

NEX

Flying sail furlers

SAFETY

SAFE SYSTEM : Removable line

Already present on the 1st generation of NEX, the SAFE SYSTEM enables you to stop the furling line running during sail deployment and therefore helps:

- prevent accidents or damage caused by a free running line.
- manoeuvre more quickly and easily
- prevent excessive wear of the line



NEW TERMINALS:

- Swivel eye
- Compact halyard block
- Solid sheave

See pages 30 and 31

PERFORMANCE

OPTIMUM FURLING : Furl quickly and without effort

A real technological improvement, Nex drums are the widest on the market and provide:

- Fast furling speed
- Comfortable furling needing less effort during manoeuvres. A real advantage with small crews



XTRA-LITE SYSTEMS : Continuously striving for lightness

The general design and the choice of materials enable us to offer systems that are ever lighter for:

- Improved performance of the boat
- Ease of use of the systems during manoeuvres



S-GRIP : Better line grip

The specific design of the drum groove provides:

- Better rope grip
- Easier sail furling without skidding
- Limited rope wear



NEW :
Anti-shock housing for
better protection and longer life



EASY TO USE

I-CONNECT : Quick fit sailing system

Available on swivel shackle and drum mechanisms, I-Connect offers:

- Quick opening and closing of the pin by pulling on the ball (regardless of the direction of the force)
- Excellent grip (even with gloves)
- A simple new mechanism without jamming - easy to dismantle



QUICK FIT : Line Fitting

Already present on the 1st NEX, Quick Fit makes fitting and removing a spliced line quick and easy:

- Quick Installation
- Possibility of splicing to length
- Possibility of leaving the line in position
- Possibility of using the same line for several systems



TUNE & LOCK : Easy fitting and adjustment

Installation and adjustment of the housing is made simple with a single screw:

- Precise adjustment of the housing according to the orientation of the line
- Decreases the friction of the line on the housing
- Automatic height adjustment of the housing



INNOVATION!

FURLASSIST: INTUITIVE AND SAFE ASSISTANCE FOR FURLING

A MAJOR INNOVATION of this new Nex range, the FURLASSIST ratchet function is a real plus for your manoeuvres allowing::

- Better control of furling avoiding accidental unfurling of the sail
- Reliable furling due to the permanent engagement of the pawl
- Safety: it only unlocks when hauling in the line fast
- Simplicity: operates in both directions and without additional line
- Easy installation and removal (2 screws)

NEX

Flying sail furlers



SELECTION TABLE

	NEX 0.9	NEX 1.5	NEX 2.5	NEX 4.0	NEX 6.5	NEX 8.0	NEX 12.0
Light sail area (i.e gennaker)*	35m ²	60 m ²	80 m ²	140 m ²	220 m ²	300 m ²	450 m ²
Stormsail area*		20 m ²	30 m ²	45 m ²	65 m ²		
Option : Ratchet feature FurlAssist	✓	✓	✓	✓	✓	✓	✓
Working Load**	900 Kg	1500 Kg	2500 Kg	4000 Kg	6500 Kg	8000 Kg	12.000 Kg
Spool diameter	120 mm	150 mm	180 mm	220 mm	220 mm	250 mm	250 mm
Standard lower terminal	Clevis pin snap shackle	Clevis pin snap shackle	Clevis pin snap shackle	Clevis pin snap shackle	Trigger snap shackle	-	-
Standard upper terminal	Swivel eye	D shackle	D shackle	D shackle	D shackle	-	-
Examples for a monohull	Mini 6.50 - Cruising boat 27'	Cruising boat 32'	Cruising boat 42'	Cruising boat 50'	Cruising boat 55'	Cruising boat 60'	Cruising boat +65'

List of terminals and options available



Description	D shackle	Eye	Halyard block	MXEvo: halyard shackle
Benefits	• Wichard forged shackle in High resistance stainless steel	• Compact • Prevents the rope wear • Perfect for lashings	• 2/1 halyard • No loop - no twist • Compact • Dismantable • With balls + bearing	• 2/1 halyard • Becket for 3/1 purchase • Heavy load • Compact • Stainless steel • Rope dia: 8 to 14 mm
Upper terminals	As standard on all models but NEX 0.9 - NEX 8.0 - NEX 12.0	• As standard: NEX 0.9, • Option: all models	• Option for all models (not available for NEX 0.9 & NEX 1.5)	• Option for all models (not available for NEX 6.5 - NEX 8.0 - NEX 12.0)
Lower terminals	X	Option: all models	• Option for all models (not available for NEX 0.9 & NEX 1.5)	• Option for all models (not available for NEX 6.5 - NEX 8.0 - NEX 12.0)

*: The values shown in the table are for information only and should be verified by a professional taking into account the characteristics of the boat.

** The working loads shown are the maximum working loads of the mechanisms 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.

Profurl + points: Proven and unique technology

- Performance even under high loads
- Reliability and longevity of the mechanisms



NEX furlers and manual furlers share the Profurl technology that has created the reputation of the brand: Profurl mechanisms are the only ones to use bearings made from very hard **100C6 carbon steel** which allow furling even under high loads (no crushing of the balls). The mechanism is mounted in a waterproof grease bath and is protected from external aggressions (salt, sand, etc.) and does not require any maintenance.

	  For NEX 6.5 For NEX 8.0		
Clevis pin snap shackle	Trigger snap shackle	Solid sheave	Swivel hook
• Wichard forged snap shackle • Ergonomic ball for quick opening	• Wichard snap shackle • Quick opening • Compact	• With becket • Quick opening • 3/1 purchase • Stainless steel	• Weight savings • Compact • Ease of installation (no drilling) • Reduce mast compression
X	X	X	NEX4.0, NEX 6.5 and NEX8.0
• As standard on all models from NEX 0.9 to NEX4.0	• As standard: NEX 6.5 • Option: NEX 8.0	Option: from NEX1.5 to NEX12.0	X

NEX

Flying sail furlers

ACCESSORIES

- **SWIVEL TACK POINT FOR SPINNAKER :**
Spinnaker tack: available for Nex 4.0, 6.5 and 8.0, spinnaker tacks connect to the drum and allow you to furl asymmetric spinnakers top down.

- **STAINLESS STEEL AND ALUMINIUM THIMBLES**
Available in stainless steel or aluminium, their form facilitates the positioning of the sail in the mechanism forks. Their cut-outs allow good positioning of the lashings avoiding excessive wear. Stainless steel thimbles are an economical solution. Aluminium thimbles provide performance and lightness; they are used for racing programmes.

- **CABLE-FREE THIMBLES**
The cable-free thimbles aim at being installed on sails without furling cable. Their specific design enables the optimized furling and easy fitting of the webbings..
Available in 3 sizes for NEX2.5, 4.0, 6.5 and 8.0

- **ANTI -TORSION CABLE CLAMPS**
For anti-torque cables (dia 9, 11, 13 and 15 mm)
- Can be used for gennaker with Marlow ProDrive +
- Can be used for asymmetric spinnakers with most of the anti-torque cables available on the market
- Material : Duplex grade stainless steel

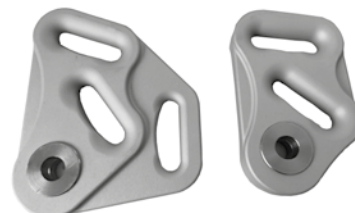
- **ANTI-TORQUE CABLES :**
Profurl offer anti-torque cables cut at length in various diameter
• Dynex Hampidjan cable - available in 9, 11, 13 and 15 diameter
• Cable Marlow ProDrive2 - available in 9, 11, 13 and 15 diameter

- **SPLICED FURLING LINES**
Available in 8 and 10 mm diameter - From 12 to 26m
High quality spliced furling line offering higher product lifetime.
Prevents the risk to be locked into the spool.

FLYING SAIL FURLER WITH DRUM

- > With a drum and a single furling line similar to manual headsail furler.
- > Economical system.
- > Easy to install on board

Contact us for more information





FLYING SAILS FURLER NEX SPEED

The NEX SPEED is the Racing version of the NEX. Available in NEX2.5 and NEX4.0 versions, they feature the same mechanisms but with more compact spools. It is the perfect unit for regatta and offshore racers looking for enhanced manoeuvrability, performance and weight..

Why choose the NEX SPEED?

- > Quick furling
- > Light and compact
- > Strength (working load: 2.5T & 4T)

User programme for the NEX SPEED

- > Sport boats
- > Single-hulled, type Figaro 3, L30, etc.
- > Foil catamarans type TF35, multi-hulled type GC32
- > Class 40

	NEX 2.5 SPEED	NEX 4.0 SPEED
Light sail area (i.e gennaker)*	80 m ²	140 m ²
Ratchet feature FurlAssist	✓	✓
Working load **	2500 Kg	4000 Kg
Spool diameter	150 mm	180 mm
Standard lower terminal	Clevis pin	
Standard upper terminal	D shackle	
Examples for a monohull	Sailing boat 30' 35'	Sailing boat 40'

*: The values shown in the table are for information only and should be verified by a professional taking into account the characteristics of the boat.

** The working loads shown are the maximum working loads of the mechanisms 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.



**CYCLOPS
MARINE**

SMART TOGGLE® - 4T: wireless load sensor



Improve the boat performance by measuring in real time luff tension!

- For NEX 4.0 flying sail furler (other sizes on demand)
- Easy to install, light & compact
- Waterproof and durable
- Bluetooth connectivity (mobile app or boat's display)

TECHNICAL DATA

- Working load 4T - Pin to pin: 90 mm - Pin dia: 12 mm - Battery Life 2000 hours @ 1Hz



NEX

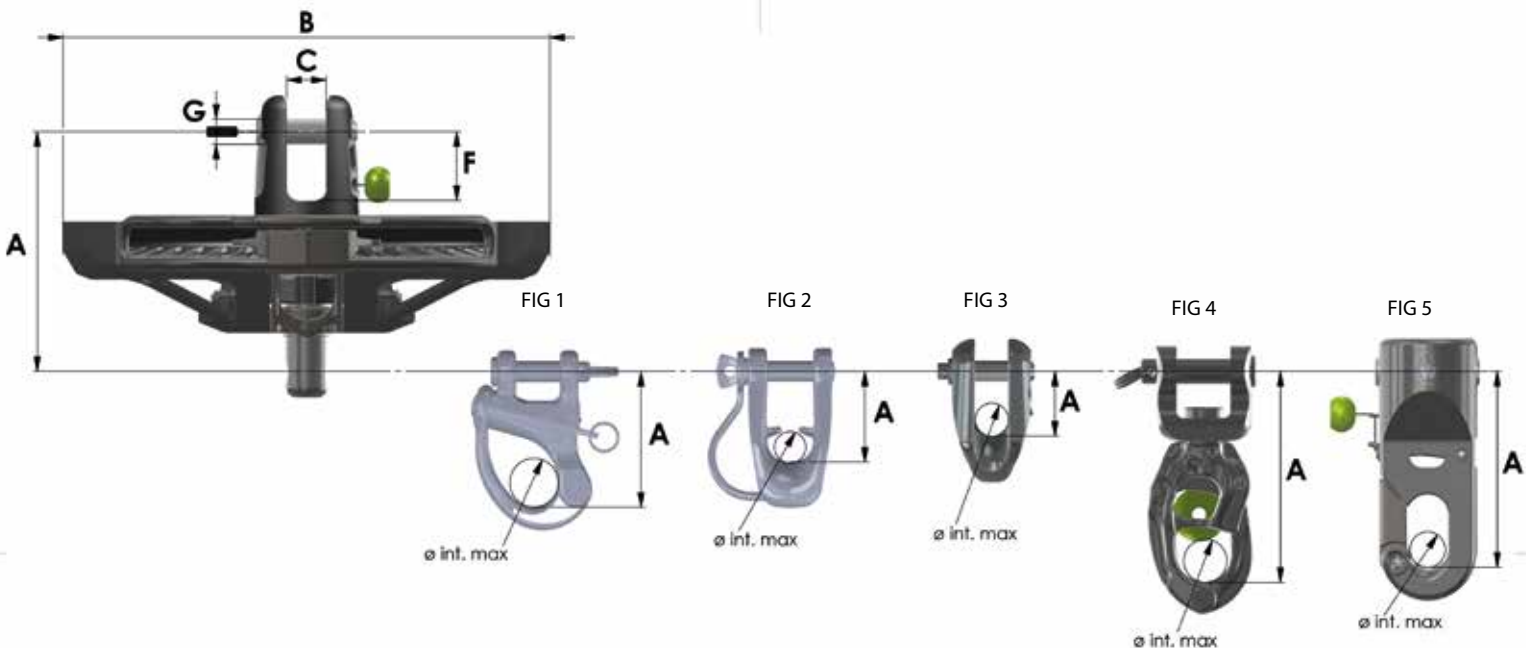
Flying sail furlers

TECHNICAL DATA



Technical data: spool	NEX 0.9	NEX 1.5	NEX 2.5	NEX 2.5 SPEED	NEX 4.0	NEX 4.0 SPEED	NEX 6.5	NEX 8.0	NEX 12.0
Height pin to pin: A mm	74,1	81,1	100,2	97	115	118	126	137	166,5
Width drum mechanism: B mm	128	160	192	160	234	192	232	263	263
Width fork: C mm	12	15	18	18	19	19	25,1	25,1	25,1
Depth under pin: F mm	18	22	26	26	33	33	39	39	43
Ø pin G mm	8	8	10	10	12	12	14	14	18
Ø spool: mm	119	149	179	149	219	179	219	249	249
Ø continuous line mm	Ø8	Ø8	Ø10	Ø8	Ø10	Ø10	Ø10	Ø10	Ø10
Weight: spool (only) Kg	0,380	0,540	0,995	0,312	1,490	1,160	1,730	2,440	3,198

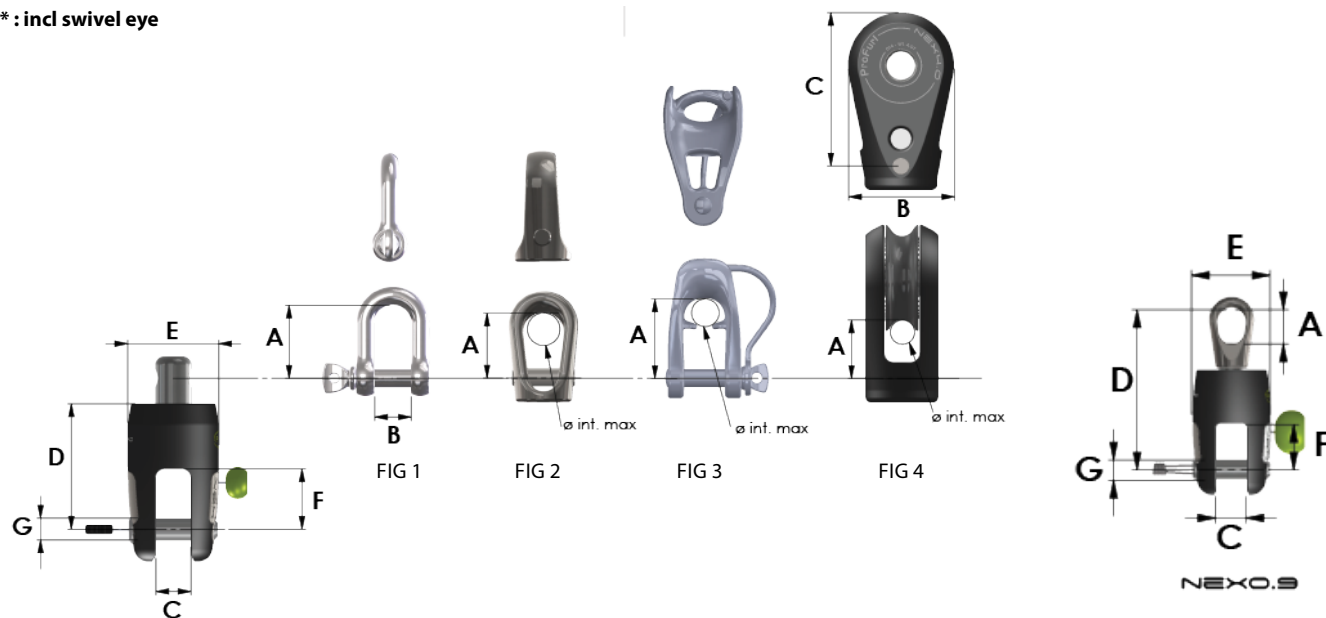
Technical data : Mount end piece	NEX 0.9	NEX 1.5	NEX 2.5 & NEX 2.5 SPEED	NEX 4.0 & NEX 4.0 SPEED	NEX 6.5	NEX 8.0	NEX 12.0
Snap shackle - part# fig 1, 4 & 5	54100	54100	54101	54102	59206	2957	-
A : Height Axle-arm : (mm)	39,6	39,6	54	65	99,4	94	-
D : Max inner ø (mm)	16	16	21	26	25	17	-
Weight (kg)	0,054	0,054	0,130	0,257	0,27	0,810	-
MXEvo : halyard shackle FIG 2	MxEvo 6 - 11603		MxEvo 8 - 11604	MxEvo 10 - 11605	-	-	-
A (mm)	32		35	43.5	-	-	-
D: Max inner ø (mm)	9		11	15	-	-	-
Weight (Kg)	0,053		0,109	0,022	-	-	-
Solidsheave 3:1: FIG 3							
A (mm)	-	26,8	29	31	30,5	45,85	56,2
D: Max inner ø (mm)	-	10	12	16	15	23	25
Weight Kg	-	0,113	0,200	0,280	0,350	0,750	1,238



Technical data: swivel	NEX 0.9	NEX 1.5	NEX 2.5 & NEX 2.5 SPEED	NEX 4.0 & NEX 4.0 SPEED	NEX 6.5	NEX 8.0	NEX 12.0
Height pin to pin: D mm	63,3	56,2	68,3	82,7	97,7	104,5	128
Width swivel: E mm	31	34	42	50	60	65	72
Width fork: C mm	12	15	18	19	25,1	25,1	25,1
Depth under pin: F mm	18	22	26	33	39	39	43
Ø pin G mm	8	8	10	12	14	14	18
Weight: swivel (only) Kg	0,110*	0,140	0,260	0,470	0,730	0,970	1,638
Max ø luff line mm	9	11	13	15	17	19	21

Technical data : Terminaisons swivel	NEX 0.9	NEX 1.5	NEX 2.5 & NEX 2.5 SPEED	NEX 4.0 & NEX 4.0 SPEED	NEX 6.5	NEX 8.0	NEX 12.0
Wichard HR shackle: Fig 1		Part # 11203	Part # 11204	Part # 11205	Part # 11206	Part # 11207	Part # 11208
ø pin (mm)	-	6	8	10	12	14	16
A / B (mm)	-	24/12	32/16	40 / 20	48/24	56/28	64/32
Weight Kg	-	0,024	0,052	0,102	0,192	0,304	0,464
Eye: Fig 2	Standard	part #p591545	part #p592545	part #594045	part #p596545	part #p598045	part #59248
A (mm)	13,5	20	27,5	35,5	45,8	51,7	NC
D Inner ø. max (mm)	11	13	17	22	28	32	28
Weight (Kg)	0,018	0,034	0,078	0,142	0,287	0,429	1,675
MXEvo : halyard shackle Fig 3		MXEvo 6 part #11603	MXEvo 8 part #11604	MXEvo 10 part #11605	-	-	-
A (mm)	-	32	35	43,5	-	-	-
D:ø int. max (mm)	-	9	11	15	-	-	-
Poids (kg)	-	0,053	0,109	0,222	-	-	-
Halyard block: Fig 4			part #P592530	part #P594030	part #P596530	part #P598030	part #P591230
A (mm)	-	-	24,5	32	38	48	52,5
Sheave ø : B (mm)	-	-	46,4	58	64	80	100
Height : C (mm)			66	84	96	120	142,5
D: Max Inner ø (mm)	-	-	10	14	16	18	22
Weight Kg	-	-	0,178	0,310	0,505	0,985	1,595

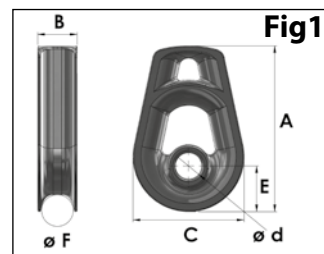
* : incl swivel eye



TECHNICAL DATA

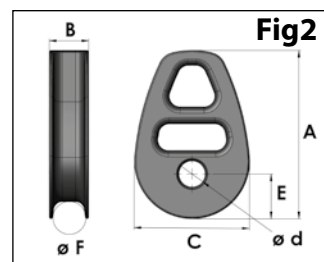
Stainless steel thimbles: Fig 1

	NEX 0.9	NEX 1.5	NEX 2.5 & NEX 2.5 SPEED	NEX 4.0	NEX 6.5	NEX 8.0	NEX 12.0
Part #	59164	59025	59026	59027	59028		
A (mm)	40	57	67,5	78	105		
B (mm)	11,5	14,5	17,5	18,5	24,8		
C (mm)	30	38	45	52	70		
ø d (mm)	8,3	8,3	10,3	12,3	14,3		
E (mm)	12	16	18,5	21,5	30		
ø F (mm)	9	11	13	15	20		
Weight Kg	0,030	0,073	0,126	0,190	0,382		



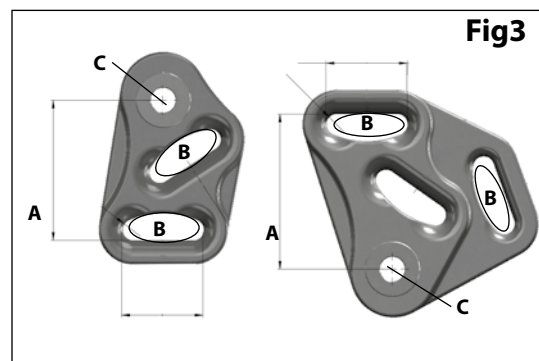
Aluminium thimbles: Fig 2

	NEX0.9	NEX 1.5	NEX 2.5 & NEX 2.5 SPEED	NEX4.0	NEX 6.5	NEX 8.0	NEX12.0
Part		59165	59166	59167	59168		
A (mm)	-	56	66,5	79	108		
B (mm)	-	14,5	17,5	18,5	24,8		
C (mm)	-	38	45	54	70		
ø d (mm)	-	8,3	10,3	12,3	14,3		
E (mm)	-	15	17,5	21	31,5		
ø F (mm)	-	11	13	15	19		
Weight Kg	-	0,032	0,054	0,074	0,190		



Cableless thimbles: Fig 3

		NEX 2.5 & NEX 2.5 SPEED	NEX 4.0	NEX 6.5	NEX 8.0
Top thimble	Part #	59210	59212	59214	
	A mm	45.50	63.50	81	
	B mm	22*7	27*7	47*12	
	C mm	10	12	14	
	Weight Kg	0.100	0.163	0.349	
Bottom thimble	Part #	59211	59213	59215	
	A mm	50.3	68.25	89.70	
	B mm	22*7	27*7	47*12	
	C mm	10	12	14	
	Weight Kg	0.107	0.177	0.484	



Cable clamps : Fig 4

	NEX 0.9	NEX 1.5	NEX 2.5	NEX 4.0
part #	7321	7322	7323	7324
Cable size max mm	9	11	13	15
A mm	8.5	10	12	15
B mm	29	31	35	40
L mm	56	60	62	100
Weight Kg	0.169	0.198	0.243	0.525

