

Nodus Factory™

www.nodusfactory.com

2020



Textile Fittings®

NODUS FACTORY

3, rue de Govean
Zone de Kerollaire
F - 56370 Sarzeau

Tel : +33 (0) 2 97 67 64 83
Email : nodus@nodusfactory.com
Skype : nodus-factory

Information : <http://www.nodusfactory.com/>
Dealers : <http://www.nauticexpo.fr/prod/nodusfactory-66050.html>
Vidéo : [youtube.nodusfactory.com](https://www.youtube.com/nodusfactory.com)

Follow us



BUREAU
VERITAS

Produits certifiés VERITAS
Rapport n° LFT 190730 REV 1

MADE IN FRANCE



Innovate your Rigging, Node your Ropes!

Established in France in Morbihan, Nodus Factory creates and manufactures the deck hardware of the future, combining high-tech innovation and social responsibility

Easily equip with less effort and more security, is a constant research in the development of our products

We daily mobilize all our knowledge to find an original and effective solution to a problem. We are reinventing deck hardware with innovative textile connectors that are more efficient and more ecological.

We are always beside our customers to advise the best way to equip their sailboats safely with VERITAS certified quality products.

Using a Nodus Factory product is the guarantee of superior mechanical resistance to effort, constant quality, safety and reliability.

The 2020 catalog brings new innovative solutions such as the Plug and Sail™ range, which opens a new world by creating the first universal textile hardware in the world

Thank you for your trust in us.

Happy sailing



www.nodusfactory.com

Contents

Nodus Factory™		
	Reference	Page
Shackles		4
Universal adjustable shackle	K®	5
Halyard and sheet shackle	C & Cs®	6
Block shackle	T®	7
Sheathed shackle <i>High Load®</i>	M® HL	8
Textil halyard pulley	R®	9
Snap shackles		10
Jib sail carabiner	Mf®	11
Multi-purpose snap shackle	MT-close®	12
Spi Carabiner snap shackle	MT-sail®	13
Load release snap shackle	MT-drop®	14
Loop & Friction ring		15
Sheathed loop - <i>High Load</i>	L® HL	16
Loop with cover <i>Protect Coating®</i>	Ls® HL	17
Loop & Ring	L&R®	18
Violin Ring® - Block-Friction®	BF®	19
Opening friction ring® - Textile Hook friction®	TH®	20
Friction ring- Nodus friction®	FR®	21

Strops		22
Quick carabiner	E T-close®	23
Snap shackle <i>High Load®</i>	E T-bône®	24
Snap shackle for spinnaker	E T-sail®	25
Carabiner releasable under load	E T-drop®	26
Universal eye on strop®	E Œil®	27
Strap dyneema® & Boom strap		28
Loop strap <i>High Load®</i>	SL®	29
Multi-purpose shackle strap <i>High Load®</i>	SM®	30
Boom strap® "Lashing"	SC®	31
Adjustable boom strap	S T-close®	32
Plug & Sail®		33
Textile strop connector for ring	Lock®	34
Textile connector - Block-Loop®	BL®	35
Textile connector - Block-Shackle®	BS®	36
Opening pulley - Textile Snatch block friction®	SB®	37
Comfort & Mooring		38
Custom Lazy-jack®	Lj®	39
Adjustable cleat for lazy & cover	T-Lazy®	40
Adjustable fender cleat	T-bat®	41
Comfort cushion	Lab one®	42
Tailor-made		43

Shackles

Used in almost every maneuver, Soft shackles are the essential equipment on board,.

Page 5



Universal adjustable shackle

T-close K® multi-purpose, pulleys, boom, sheets, halyards, sails, lazy-bag, etc...

1102010110	K2
1103010110	K3
1105010110	K5
1106010110	K6
1108010110	K8

Page 6



Halyard and sheet shackle

T-close C® for connecting two elements: sheets, halyards, mainsail foot, etc.

1203010110	C3
1205010110	C5
1206010110	C6
1208010110	C8

Page 6



T-close Cs® with overshoot

1403010310	C3 s
1405010310	C5 s
1406010310	C6 s
1408010310	C8 s

Page 7



Block shackle T® specially designed for lashing block

1701011001	T2
1701011003	T3
1701011005	T5
1701011006	T6

Page 8



Multi-purpose shackle *High Load®*

M®, ® is a soft shackle for heavy loads. Ideal as a soft shackle for mainsail foot, pulleys, etc.

SMALL	MEDIUM	LARGE	
1602010106	1602010206	1602010306	M6
1603010108	1603010208	1603010308	M8
1604010110	1604010210	1604010310	M10
1605010112	1605010212	1605010312	M12
1606010114	1606010214	1606010314	M14

Page 9



Textil Halyard pulley

R® for hauling sheets, sail foot, etc. ratio 2:1

4201011020	R3
4201011025	R5
4201011035	R6

Universal adjustable shackle



Product Name	Breaking load	Adjustable loop	Ø Sheave	Weight	Sail Area
	Straight	Mini/maxi	Pulley		40 nds
	Kg	cm	mm	gr	m2
K2	380	1/7	15/30	2	10
K3	750	2/9	30/40	4	21
K5	1900	3/10	40/50	14	52
K6	2600	4/12	50/60	26	71
K8	4800	5/17	60/70	56	132



Shackle T-close **K**[®] – Adjustable loop

T-close **K**, multi-use universal textile shackle with adjustable loop.

- Usable in numerous situations, the "Swiss Army knife" of your boat.

Use

- ❑ Universal adjustable fastener, for pulleys, boom, sheets, halyards, sails, lazy-bag, etc.
- ❑ Modify the length of the loop
- ❑ Slide the T-close fastener, locking closure with the Grip Knot[®]
- ❑ Easy to install and open, even after a heavy load
- ❑ Reliable and maintenance free

Advantages

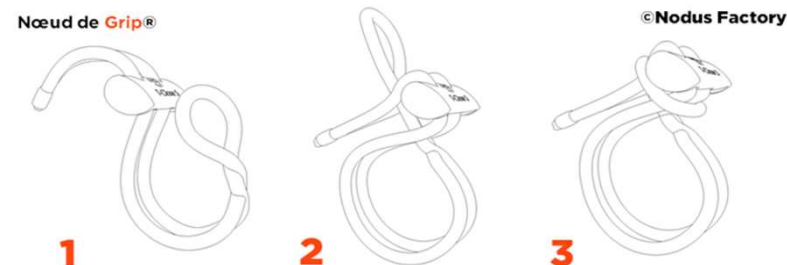
- ❑ Multi-usage through its adjustable loop
- ❑ Locking secured under load and at no load
- ❑ Structural ending: it can be used as a loop for taking up force – fastening in lark's head knot or Prusic/Machart knot
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ No corrosion

Specifications

- ❑ T-close fastener – Glass-fibre reinforced PA
- ❑ Rope 100% Dyneema R2 pre-stretched, coated – Light grey/black
- ❑ Strength certified by Veritas

Nodus and tricks

- Can easily resolve a sheet winch jam (see Nodus Factory YouTube tutorial)



Halyard & sheet shackle



Product Name	Breaking Load	Ø Rope	Length	Weight	Sail Area
	Straight	R2	Closed		40 nds
	Kg	mm	cm	gr	m2
C / Cs 3	840	2,5	4	4/6	20/50
C / Cs 5	1800	4	7	12/14	50/70
C / Cs 6	2500	5	8	28/30	70/90
C / Cs 8	4600	7	8	45/47	90/140



Shackle T-close **C / Cs**® - Halyard & sheet

C / Cs, captive textile shackle, specially designed for halyards & sheets with an eye ending.

- Shackle that is captive using our Block® system

Use

- ❑ Captive textile shackle for connection between two elements: sheets, halyards, mainsail foot, etc.
- ❑ Easy-to-use → Closure with Cape Knot® → Quick opening even after heavy load
- ❑ Reliable and maintenance free

Advantages

- ❑ The flexibility of textile ensures that the work is in the axis of the forces
- ❑ Does not damage masts and decks
- ❑ Captive on sheet or halyard thanks to the Block® system
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ No corrosion
- ❑ 10 x lighter than a stainless-steel shackle of equivalent strength

Specifications

- ❑ T-close fastener → Glass-fibre reinforced PA
- ❑ Rope 100% made of Dyneema® R2 pre-stretched, coated → Light grey/black
- ❑ Model T-close C → without oversheath / Model T-close Cs → with oversheath in Dyneema® R2
- ❑ Strength certified by Veritas

Nodus and tricks

- Improve and adapt your existing sheets and halyards with our easy-to-splice stops!

Block shackle



Product Name	Breaking Load	Ø Rope	Lenght	Ø Intérieur	Weight
	Straight	R2	Closed	Pulley sheave	
	Kg	mm	cm	mm	gr
T 2	500	2/4	5	15/30	2
T 3	840	2,5/5	7	30/40	4
T 5	2450	4/8	9	40/50	14
T 6	2900	5/10	10	40/50	18



Shackle **T®** - pulley special

T®, is a textile shackle specially designed for a lashing block.

- Easy to install, very light and resists heavy loads.

Use

- ☐ Universal textile fastener for lashing block
- ☐ Auto-closable eye as soon as installed
- ☐ Easy to use → Closure → Cape knot® → Quick opening link even after heavy load (orange thread)
- ☐ Reliable and maintenance free

Advantages

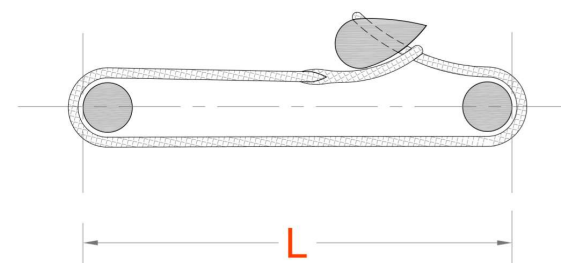
- ☐ The flexibility of textile ensures that the work is in the axis of the forces
- ☐ Highly resistant to UV
- ☐ Excellent resistance to chafing
- ☐ No corrosion

Specifications

- ☐ T-close® fastener → Glass-fibre reinforced PA
- ☐ Rope 100% made of Dyneema® R2 pre-stretched, coated → Light grey/black
- ☐ The shackles **T®** are pre-stretched and glued® to avoid any stretching after installation
- ☐ Strength certified by Veritas

Nodus and tricks

- Refit your existing pulleys with a T shackle by removing the metal becket, valid only for pulleys with an open central axis.



Sheathed shackle *High load®*



Product Name	Breaking Load	Ø Line	Lenght			Ø Inside	Sail Aera
	Straight		S	M	L		
	Kg	mm	cm	cm	cm	mm	Max m2
M 6 HI	2900	4/8	4,5	9	10	15/30	80
M 8 HI	3600	5/10	4,5	9	10	30/40	99
M 10 HI	6000	6/12	5	9,5	11	40/50	165
M 12 HI	6700	9/18	6	10	12	50/60	184
M 14 HI	10000	10/20	6	10	12	60+	275



Shackle **M** *HL*® – Multi-purpose sheathed shackle

M® *High Load*, is a multi-purpose textile shackle for heavy loads.

- The specific feature of this product is that it is both a core and a protective sheath

Use

- ❑ Ideal as a flexible textile fastener for mainsail foot, pulleys, low-friction rings, running backstay links, baby stay, etc.
- ❑ Very light and strong, ideal to optimise the performance of your yacht
- ❑ Easy-to-use – Closure – Cape Knot® – Quick opening even after heavy load
- ❑ Reliable and maintenance free

Advantages

- ❑ The flexibility of textile ensures that the work is in the axis of the forces
- ❑ The eye of the shackle is securely closed by a lock-ring joint
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing

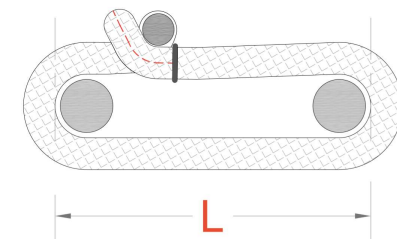
Specifications

- ❑ T-bône® fastener, Titanium TI 6 "Eco Ti"
- ❑ Textile shackle, core and sheath 100% Dyneema® R2 12fx pre-stretched, coated – Light grey/black
- ❑ Closure secured by lock-ring joint – EPDM protect anti-uv
- ❑ Strength certified by Veritas

Nodus and tricks

- For the choice of an optimum shackle, check the size of the sheave and the SWL or the BWL of your pulleys and/or the strength of your rope!

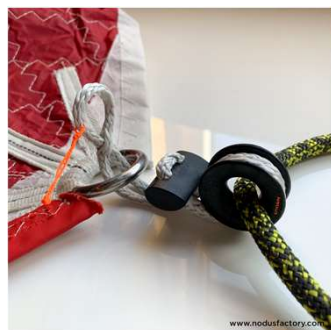
Option "System Block® s" To be used on rings, halyards and sheets (see Nodus Factory YouTube tutorial)



Textile halyard pulley *"New Process"*



Product Name	Safe working Load	Lenght	Ø Interne	Ø Rope Recommended	Weight	Sail Aera
	Straight	Close	Ring	Halyard/Listening		40 nds
	Kg	mm	mm	mm	gr	m2
R 2	700	50	10	4/6	6	20
R 3	1000	60	14	6/8	18	40
R 5	1500	80	20	10/12	34	60



Shackle **R**® – Pulley shackle

Shackle **R** is a friction-ring pulley shackle.

- Used for the halyards of a mainsail controlled by pulley (hoist 2:1)

Use

- ❑ Pulley shackle, type "flying" pulley 2:1 for use with halyards, sail foot, hauling, etc.
- ❑ Easy-to-use – Closure – Cape Knot® – Quick opening even after heavy load
- ❑ Reliable and maintenance free

Advantages

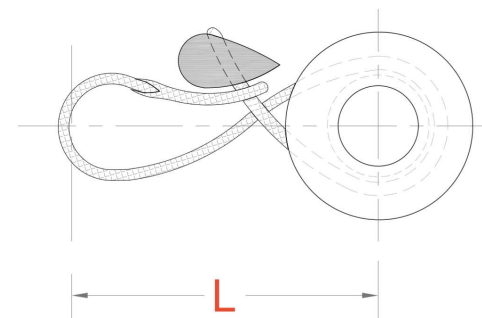
- ❑ Extremely light and strong hoist with friction ring
- ❑ The flexibility of textile ensures that the work is in the axis of the forces
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ No corrosion

Specifications

- ❑ T-close fastener – Glass-fibre reinforced PA
- ❑ Rope 100% Dyneema® R2 pre-stretched, coated – Light grey/black
- ❑ Nodus Factory low-friction ring made of Self-lubricating technical plastic resin – black or partner product in aluminium.
- ❑ System Block s – Thermoplastic TPE flexible
- ❑ Strength certified by Veritas

Nodus and tricks

- Other product, for heavy load use the Block-shackle M; choose your pulley shackle according to the diameter and strength of your rope!



Textile Snap shackles

Our snap shackles are easy-opening, releasable or load-releasable and can be used on halyards, sheets and for other ancillary purposes on your boat.

Page 11



Jib sail carabiner

Mf T-close ~ for jibs, genoas, staysails, etc.

1103010203	Mf3 20
1103010403	Mf3 40
1103010603	Mf3 60
1105010405	Mf5 40
1105010605	Mf5 60

Page 12



multi-purpose Snap shackle

MT-close ~ for mainsails, jibs, genoas, staysails, etc..

1303010310	M T-c3
1305010310	M T-c5
1306010310	M T-c6
1308010310	M T-c8

Page 13



Spinnaker Snap shackle

MT-sail ~ for downwind sails, light spinnakers, code 0, etc

5101021005	M T-S5
5101021006	M T-S6
5101021007	M T-S7

Page 14

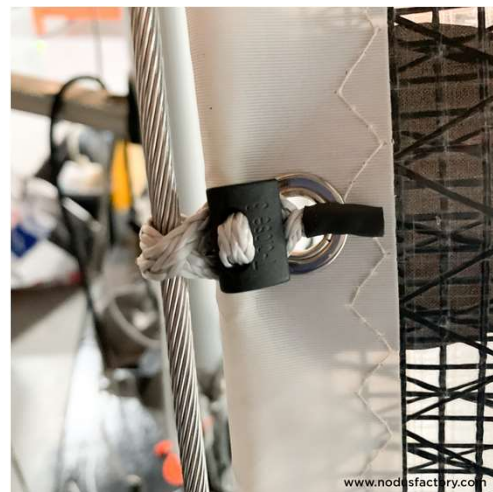


Load release snap shackle

MT-drop ~ halyard, spinnaker sheet, etc.

6106030012	M T-d12 s
6109030016	M T-d16 s

Jib sail carabiner «New Process»



Product Name	Breaking Load	Lenght	Weight	Sail Aera
	Straight	closed		40 nds
	Kg	mm	gr	m2
Mf 3	500	20	4	60
Mf 3	500	40	5	60
Mf 3	500	60	6	60
Mf 5	800	40	11	110
Mf 5	800	60	12	110



Mf T-close® – Jib sail carabiner

Mf, Textile jib carabiner for hoisting foresails on stays, seamless assembly, safety attachment, quick and easy to attach.

Use

- ☐ Jib sail carabiner for hoisting foresails ~ ideal for jibs, storm jibs, staysails, etc.
- ☐ Great alternative to metal carabiners and jib rings
- ☐ Easy to use – One-handed closing – Cap knot® Quick opening
- ☐ Reliable, maintenance-free

Advantages

- ☐ Captive
- ☐ Very UV-resistant
- ☐ Excellent abrasion resistance on metal or textile stays
- ☐ Ten times lighter than an equivalent metal carabiner or jib ring
- ☐ Prevents rusting on sails
- ☐ No damages to decks

Specifications

- ☐ T-close Shackle, Glass-fiber reinforced PA
- ☐ Rope 100% Dyneema® R2 pre-stretched, coated- Light grey / black
- ☐ Bonded spliced eye® and black polyamide crimping bush®
- ☐ Resistance certified by Veritas

Snap shackle « Halyard & Sheets »

«New Process»



Product Name	Breaking load	Lenght	Ø Eye	Weight	Sail Aera
	Straight	Closed			40 nds
	Kg	cm	mm	gr	m2
M T-c3	600	9	20	4	15/30
M T-c5	1600	12	25	10	30/50
M T-c6	2200	14	30	18	50/80
M T-c8	3300	17	40	36	80/120



M T-close® – Snap Shackle multi-purpose

The **M T-close** shackle can be used on halyards, sheets, foresails and for other miscellaneous uses

Use

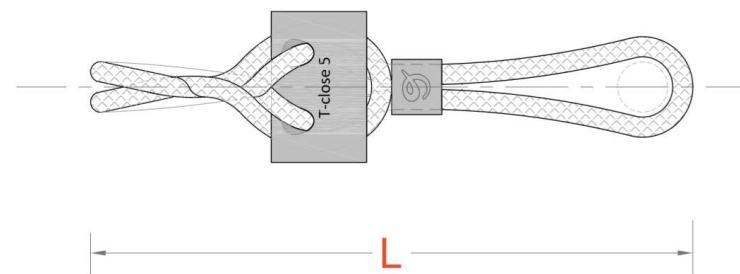
- ☐ Multi-purpose carabiners for quick connections between two elements: Halyards, jib and gennaker sheets, reefers, bracing, mainsail foot, furlers, etc.
- ☐ M T-close → Standard eye version and xl eye, lark's head knot attachment
- ☐ Easy to use → Closing Cap knot® Quick opening
- ☐ Reliable, maintenance-free

Advantages

- ☐ Flexible multi-purpose soft snap shackle, to ensure perfect in-axis loading
- ☐ Very UV-resistant
- ☐ Excellent chafe resistance
- ☐ Corrosion-free
- ☐ No damage to decks

Specifications

- ☐ T-close Shackle → Glass-fibre reinforced PA
- ☐ Rope 100% Dyneema® R2 pre-stretched, coated- Light grey / black
- ☐ Finished with (replacable) black polyester oversheath
- ☐ Easy opening (orange thread)
- ☐ Resistance certified by Veritas



Spi Carabiner « Snap shackle » *New Process*



Product Name	Breaking Load	Lenght	Weight	Ø Eye Listen	Textile Block	Sail Aera
	Basket	Straight			Reference	40 nds
	Kg	cm	gr	mm		m2
M T-Sail 5	1000	10	8	35	T-B 5	40/60
M T-Sail 6	1700	11	18	40	T-B 6	60/90
M T-Sail 7	2700	12	32	45	T-B 7	90/140



M T-sail® - Spinnaker snap shackle

The **M T-sail**® snap shackle for spinnakers and gennakers is easy to use, extremely lightweight and simple to install.

Use

- ☐ Specially designed for downwind sail sheets with eye termination
 - Fixing directly at the lark's head, requires the use of our **System Block®** attachment on the sail
 - Fixing, directly at the head of the lars on the sail (clew point) requires an eye in the clew termination (Eye size see table)
- ☐ Reliable, maintenance-free

Advantages

- ☐ Very light and resistant
- ☐ Opening and ultra-fast locking system
- ☐ Highly resistant to UV
- ☐ No corrosion
- ☐ Does not damage the decks

Specifications

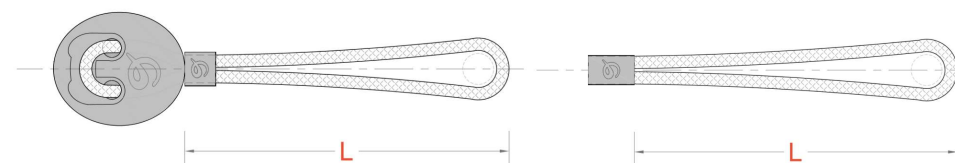
- ☐ T-sail ® shackle, Pa Tech
- ☐ Rope 100% Dyneema® R2 pre-stretched, coated 12fx - Light grey/noir
- ☐ Resistance certified by Veritas

Options

- Textile-Block fastening device designed especially for the point-to-point listening (Ring, strap, ... etc)
- The textile block is a small loop in Dyneema® delivered with a system Block® locking ring

Nodus and tricks

- Use the T-sail reefing for your jib tack
- Other product, for heavy load use the Block-shackle M; choose your pulley shackle according to the diameter and strength of your rope



Load-release *Snap-shackle* «New Process»



Product Name	Breaking load	Lenght T-drop	Ø Eye	Lenght	Weight	Sail Area
	Straight	Closed				40 nds
	Kg	cm	mm	mm	gr	m2
M T-d12	800	9	20	18	22	75/90
M T-d16		12	30	23	30	90/130



M T-drop® – Trigger Snap-shackle

M T-drop® is a snap shackle that can be opened under load,

- Extremely lightweight, easy to use, with pin-safe, does not require an opening pinche.
- Does not require a halyard stop

Use

- ❑ Snap shackle that can be opened under load, for quick connection between two elements: Sails, genoa, spinnaker, gennaker, sheets, spinnaker arm return, in-hauler, etc.
 - Fastening on the sail → The Pelican hook is placed directly in the clew or halyard or through the intermediary of a Textile-Block®
 - Closure of the snap shackle → Push the locking ring, secure with the pin
 - Release under load → Withdraw the safety pin, pull on the locking ring
- ❑ Reliable and maintenance free

Advantages

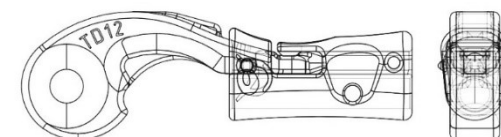
- ❑ Release under load, does not get locked
- ❑ Possibility of placing a release line
- ❑ No oxidation
- ❑ Does not damage the decks

Specifications

- ❑ T-drop® fastener → Glass-fibre reinforced PA
- ❑ Rope 100% made of Dyneema® R2 pre-stretched, coated → Light grey/black
- ❑ Locking secured under load and when not loaded by the pin
- ❑ Strength certified by Veritas

Option

- ❑ Textile-Block attachment system specially designed for the clew (ring, strap, etc.)
 - The textile block is a small loop made of Dyneema delivered with a System Block locking ring



Loop *High Load* & Friction ring

The *High Load* sheathed Dyneema® loop is a soft loop for heavy loads, ideal as a soft attachment..

Page 16



Sheathed loop - *High Load*

L® High Load is a soft loop for heavy loads, ideal as a soft attachment

SMALL	MEDIUM	LARGE	X Large	XX Large	HL
4125010100	4125010200	4125010300	4125010400	4125010500	L2,5
4103010100	4103010200	4103010300	4103010400	4103010500	L3
4104010100	4104010200	4104010300	4104010400	4104010500	L4
4105010100	4105010200	4105010300	4105010400	4105010500	L5
4106010100	4106010200	4106010300	4106010400	4106010500	L6

Page 17



Loop with cover Dyneema® - *Protect Coating®* - *New 2020*

Ls® High Load is a soft loop for heavy loads

X small	SMALL	MEDIUM	LARGE	HL
4102411100	4102410100	4102410200	/	Ls2
4104411100	4104410100	4104410200	/	Ls3
4105411100	410541010041	4105410200	4105410300	Ls4

Page 18



Loop & Ring®

LR® loop and ring, can be attached easily and used as a replacement for any block on the boat

4103010025	LR 3
4104010035	LR 4
4106010060	LR 6

Page 19



Violin Ring - *Block-Friction®*

BFW®, has an exceptional weight/strength ratio (10 times lighter than a pulley), designed for a heavy static load.

1902011510	BF 14-10
1903012015	BF 20-14
1904012520	BS 28-20

Page 20



Textile Hook-Block® - *New 2020*

HB®, is the lightest and strongest removable sheet control solution.

4102010008	SB 14
4103010010	SB 20

Page 21



Nodus friction ring® - *New 2020*

Fr®, the Nodus Factory® friction ring is self-lubricating, very light, reliable and strong.

4100000010	FR 10
4100000014	FR 14
4100000020	FR 20

Sheathed loop *High load®*



Product Name	Breaking load	Ø Line	Lenght					Ø interne
	Basket	R2	XS	S	M	L	XL	Sheave pulley
	Kg	mm	cm	cm	cm	cm	cm	mm
L 2.5 HI	2000	3.5	14	16	19	22		20
L 3 HI	3800	4.5		16	19	22		30
L 4 HI	6300	6.5		16	19	22	28	40
L 5 HI	8000	7.5			19	22	28	50
L 6 HI	9500	9.5			19	22	28	60



Loop HL® → Multi-purpose coated loop

The High Load **Loop®** made of Dyneema® R2 is a textile ring for heavy loads, ideal as a soft shackle.

- The specific feature of this product is that it is both a core and a sheath.

Use

- ❑ Textile fastener for pulleys on sheet rail, toe rail, on boom and spars (spinnaker pole, jib boom, etc.), link between backstay and running backstay and the hoist pulleys
- ❑ Ideal for pulleys to be strapped and low-friction rings used as "hauling pulleys"
- ❑ Very light, excellent resistance to tension and breakage

Advantages

- ❑ The flexibility of textile ensures that the work is in the axis of the forces
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ Reliable and maintenance free

Specifications

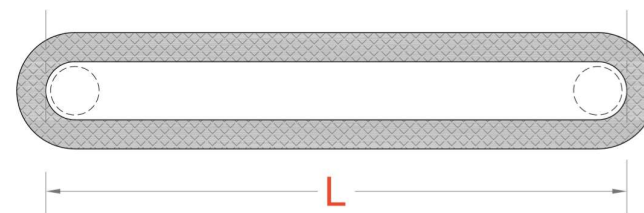
- ❑ Textile loop, core and sheath 100% Dyneema® R2 12fx pre-stretched, coated → Light grey/black
- ❑ Strength certified by Veritas

Nodus and tricks

- Optimize your loop by checking the size of the sheave, the SWL or the BWL of your pulleys!

Options « System Block® s » To use on rings, halyard and listening (see tutorial Youtube Nodus Factory)

- System Block → Thermoplastic TPE flexible



Textile Loop with cover *Protect Coating®*



Product Name	Breaking Load	Ø Line	Length				Ø interne
	Basket	R2	XS	S	M	L	Sheave pulley
	Kg	mm	cm	Cm	cm	cm	mm
Ls 2 HI	2000	3	7	20	22		20-30
Ls 3 HI	3800	3.5	9	20	22		30-40
Ls 4 HI	6300	4	11	20	22	26	40-50



Ls HL® – **Multi-purpose textile loop with cover**

The High Load Loop® made of Dyneema® R2 is a soft loop for heavy loads, ideal as a semi-rigid heavy-load fastener.

- The specific feature of this product is that it is manufactured with a protective oversheath made of Dyneema® and Protect Coating Polymer®

Use

- ❑ Very light, resistant to tension and breakage
- ❑ Textile fastener for toe rail, on boom and spars (spinnaker pole, jib boom, etc.) backstay and running backstay on metal deck plate.

Advantages

- ❑ The protect coating...
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ Reliable and maintenance free

Specifications

- ❑ Textile loop, core 100% Dyneema® R2 12fx pre-stretched, coated – Light grey/black
- ❑ Textile oversheath in 100% Dyneema R2 32fx Black, coated
- ❑ Protect Coating® treatment - Polymer hardener
- ❑ Strength certified by Veritas

Nodus and tricks

- The Protect Coating® increases the rigidity of the loop strap and its chafe resistance.
- Fastening in the basket, use the Block® rings for holding the strands

Option

The Block® rings are clamping and holding rings, for low friction rings, on Nodus Factory textile loops and with Nodus Factory shackles.

- System Block ring – Flexible TPE thermoplastic



Loop & Ring "Textile loop with ring"



LR® – Textile loop with friction ring

LR® is a loop made of Dyneema® R2 with a low-friction ring.

- This textile loop is easily fixed on the deck plates and toe rail and, using the Nodus friction ring can haul all adjusting ropes.

Use

- ❑ Equipment which easily replaces a pulley and can handle heavy static loads.
- ❑ For quick and easy fastening between two elements: mainsail foot, mast foot haulers, barber-hauler, in-hauler, lazy-jack, lazy-bag, hoist 2/1, etc.

Advantages

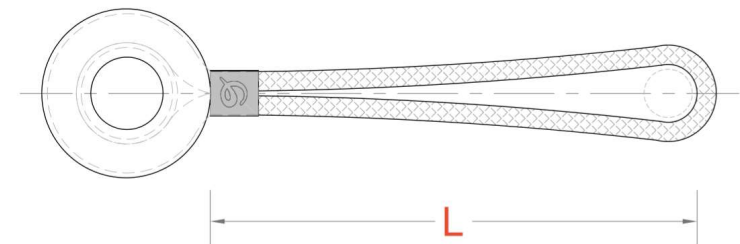
- ❑ The flexibility of textile ensures that the work is in the axis of the forces
- ❑ Easy to install – Fastening – lark's head knot
- ❑ Easily replaces a pulley on a deck plate or a Pad-eye
- ❑ Rotation over 360°
- ❑ Excellent weight/strength ratio
- ❑ Reliable and maintenance free

Specifications

- ❑ Textile loop, 100% Dyneema® R2 12 fx pre-stretched, coated – Light grey / black
- ❑ Low-friction ring made of Polyacetal - POM – black
- ❑ Splice stitched in Dyneema®
- ❑ System Block ring finished in – Flexible TPE thermoplastic
- ❑ Strength certified by Veritas

The Block® rings are clamping and holding rings, for rings with low friction, on textile loops and with Nodus Factory shackles.

Product Name	Safe working Load	Ø Line	Lenght	Ø Interne	Ø Rope Recommended
	SWL Lark's head knot	R2	Straight	Ring	Haliard/Listening
	kg	mm	cm	mm	mm
LR 3	1300	3	9	10	4/6
LR 4	2100	4	11	14	8/10
LR 6	3400	6	14	20	12/14



Violin Ring®



Product Name	Breaking Load	Lenght	Ø Interne	Ø Rope Recommended
	Line		Ring	Halyard/Listening
	Kg	cm	mm	mm
BF 14-10	1500	7	14/10	4/8
BF 20-14	3000	10	20/14	6/10
BF 25-20	5000	13	25/20	10/14



Block-Friction® ~ Violin ring system

BF®, the Block-Friction® violin ring – has an exceptional weight/strength ratio (10 times lighter than a pulley), designed for a heavy static load.

- The Friction Blocks can be used to make vang or mainsail 3:1 or 4:1 hoists on dinghies, as well as Cunningham adjustment hoists, or clew hoists on larger vessels.

Use

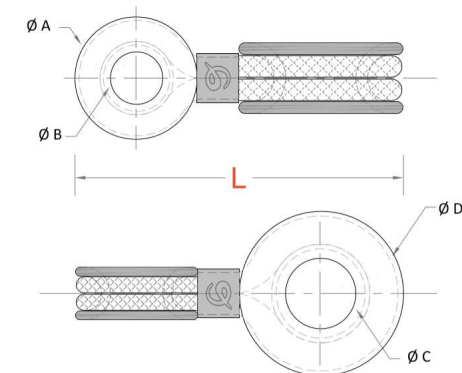
- ☐ Bobstays
- ☐ 3D adjustment forward sail
- ☐ Hoists (mainsail, vang, running backstay,...etc)
- ☐ Double sheet hauler
- ☐ Pendant

Advantages

- ☐ Weight/strength ratio
- ☐ Performance, lightness and reliability
- ☐ Reliable and maintenance free

Specifications

- ☐ Nodus Factory low-friction ring™ made of Self-lubricating technical plastic resin ~ black
- ☐ Block®, clamping and holding ring, made of technical PA, which can lock and quickly fix a low-friction ring.
- ☐ Loop textile®, core and sheath made of 100% Dyneema® R2 12fx pre-stretched, coated ~ Light grey / black



Opening friction ring®



www.nodusfactory.com



www.nodusfactory.com

Product Name	Safe working Load	Lenght	Ø Intern	Ø Rope Recommended	Sail Area
	Direct		Ring	Haliard/Listening	40 nds
	Kg	cm	mm	mm	M2 ≥45°
TH 14	900	5	14	6/10	75
TH 20	1200	7	20	10/14	120



www.nodusfactory.com



www.nodusfactory.com



www.nodusfactory.com

Textile Hook® friction – Opening ring

TH®, the Textil Hook opening friction ring is the lightest and strongest removable sheet control solution.

- Can control and haul sheets under tension.
- This opening friction ring is easy to position under the rope and its textile attachment system prevents any opening under load

Use

- ❑ Enables rope to be quickly passed in any situation
- ❑ Barber, in-haulers or spare pulley
- ❑ Can be installed anywhere or on the deck
- ❑ Hoist (mainsail, vang, running backstay,...etc)

Advantages

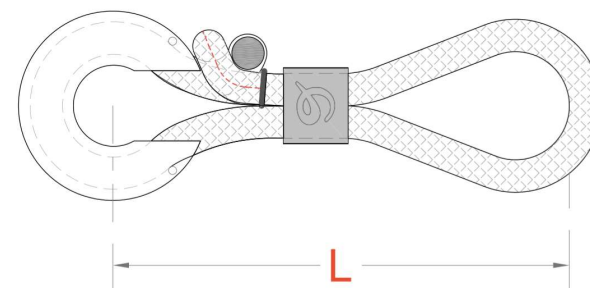
- ❑ Opening friction ring system, mobile and versatile
- ❑ Weight/strength ratio
- ❑ Performance, lightness and reliability
- ❑ Reliable and maintenance free

Specifications

- ❑ Nodus Factory opening friction ring made of Self-lubricating technical plastic resin – black
- ❑ Block®, clamping and holding ring, made of technical PA, which can lock and quickly fix a low-friction ring.
- ❑ Loop textile®, core and sheath made of 100% Dyneema® R2 12fx pre-stretched, coated – Light grey / black

Nodus and tricks

- Used at the foot of the mast, the Snatch-Block enables fast movement
- Prefer Textile Snatch block friction in deck plan because it works in horizontal position



Friction ring®



Product Name	Safe working Load	Ø A	Ø B	Ø C	Ø D	Ø Rope Recommended	Weight
	SWL					Halyard/Listening	
	Kg	mm	mm	mm	mm	mm	gr
Fr 10	700	7	10	12	24	4/6	2
Fr 14	1000	10	14	16	34	6 /10	4
Fr 20	1500	14	20	22	49	10/16	16



Nodus Friction ring® – Friction ring

Fr®, the Nodus Factory® friction ring is self-lubricating, very light, reliable and strong.

- The Nodus friction ring is used in numerous applications and for all types of rope.

Use

- ❑ Mast foot, in-hauler.
- ❑ Barber, in-haulers or as spare pulley
- ❑ Hoists (mainsail, vang, running backstay,...etc)

Advantages

- ❑ Treated with MoS2, mechanical lubricant
- ❑ Weight/strength ratio
- ❑ Performance, lightness and reliability
- ❑ Reliable and maintenance free

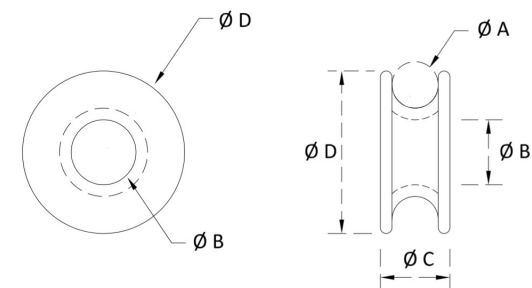
Specifications

- ❑ Friction ring material in Self-lubricating technical plastic resin – MoS2 self-lubricating – black

Nodus and tricks

Create the deck plan under your control!

- Block-Loop®, textile with core and sheath made of 100% Dyneema® R2 12fx pre-stretched, coated – Light grey / black
- Block®, clamping and holding ring, made of technical PA, which can lock and quickly fix a low-friction ring.



Strops

Our soft strops are made of Dyneema® R2 12 fx pre-stretched and coated – Light grey / black, ready for splicing onto halyards and sheets.

Page 23



Quick carabiner

E T-close® is a quick-opening, very lightweight shackle

1303010610	E T-c3 s
1305010610	E T-c5 s
1306010610	E T-c6 s
1308010610	E T-c8 s

Page 27



Universal eye on strop®

E Œil® is a universal soft strop for connecting shackles, loops, etc...

1303010000	E Eye 3
1304010000	E Eye 4
1305010000	E Eye 5
1306010000	E Eye 6
1307010000	E Eye 7

Page 24



Snap shackle *High Load*®

E T-bône® is a rapid-opening, very lightweight shackle

1303010006	E T-b6 c
1304010008	E T-b8 c
1305010010	E T-b10 c
1306010012	E T-b12 c
1307010014	E T-b14 c

Page 25



Snap shackle for spinnaker

E T-sail® is a textile snap shackle with a "dog bone" ending T-sail is fitted on a strop ready to splice directly onto the sheet.

1302010050	E T-sail 5
1303010060	E T-sail 6
1305010060	E T-sail 7

Page 26



Carabiner releasable under load

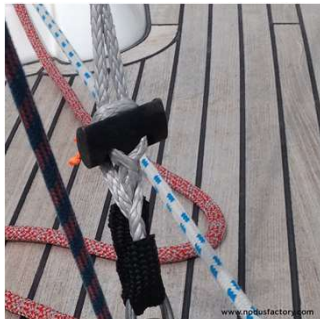
E T-drop® is a trigger snap-shackle for spinnaker, gennaker, code 0, light wind sail sheets, etc...

1304010012	E T-d12 c
1306010016	E T-d16 c

Quick carabiner « Snap shackle »



Product Name	Breaking Load	Ø Line	Ø Rope Recommended	Length strop	Weight	Sail Area
	Direct	R2	Halyard/Listening	Straight		40 nds
	Kg	mm	mm	cm	gr	m2
E T-c3 c/s	700	3	6/8	60	8	15/30
E T-c5 c/s	1750	5	8/10	75	24	30/50
E T-c6 c/s	2500	6	10/12	90	40	50/70
E T-c8 c/s	3600	7	12/14	105	62	70/100



E T-close® – Carabiner Snap shackle

The **T-close carabiner** snap-shackle on ready-to-use strop is easy to use, quick to open and very lightweight. The soft loop can be hooked directly into the clew or tack

Use

- ❑ E T-close – Carabiner Snap shackle on strop, for attaching onto sheet or halyard
- ❑ Multi-purpose Carabiner snap-shackle for rapidly connecting two parts: Halyards, jib and gennaker sheets, reefers, bracing, mainsail foot, furlers, etc.
- ❑ Easy to use – Closing Cap knot® Quick opening
- ❑ Reliable, maintenance-free

Advantages

- ❑ Flexible soft shackle, to ensure perfect in-axis loading
- ❑ Very UV-resistant
- ❑ Excellent chafe resistance
- ❑ Corrosion-free
- ❑ No damages to decks

Specifications:

- ❑ T-close Shackle – Glass-fiber reinforced PA
- ❑ Textile strop, 100% Dyneema® R2 pre-stretched, coated – Light grey / black
- ❑ Finish – C without oversheath – CS with black Dyneema oversheath (replaceable)
- ❑ Easy opening (orange thread)
- ❑ Resistance certified by Veritas

Quick shackle *High load*®



Product Name	Breaking Load	Ø Line	Lenght Strop	Ø Rope Recommended	Shackle	Sail Area
	Strop	R2		Halyard/Listening	Connector	40 nds
	Kg	mm	cm	mm	Reference	m2
E T-b6 c/s	900	3	60	6/8	M 6	80/100
E T-b8 c/s	1800	4	75	8/10	M 8	100/140
E T-b10 c/s	2800	5	90	10/12	M 10	140/180
E T-b12 c/s	3900	6	100	12/14	M 12	180/240
E T-b14 c/s	5900	7	110	14/16	M 14	240/300



E T-bône® – Quick shackle *High Load*®

The Strobe **T-bône** quick-shackle on ready-to-use strop is easy to use, quick opening and very lightweight.

- The soft loop can be hooked directly into the clew or tack

Use

- ❑ E T-bône – Quick shackle on strop, for attaching onto sheet or halyard
- ❑ Multi-purpose quick-shackle for quickly connecting two parts: Halyards, jib and gennaker sheets, reefers, bracing, mainsail foot, furlers, etc.
- ❑ Easy to use – Closing Cap knot® – Quick opening
- ❑ Reliable, maintenance-free

Advantages

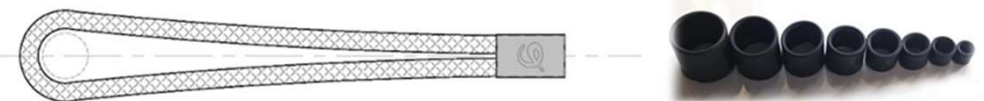
- ❑ Flexible, multi-purpose, soft shackle, to ensure perfect in-axis loading
- ❑ Very UV-resistant
- ❑ Excellent chafe resistance
- ❑ Corrosion-free
- ❑ No damage to decks

Specifications:

- ❑ T-bône® shackle, made of Titanium TI 6 “Eco Ti”
- ❑ Textile strop, 100% Dyneema® R2 pre-stretched, coated – Light grey / black
- ❑ Finish – C without oversheath – CS with black Dyneema oversheath (replaceable)
- ❑ Easy opening (orange thread)
- ❑ Resistance certified by Veritas

The Block® rings are clamping and holding rings, for rings with low friction, on textile loops and with Nodus Factory shackles.

- System Block® rings – Flexible TPE thermoplastic



Snap shackle for spinnaker®



www.nodusfactory.com



www.nodusfactory.com

Product Name	Safe working Load	Ø rope	Strop length	Ø rope	Ø T-sail	Weight	Sail Area
	SWL Connector	R2	Droite	Halyard	useful		40 nds
	Kg	mm	cm	mm	mm	gr	m2
E T-sail 5	500	4	60	6/8	35	8	40/60
E T-sail 6	850	5	75	8/10	40	24	60/90
E T-sail 7	1350	6	90	10/12	45	34	90/140



www.nodusfactory.com



www.nodusfactory.com



www.nodusfactory.com

E T-sail® – Snap shackle for spinnaker

E T-sail is a textile snap shackle with a T-sail "dog bone", fitted on a strop ready to be spliced directly onto the sheet.

- Very easy to install by splicing onto a sheet with a core made of hollow braid.

Use

- ❑ Snap shackle designed for headsail and downwind sheets
- ❑ Quick connection between the sail and the sheet, is used with the Textile-Block®
- ❑ Ultra-fast opening and locking system fixed directly on the sail with the System Block® ring
- ❑ Reliable and maintenance free

Advantages

- ❑ Very light, resistant to tension and breakage
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ No corrosion
- ❑ Does not damage the deck

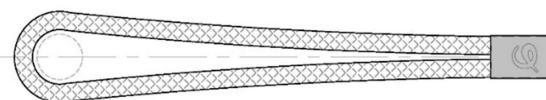
Specifications

- ❑ T-sail ® fastener, Pa Tech black
- ❑ Rope 100% Dyneema® R2 pre-stretched, coated – Light grey/black
- ❑ Strength certified by Veritas

Option

- ❑ Textile-Block attachment system specially designed for the clew (ring, strap, etc.)

- The textile block is a small loop made of Dyneema delivered with a System Block locking ring



Trigger snap-shackle



Product Name	Breaking Load	Ø Rope	Ø Rope	Length	Weight	Sail Area
	Connector	strop	Halyard/Listening	Connector		40 nds
	Kg	mm	mm	cm	gr	m2
E T-d12	800	4	8/10	9	14	75/90
E T-d16		5	10/12	12	28	90/130



E T-drop® – Trigger snap-shackle

The **T-drop®** trigger snap-shackle on splicable strop is designed for downwind sail sheets, requires no opening pinch, is easy to use and very lightweight.

Use

- ❑ Snap shackle that can be opened under load, for quick connection between two elements: Sails, genoa, spinnaker, gennaker, sheets, spinnaker arm return, in-hauler, etc.
 - Fastening on the sail → The Pelican hook is placed directly in the clew or halyard or through the intermediary of a Textile-Block®
 - Closure of the snap shackle → Push the locking ring, secure with the pin
 - Release under load → Withdraw the safety pin, pull on the locking ring
- ❑ Reliable and maintenance free

Advantages

- ❑ Release under load, does not get locked
- ❑ Possibility of placing a release line
- ❑ No oxidation
- ❑ Does not damage the decks

Specifications

- ❑ T-drop® fastener → Glass-fibre reinforced PA
- ❑ Rope 100% made of Dyneema® R2 pre-stretched, coated → Light grey/black
- ❑ Locking secured under load and when not loaded by the pin
- ❑ Strength certified by Veritas

Option

- ❑ Textile-Block attachment system specially designed for the clew (ring, strap, etc.)
 - The textile block is a small loop made of Dyneema delivered with a System Block locking ring

Universal eye on strop®



Product Name	Breaking load	Ø Rope	Strop Length	Ø Eye	Ø Rope	Sail Area
	strop	R2	Straight	Useful	Halyard/Listening	40 nds
	Kg	mm	cm	mm	mm	m2
E Œil 3	900	3	50	25	6	25/40
E Œil 4	1800	4	60	30	8	40/60
E Œil 5	2800	5	75	35	10	70/90
E Œil 6	3900	6	90	40	12	90/130
E Œil 7	5900	7	105	45	14	130/180



E Œil® - Universal eye on strop

The **eye** strop is a universal soft strop, ready to be used, designed to quickly attach shackle, snap-shackle, etc.

The strop can be spliced directly to the halyard or sheet core, see tutorial

Use

- ☐ E Œil → Textile universal eye strop ready for attaching onto halyards or sheets
- ☐ Multi-purpose eye strop for quick connection to shackle, snap-shackle, low-friction ring, etc.
- ☐ Easy to use → Choker → Rapid connector
- ☐ Reliable, maintenance-free

Advantages

- ☐ Flexible multi-purpose soft shackle, to ensure perfect in-axis loading
- ☐ Very UV-resistant
- ☐ Excellent chafe resistance
- ☐ Corrosion-free
- ☐ No damage to decks

Specifications:

- ☐ Strop, 100% Dyneema® R2 pre-stretched, coated → Light grey / black
- ☐ Resistance certified by Veritas



Dyneema® Strap & Boom strap

Our sheathed High Load® loops are made of Dyneema® R3, and are shaped as sewn tubes..

Page 27



Loop strap High Load®

SL® is a sheathed textile loop, specially designed for heavy loads.

SMALL	MEDIUM	LARGE	
1803010100	1803010200	1803010300	SL3 HL
1804010100	1804010200	1804010300	SL4 HL
1805010100	1805010200	1805010300	SL5 HL
1806010100	1806010200	1806010300	SL6 HL

Page 28



Multi-purpose shackle strap High Load®

SM® is a soft shackle for heavy loads.

SMALL	MEDIUM	LARGE	
1802020106	1802020206	1802020306	SM6 HL
1803020108	1803020208	1803020308	SM8 HL
1804020110	1804020210	1804020310	SM10 HL
1805020112	1805020212	1805020312	SM12 HL
1806020114	1806020214	1806020314	SM14 HL

Page 29



Boom strap® "Lashing"

Sc® is a "tie" strap for fixing the clew of a mainsail with free edge to the boom.

1111031202	Sc 2
1111031103	Sc 3
1111030104	Sc 4
1111030205	Sc 5

Page 30



Adjustable boom strap

S® adjustable boom strap fitted with a protective oversheath

1101011003F	S3 F
1101011003G	S3 G
1101011005H	S3 H
1101011005I	S3 I

Loop strap high load®



Product Name	Breaking Load	Ø Rope	Length Straight					Ø Pulley Sheave
	Basket	R3	XS	S	M	L	XL	
	Kg	mm	cm	cm	cm	cm	cm	mm
SL 2.5 HI	3000	3/6	14	16	19	22		20
SL 3 HI	9500	4/7		16	19	22		30
SL 4 HI	5500	6/8		16	19	22	28	40
SL 5 HI	12500	7/10			19	22	28	50
SL 6 HI	14000	8/12			19	22	28	60



SL HL® – Coated Loop strap® High Load

The High Load coated loop strap **SL**® made of Dyneema® R3 is a sheathed textile loop, specially designed for heavy loads.

- The specific feature of this product is that it is a flat shape, for a better distribution of load and shear forces.

Use

- ❑ High load textile fastener strap, very strong for strap pulleys.
- ❑ Ideal as a fastener for running backstay links, stays, etc., with optional Protect Coating treatment.

Advantages

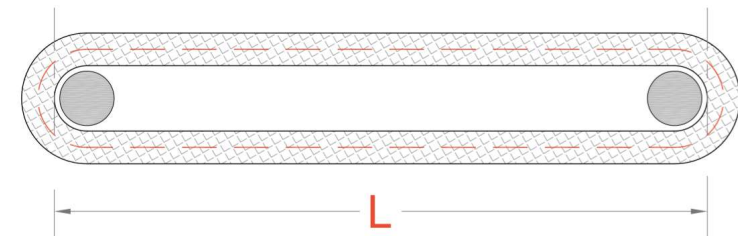
- ❑ Easy to install – Fastening – lark's head knot
- ❑ Advantageously replaces knots and lashing to connect pulleys, rings, etc.
- ❑ Resistant to abrasion and to UV
- ❑ Reliable and maintenance free

Specifications

- ❑ Stitched high load textile loop, core and sheath 100% Dyneema® R3 12fx pre-stretched, coated – Light grey/black
- ❑ Strength certified by Veritas

Option

- The Protect Coating® increases the rigidity of the loop strap and its chafe resistance.



Multi- purpose shackle strap®



Product Name	Breaking Load	Ø Rope	Length Loop closed			Ø Pulley Sheave
			S	M	L	
	Basket	R3	S	M	L	
		mm	cm	cm	cm	mm
SM 6 HI	3900	4/9	4.5	8.5	10	15/30
SM 8 HI	4800	5/10	4.5	8.5	10	30/40
SM 10 HI	8500	7/13	4.5	9.5	11	40/50
SM 12 HI	10000	9/15	6	10.5	12	50/60
SM 14 HI	12000	10/22	6	10.5	12	60+



SM HL® - Coated shackle strap *High Load*

SM®, is a multi-use *high load* shackle strap made of Dyneema® R3 specially designed for heavy loads.

- The specific feature of this product is that it is a flat shape, for a better distribution of load and shear forces on the pulley

Use

- ❑ *High load* textile shackle strap, multi-use, ideal as a fastener
- ❑ Easy-to-use - Closure with Cape Knot® - Quick opening even after heavy load
- ❑ Reliable and maintenance free

Advantages

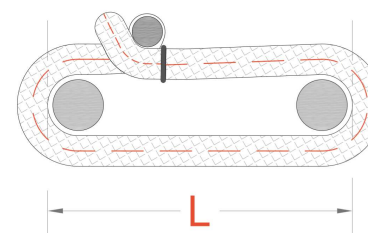
- ❑ Textile soft shackle, which ensures that the work is in the axis of the forces
- ❑ Secured locking under load and at no load
- ❑ Highly resistant to UV
- ❑ Excellent resistance to chafing
- ❑ No corrosion
- ❑ Reliable and maintenance free

Specifications

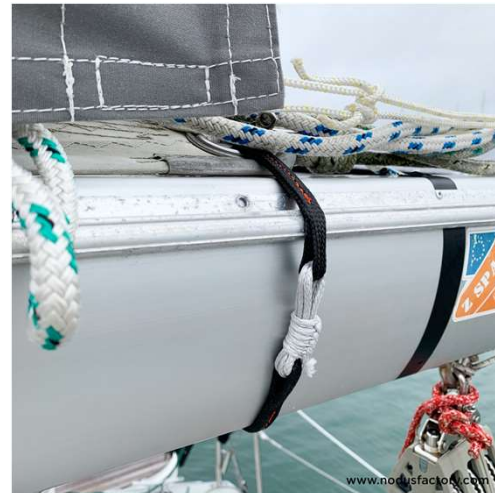
- ❑ T-bone fastener - T-bone fastener® is made of Titanium TI 6 "Eco Ti" locking part, several sizes available
- ❑ Stitched textile shackle, core and sheath 100% Dyneema® R3 12fx pre-stretched, coated - Light grey/black
- ❑ Strength certified by Veritas

Option

- The Protect Coating® increases the rigidity of the shackle strap and its chafe resistance.



Boom strap® « Lashing »



Product Name	Safe working Load	Boom height	« Lashing » Rope	Adjustable Loop	Sail Area
	Basket	Straight	R2	L straight	40 nds
	kg	cm	mm	Max cm	m2
Sc 2	500	8	3	20	10/30
Sc 3	1000	12	3	30	30/60
Sc 4	1500	16	5	40	60/80
Sc 5	2000	20	5	50	80/100



SC® – Adjustable boom strap

SC®, is a "tie" strap for fixing the clew of a mainsail with free edge to the boom.

➤ Fastening adjustable with lashing provided in Dyneema®

Use

- ❑ Textile "tie" strap fastener for fixing the clew of a mainsail with free edge on the boom
- ❑ Loop adjustable by the provided lashing; closure locked by at least 3 half hitches.

Advantages

- ❑ Easy to install and open, even after a heavy load
- ❑ Locking secured under load and at no load
- ❑ Reliable and maintenance free

Specifications

- ❑ Stitched strap 100% Dyneema® R2 32 fx pre-stretched, coated – black
- ❑ Ended by a structural eye – stitched
- ❑ Strength certified by Veritas

Adjustable boom strap®



Product Name	Safe working lead	Boom height	Ø Rope	Adjustable Loop	Sail Area
	Basket	Straight	R2	L straight	40 nds
	kg	cm	mm	Max cm	m2
S3 F	750	12	3	55	30
S3 G	750	16	3	72	30
S5 H	1900	20	5	90	50
S6 I	2600	25	5	110	70



S T-close® - Adjustable boom strap

S T-close®, adjustable boom strap fitted with a protective oversheath.

Use

- ❑ Textile fastener, adjustable “tie” strap for fixing the clew of a mainsail with free edge on the boom
- ❑ Adjustable loop, slide the T-close fastener, lock with the Grip Knot

Advantages

- ❑ Easy-to-use → Closure → Grip Knot®, adjustable & fast
- ❑ Easy to install and open, even after a heavy load
- ❑ Secured locking under load and at no load
- ❑ Reliable and maintenance free

Specifications

- ❑ T-close fastener → Mobile locking part, several sizes available
- ❑ Rope 100% Dyneema® R2 12 fx pre-stretched, coated → Light grey/black
- ❑ Oversheath 100 % polyester, coated → Black or white
- ❑ Structural ending, glued and crimped
- ❑ Strength certified by Veritas

Plug & Sail™ « Range of multi-purpose textile® connectors, fast and intuitive for friction rings »

Page 34



Textile strope connector for friction ring

Textile Lock®, is a textile connector with an adjustable eye, designed to quickly and safely fix low-friction rings.

SMALL	MEDIUM	LARGE	
4304010100	4304010200	4307010300	Lock 4
4305010100	4305010200		Lock 5
4307010100	4307010200		Lock 7

Page 35



Textile connector Block-Loop

BL®, loop *High load* textile connector.

SMALL	MEDIUM	LARGE	X LARGE	HL
1903010115	1903010204	1903010315		BI 14
	1904010220	1904010320		BI 20
			1904010425	BI 28

Page 36



Textile connector Block-Shackle

BS®, friction is a coated textile shackle designed for low-friction rings.

1906010110	BS 10 HI
1908010215	BS 14 HI
1910010220	BS 20 HI
1912010225	BS 28 HI

Page 37



Textil Snatch block friction - *New 2020*

SB®, friction is a textile pulley, opening with sheave and friction roller of the Plug & Sail range.

1903010015	SB 3 friction
1904010020	SB 5 friction

Textile strop connector for ring



Product Name	Breaking Load	Ø Rope	Ø Eye	Straight length		
				S	M	L
	Basket	R2	Max	cm	cm	cm
	Kg	mm	mm	cm	cm	cm
Lock 4	3900	4 mm	30	10	20	
Lock 5	4800	5 mm	40	10	20	
Lock 7	8200	7 mm	45	12	20	30



Lock® – Fastener with adjustable eye

The **Lock®**, is a textile fastener with an adjustable eye, designed to quickly and safely fix low-friction rings.

- Ideal for reefing on mainsail

Use

- ❑ Textile quick fastener with adjustable eye for low-friction ring of different size (see table)
- ❑ Fastening in basket double strand or in lark's head single strand

Advantages

- ❑ Does not requires splicing to attach a ring
- ❑ Only strop with adjustable eye and with positive safety for sailing
- ❑ Easy to use, reversible → Symmetric loop → Adjustable on both sides
- ❑ UV and abraision Resistant
- ❑ Reliable and maintenance free

Specifications

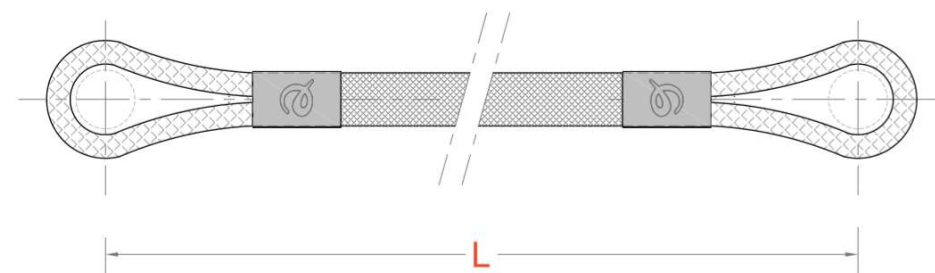
- ❑ Strop ending with eye, 100% Dyneema® R2 12 fx pre-stretched, coated → Light grey / black
- ❑ Zippable sheath (lock) 100% Dyneema® R2 48 fx → Black
- ❑ Strength certified by Veritas

For low-friction ring of Ø /mm

Lock 4 → Ø ring 20 / 25 / 30 → Length of strop 10 cm → 20 cm

Lock 5 → Ø ring 30 / 35 / 40 → Length of strop 10 cm → 20 cm

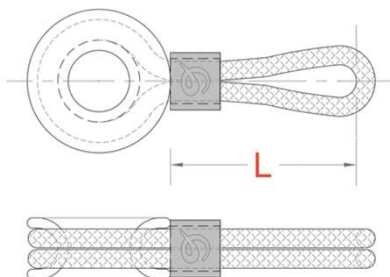
Lock 7 → Ø ring 40 / 45 / 50 → Length of strop 10 cm → 20 cm → 30 cm



Textile connector block-loop®



Product Name	Breaking Load	Length				Ø Internal	Ø Rope
	Loop in basket					Ring	Recommended
	Kg	S	M	L	XL	mm	mm
BL 14 friction	3800	4	5	7		14	6/8
BL 20 friction	6300		5	7		20	8/12
BL 28 friction	8000				7	28	12/14



Block-loop® friction – Friction ring & loop®

The **Block-loop®** friction, is a coated textile loop designed for a low-friction ring.

- It may be delivered with or without friction ring and is a product of the range *Plug and Sail™*

Use

- ❑ Textile loop for rings, easy to use and designed for a heavy static load
- ❑ To guide, deflect and haul any ropes, sheets for genoas, spinnakers, drum bosses barber-hauler and cascading backstay and many other applications.
- ❑ Ideal for the tack on an asymmetric spinnaker

Advantages

- ❑ Requires no splicing, easy and quick to install
- ❑ The Block® ring holds the textile strands parallel to uniformly and optimally distribute the working loads on the ring.
- ❑ Coated textile loop, resistant to chafing and UV
- ❑ Reliable and maintenance free

Specifications

- ❑ Loop®, core and sheath made of 100% Dyneema® R2 12fx pre-stretched, coated – Light grey / black
- ❑ Block®, clamping and holding ring, made of flexible TPE thermoplastic which can quickly lock and fix a low-friction ring.
- ❑ Nodus Factory low friction ring™ made of Self-lubricating technical plastic resin – black or partner product made of hard anodised aluminium – colour black

Nodus and tricks

- You can use the Block-loop to strap your pulleys.
- Check the breaking load of the rings used

The Block® rings are clamping and holding rings, for pulleys and rings with low friction, on textile loops and with Nodus Factory shackles.



Textile connector block-shackle®



www.nodusfactory.com



www.nodusfactory.com

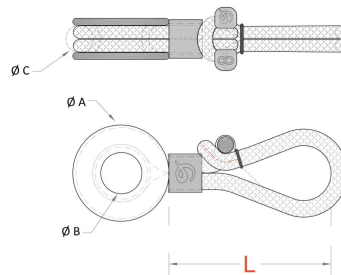
Product Name	Breaking load	Ø Rope	Length	Ø Internal	Ø Rope
	Shackle	R2	Closed	Ring	Recommended
Friction	Kg	mm	cm	mm	mm
BS 10 HI	2900	4/9	9	10	6/8
BS 14 HI	3600	5/10	10	15	8/12
BS 20 HI	6000	7/13	11	20	12/14
BS 28 HI	6700	9/15	12	25	14/16



www.nodusfactory.com



www.nodusfactory.com



Block-shackle® friction – Friction ring & shackle

The **Block-shackle®** friction is a coated textile shackle designed for low-friction rings.

- It may be delivered with or without friction ring and is a product of the range *Plug and Sail™*

Use

- ❑ Textile shackle for rings, easy to install and designed for heavy static loads
- ❑ To guide, deflect and haul any ropes, sheets for genoas, spinnakers, drum bosses barber-hauler and cascading backstay and many other applications.
- ❑ An ideal product if you wish to quickly move your point of attachment and hauling

Advantages

- ❑ Requires no splicing, easy and quick to move
- ❑ The Block® ring holds the textile strands parallel to uniformly and optimally distribute the working loads on the ring.
- ❑ Coated textile shackle resistant to chafing and UV
- ❑ Reliable and maintenance free

Specifications

- ❑ T-bône® fastener, Titanium TI 6 "Eco Ti"
- ❑ Shackle®, core and sheath made of 100% Dyneema® R2 12fx pre-stretched, coated – Light grey / black
- ❑ Block®, clamping and holding ring, made of flexible TPE thermoplastic which can quickly lock and fix a low-friction ring.
- ❑ Nodus Factory low friction ring™ made of Self-lubricating technical plastic resin – black or partner product made of hard anodised aluminium – colour black

Nodus and tricks

- Use the Block-shackle for your strap pulleys.
- Check the breaking load of the rings used

The Block® rings are clamping and holding rings, for pulleys and rings with low friction, on textile loops and with Nodus Factory shackles.

Textile Snatch Block®



Product Name	Breaking Load	Length	Ø Internal	Ø Rope	Sail Area
	Basket	Close	Ring	Recommended	40 nds
	Kg	L	mm	mm	M2 ≥45°
SB 3 friction	750	7	14	4/6	30
SB 5 friction	1950	9	20	6/8	80



Snatch Block® → opening pulley

SB® friction is a textile pulley, opening with sheave and friction roller of the Plug & Sail range.

Composition

The textile snap block® friction is delivered:

- With a sheave (low-friction ring) and its Nodus Factory roller axis
- The shackle® tightening sheath of the snap shackle

The Snatch Block® friction opening pulley is easy to install and is quick and very easy to use.

Use

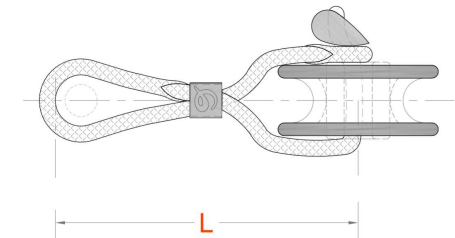
- ❑ Opening roller pulley, designed to adjust, deflect and haul any rope flush with the deck, etc.
- ❑ Easy to use for efficient and rapid manoeuvres → Closure → Cape knot® → Rapid opening even after heavy load
- ❑ Reliable and maintenance free

Advantages

- ❑ The T-lock® friction enables fastening and quick opening to release the rope from the sheave of the friction ring
- ❑ The Lock® locking sheath enables good grasping and quick and efficient locking

Specification

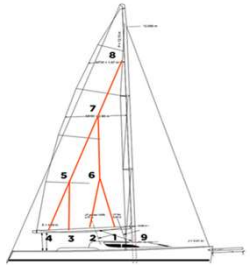
- ❑ T-close® fastener → Glass-fibre reinforced PA
- ❑ T-lock® snap shackle, rope 100% dyneema R2 core and oversheath pre-stretched, coated and stitched → Light grey / black
- ❑ Lock®, safety locking system in Dyneema® 48fx R2 coated and anti-chafe
- ❑ Nodus Factory sheave and low-friction ring™ made of Self-lubricating technical plastic resin → black or partner product made of hard anodised aluminium, colour black



Comfort & Mooring

For your onboard comfort; soft shackles and cleats, deck fittings and all sorts of ideas for onboard well-being both on at sea and moored

Page 31



Custom Lazy-jack®

Complete adjustable Lazy-jack system



Page 32



Adjustable cleat for lazy & cover

Lazy-jack blocker **T-lazy®**

3103010120	T-I3 C
3103010110	T-I3 R

Page 33



Adjustable fender cleat

Fender blocker **E T-bat®**

1903010015	T-b8
1904010020	T-b10

Page 34

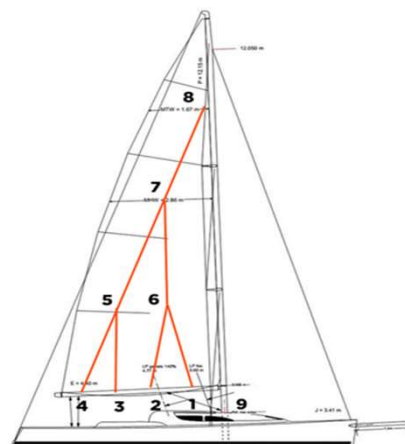
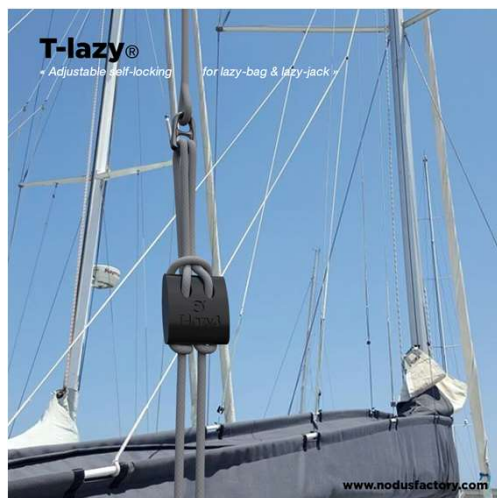


Comfort cushion

Lab One® → Bean-bag

2300000300	Lab-one without carabiner fixing
2300000303	Lab-one with carabiner fixing

Custom lazy-jack®



Exemple 4 points

Requested information for your order

- 1- Boat brand and model
- 2- Numbers of binding point on your lazy-bag or on the boom
- 3- The chosen options



Lazy-jack® - Customised, ready to fit

The "Nodus Factory" **Lazy-jack** is a system for guiding and holding the mainsail during reefing and lowering.

Custom manufactured in our workshops, it is ready for installation, without splicing.

- Cruising Version ~ Special Lazy Polyester rope ~ Ø 3 mm
- Racing Version ~ Dyneema® R2 rope ~ Ø 3 or 4 mm

Use

- ☐ Adjustable system for holding the mainsail to be installed on eyes or Lazy-jack strap
- ☐ Several versions available: 2 stage/3 stage 4 stage systems
- ☐ Adjustable at the foot of the mast or on the boom by the optional T-lazy cleat. Check the height of the boom

Advantages

- ☐ Delivered complete: cables/rope, rings/pulleys, quick fastening on Lazy-back "Shock cord and assembly instructions"
- ☐ Options:
- ☐ Adjustment on boom ~ T-lazy point (1) x 2 cleat
- ☐ Mast foot haulers ~ point (8/9) x 2

Specifications

- ☐ Cable made of 100% Dyneema® R2 12fx pre-stretched, coated → Light grey / black
- ☐ Low-friction rings made of Shock anodised aluminium or similar ~ see example points (5/6/7)
- ☐ Shock cord for Lazy-jack®, see example fastening points (1/2/3/4)

How to place the eyes (8)

According to the length of the luff (measure P on your sail plan)
The eye must be positioned at approximately 70% of this measurement

See example 4 points: (port & starboard)

- 6 Shock low-friction rings or similar ~ points [5/6/7]
- 6 shock-chord fastening points ~ points [2/3/4]
- 2 complete T-lazy cleat adjustment systems ~ point [1]
- The fastening eyes and the mast cleat are not included, point [8/9]

Adjustable cleat for lazy & cover



Product Name	Ø Rope	Breaking load	Loop adjustment	Weight
	R1 & R2	Rope	Mini/Maxi	
	mm	Kg	cm	gr
E T-I3 C	3 mm	440 kg	45 / 85 cm	18 g
E T-I3 R	3 mm	1100 kg	45/ 85 cm	16 g



E T-Lazy® – Adjustable strop for lazy-jack & cover

E T-lazy, adjustable cleat on strop for lazy-bag, lazy-jack and cover.
for quick and precise adjustment of your lazy systems and covers

Use

- ☐ E T-lazy – Self-locking adjustable cleat – For lazy-bags and lazy-jacks, etc...
- ☐ Replaces cleats and other fixed attachment systems.
- ☐ For quick and precise adjustment of your lazy systems and covers

Advantages

- ☐ Easy to use – Closing – Cap® or Grip® knot, adjustable & quick
- ☐ Replaces knots, clam-cleats and other devices.
- ☐ Adjustable loop, slide the T-lazy cleat and lock with the Cap® or Grip® knot for security.
- ☐ Reliable, maintenance-free

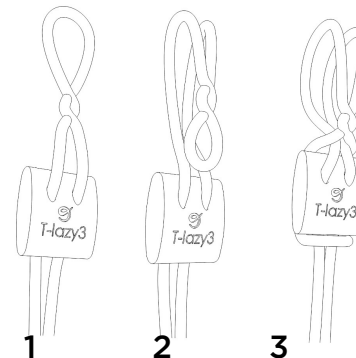
Specifications

- ☐ T-Lazy cleat – mobile cleat in tech PA
- ☐ Cruising ~ Lines 100% coated polyester 12fx – Light grey
- ☐ Racing ~ Lines 100% Dyneema® 12fx coated – Light grey
- ☐ Structural end, can also be used as a loop for taking load – choker attachment

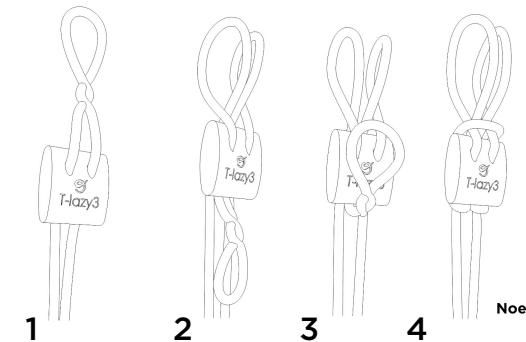
Installation

- Place the loop on the T-Lazy® cleat
- Slide the cleat to the required height, tighten the line, release the line, the system is blocked

Knot Cap®



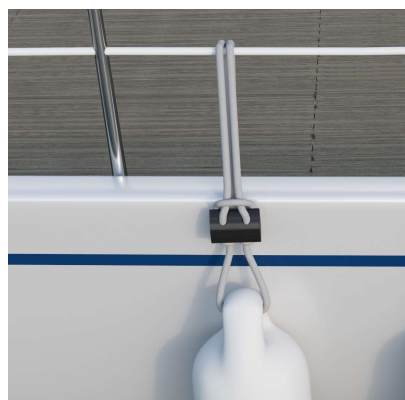
Knot Grip®



Adjustable fender cleat



Product Name	Ø Rope	Breaking load	Loop adjustment	Loop adjustment
	Polyester	Rope	Power boats	Sailing boats
	mm	Kg	cm	cm
E T-b8	6/8	1100	35/75	45/90
E T-b10	8/10	1600	45/85	50/100



E T-bat® – Adjustable strop for fenders

E T-Bat strop, adjustable fender cleat on strop
Permanent device to quickly set and attach your fenders.

Use

- ☐ E T-bat → adjustable strop → for boat fenders
- ☐ Attaches freely to line, balcony or handrail.
- ☐ No knots needed.

Advantages

- ☐ Adjustable strop, slide the T-Bat® cleat and lock with the Cap® or Grip® knot
- ☐ Replaces knots, clam-cleats and other devices.
- ☐ Easy to install and use
- ☐ Reliable, maintenance-free

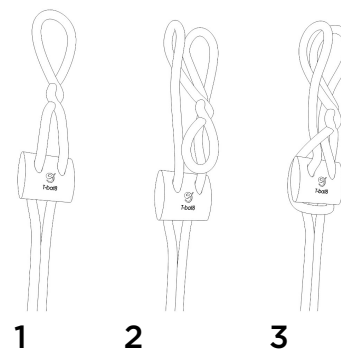
Specifications

- ☐ T-bat® cleat → mobile locking part, in tech PA several sizes available
- ☐ Lines 100% coated polyester → Light grey or black

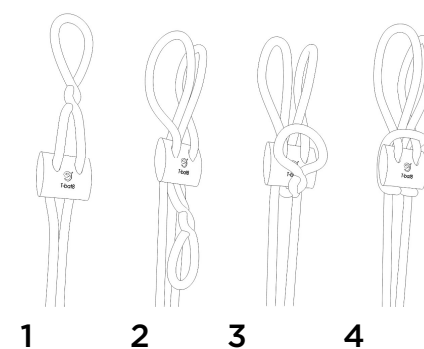
Installation

- Pass the strop around the lifeline
- Cover the T-bat cleat with the loop
- Slide the cleat to the required height, tighten and release the line, the system is blocked

Nœud de Cover®



Nœud de Grip®



Comfort cushion



Product Name	Width	Height	Seat
	cm	cm	cm
Lab One Medium	50	58	37



Lab One® – Cockpit beanbag

Lab One®, Beanbag specially designed for comfortable support when heeling. The pressure applied when sitting compresses the filler to hold up the back support.

Use

- ☐ Comfort beanbag for helmsman and crew member
- ☐ Free fastening on lifeline by snap shackle or Nodus Factory textile shackle

Advantages

- ☐ Comfort: protects from cold and damp in the seated position
- ☐ Stability: supports the lumbar region for better control of the tiller
- ☐ Seated position is maintained even under heel
- ☐ Efficiency: extremely light and contains no metal structure
- ☐ Safety and flotation guaranteed by polystyrene balls

Specifications

- ☐ Seated surface and backrest made of treated acrylic fabric
- ☐ The interior filler consists of water repellent materials
- ☐ Under cover with YKK closure, filled with polystyrene balls
- ☐ Model Lab One® registered by Nodus Factory™

Tailor-made

“Small Custom” Products

Select any of the products in our catalog for which you need another size or finish. We will then adapt the product and manufacture it in our Nodus Factory workshops.

“Major Custom” Products

Major customization involves the creation of a unique piece. We can work with you to learn your needs and design with you your ideal product, manufactured in our Nodus Factory workshop.



Nodus Factory

Email: nodus@nodusfactory.com

Tel.: +33 (0) 2 97 67 64 83

Skype: nodus-factory

3, rue de Govean-Zone de Kerollaire
56370 F- Sarzeau

NØDUS

F A C T O R Y

3 rue de Govéan • Zone de Kerollaire • F- 56 370 Sarzeau
Tél : +33 (0)2 97 67 64 83 • Mail : nodus@nodusfactory.com
www.nodusfactory.com