



English



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Roland Jourdain - We Explore - 2022 Route du Rhum

# FURLING SYSTEMS





# SPINEX

TOP DOWN  
SPINNAKER FURLER  
WITH RATCHET

# Top down spinnaker furler

## SPINEX

First launched a decade ago, the next generation of SPINEX includes new innovations to provide even greater user comfort and enhanced furling performance.

SPINEX in short:

- > 6 models available: SPINEX 0.9, SPINEX 1.5, SPINEX 2.5, SPINEX 4.0, SPINEX 6.5 and SPINEX 8.0
- > For boats from 5 to 18m long, and asymmetrical spinnakers up to 400 m<sup>2</sup>
- > All-in-one system: mechanisms, anti-torque cable, fittings, flexible PVC sleeves, 2-in-1 thimbles, and a swivel tack point
- > The SPIN KIT is available separately for use on NEX reefing systems and other brands on the market (Facnor, etc.)
- > Integrated Profurl technology
- > International 3-year guarantee

## Why choose Spinex

### Easy to use, safe, efficient, adaptable

Using asymmetric spinnakers in some conditions can be dangerous. With the Spinex, you're going to rediscover the joys of this type of sailing because it allows you to:

- > Easily handle this type of sail (even short-handed)
- > Remain in the safety of the cockpit
- > Improve the performance of your sailing-boat by using downwind sails

### Adaptable: One system for many uses

The Spinex can easily be converted into a NEX by removing the swivel tack from the drum and the end fittings, and then it can be used for sails like a gennaker or a code zero.



## Innovations in the next generation of SPINEX solutions

### Greater furling comfort and performance

#### Easy to use, offering improved performance for your sailing boat:

- Replacement of the traditional balls with a flexible PVC sheath, offering full UV and twist resistance
- Up to 50% reduced weight
- Easy to store once the sail is furled

#### Improved furling performance:

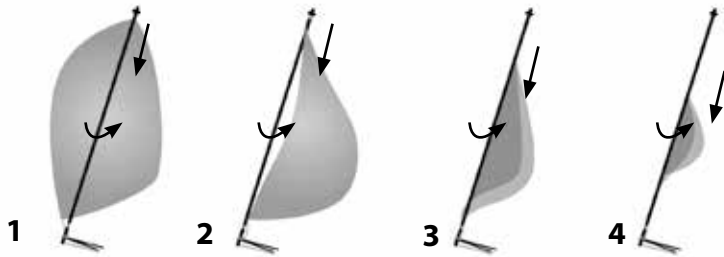
- One specific anti-torque cable diameter per model
- Improved furling, adapted to the size of the sails

#### Easy to install

- A new, innovative 2-in-1 thimble: thimble + clamp for faster installation



## Top down furling



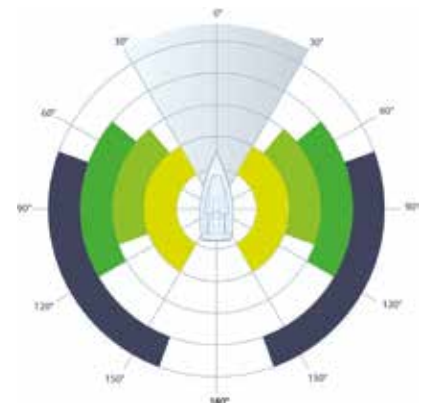
> When it comes to asymmetric spinnakers, top down furling is the best solution for bringing in your sail. The concept first appeared on maxi yachts before filtering down to more modestly-sized sailing-boats.

> Thanks to its swivel tack, the sail can be furled from the top downward to progressively stifle the sail without creating a jam.

## Which sails ?

> The Spinex is designed to furl flying sails with a loose luff, such as asymmetrical spinnakers.

> Gennakers, code zeros, staysails and so on can be furled using a NEX furler (see page 24 of this catalogue).



**SPINEX** Asymmetric spinnaker

**NEX** {  
 Genoa / staysail  
 Code 0  
 Gennaker

# Top down spinnaker furler

## SPINEX

### SPINEX components

- 1 Innovative ratchet feature : Furlassist
- 2 Large spool diameter
- 3 Innovative thimble: 2 in 1
- 4 Swivel tack point with Dyneema® loop
- 5 PVC sleeves to protect the sail
- 6 Anti-torque cable
- 7 Spool & swivel



### FURL ASSIST RATCHET: A MAJOR INNOVATION

#### A REAL PLUS FOR FURLING OPERATIONS

- Better control of furling
- Avoids accidental unfurling of the sail
- Permanent engagement of the pawl
- Safety: unlocks when hauling in the line fast
- Operates in both directions
- No additional line
- Easy installation and removal (2 screws)

## CHOOSE THE RIGHT SPINEX FOR YOU (5–18 M BOATS):

	SPINEX 0.9	SPINEX 1.5	SPINEX 2.5	SPINEX 4.0	SPINEX 6.5	SPINEX 8.0
<b>Boat length (not contractual)</b>	up to 8 m	up to 10 m	up to 12 m	up to 15 m	up to 18 m	+ 20 m
<b>Sail area recommended</b>	up to 60 m <sup>2</sup>	up to 100 m <sup>2</sup>	up to 150 m <sup>2</sup>	up to 230 m <sup>2</sup>	up to 300 m <sup>2</sup>	up to 400 m <sup>2</sup>
<b>Maximum working load</b>	900 Kg	1500 Kg	2500 Kg	5000 Kg	6500 Kg	8000 Kg
<b>Spool diameter</b>	120 mm	150 mm	180 mm	220 mm	220 mm	250 mm
<b>Lower end fitting</b>	Clevis pin snap shackle				Trigger snap shackle	-
<b>Upper end fitting</b>	D shackle					-
<b>Anti-twist cable Ø</b>	9 mm	11 mm	13 mm	15 mm	17 mm	19 mm
<b>Cable length delivered as standard</b>	14 m	17 m	20 m	25 m	30 m	35 m

\*: The working loads shown are the maximum working loads of the mechanisms (spool and swivel) only and are not the loads of the complete system when terminals are included. The product should not be used above these working loads in any circumstances.

### SPINEX: content



### Are you already using a Profurl NEX furler and want to furl your asymmetric spinnaker? Get the SPIN KIT!

Use Profurl's SPIN KIT to turn NEX furlers into asymmetric spinnaker furlers. SPIN KIT includes anti-twist cable, soft sleeves, and upper and lower end fittings.

	SPIN 0.9	SPIN 1.5	SPIN 2.5	SPIN 4.0	SPIN 6.5	SPIN 8.0
<b>Boat length (not contractual)</b>	up to 8 m	up to 10 m	up to 12 m	up to 15 m	up to 18 m	+ 20 m
<b>Part #NEX</b>	NEX 0.9	NEX 1.5	NEX 2.5	NEX 4.0	NEX 6.5	NEX 8.0
<b>Cable length delivered as standard</b>	14 m	17 m	20 m	25 m	30 m	35 m

# Top down spinnaker furler

## SPINEX

### ADVICES FOR USING THE SPINEX

#### 1st time:

> When setting for the first time, we recommend you do this in light winds. Check all halyard and sheet leads.

#### Furling:

> Tension must be applied to anti-twist cable by hauling on the halyard. It should be taut and stable. Be careful not to apply excessive tension, especially when you use an electric winch.

#### Direction of furling:

> As the anti-twist cable is a shape-memory component, we recommend you always furl your sail in the same direction to facilitate handling.

#### Wind angles:

> When unfurling the sail, stay within an apparent angle of between 90 and 120 degrees to help setting.

When furling, the apparent angle must be within 130 and 150 degrees (with the mainsail set to the head of the mast).



### INSTALLATION ADVICES

Fig 1.1

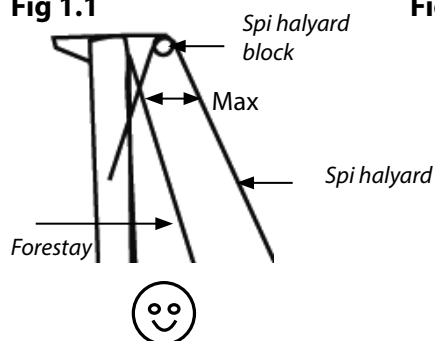


Fig 1.2.



Fig 2.1.

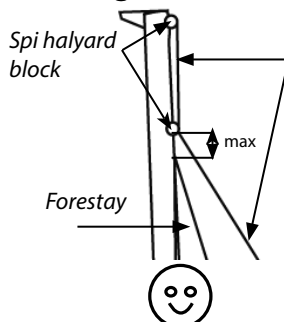


Fig 2.2

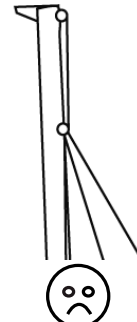


Fig 3.1



Fig 3.2.



Fig 4.1

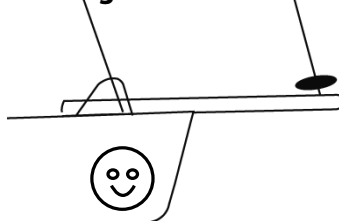
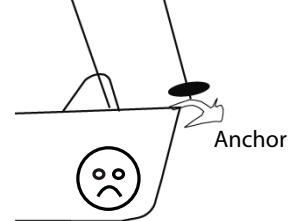


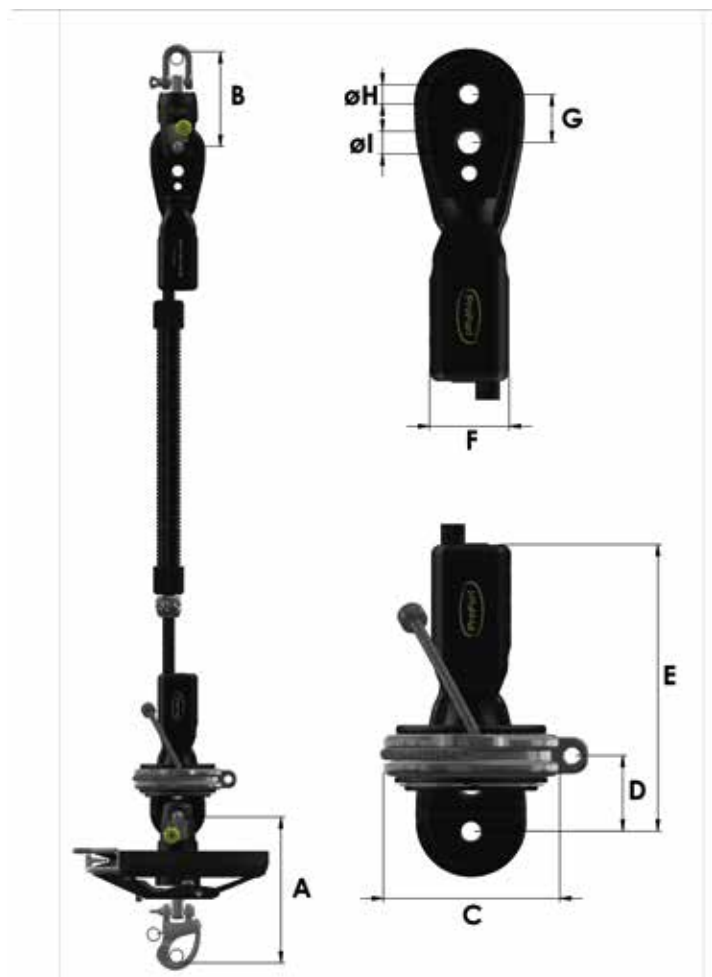
Fig 4.2.



## Technical data: SPINEX

	SPINEX 0.9	SPINEX 1.5	SPINEX 2.5	SPINEX 4.0	SPINEX 6.5	SPINEX 8.0
<b>A mm</b>	113.80	120.70	154	180.70	225.40	-
<b>B mm</b>	63.30	80.20	100.30	122.70	146.10	160
<b>C mm</b>	80	87	93	103	126	126
<b>D mm</b>	31.50	35	40	47.10	55.40	56.40
<b>E mm</b>	127.50	139.50	151.50	163	209	216
<b>F mm</b>	34	37	42	47	53	60
<b>G mm</b>	19	21	25.50	28.50	33	33
<b>H mm</b>	8.30	8.30	10.30	12.30	14.30	14.30
<b>I mm</b>	10	10	12	14	17	18
<b>∅ spool: mm</b>	120	150	180	220	220	250
<b>∅ furling line: mm</b>	8	8	8 - 10	8 - 10	10	10
<b>∅ anti-torque cable mm</b>	9	11	13	15	17	19
<b>Weight: swivel tack point, lower thimble Kg</b>	0.490	0.620	0.830	1.060	1.870	1.880
<b>Weight: upper thimble Kg</b>	0.120	0.170	0.245	0.310	0.580	0.590
<b>Weight: cable &amp; sleeve per meter (Kg / m)</b>	0.160	0.210	0.275	0.345	0.420	0.500

Technical data for mechanism





# Accessories

## for furlers and flying sail furlers



20120



21020

Part #	Description	Applications
20120	Stainless steel single fairlead For 25mm stanchion Maximum line diameter : 20mm	For manual headsail, flying sail and stayfurlers with drum
21020	Deck fairlead – M10 screw	For manual headsail, flying sail and stayfurlers with drum
20220	Stainless steel double fairlead with Velcro stripe for continuous line. For 25mm stanchion maximum Maximum line diameter : 20mm -	For flying sail and stayfurlers with spool
21220	Stainless steel double fairlead with Velcro stripe for continuous line. For 28mm stanchion maximum Maximum line diameter : 20mm	For flying sail and stayfurlers with spool
21120	Stainless steel articulated fairlead - For 25 & 28mm stanchion maximum Maximum line diameter : 20mm	For manual headsail, flying sail and stayfurlers with drum
20320	Deck fairlead - max rope size: 18 mm Fitting with 2 M5 screws	For manual headsail, flying sail and stayfurlers with drum

20220 /  
21220



21120



20320

### NEX AND SPINEX FLYING SAIL FURLERS: SPliced FURLING LINES – STANDARD LENGTH POLYESTER BRAID / BEIGE

For models	Line Part #	Description
NEX 0.9, SPINEX 0.9	54122	Dia 8 mm - standard length L: 12 m
	54123	Dia 8 mm - standard length L: 14 m
	54124	Dia 8 mm - standard length L: 16 m
NEX1.5, NEX 2.5, NEX 4.0, NEX6.5 - SPINEX 1.5, SPINEX 2.5, SPINEX 4.0	54129	Dia 10 mm - standard length L: 14 m
	54125	Dia 10 mm - standard length L: 16 m
	54126	Dia 10 mm - standard length L: 18 m
	54127	Dia 10 mm - standard length L: 20 m
	54128	Dia 10 mm - standard length L: 22 m
	54131	Dia 10 mm - standard length L: 24 m
54174	Dia 10 mm - standard length L: 26 m	

### MANUAL HEADSAIL FURLERS: SPliced FURLING LINES – STANDARD LENGTH

For models	Line Part #	Description
C260, C320, R250, R350	P250901	20 m reefing line ø. 6 + 1 articulated fairlead# Wichard 21120 + 3 single fairleads # Wichard 20120
C290, C350, C420, C430, R350, R420, R430	P250902	25 m reefing line ø. 8 + 1 articulated fairlead# Wichard 21120 + 4 single fairleads # Wichard 20120
C350, C420, C430, C480, R350, R420, R430, R480	P250903	25 m reefing line ø. 10 + 1 articulated fairlead# Wichard 21120 + 4 single fairleads # Wichard 20120
C430, C480, C520, C530, R420, R430	P250904	30 m reefing line ø. 10 + 1 articulated fairlead# Wichard 21120 + 5 single fairleads # Wichard 20120



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# They sail with Profurl !



Pogo 44



Outremer 5.X  
We Explore - Roland Jourdain



Victoire Martinet  
Mini 6.50



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