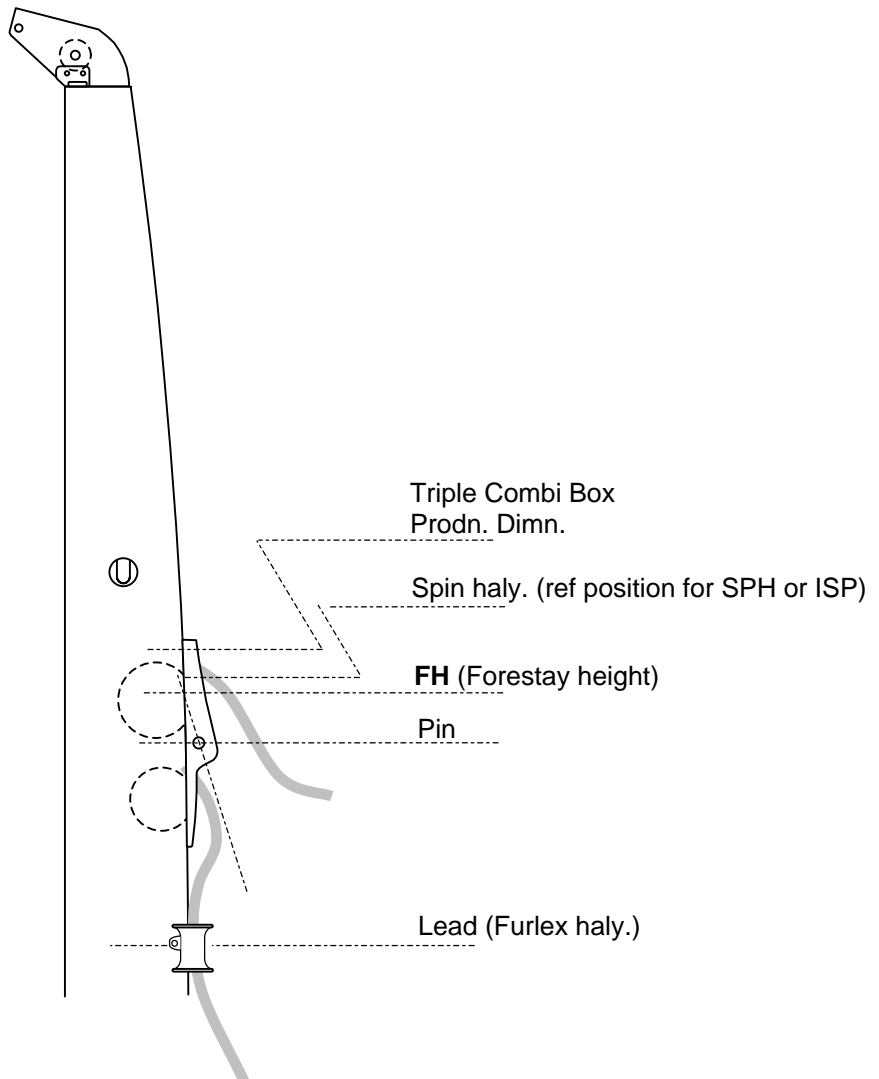
Spin Haly. Exit	Incl.
Max Haly.	Rope \varnothing 10
Location (underside of haly.)	FH + 25

Forestay	\varnothing 4	\varnothing 5
PN	505-011-01	
Location	FH + 33	
Pin ht.	FH - 32	

Genoa Haly.	Incl.
Max Wire+Rope Haly.	Wire \varnothing 4 + rope \varnothing 10
Max Rope Halyard	Rope \varnothing 12

Furlex Haly. Lead	508-159-01
Location	FH - 270

Note: Minimum mast section C106



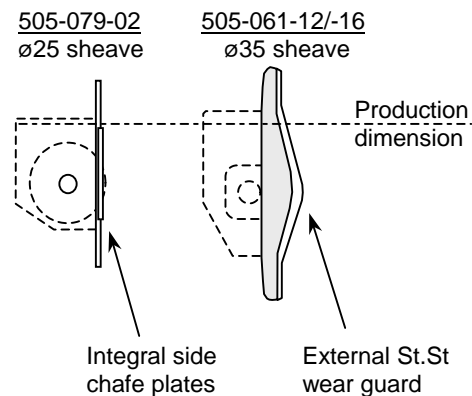
Internal Lift

Line 1255

1. Fit at 60% of FH above deck.

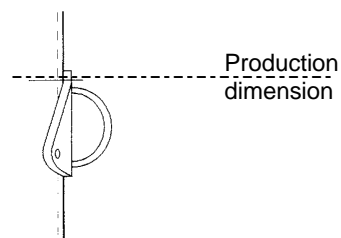
Pole Lift Box

Mast Section	Sheave Box With wear guard		Max Rope
	Standard	Ball Bearing	
C080 C087	-	505-079-02	ø5
C096 C106 C116 C126 C139	505-061-12	505-061-16	ø8



External Eye (for block)

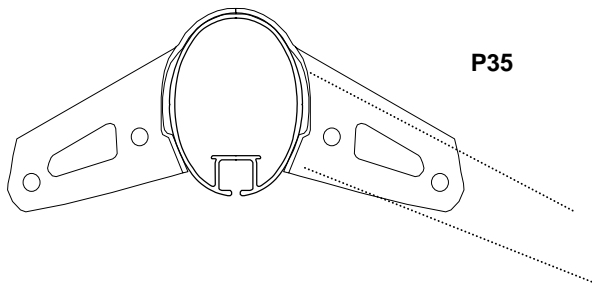
Mast Section	Eye	Block
C080 C087 C096	508-477-01	538-135
C106 C116 C126 C139	508-502-01	538-135



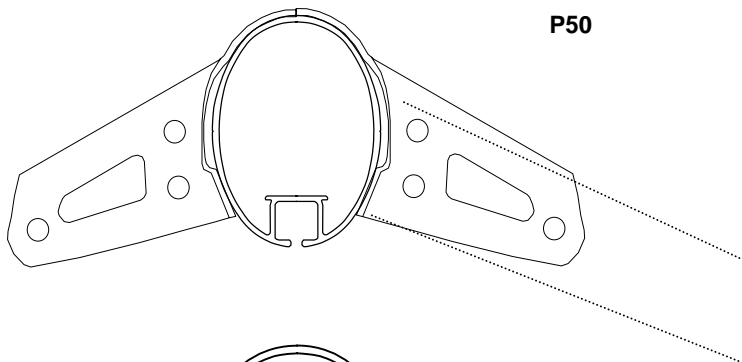
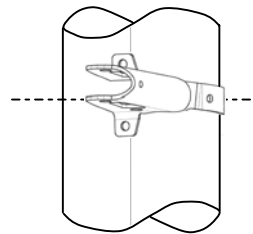
Line 1300

Spreader Bracket

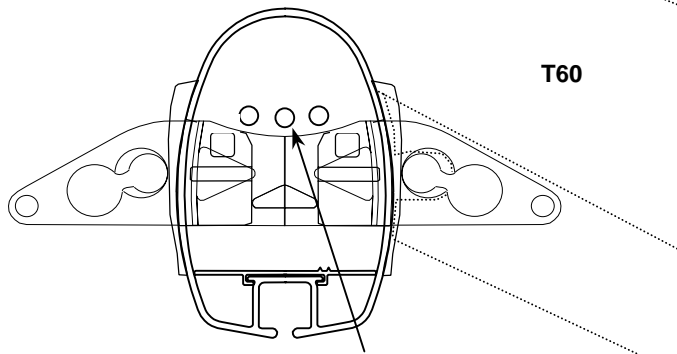
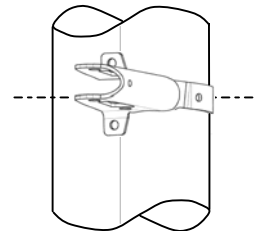
Section	Spreader Bracket	Spreader Type	Available angle	Stemball	
				Wire	Seat
C080	522-168-01	P35		~	~
C087	522-193-01	P50	0°~19°	~	~
	522-169-01	P50	20°~30°	~	~
C096	522-193-01	P50	0°~15°	~	~
	522-170-01	P50	16°~30°	~	~
C106	522-171-01	T60	0°~30°	ø3 - ø5	R9
C116	522-172-01	T60	0°~30°	ø3 - ø5	R9
C126	522-173-01	T60	0°~30°	ø3 - ø6	R11
C139	522-174-01	T60	0°~30°	ø3 - ø6	R11



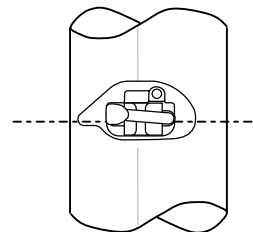
P35



P50



T60



Halyards run forward of spreader bracket on C106 ~ C139

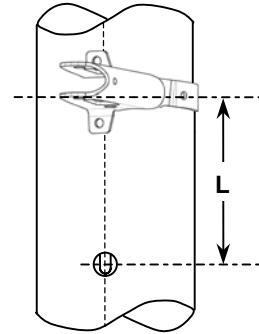
T-Terminal Plate, Runner (1150)

Wire	Plate	Min Section
ø3	507-553-02	-
ø4	507-551-02	-
ø5	507-552-02	-

Note: For carbon, assemblies are 507-***-11

T-Terminal Plate, Shrouds (1310)

Wire	Plate	Min Section	Dimn L
ø3	507-553-01	-	180
ø4	507-551-01	-	
ø5	507-552-01	C116	
ø6	507-554-01	C126	
ø7	507-558-01	C139	

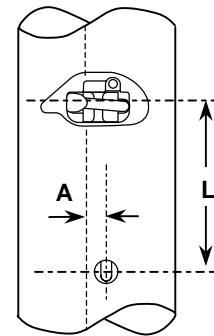


Stemball (integral with T-60 Spreader brkt)

Section	Spreader Bracket	Wire
C106	522-171-01	ø3 ~ ø5 Stemball R9
C116	522-172-01	
C126	522-173-01	ø3 ~ ø6 Stemball R11
C139	522-174-01	

T-Terminal Plate below Stemball (1310)

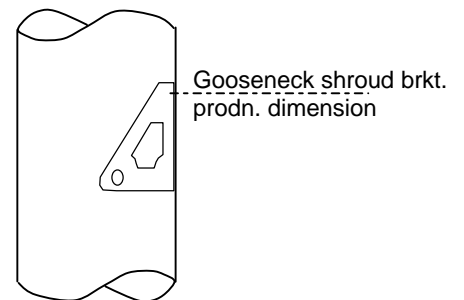
Wire	Plate	Dimn A	Dimn L
ø3	507-553-01	B+8	180
ø4	507-551-01	B+8	
ø5	507-552-01	B+8	
ø6	507-554-01	B+8	



If double lowers, the **forward** shrouds are attached via the backing plate. Location to be stated on line 1309. The **aft** shrouds use stemball attachments in the spreader bracket.

Gooseneck Shroud Bracket (1488)

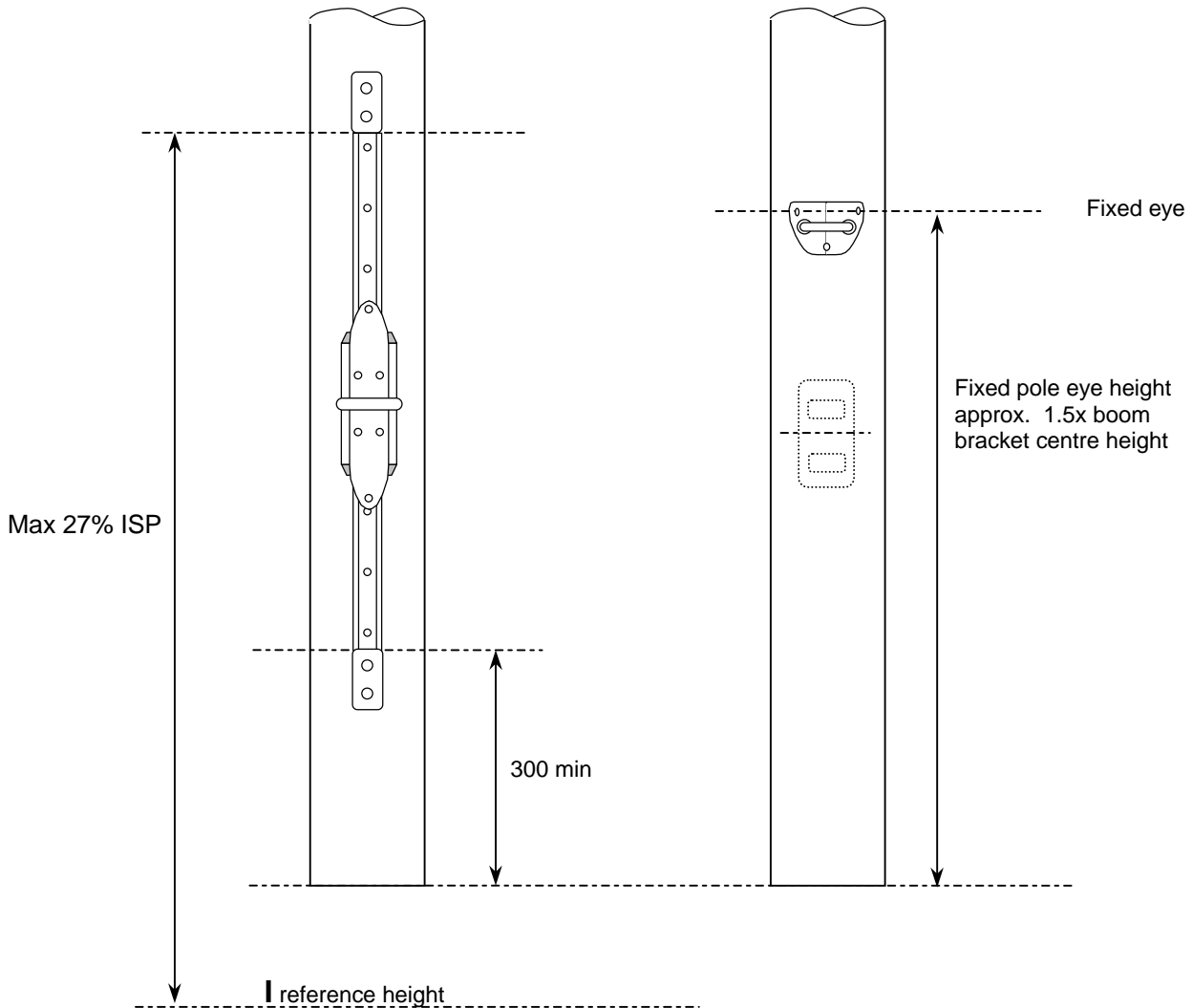
Section	Assy. Number	Max Wire	Fork Pin Hole ø
All	518-081-01	ø3	6.6
	518-078-01	ø4	8.2



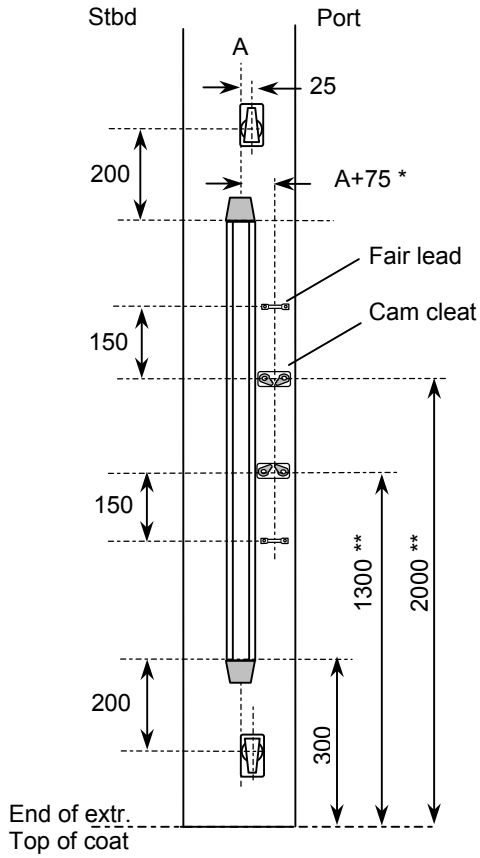
Line 1420

Mast Section	Front Radius	Fixed Eye	Pole Track			Pole Sliders
			Size	Length	Assy No.	
C080	30mm	534-523-01	-	-	-	-
C087 C096 C106 C116	32mm	534-530-01	-	-	-	-
C126 C139	34mm	534-501-01 (to be replaced by 534-531-01)	T - 25mm RBC22/H	850mm 1700mm 2400mm 2300mm	515-504-06 515-504-01 515-509-01 515-523-XX	All 25mm types 511-704-01

Track location:
 Track upper edge: Max height 27% ISP
 Track lower edge : Min 300 above section base.
 (May be reduced if necessary, but check interference with heel.)



Line 1440



EXTERNAL LIFT WITH CAM CLEATS

538-508-21 (Knot)

Heel lift rope $\varnothing 6$
611-001 (Not incl.)

Rope Length
With knots $L = 800 + (2 \times \text{Top block ht} - \text{Lower block ht})$

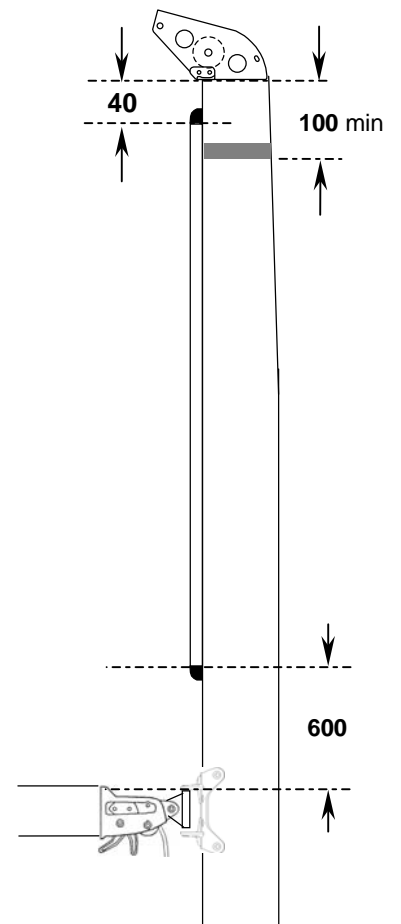
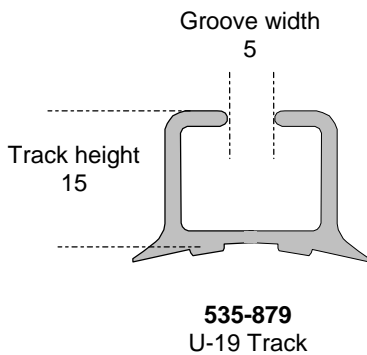
**) Final positions to be adjusted to suit slot layout etc.

520-526 = Harken H263 stop

Section	Track Parts		Maximum P
	Track Note 1	Extra Parts Note 2	
CC079 CC086 CC095	535-785 (L=6000)	0.5 x 312-404 Adhesive per length. 2 x 505-529-01/02 End stops	Single length: Max P = 6540 Two lengths: Max P = 12540
Section	Basic Track + Ends Note 3	Extra Track Note 3	
CC105 CC115 CC125 CC138 CC154	535-879-01 (L=6000) Includes: 0.5 x 312-404 Adhesive per length. 2 x 505-539-02 End stops	535-879-01 (L=6000)	

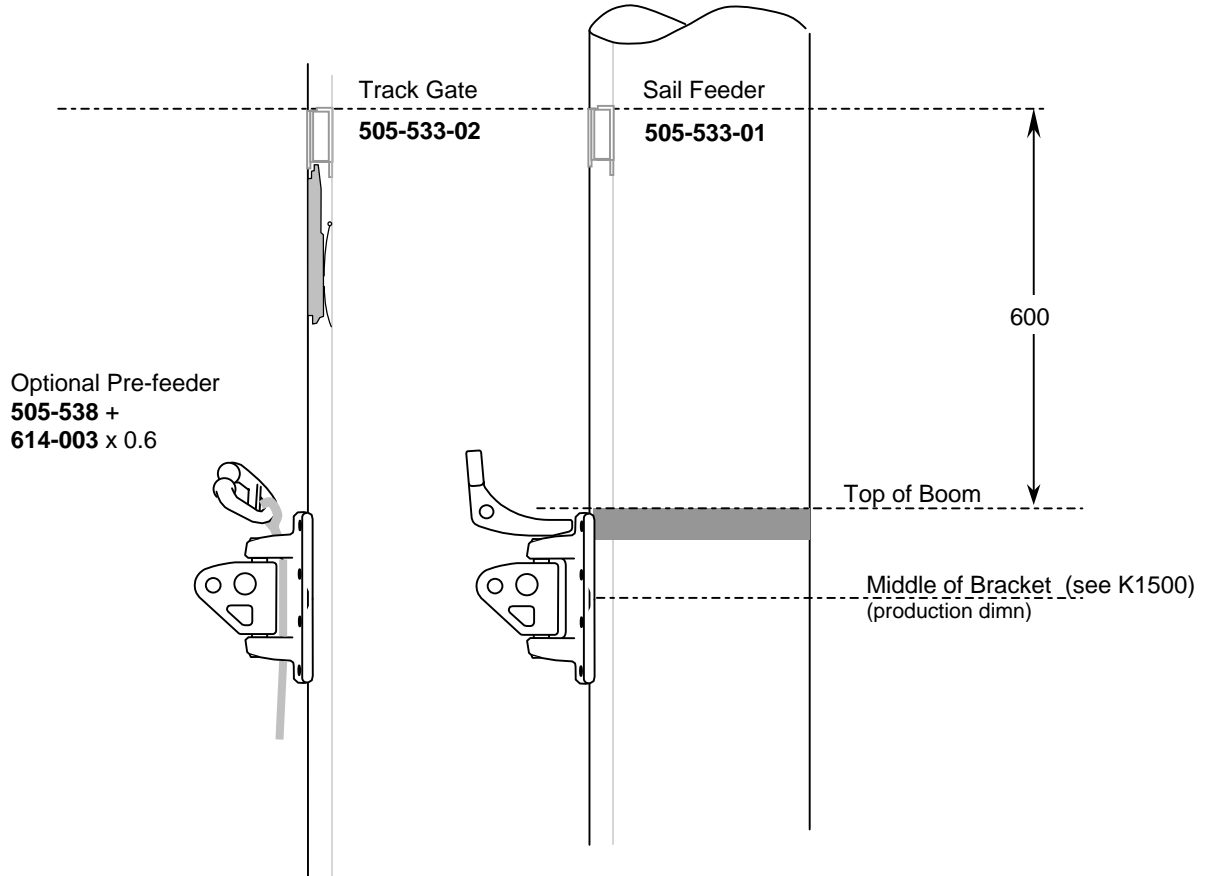
Notes

1. Track is included in basic mast section BOM.
2. Extra parts are included in top level mast BOM.
3. Track and extra parts are in top level mast BOM.
4. Production dimension is top of track. Top end stop positioned above this.



Line 1480, 1490

Mast Section	Black Band (1490)		Track Gate (1480)	Sail Feeder(1480)
	PN	Qty.	AN	AN
C080	591-123	0.23	505-533-02	505-533-01
C087		0.24		
C096		0.26		
C106		0.30		
C116		0.32		
C126		0.34		
C139		0.37		



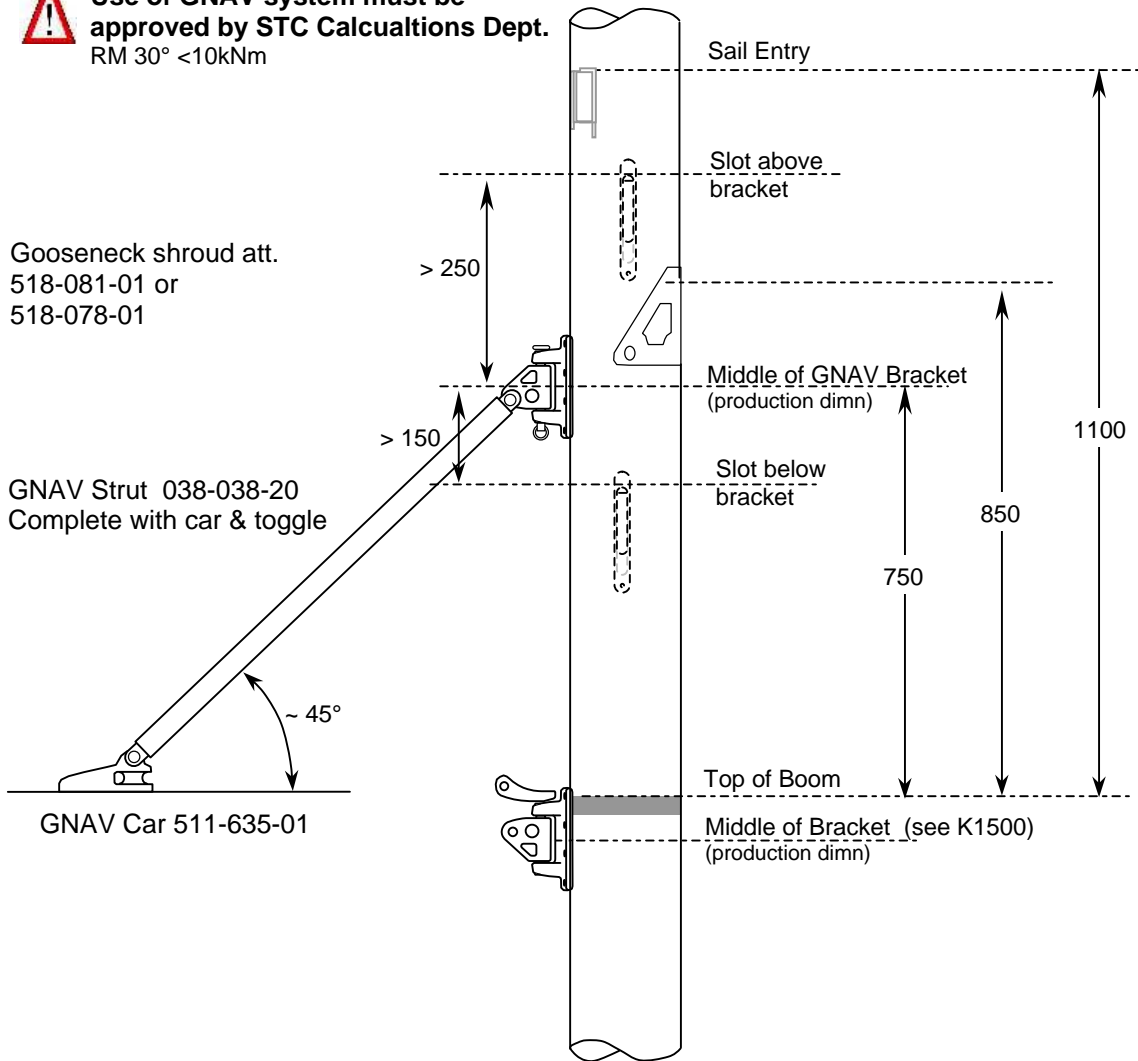
Line GNAV bracket :1485, Gooseneck shroud att.: 1488

Mast Section	GNAV Bracket (1485)
C080	508-732-10
C087	508-732-10
C096	508-732-10
C106	508-731-10
C116	508-731-10
C126	508-731-10
C139	508-731-10

Note: Max RM 30° is 10kNm



Use of GNAV system must be approved by STC Calculations Dept.
RM 30° <10kNm



Note:
The GNAV toggle is retained on the strut. The mast bracket has a vertical pin & split ring for ease of connection.

Line 1500

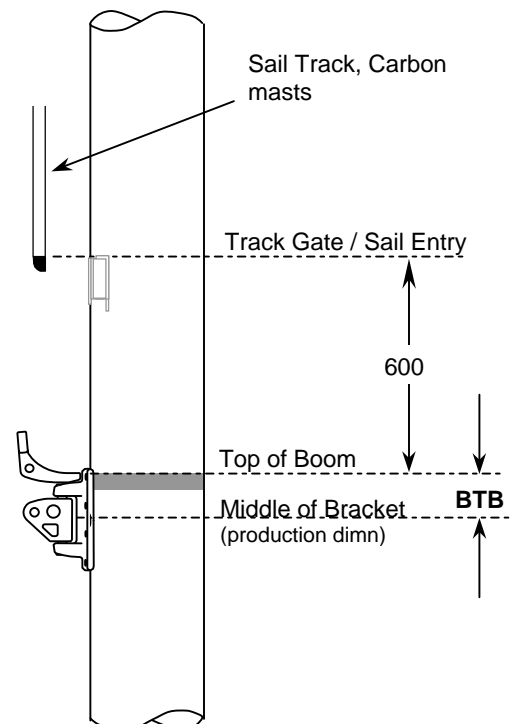
Boom Section	Mast Section		Boom Bracket			BTB Boom Top to Brkt Ctr.
	Alum.	Cbn.	Toggle only	Toggle & tack shackle	Toggle, tack shackle/ reef hooks	
B087 (toggle hole ø8)	C080 C087 C096	CC079 CC086 CC095	508-732-01	508-732-03	508-732-05	40
	C106 C116	CC105 CC115	508-731-01 1)	508-731-03 1)	508-731-05 1)	40
	C126 C139	CC125 CC138	508-788-01	508-788-03	508-788-05	
B104 (toggle hole ø8)	C080 C087 C096	CC079 CC086 CC095	508-732-01	508-732-03	508-732-05	40
	C106 C116	CC105 CC115	508-731-01 1)	508-731-03 1)	508-731-05 1)	40
	C126 C139	CC125 CC138	508-788-01	508-788-03	508-788-05	
B120 (toggle hole ø10)	C080 C087 C096	CC079 CC086 CC095	508-732-02	508-732-04	508-732-06	40
	C106 C116	CC105 CC115	508-731-02 1)	508-731-04 1)	508-731-06 1)	40
	C126 C139	CC125 CC138	508-788-02	508-788-04	508-788-06	40 (Note 2)
B135 (toggle hole ø12)	C126 C139	tba	~	508-788-07	508-788-08	50

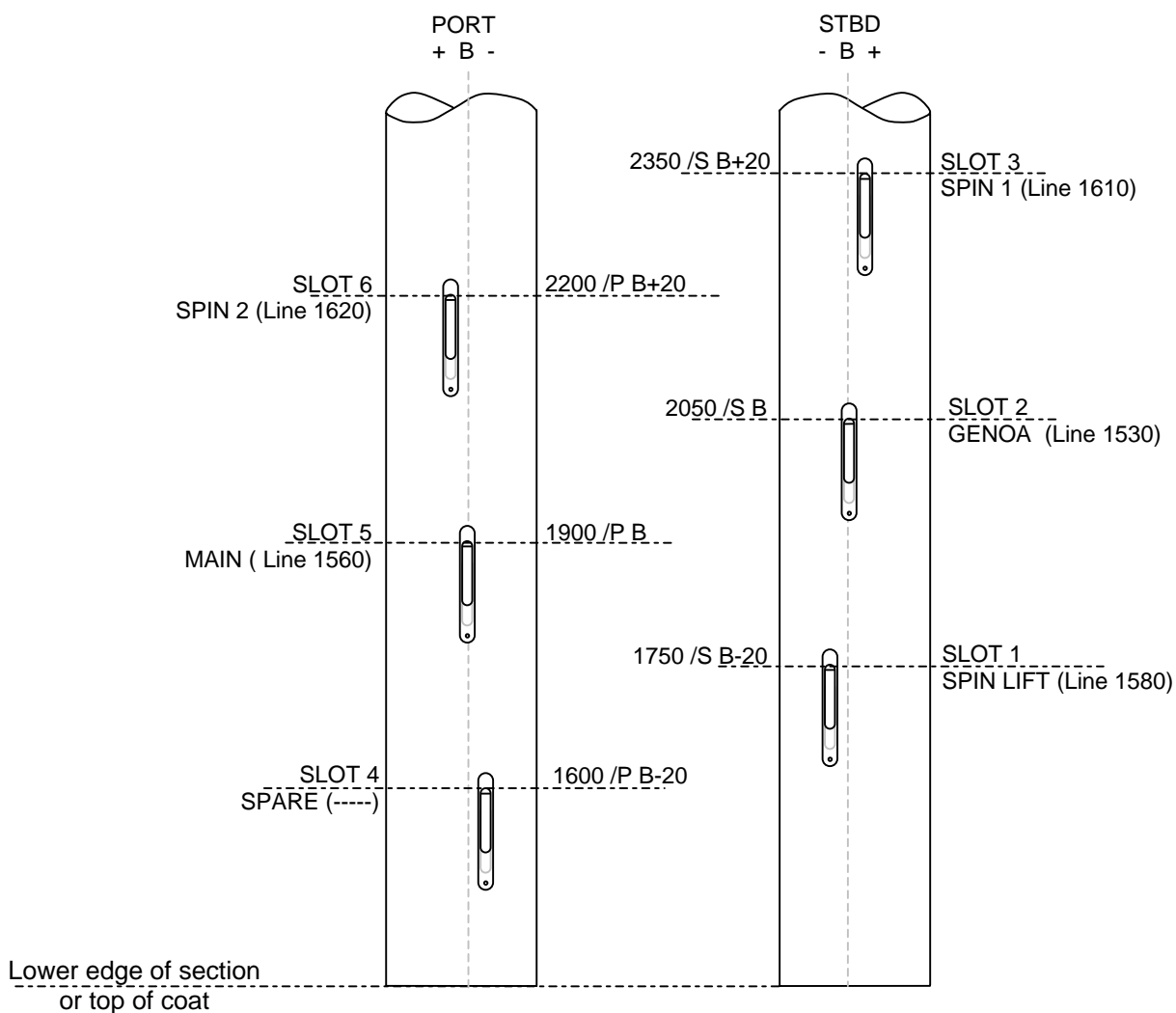
Notes:

1. If RM 30° >10kNm, use 508-788-xx.
2. Correct for Mk2 i/b end 509-044. If Mk1 i/b end 509-025 is required (for jammers), inverting the 510-108 toggle will achieve almost the same BH.
3. Optional bracket **508-731-07** with 528-101 toggle available for older style Proctor booms.
4. Sliding boom brackets for **B087 & B104**

Mast Sections	Tack shackle	Tack shackle + hooks
C080 ~ C139	511-518-01	511-518-02

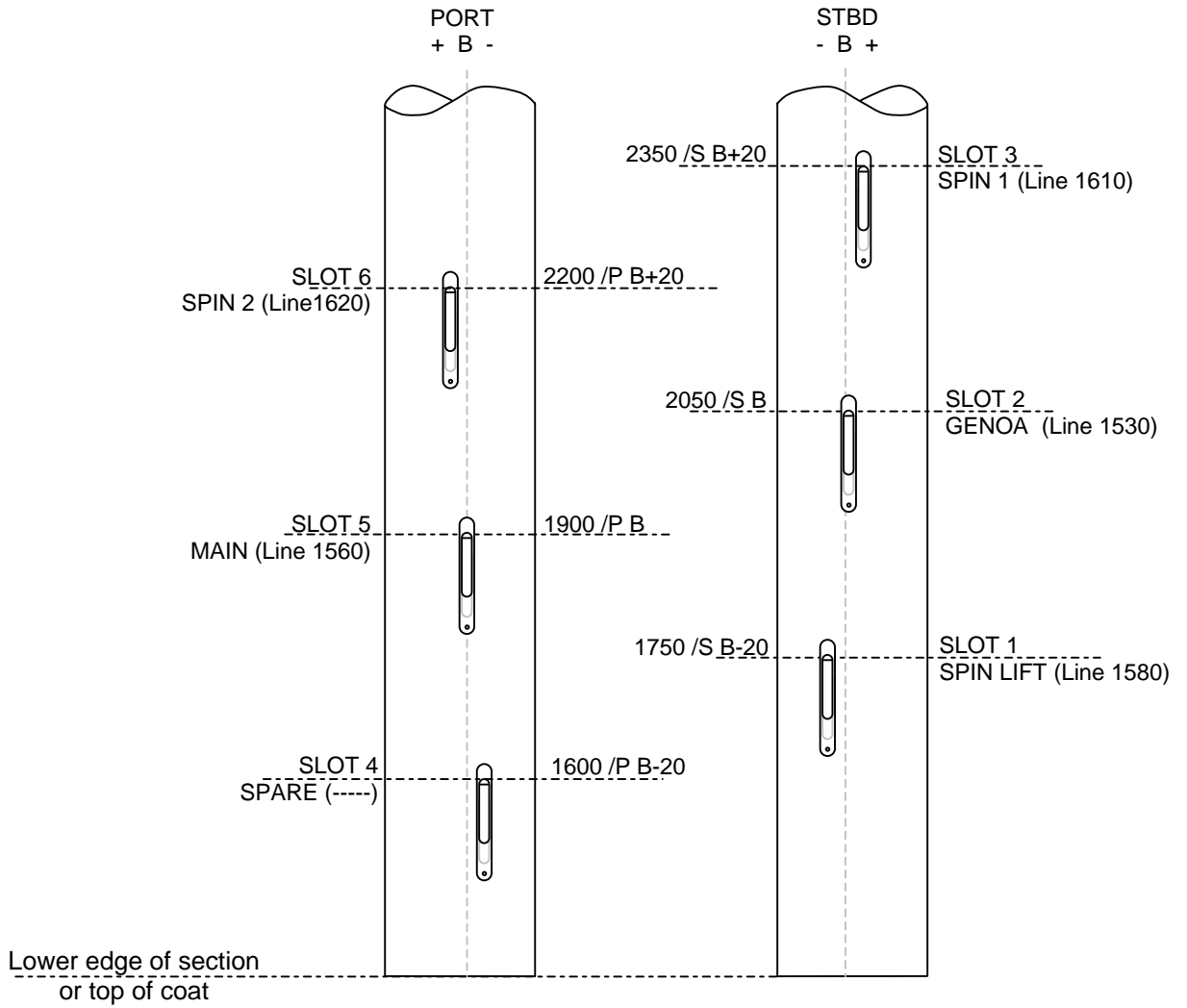
Stop rivet at BH-140





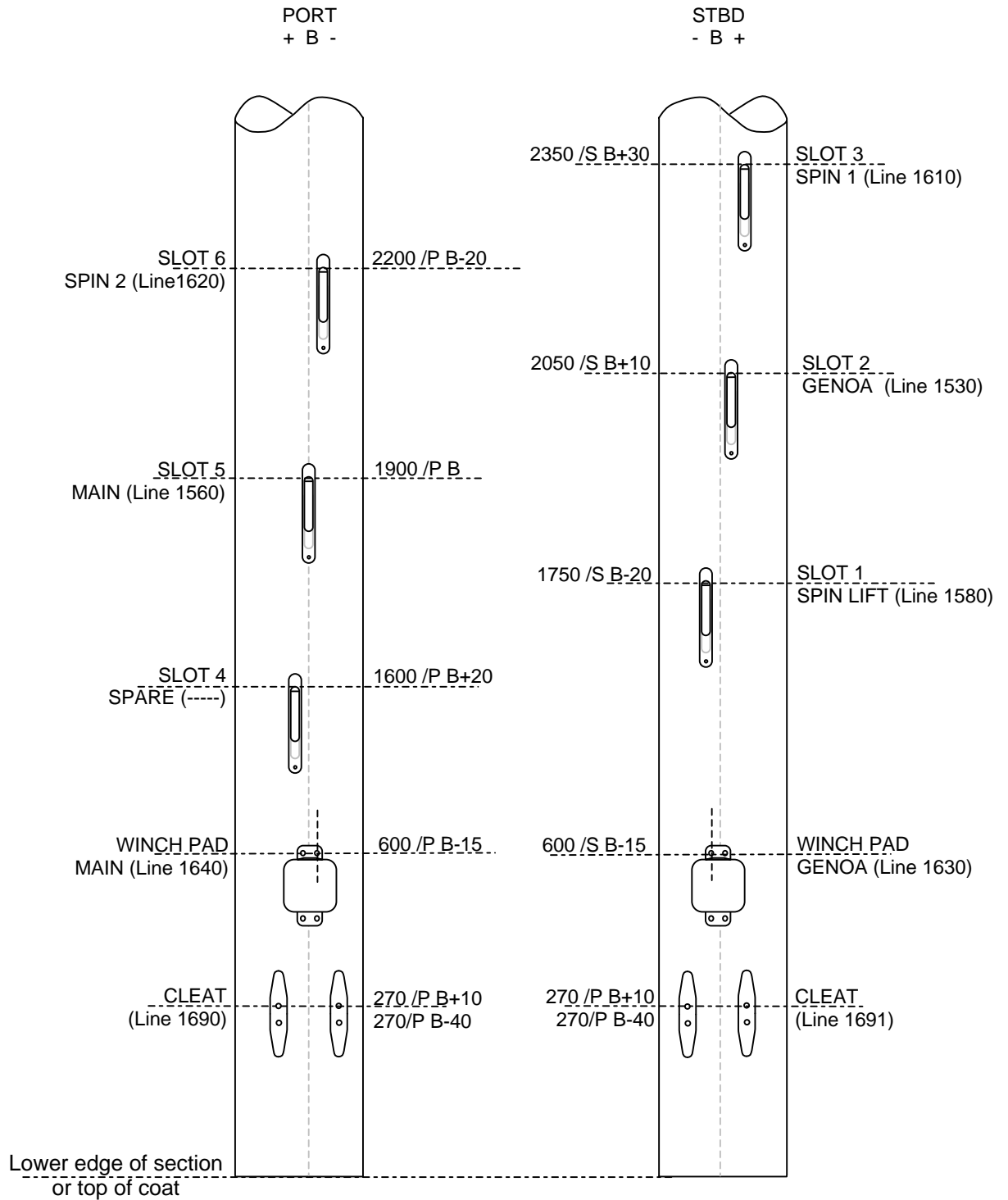
Notes:

1. All slots are **505-017-01**.
2. Starboard layout assumes mastman operates spin haly., genoa haly. & spin lift.
3. If a Gnav is fitted, the slot layout must be modified. Dimn. line of slot below Gnav must be minimum 150 below bracket ctr., dimn. line of slot above Gnav must be minimum 250 above bracket ctr. See K1485



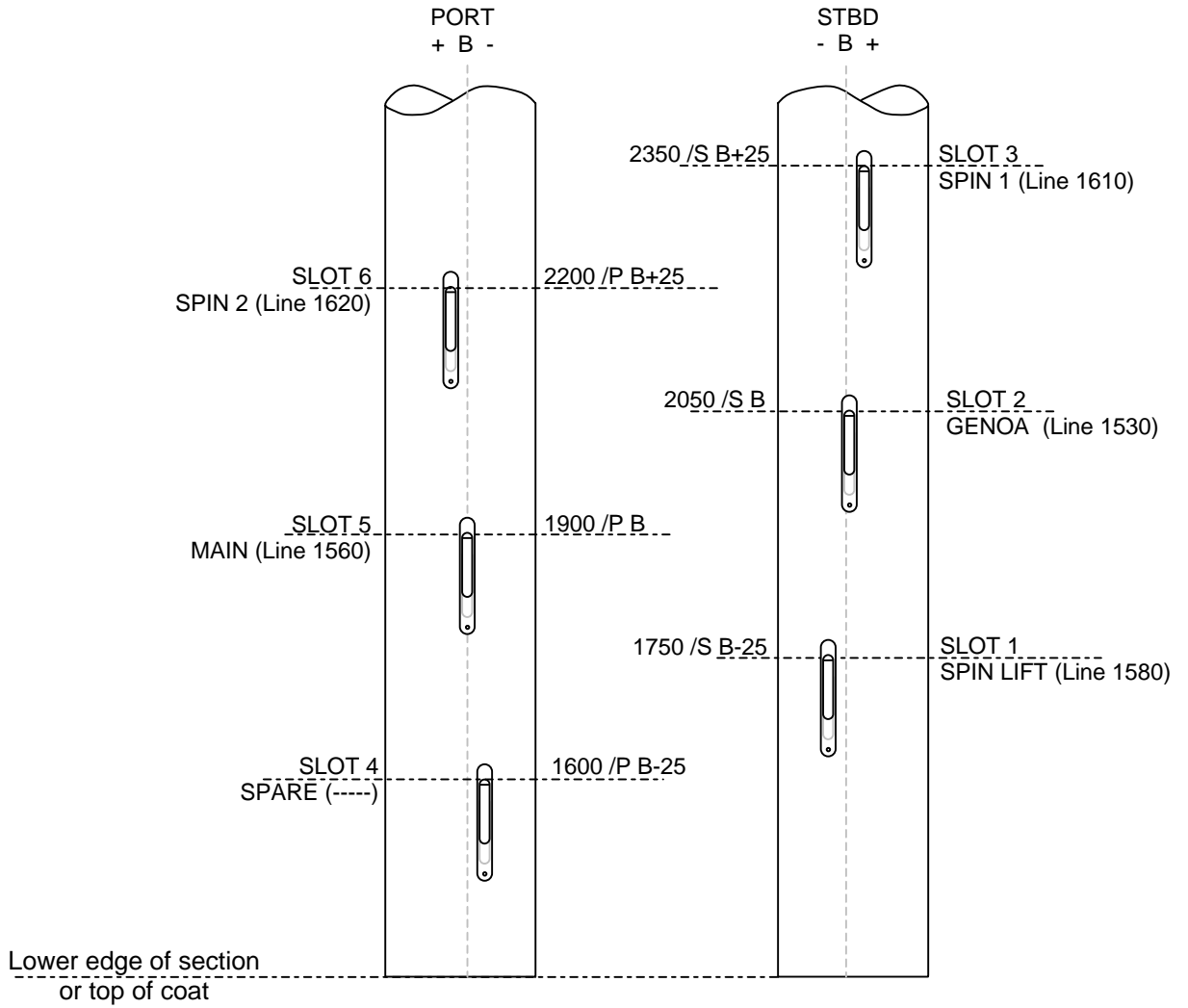
Notes:

1. All slots are **505-017-01**.
2. Starboard layout assumes mastman operates spin haly., genoa haly. & spin lift.
3. If a Gnav is fitted, the slot layout must be modified. Dimn. line of slot below Gnav must be minimum 150 below bracket ctr., dimn. line of slot above Gnav must be minimum 250 above bracket ctr. See K1485



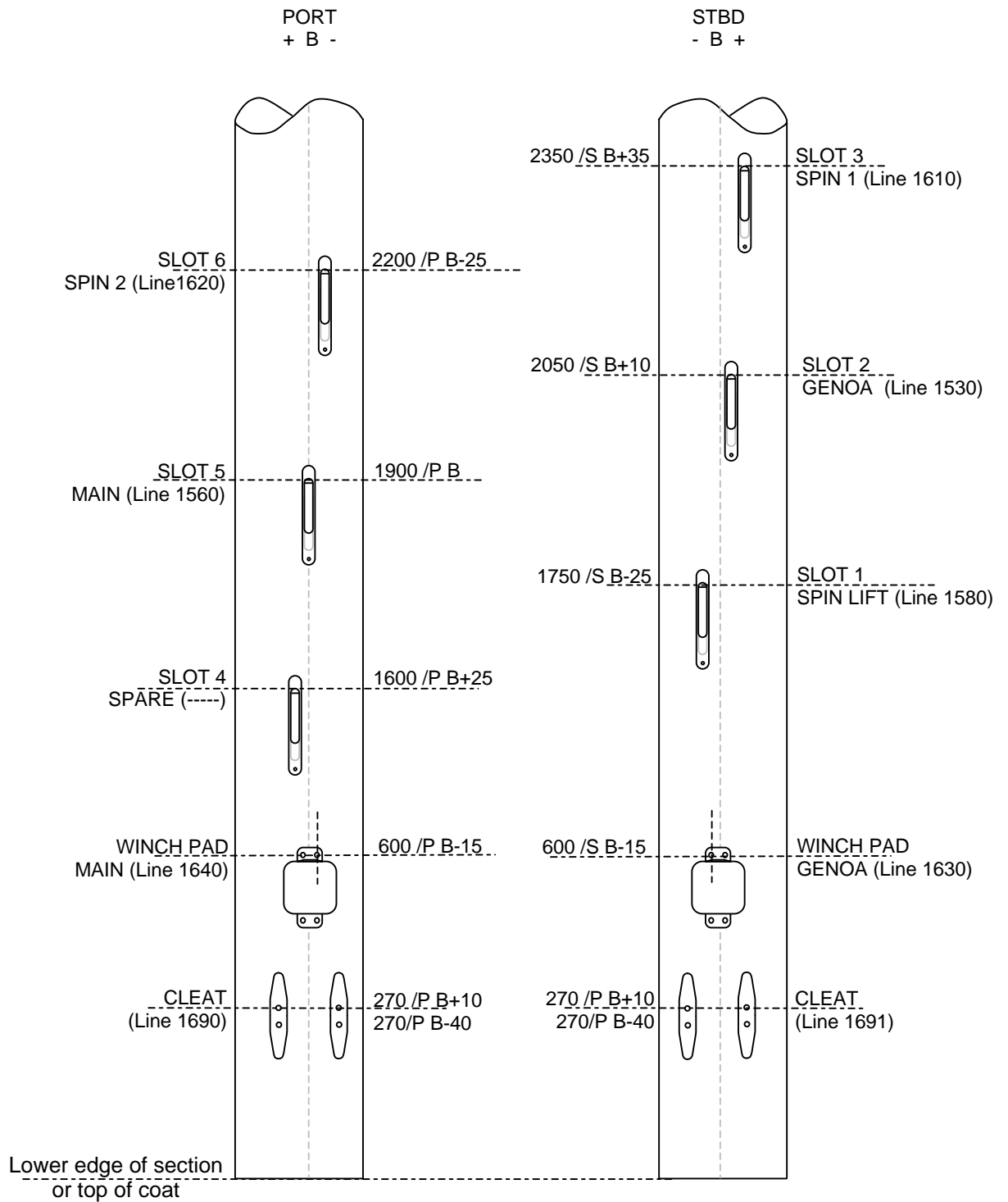
Notes:

1. All slots are **505-017-01**, cleats are **511-016-01**, winch pads are **523-043-01**
2. Starboard layout assumes mastman operates spin haly., genoa haly. & spin lift.
3. If a Gnav is fitted, the slot layout must be modified. Dimn. line of slot below Gnav must be minimum 150 below bracket ctr., dimn. line of slot above Gnav must be minimum 250 above bracket ctr. See K1485



Notes:

1. All slots are **505-017-01**.
2. Starboard layout assumes mastman operates spin haly., genoa haly. & spin lift.
3. If a Gnav is fitted, the slot layout must be modified. Dimn. line of slot below Gnav must be 150 below bracket ctr., dimn. line of slot above Gnav must be minimum 250 above bracket ctr. See K1485



Notes:

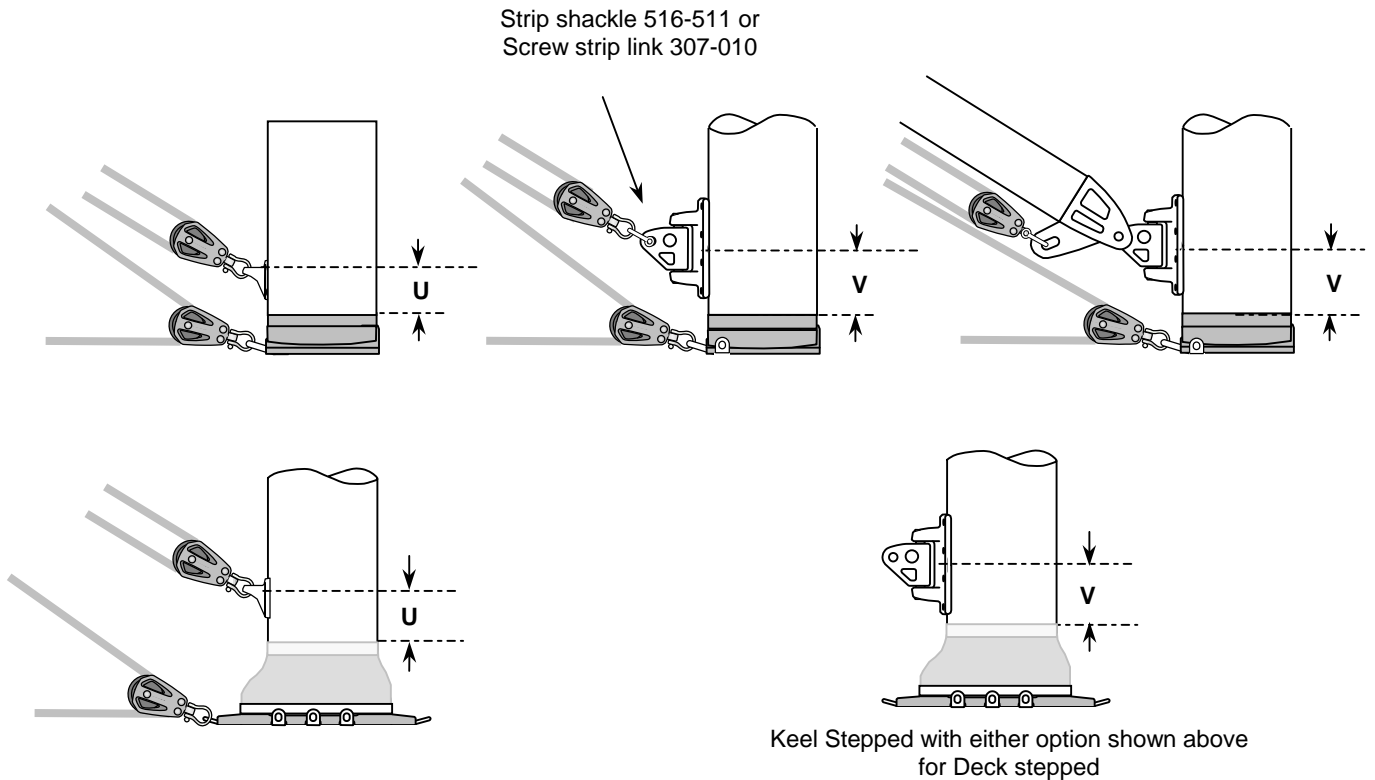
1. All slots are **505-017-01**, cleats are **511-016-01**, winch pads are **523-043-01**
2. Starboard layout assumes mastman operates spin haly., genoa haly. & spin lift.
3. If a Gnav is fitted, the slot layout must be modified. Dimn. line of slot below Gnav must be minimum 150 below bracket ctr., dimn. line of slot above Gnav must be minimum 250 above bracket ctr. See K1485

Line 1730

Mast Section		Kicker Bracket (1730)						
Alum.	Carbon	Plain Loop RM30<10kNm	Minimum "U"		With Toggle for Tackle	With toggle for Rod Kicker	Minimum "V"	
			Deck Step	Keel Step			Deck Step	Keel Step
C080	CC079	508-508-01	35	~	508-732-01	508-732-02	45	~
C087	CC086	508-508-01			508-732-01	508-732-02		
C096	CC095	508-508-01			508-732-01	508-732-02		
C106	CC105	508-509-01	50	~	508-731-01 1)	508-731-02 1)	60	~
C116	CC115	508-509-01			508-731-01 1)	508-731-02 1)		
C126	CC125	508-509-01		40 (above coat)	508-788-11	508-788-12	80	75 (above coat)
C139	CC138	508-509-01			508-788-11	508-788-12		

Note:

1) If RM 30° > 10kNm, used 508-788-xx



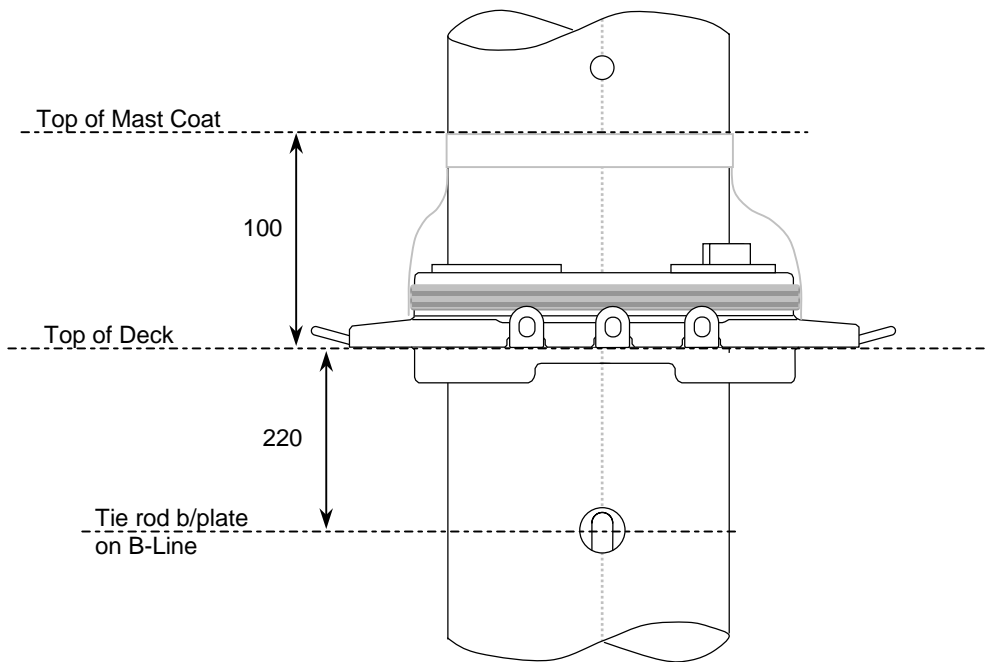
WARNING
Aft eye **508-459** on mast base is for lead block only.
Must not be used as the whole kicker attachment

Line 1810, 1861

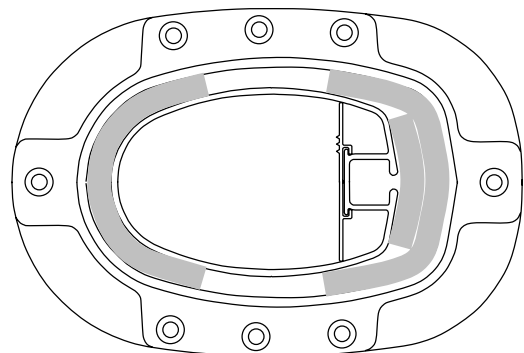
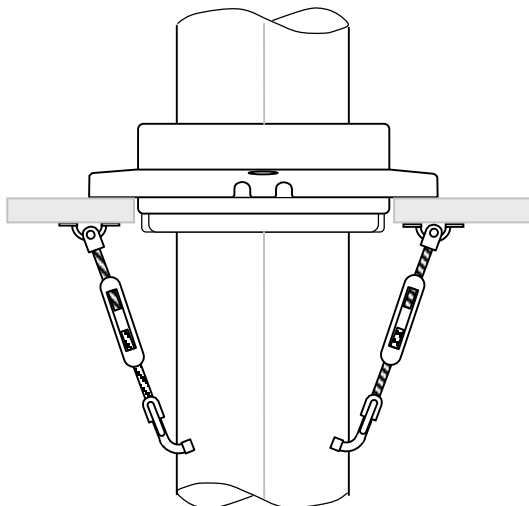
Mast Section	Deck Ring (Line 1810)	Mast Coat & Seal	Items included in Deck Ring assys		
			Halyard Block Attach (1861)	Tie Rod B/Plate (Line 1810)	Deckring Pads
C116	533-034-01	See K1780	Individual Eyes (3 per side) 508-497 Fore & aft loops 508-459	507-553-01 x2 Vertical Lochn: 220 below top of coachroof Horizontal Lochn: on B-Line	2 x 530-239 2 x 530-240
C126					2 x 530-239 1 x 530-240
C139					2 x 530-239

Notes:

Max $\varnothing 6$ shackle for side eyes & central loops.



Tie Rod Arrangement (viewed from ahead)



Deckring with wedges arrangement (C126 shown)

Line 1841, 1861

Deck Stepped

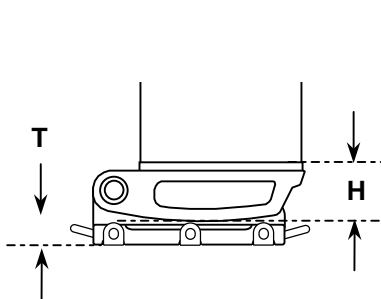
Mast Section		Mast Heel (1841)					Halyard Exit Height R	Halyard Blocks Attach. (1861)
Al.Al	Cbn	Plain Heel	H + T	4 Sheave Heel	H + T	Cbn Insulator		
C080	CC078	502-560-01	53	502-560-02	87		-	-
C087	CC086	502-561-01	50	502-561-02	100	530-750	50	See page 1860
C096	CC095	502-562-01	50	502-562-02	100	530-751		
C106	CC105	502-563-01	50	502-563-02	115	530-752		
C116	CC115	502-564-01	50	502-564-02	115	530-753		
C126	CC125	502-565-01	50	502-565-02	115	530-754		
C139	CC138	502-566-01	50	502-566-02	115	530-755		

Keel Stepped

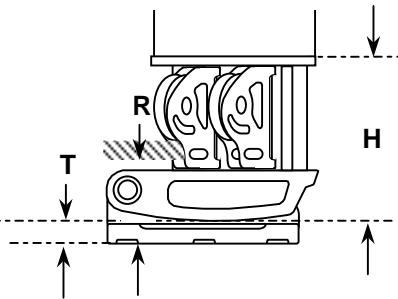
Mast Section		Mast Heel (1841)					Horiz. Adjustment
Al.Al	Cbn	Plain Heel	H + T	-	-	Cbn Insulator	
C126	CC125	502-565-0x	50	-	115	530-754	± 25
C139	CC138	502-566-0x	50	-	115	530-755	

Notes:

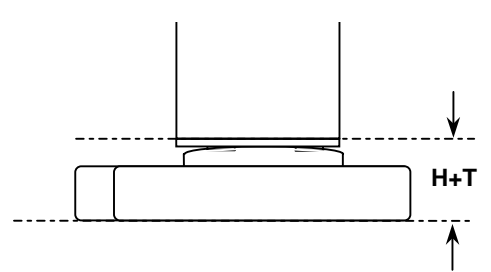
Plain Heel



Sheave Heel

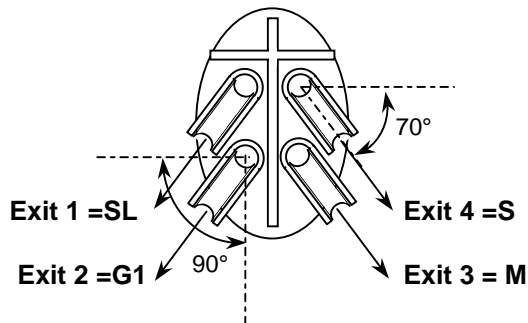


Keel Stepped



Mast T-Base shown with standard aft loop, and optional turning block eyes & forward loop

Halyard Exits



Line 1860, 1861

Deck Stepped

Mast Section	Heel Type	T-Base (1860)	Halyard Block Attach (1861)	Base Dimensions		Fitting Notes
				L, W	A, B	
C080	502-560	510-158	-	L = 100 W = 35	A = 10 B = 40	1. All bases must be fitted on a horizontal surface. 2. Max Rake 1° Fwd, 3.5° aft 3. Holes for fixings ø6.3mm 4. Max ø6 shackle for rail, eyes & loops.
C087	502-561	510-161-01 With 6 eyes + fwd & aft loops	Optional Individual Eyes 508-497	L = 120 W = 70	A = 50 B = 90	
C096	502-562					
C106	502-563	510-171-01 With 6 eyes + fwd & aft loops	Optional Individual Eyes 508-497	L = 150 W = 70	A = 50 B = 120	
C116	502-564					
C126	502-565	510-171-02 With fwd & aft loops	Optional Individual Eyes 508-497	L = 150 W = 70	A = 50 B = 120	
C139	502-566					

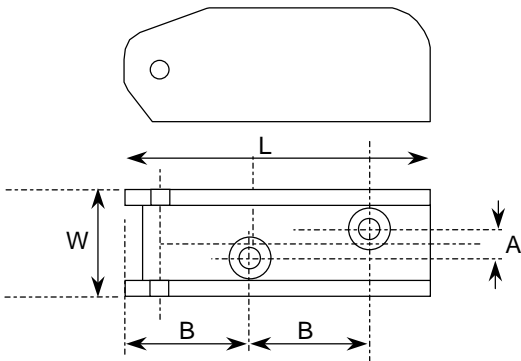
Keel Stepped

Mast Section	T-Base (1860)	Adjustment	Base Dimensions		Fitting Notes
			L, W	A, B	
C126	510-178-01	± 25	L=180	A = 50	1. Holes for fixings ø6.3mm
C139			W=85	B = 120	

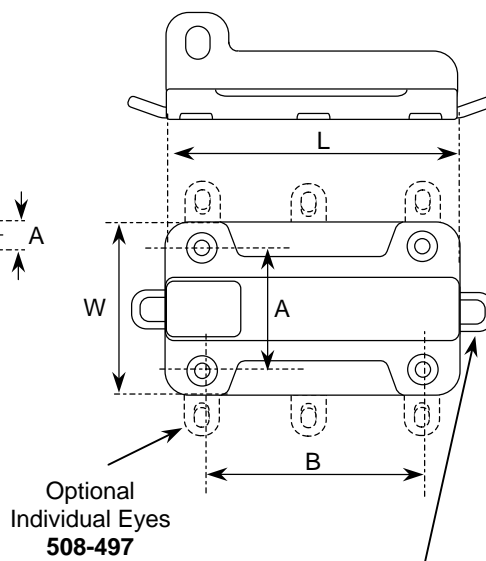
Notes:

Tabernacle 510-106-01 for C096 ~ C116.
 (Not standard. Will only be produced if demand exists.
 Would use turning blocks rail 508-496 underneath.)

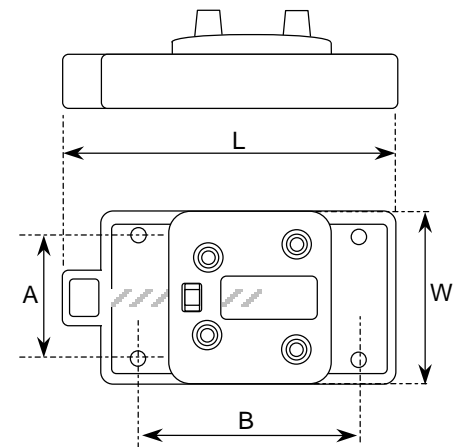
Base 510-158



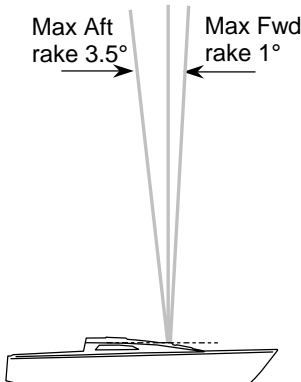
Base 510-161 & 510-171



Base 510-178



Deck step rake limits



Forward and aft loops (standard) 508-459