



Seldén offer a full range of spinnaker equipment for keelboats. It consists of five aluminium pole sections, three carbon fibre sections, low weight composite end fittings, telescopic whisker poles, jockey poles and mast fittings. Dimensioning correct size of pole is easy and they are available as build-it-yourself kits or custom made by Seldén.

Aluminium spinnaker poles



Photo: Fiona Brown.



Art. no. 534-900. Used for section S038, S050 and S063.



Art. no. 534-865. Used for section S048 and S060. A bridle is used to attach the downhaul.

Section data, parallel aluminium tubes

These tubes are fitted with pole savers to shield the pole against damage from forestay and shrouds.

Section	Diameter, mm	I_y cm ⁴	I_x cm ⁴	Wall thickness, mm	Weight kg/m
S038	38	3.1	3.1	1.6	0.5
S048	48	7.65	7.65	2.0	0.75
S060	60	15.4	15.4	2.0	1.00

Section data, tapered aluminium tubes

Section	Diameter, mm	I_y cm ⁴	I_x cm ⁴	Wall thickness, mm	Weight kg/m
S050	50	9.26	9.26	2.0	0.84
S063	63	18.5	18.5	2.0	1.06

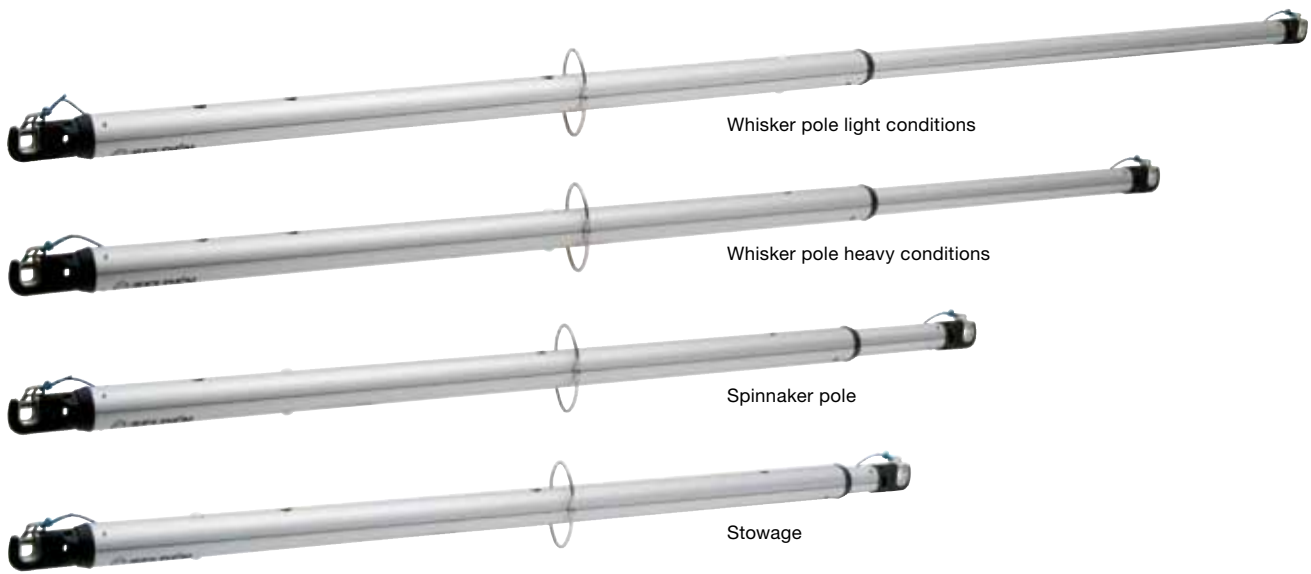
Composite spinnaker pole fittings

The end fittings are made of glass fibre reinforced polyamide composite. This material makes for a combination of low weight and strength and it also prevents damage to boat or mast when the pole is on the fore deck. The claw has a well rounded stainless chafe guard, preventing damage to sheet and guy. The stainless, spring loaded plunger is operated at the end fitting or with the release line. Spinnaker pole lift and downhaul are attached to lift eyes in the middle of the pole or to a bridle.

Telescopic poles

A telescopic pole can be extended to 150% of normal spinnaker pole length, a must when poling out a large genoa or a gennaker. It can be telescoped down for easier stowage.

Art. no.	RM 30° kNm	Displ. tonnes	Section dia., mm		Min. length for stowage mm	Spinnaker pole position, mm	Whisker pole heavy conditions, mm	Whisker pole light conditions, mm
			Inner	Outer				
060-060-58	18	3.6	48	60	2530	3000	3600	4500



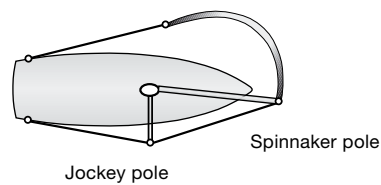
Telescopic pole. Maximises your downwind performance. Minimises your stowage problem.

Jockey poles

The jockey pole reduces the loads and minimises the wear on guys and life lines.



Art. no.	RM 30° kNm	Section	Total length mm
048-048-56	16	S048	1570
060-060-55	26	S060	1810



Carbon spinnaker poles



Seldén spinnaker poles are designed to make light work of spinnaker handling. The big advantage of carbon fibre is its low weight. The weight savings enable the crew to handle the spinnaker faster, with less effort.

Photo: Fiona Brown. Quarter tonner.

Seldén quality

We have developed our own CNC-controlled manufacturing method in which pre-impregnated carbon fibre tows are wound onto a mandrel prior to oven curing. The cured tube is then separated from the mandrel. This method enables us to exercise full control over every stage of the manufacturing process and guarantees products of consistently high quality.



Carbon spinnaker poles with small composite end fittings and HMPE bridle.

Seldén carbon spinnaker poles

Section	Diameter, mm	Weight kg/m	Inertia, Al-equivalent cm ⁴
SC047	47	0.33	5.4
SC059	59	0.42	10.8
SC061	61	0.59	18.5



Twaron protection can be supplied as an option for 59 mm and 61 mm poles. It protects the pole from damage caused by the forestay and shrouds.

Selecting the right pole

Just look in the appropriate table for your yacht's displacement or righting moment (RM) at 30° heel, then look right for the value exceeding your SPL value.

Example: For an aluminium spinnaker pole.
Yacht displacement 2.8 tonnes, SPL is 3000 mm.
The correct section is S060.



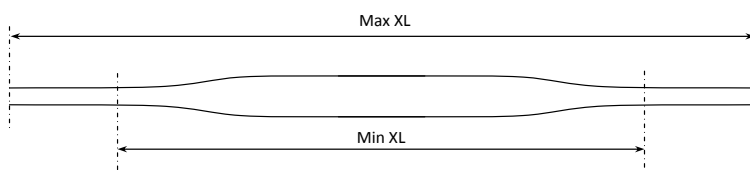
Aluminium spinnaker pole selection

max. SPL (mm)

RM30° (kNm)	Displ. (tonnes)	S038	S048	S050	S060	S063
2	0.5	3120				
3	0.7	2900				
4	0.9	2650				
5	1.0	2450				
6	1.2	2250				
7	1.4	2050				
8	1.6	1910	3000			
9	1.8	1820	2850			
10	2.0	1720	2700			
12	2.4	1600	2500	2470	3600	3120
14	2.8		2400	2470	3500	3120
16	3.2		2350	2470	3400	3120
18	3.6		2300	2470	3300	3120
20	4.0			2470	3200	3120
25	5.0			2320	3000	3120
30	5.7			2200	2850	3080
35	6.3				2730	2900
40	7.0				2600	2750

1. Selections shown above assume the downhaul is attached via a bridle or at outboard end. If a central downhaul attachment is used, the pole diameter must be increased to the next size up.
2. S038, S048 and S060 poles are parallel
3. S050 and S063 pole are tapered.

Tapered pole section, S050 and S063



There is a limited opportunity to cut from the parallel tube end.
S050: Min SPL length= 2180 mm, Max SPL length =2470 mm
S063: Min SPL length= 2520 mm, Max SPL length =3120 mm

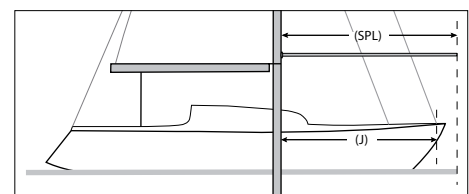
Aluminium whisker pole selection

max pole length (mm)

RM 30° kNm	Displ. tonnes	S048	S060
12	2.4	3200	
14	2.8	3200	
16	3.2	3200	
18	3.6	3200	
20	4.0	3150	4700
25	5.0	2800	4700
30	5.7	2550	4700
35	6.3		4400
40	7.0		4100
45	7.7		3800
50	8.2		3650

Table terminology

RM: Righting moment at 30° of heel.



SPL: Maximum spinnaker pole length. Often, but not always, equal to J.

A whisker pole should be approximately as long as the foot of the sail you intend to pole out.



For optional bridle see page 63

Carbon spinnaker pole selection

max. SPL (mm)

RM 30° kNm	Displ. tonnes	SC047	SC059	SC061
8	1.6	2580		
10	2.0	2610	3710	
12	2.4	2430	3450	4490
14	2.8	2280	3420	4220
16	3.2	2160	3070	4000
18	3.6	2070	2930	3820
20	4.0		2810	3660
25	5.0		2750	3350
30	5.7		2390	3110
35	6.3			2930

Carbon whisker pole selection

max. pole length (mm)

RM 30° kNm	Displ. tonnes	SC047	SC059	SC061
8	1.6	3700		
10	2.0	3700	5230	5230
12	2.4	3580	5100	5230
14	2.8	3380	4800	5230
16	3.2	3200	4550	5230
18	3.6	3060	4340	5230
20	4.0	2930	4160	5230
25	5.0	2680	3810	4950
30	5.7	2480	3540	4600
35	6.3	2340	3330	4330
40	7.0	2210	3150	4100
45	7.7		3000	3920
50	8.2		2880	3750
55	9.0			3610



"Flush Poker, Latitude-Voile". Winner of 2009 HN Brittany Race. Seldén rig and deck hardware.

Spinnaker pole kits

There is no need to wait for Seldén to build your customized spinnaker pole. You can easily build it yourself from one of our kits. Your local Seldén dealer will, of course, be happy to do the job for you.



Aluminium spinnaker pole kits

Art. no.	Section	Type of section	Min. SPL, mm	Max. SPL, mm	End fittings Art. no.	Adaptors Art. no.	Fasteners Art. no.
038-038-54	S038	Parallel	-	3120	2 x 534-900-02	-	3 x 167-006 pop rivets Ø 4,8 x 16,5 mm
048-048-54	S048	Parallel	-	3220	2 x 534-865-02	-	10 x 171-023 self tapping screws, Ø 4,6 x 12 mm
050-050-54	S050	Tapered	2180	2470	2 x 534-900-02	-	3 x 167-006 pop rivets Ø 4,8 x 16,5 mm
060-060-54	S060	Parallel	-	3760	2 x 534-865-02	2 x 534-779	6 x 171-024 self tapping screws, Ø 4,6 x 16 mm
060-060-68			-	5260			
063-063-54	S063	Tapered	2520	3120	2 x 534-900-02	-	3 x 167-006 pop rivets Ø 4,8 x 16,5 mm

Carbon spinnaker pole kits

Art. no.	Section	Max. spinnaker pole length, mm	End fittings	Adaptors Art. no.	Fasteners Art. no.
047-047-01	SC047	2680	2 x 534-865-02	8 x 534-802 spacer shims	8 x 167-007 pop rivets Ø 4,8 x 9,9 mm
047-047-02		3180			
047-047-03		3680			
059-059-01	SC059	3220	2 x 534-779 adaptors 8 x 534-802 spacer shims	8 x 167-006 pop rivets Ø 4,8 x 16,5 mm	
059-059-02		3720			
059-059-03		4220			
061-061-01	SC061	3220	2 x 534-779 adaptors 8 x 534-802 spacer shims		
061-061-02		3720			
061-061-03		4220			
061-061-04		5220			

Bridle kit

Includes Ø 4 mm HMPE rope and stainless steel ring.

Art. no.	For max spinnaker pole length, mm
613-051-04	3250
613-051-05	4500

Tools for working with carbon fibre

Warning: Always use breathing protection and eye protection when drilling or cutting carbon products.

Art. no.	Description	Used for section, mm
592-080	Drill ø 4.8 mm	SC047, SC059, SC061
592-102	Hacksaw blade	All

Twaron protection

Protects the pole from damage from the forestay, rail impact, etc.

For section, mm	Two protectors, for end-for-end gybing Art. no.
SC059	535-586-02
SC061	535-593-02



Photo: Fiona Brown. Quarter tonners.

Spinnaker pole attachment

Fixed U-shaped loop, Ø 30 mm

To prevent catching the jib sheet when tacking, this stainless spinnaker pole attachment fitting has parallel sides. The risk of losing expensive seconds when rounding a mark is eliminated, very important for the racing sailor. From a safety point of view, sudden dangerous trips to the foredeck are avoided. Important for all sailors.

Mast section	Art. no.
C080 - C116	534-530-01
C126 - C139	534-531-01



An insulating nylon washer is included to prevent galvanic corrosion.



Parallel sides. The jib sheet will not get caught when tacking.

Spinnaker pole stowage

An ideal way to stow the spinnaker pole is alongside the boom. The pole lift and downhaul can remain connected, so the spinnaker pole is always ready for action. The forward and aft fittings are easily attached to the boom grooves.

	Art. no.	Description	Boom section
Forward fitting	508-724-01	Stainless steel double bracket with Ø 30 mm rings each side. Two M5 bolts and internal nut plates included.	B087 – B120
Aft fitting	508-725-01	Stainless steel double stowage bail, 200 x 270 mm. Two M5 bolts and internal nut plates included. A loose footed mainsail is required.	



Forward fitting. Can be fitted in the lower end track...



...or in the sail groove.



Aft fitting