

Nodus Factory™ - Sail

www.nodusfactory.com



2021

Textile Fittings®

Créateur de solution textile



© Catalogue Nodusfactory-Sail



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Innovate your rigging, Node your Ropes!

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Build our future, to face this unprecedented context.

Our Nodusfactory-Sail 2021 catalogue is designed for an interactive use and will drive your choices.

Link: [www.calameo-Nodusfactory-sail](http://www.calameo.com/Nodusfactory-sail)

Our online-shop, Nodusfactory-Store is offering you the Nodus products for sale, but also additional products from our business partners, for which we developed textile solutions in Dyneema Nodex®. A technical call center is also available.

Link: www.nodusfactory.com

In Europe, our distributors are taking advantage of the expertise of the Nodusfactory-Sail team, our communication mediums and our customized recommendations, to ensure we provide you the best customer service.

Link: <https://www.nauticexpo.fr/prod/nodus-factory-66050.html>

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Our team's main purpose is and will always be to provide you with efficient, secured and reliable textile solutions.

Developped and manufactured in France, our innovations are tested and certified by the Bureau Veritas.

Thank you for the trust you placed in us,
Fair winds and following seas !



www.nodusfactory.com

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Textile shackle	Shackle K®	Shackle Cs®	Shackle T®	Shackle M®	Shackle Ms®	Shackle R®		
Use	Universal	Halyard & sheets	Pulley / block	Multi-use	Very high loads	halyard		
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Textile snap-shackle	Mf T-close®	M T-close®	M T-lock®	M T-sail®	M T-drop®			
Use	Jib sail carabiner	Halyard & Sheets	On deck plate	Spi & Gennaker	Release system			
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Loop & connector	Sheathed Loop®	Sheathed Loop with cover®	Lock®	« adjustable » boomstrap	Bommstrap with « lashing »	Textile Padeye®		
Use	Flexible connector	Flexible connector	Textile Lock	Boomstrap	Boomstrap	Textile deck plate		
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Ring & pulley	Friction Ring	TH-M / TH-C®	Loop & ring	Violin Ring	Snatch-Block®	Nodus Nub®	Spi Nub® pulley	Boomstrap Nub® pulley
Use	Low & High T° Friction ring	Opening friction ring	In-hauler & Barber	Hoist	Poulie à rouleau	Friction pulley High loads	Spar	Hoist pulley 2/1 High load
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Plug & Sail™	Block loop® L & Ls friction	Block shackle® M & Ms Friction	Nodus-Nub® L & Ls friction	Nodus-Nub® M & Ms friction				
Use	Fixed friction ring	Movable friction ring	Fixed friction pulley	Movable friction pulley				
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Stropes	Snap-shackle T-close®	Snap-shackle T-bone®	Snap-shackle T-sail®	Snap-shackle T-drop®	Textile eye strop	Nub & Ring® hoist		
Use	Halyard & sheets	Halyard and sheets	Foresail	Spinnaker	Universal textile fitting	Textile eye and ring		
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Comfort on Board	T-Lazy®	T-Bat®	Cushion seat®	Pad-line®	Nodex Protect®			
Use	Adjustable cleat for Lazy-jack	Adjustable cleat for fender	Cushion seat Lab-One	textile cleat	Spliceable rope with cover			
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Textile shackles

Used in almost every manoeuvre, soft shackles are the essential equipment on board,.

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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

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Halyard and sheet shackle

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

1203010110	C3
1205010110	C5
1206010110	C6
1208010110	C8

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T-close Cs® with overshoot

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

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Block shackle

T® specially designed for lashing block

1701011001	T2
1701011003	T3
1701011005	T5
1701011006	T6

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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	R2
1602010106	1602010206	1602010306	M6
1603010108	1603010208	1603010308	M8
1604010110	1604010210	1604010310	M10
1605010112	1605010212	1605010312	M12
1606010114	1606010214	1606010314	M14

SMALL	MEDIUM	LARGE	R3
1602010106	1602010206	1602010306	M6
1603010108	1603010208	1603010308	M8
1604010110	1604010210	1604010310	M10
1605010112	1605010212	1605010312	M12
1606010114	1606010214	1606010314	M14

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Multi-purpose sheathed shackle *High Load®*

Ms® is a soft sheathed shackle for heavy loads.

MEDIUM	LARGE	Xlarge	
1625130108	1625130208	1625130308	Ms8
1603130110	1603130210	1603130310	Ms10
		1604130312	Ms12
		1605130314	Ms14

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Textil Halyard pulley

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

20345	R5
20346	R6

Comparison chart : textile shackle

Textile shackles	Shackle K®	Shackle C / Cs®	Shackle T®	Shackle M®	Shackle Ms®	Shackle R®
Use	Adjustable	Halyard & Sheets	Pulley	Multifunction	Extremely high loads	Halyard shackle
	Pulleys & rings	Cs : sheathed with cover	Universal	Sheathed	sheathed with cover	Halyard shackle
						
Breaking load	≥380kg/4800kg	≥840kg/4600kg	≥840kg/4600kg	≥500kg/2900kg	≥2900kg/10000kg	≥700kg/1500kg
Rope	Nodex R2 + C	Nodex R2	Nodex R2 + S	Nodex R2	Nodex R2/R3 + C	Nodex R2
The +	Adjustable	Fast Rig & unbend	Exceptional durability	Special Pulley	Extremely durable	Extremely light
Seal area 40nds	10 to 132 m2	20 to 140 m2	20 to 140 m2	/	80 to 275 m2	20 to 60 m2
Ø Pulley sheave	15 to 50 mm	/	/	15 to 50 mm	15 to 60 mm	10 to 20 mm
Imperdable	X	X	X	X	X	X
Abrasion strenght	+++	++	++++	+++	++++	+++
Protect coating	X	option	option	X	X	/
Pre-stretched	X	X	X	X	X	X
System block®	X	X	X	/	X	/

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



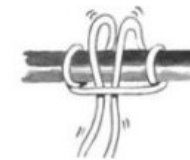
Shackle T-close K® - Multi-use with adjustable loop

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

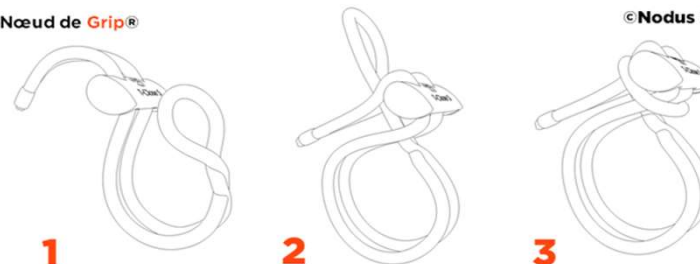
- ❑ T-close fastener → Glass-fibre reinforced PA
- ❑ Rope 100% Nodex® R2 pre-stretched, coated → Light grey/black
- ❑ Closure secured by lock-ring "Bague Block®" → EPDM protect anti-uv
- ❑ Strength certified by Veritas

Nodus and tricks

- Used with our Bague Block® and the Nodusfactory-Ring, you have a friction pulley : Plug and Sail® !
- Caution : please cross the the strands when inserting the ring : see the tutorial on our Youtube channel

Nœud de Grip®

© Nodus Factory



Halyard & sheet shackle



Product Name	Breaking Load	Ø Rope	Length	Weight	Sail size
	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 Bague 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 Bague Block®
- ❑ 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 Nodex® R2 pre-stretched, coated - Light grey/black
- ❑ Model T-close C - without overseath / Model T-close Cs - with overseath in Nodex® R2
- ❑ Closure secured by lock-ring "Bague Block®" - EPDM protect anti-uv
- ❑ Strength certified by Veritas

Nodus and tricks

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

Block shackle



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

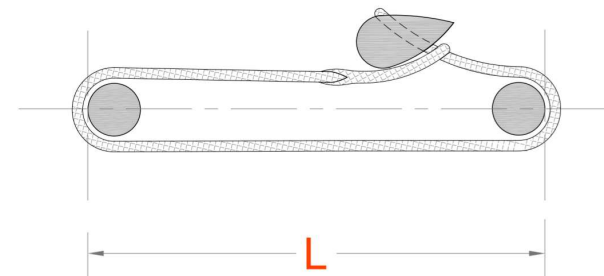
Specifications

- ❑ T-close® fastener → Glass-fibre reinforced PA
- ❑ Rope 100% made of Nodex® 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
 - Load coefficient calculation: example
A 45° return as a loading coefficient of 75%, if I pull 100KG, the pulley will take 75 kg only.

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.

Product Name	Breaking Load	Rope Ø	Lenght	internal Ø	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



Sheathed shackle *High load*®



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

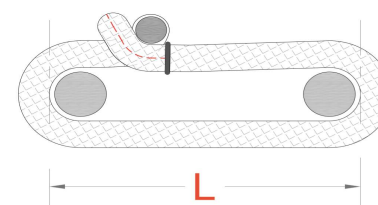
- ❑ T-bône® fastener, Titanium TI 6 "Eco Ti"
- ❑ Textile shackle, core and sheath 100% Nodex® R2 12fx pre-stretched, coated → Light grey/black
- ❑ Closure secured by lock-ring "Bague Block®" → EPDM protect anti-uv
- ❑ Strength certified by Veritas

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

Product Name	Breaking Load		Length			internal Ø Pulley sheave
	R2	R3	S	M	L	
	Direct	Direct	cm	cm	cm	mm
M 6 HI	2900	3900	4,5	9	10	15/30
M 8 HI	3600	4800	4,5	9	10	30/40
M 10 HI	6000	8000	5	10	12	40/50
M 12 HI	6700	10000		12	14	50/60
M 14 HI	10000	14000		14	16	60+



Sheathed and coated shackle *High Load*®



Product Name	Breaking Load		Length (L)			internal Ø
	R2	R3	M	L	XL	
	Direct	Direct	M	L	XL	Réa poulie
	Kg	Kg	cm	cm	cm	mm
Ms 8 HL	4000		9	10	12	30/40
Ms 10 HL	6000	8000		10	12	40/50
Ms 12 HL		10000		12	14	50/60
Ms 14 HL		14000		14	16	60+



Shackle Ms *HL*® → Sheathed and coated connector

Ms® *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 and Excellent resistance to chafing

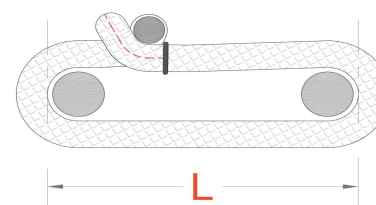
Specifications

- ❑ T-bône® fastener, Titanium TI 6 "Eco Ti"
- ❑ Textile shackle, core and sheath 100% Nodex® R2 12fx pre-stretched, coated → Light grey/black
- ❑ Textil Sheath 100% Nodex R2 48fx pre-stretched, coated → black
- ❑ Closure secured by lock-ring joint "**Bague Block**®" → 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!

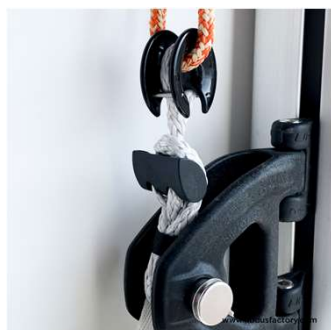
Option "Bague Block" To be used on rings, halyards and sheets (see Nodus Factory YouTube tutorial)



Textile halyard pulley



Product Name	Breaking Load	Length	internal Ø	Advised rope Ø	Sail size
	Direct	closed	TH Ring	Halyard & sheets	40 nds
	Kg	cm	mm	mm	m2
R 5	2000	8	14	6/8	35
R 6	3300	11	20	10/12	70



Shackle R® ↪ Halyard pulley shackle

Shackle R is a friction-ring pulley shackle, with a wide opening.

- Used for the halyards of a mainsail controlled by pulley (hoist 2:1)
- For polyester and dyneema non-abrasive ropes.

Use

- ❑ Pulley shackle, "flying" type 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

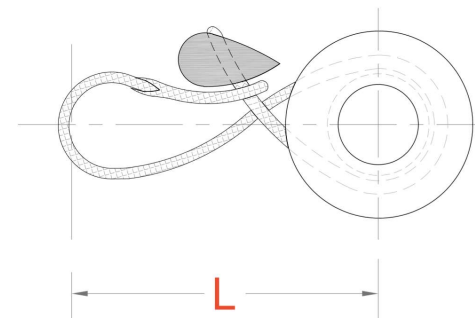
- ❑ Extremely light and strong hoist with friction ring
- ❑ The flexibility of textile ensures that the work is in the axis of the forces
- ❑ Highly resistant to UV
- ❑ No corrosion

Specifications

- ❑ T-close fastener ↪ Glass-fibre reinforced PA
- ❑ Rope 100% Nodex® 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.
- ❑ Closure secured by lock-ring "Bague Block®" ↪ EPDM protect anti-uv
- ❑ 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.

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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

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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

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Snap-shackle

T-lock Snap-shackle ~ multi-use, with a safety locking system

1003010003	M T-I3
1005010006	M T-I6

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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

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Load release snap shackle

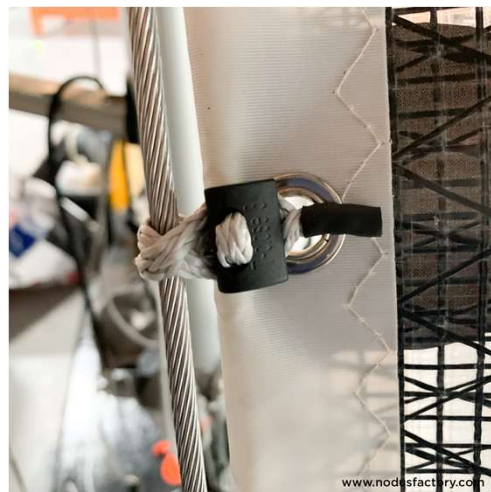
MT-drop ~ halyard, spinnaker sheet, etc.

6106030012	M T-d12 s
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Comparison chart : textile snap-shackle

Snap shackles	Mf T-close®	M T-lock®	M T-close®	M T-sail®	M T-drop®
Use	Jib sail carabiner	Trigger guard, Deck plate	Halyard & Sheets	Spinnaker snap shackle	Release
	Cable & textile	Mainsail & headsail	On deck	+ Textile lock	Halyard and guardrail
					
Breaking load	≥500kg/800kg	≥750kg/2900kg	≥600kg/3300kg	≥1000kg/2700kg	≥800kg
Rope	Nodex R2	Nodex R2 + S	Nodex R2	Nodex R2	Nodex S2
The +	Captive lightness	Friction pulley safety	Ease to use Universal	Lightweight & ultra fast	Releasable under load
Seal area 40nds	60 to 110 m2	15 to 100 m2	15 to 120 m2	40 to 140 m2	70 to 90 m2
Ø Pulley sheave	/	/	/	/	/
Imperdable	XX	XX	X	X	X
Abrasion strenght	+++	++++	+++	+++	++++
Protect coating	/	/	/	/	/
Pre-stretched	X	X	X	X	/
System block®	Block Ring	X	X	X	X

Jib sail carabiner



Mf T-close® hand on the jib

Mf, is the ideal textile jib carabiner to hoist 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% Nodex® R2 pre-stretched, coated- Light grey / black
- Safety lock with the lock-Ring → EPDM protect anti-uv
- Bonded spliced eye© and black polyamide crimping bush©
- Resistance certified by Veritas

Option

- Protect Coating®, increase the textile rigidity and make it less abrasive.

Product Name	Breaking load		Length Luff/stay	Weight	Sail size
	Direct	Closed Loop			
	Kg	mm	gr	m2	
Mf 3.2	500	20	4	60	
Mf 3.4	500	40	5	60	
Mf 3.6	500	60	6	60	
Mf 5.4	800	40	11	110	
Mf 5.6	800	60	12	110	



Textile Snap-shackle *T-close*®



Product Name	Breaking load		Length	Eye Ø	Weight	Sail size
	Direct	Closed				
	Kg	cm	mm	gr		40 nds 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 for halyards and sheets

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

- Easy opening and closing system
- No need of halyard stops

Use

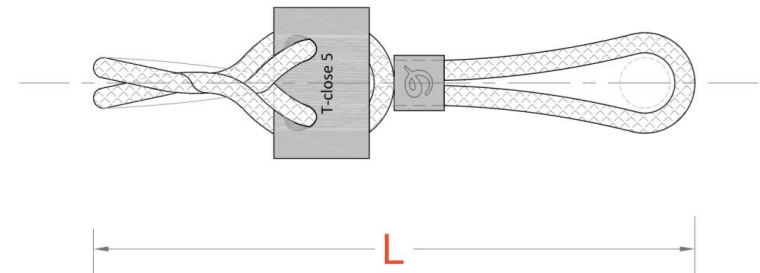
- Multi-purpose carabiners for quick connections between two elements: Halyards, jib and gennaker sheets, reefers, bracing, mainsail foot, furlers, etc.
- Can be mounted with a lark's head knot
- M T-close ↪ Standard eye version and xl eye, lark's head knot attachment
- Easy to use ↪ Closing Cap knot®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

Advantages

- Flexible multi-purpose soft snap shackle, to ensure perfect in-axis loading
- Safety locking system : Bague Block®
- Very UV-resistant
- Excellent chafe resistance
- Corrosion-free
- No damage to decks

Specifications

- T-close Shackle ↪ Glass-fibre reinforced PA
- Rope 100% Nodex® R2 pre-stretched, coated- Light grey / black
- Finished with (replacable) black polyester overshooth
- Closure secured by lock-ring "Bague Block ®" ↪ EPDM protect anti-uv
- Resistance certified by Veritas



Textile Snap-shackle T-Lock®

Textile connector - Plug and sail™



www.nodusfactory.com



www.nodusfactory.com

Product name	Breaking load	Length	Ring internal Ø
	Kg	L	mm
T-I 3	750	7	14
T-I 6	2200	9	20



www.nodusfactory.com



www.nodusfactory.com



www.nodusfactory.com

M T-lock® - Multi-use & locking system

The **T-lock®** snap-shackle is a multiuse textil snap shackle, with a safety locking system. You can perfectly fasten it to halyards, sheets, eye straps, rings and others..

Composition

The T-lock® safety system is made of a zip sheath lock®.

Use

- Multiuse textil snap shackle very light and durable
- Easy to use -> Closing Cap knot® Quick and easy opening even under high loads
- Locking System Lock® for an easy use and reliable locking.
- Reliable, maintenance-free

Advantages

- The flexibility of textile ensures that the work is in the axis of the strengths.
- Bigger contact size for a better holding on rings, eyelets, etc.
- UV resistant
- Excellent abrasive resistance
- No damage to decks

Data sheet

- T-close fastener -> Glass-fibre reinforced PA
- Rope 100% made of Nodex® R2 pre-stretched, sewed (to avoid any lengthening) -> Light grey/black
- Lock, safety locking system in Dyneema® 48fx R2 coated and non-abrasive
- Strength certified by Veritas

Nodus & tricks

- By adding a low friction ring, you transform the T-Lock snap shackle into a snatch block friction.

Spi Carabiner « Snap shackle » T-sail®



Product Name	Breaking Load	Length	Weight	Ø Eye sheet	Textile Block	Sail Area
	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® - Gennaker & Spinnaker snap shackle

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 with a lark's head knot, requires the use of our **Textile Block®** attachment on the sail
 - Fixing, directly with a lark's head knot on the sail (clew point) requires an eye at the sheet 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

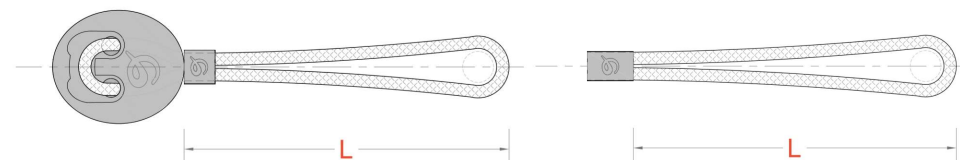
- T-sail® shackle, Pa Tech
- Rope 100% Nodex® R2 pre-stretched, coated 12fx - Light grey/noir
- Closure secured by lock-ring "**Bague Block®**" → EPDM protect anti-uv
- Resistance certified by Veritas

Options

- Textile-Block attachment system specially designed for the clew (ring, strap, etc.)
 - The Textile-Block is a small loop made of Nodex® delivered with a **Bague Block®**

Nodus and tricks

- Use the T-sail reefing for your jib tack
- Order your sheets at Nodus Factory, the eye termination will be adapted to our T-sail connector, delivered with the Bague Block®



Load-release Snap-shackle *T-drop*®



Product Name	Breaking Load	T-drop length	Ey Ø	Total length	Weight	Sail size
		Closed				40 nds
	Kg	cm	mm	mm	gr	m2
M T-d12	800	9	20	18	22	75/90



M T-drop® - Load-release 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

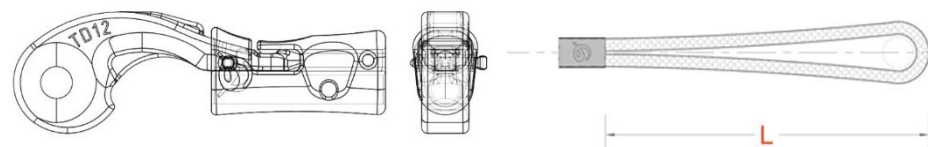
- ❑ Release under load, does not get locked
- ❑ Possibility of placing a release line
- ❑ No oxidation
- ❑ Does not damage the decks

Specifications

- ❑ T-drop® fastener → Glass-fibre reinforced PA
- ❑ Rope 100% made of Nodex® 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 Nodex® delivered with a **Bague Block**®



Loop & textile connectors

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Sheathed Loop® High Load - Nodex R2 DSK® 78

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

X SMALL	SMALL	MEDIUM	LARGE	X LARGE	R2
4125010100		4125010200	4125010300	4125010400	L2,5
	4103010100	4103010200	4103010300	4103010400	L3
	4104010100	4104010200	4104010300	4104010400	L4
	4105010100	4105010200	4105010300	4105010400	L5
	4106010100	4106010200	4106010300	4106010400	L6

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Sheathed Loop® High Load – Nodex R3 DSK® 99

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

X SMALL	SMALL	MEDIUM	LARGE	X LARGE	R3
	1803010100	1803010200	1803010300		SL3 HL
	1804010100	1804010200	1804010300		SL4 HL
		1805010200	1805010300		SL5 HL
		1806010200	1806010300		SL6 HL

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Sheathed Loop® High Load with cover– Nodex R DSK® 78

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

X small	SMALL	MEDIUM	LARGE	HL
4102411100	4102410100	4102410200	/	Ls2
4104411100	4104410100	4104410200	/	Ls3
4105411100	4105410100	4105410200	4105410300	Ls4

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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		Lock 4
4305010100	4305010200		Lock 5
4307010100	4307010200	4307010300	Lock 7

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Adjustable boom strap

S® adjustable boom strap fitted with a protective oversheath

1101011003F	S3 F
1101011003G	S3 G
1101011005H	S5 H
1101011005I	S5 I

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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

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Textile Padeye®

Pad SX® textile plate
Several colors in option

4103000000	Pad SX R1
4125010000	Pad SX R2
4103000600	Kit 6 Pad SX R1
4125010600	Kit 6 Pad SX R2
4100411206	Nodus Loc

Comparison chart : loop & textile connector

Textile connector	Sheathed Loop	Sheathed Loop with cover	Lock®	Adjustable boom strap	Boom lashing strap	Textile Padeye
Use	Flexible connector	Flexible connector	Textile Lock	Textile connector	Textile connector	Textile deck plate
	Pulley	Boom & Pulley	Friction ring	Adjustable	Lashing	Equipment
						
Breaking load	≥2000kg/14000kg	≥2000kg/14000kg	≥3900kg/8200kg	≥750kg/2600kg	≥500kg/2000kg	≥ 200 kg
Rope	Nodex R2 & R3	Nodex R2 & R3	Nodex R2	Nodex S1 & R2	Nodex R2	Nodex R2 & R3
The +	Universal Loop	High load Durability	Secured locking system	Quick setting	Adjustable lashing Heavy load	Adjustable link
Seal area 40nds	/	/	104 to 220 m2	30 to 70 m2	30 to 100 m2	/
Ø Pulley sheave	20 to 60 mm	20 to 50 mm	10 to 50 mm	12 to 25 cm	8 to 20 cm	10 to 20 mm
Imperdable	X	X	X	/	X	X
Abrasion strenght	+++	+++++	++++	++++	+++++	++++
Protect coating	/	X	X	/	X	/
Pre-stretched	X	X	X	X	X	X
System block®	X	X	/	/	/	X

Sheathed Loop® High Load



Product Name	Breaking Load		Rope Ø	Length (straight)					internal Ø
	Basket	Basket							
	R2	R3		XS	S	M	L	XL	Pulley sheave
	Kg	Kg		cm	cm	cm	cm	cm	mm
L 2.5 HI	2000	3000	3	14	16	19	22		20
L 3 HI	3800	5500	3.5		16	19	22		30
L 4 HI	6300	9500	4,5		16	19	22	28	40
L 5 HI	8000	12500	5,5			19	22	28	50
L 6 HI	9500	14000	6,5			19	22	28	60



Loop HL® Multi-purpose coated loop

The High Load **Loop**® 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 (more resistant and offers a better protection compared with a standard loop).
- Our loops are in Nodex R2 and R3 depending on the breaking load you require.

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

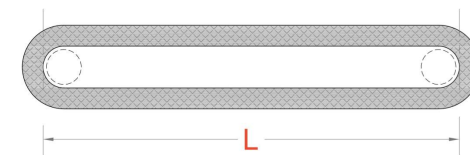
- ❑ Textile loop, core and sheath 100% Nodex® R2 12fx pre-stretched, coated
 - ↳ Light grey/black
- ❑ Strength certified by Veritas

Nodus and tricks

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

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

- Bague Block® ↳ Thermoplastic TPE flexible



Textile Loop with cover® *Protect Coating®*



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

The High Load Loop® with cover 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 overshooth made of Dyneema® and Protect Coating Polymer®

Use

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

Advantages

- Highly resistant to UV
- Excellent resistance to chafing
- Reliable and maintenance free

Specifications

- Textile loop, core 100% Nodex® R2 12fx pre-stretched, coated ↪ Light grey/black
- Textile overshooth in 100% Dyneema R2 32fx Black, coated
- Protect Coating® treatment - Polymer hardener
- Closure secured by lock-ring “**Bague Block®**” ↪ EPDM protect anti-uv
- Strength certified by Veritas

Nodus and tricks

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

Option

The Bague Block® are clamping and holding rings, for low friction rings.

- Bague Block® ↪ Flexible TPE thermoplastic

Product Name	Breaking load		Rope Ø	Length (straight)				internal Ø
	Basket R2	Basket R3		XS	S	M	L	
	Kg	Kg	mm	cm	cm	cm	cm	Pulley sheave mm
Ls 2 HI	2000	3000	3,5	7	20	22		20-30
Ls 3 HI	3800	5500	4	9	20	22		30-50
Ls 4 HI	6300	9500	4,5	11	20	22	26	50-60



Textile connector *Lock*®



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

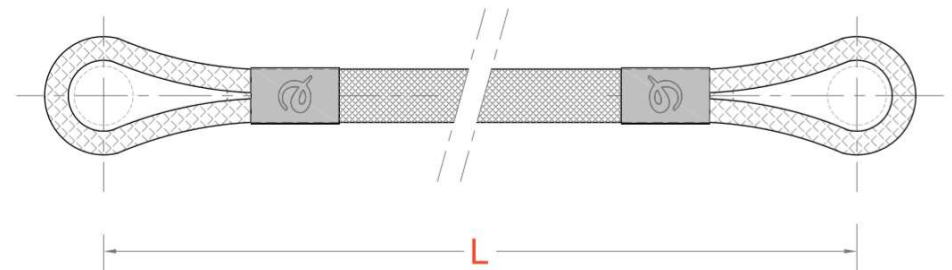
For low-friction ring of Ø /mm

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

Product Name	Breaking Load	Rope Ø	Eye Ø	Length (straight)		
				S	M	L
	R2 Panier	R2	Max	S	M	L
	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



Adjustable boomstrap®



www.nodusfactory.com



www.nodusfactory.com

Product Name	Breaking Load	Boom height	Rope Ø	Adjustable Loop	Sail size
	R2 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



www.nodusfactory.com



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S T-close® - Adjustable boomstrap

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% Nodex® 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

Nodus & tricks

- You can use the adjustable boomstrap to fix and adjust the height of your mainsail tackles directly on the boom with a double grip knot.

Boomstrap® « Lashing »



SC® - Adjustable boomstrap with lashing

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

- Fastening adjustable with lashing provided in Nodex®

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

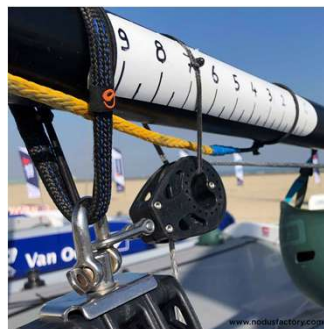
Specifications

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

Nodus & tricks

- You can use the adjustable boomstrap to fix and adjust the height of your mainsail tackles directly on the boom.

Product Name	Breaking Load	Boom height	Rope Ø	Adjustable Loop	Sail size
	R2 Basket	Straight	R2	L straight	40 nds
	kg	cm	mm	Max cm	m2
Sc 2	1000	8	2,5	20	10/30
Sc 3	2000	12	2,5	30	30/60
Sc 4	3000	16	2,5	40	60/80
Sc 5	4000	20	2,5	50	80/100



Textile Padeye – Nodus Padeye®



Nodus-Padeye SX® – Textile padeye to stick on

Textile pad eye to stick on, Nodus-Padeye® SX is the only pad eye with adjustable textile loop.

- Easy, quick and very simple to install, your Nodus-Padeye SX will support up to 200 kg (without screws) once fixed with the Nodus-Loc® Bi-component glue.
- Reversible system for gluing and through fixing.
- Thanks to its oval shape, you can place the padeye in the optimum position, according to the angle and direction of the load.

Use

- Multi-purpose textile padlock to hang or to hook all your equipment in or on your boat, banners, canvases, storage pockets, bails with ends, light manoeuvre returns, etc.
- Install easily and anywhere on the deck, on the mast or on the boom,...

Advantages

- Easy installation, thanks to our bi-component glue
- Textile strands length adjustable according to your needs
- Optimized ergonomics, no protruding or aggressive part
- Versability and flexibility whatever the angle of traction
- Reliable and maintenance-free

Specifications

- Padeye SX in PA technical loaded glass fiber & mixed carbon 60%
- Length 45 mm & Width 35 mm
- T-Bone Ti6 éco-titanium length 20mm
- Rope Nodex R1/R2 fabric in 12 or 18 fx (several colors)
- 316 L stainless steel screw : 2,9 mm / 18 mm ("not included")

Nodus & tricks

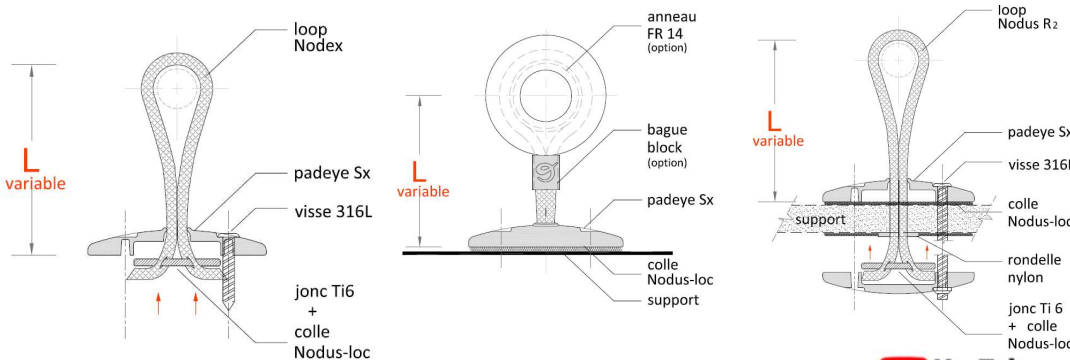
- Advantage : Complete Kit Pad SX for 6 pieces (+1.8meter of Nodex rope in 3mm).
- Can be used with our friction rings.

Option :

Option	Volume	Quantity	
Loc			
Nodus-Loc® 12	12 ml	6 padeyes	Depending on the material

Product Name	Load (sticked) Kg	Dimensions mm				recommended Ring Ø	Quantity
		A	B	C	D		
Pad SX	200 kg	3	35	45	6	FR 14	1

	Nodex® rope ml			Nodus® stick	
Complete Kit	R1	R2	R2s	Nodus-Loc 12	
Kit Pad SX	1,2	1,2	1,2	12 ml	6



Friction rings & pulleys

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Nodus friction ring® Fr®, FrD®,
Self-lubricating friction ring, very light, reliable and strong.

410000010	FR 10	4100000410	FrD 10
410000014	FR 14	4100000414	FrD 14
410000020	FR 20	4100000420	FrD 20

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Textile Hook Friction M®
TH-M®, T-bone Titane & opened ring for Barber-hauler and hauling pulleys,...

4102010008	TH-M 14
4103010010	TH-M 20

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Textile Hook Friction C®
TH-C®, T-close technical Pa & opened ring for Barber-hauler and hauling pulleys,...

4125010003	TH-C 14
4104010005	TH-C 20

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Loop & Ring
LR®, can be attached easily and used as a replacement for any block on the boat

20347	LR 4
20348	LR 5

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Violin Ring - Block-Friction®
BFW®, 2 rings assembled to create hoists or hauling systems

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

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Snach-Block friction® - friction pulley with roller
SB®, opening textile friction pulley with roller

20349	SB 14 friction
20350	SB 20 friction

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NUB® - friction pulley
Nodus NUB 40®, friction pulley high load, to create hoists and hauling systems...

4100002000	Nub 40
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Bowsprit pulley – Spi NUB® pulley
Spi 4 Nub®, Spi pulley for bowsprit, to be fixed with lashing strap.

4100002046	Spi 4 NUB
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Boom pulley – Lashing
SC Nub®, boom pulley with textile strape

4100002053	SC 3 NUB
4100002054	SC 4 NUB
4100002055	SC 5 NUB

Comparison chart : friction ring & pulley

Friction Ring	Friction Ring & friction ring « HT° »	TH-C / M	Loop and ring	Violin Ring	Snatch-Block®	Nodus NUB	Poulie de Spi Nub pulley	Nub boomstrap pulley
Use	Low & High T° Friction	Opening ring	Floating block	Hoists	Friction pulley with roll	Friction Pulley	Bowsprit pulley	Tackle pulley
	Hauler - Deck	In-hauler & Barber	Rails & deck plate	Vang		High loads	Spi & Gennaker	Tackle 2/1
								
Breaking load	≥900/1600kg HT° ≥1900/2400kg	C ≥600/900kg M ≥900/1200kg	≥1300kg/3400kg	≥1500kg/5000kg	≥900/1600kg	≥4700kg	≥3000kg	≥2000/4000kg
Rope	Mixed use	Nodex R2	Nodex R2	Nodex R2	Nodex R2	/	Nodex R2	Nodex R2
The +	Light Auto-lubricant	Opening pulley Extremely light	Multifunction	Heavy load 10 times lighter than a pulley	Extremely light	safety	Multi-axial	Lashing
Seal area 40nds	/	C 32 to 83m ² M 75 to 120 m ²	/	/	/	/	60 to 130 m ²	/
Ø Pulley sheave	4 to 16 mm	6 to 14 mm	4 to 14 mm	4 to 14 mm	14 to 20 mm	8 to 14 mm	8 to 14 mm	8 to 14 mm
Imperdable	/	X	X	X	X	X	X	X
Abrasion strenght	+++ / HT° ++++	+++	+++	+++	++++	++++	++++	++++
Protect coating	/	/	X	/	/	/	/	/
Pre-stretched	/	X	X	X	X	/	X	X
System block®	X	X	/	/	X	/	X	X

Friction ring®



Nodus - Friction ring® friction ring

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

- The Nodus friction ring (resine) is used in numerous applications and for all types of non-abrasive rope.
- Use our Duralumin rings for halyards and dynamic friction

Use

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

Advantages

- High mechanical resistance
- Chock and UV resistant
- Weight/strength ratio
- Performance, lightness and reliability
- Reliable and maintenance free

Specifications

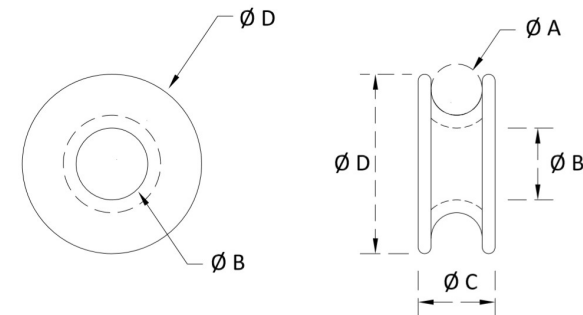
- Low friction ring M1 : Self-lubricating technical resin → black
- Friction ring D : anodised duralumin friction ring → black

Nodus and tricks

For a « professionnall » rigging, please respect the below steps :

- The splicing angle at the sheave has to be 15° min.
- The eye's length has to be at least 2,7 times bigger than the diameter of the ring's sheave.
- The textile fitting has to be at least 0,6 times bigger than the diameter of the ring's sheave (loop, Shackle, lashing, strope,... etc).
- Pay attention to the minimum recommended rope Ø

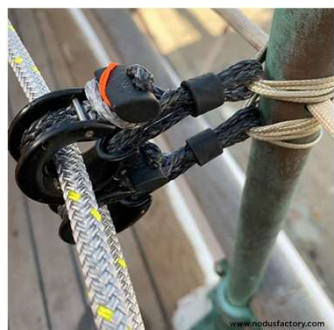
Product Name	Breaking Load			Dimension Ø				Recommended Rope Ø	Weight
	0°	90°	180°	A	B	C	D	Ecoute	
Low Friction	Kg	Kg	Kg	mm				mm	gr
Fr 10	900	650	450	7	10	12	24	4/6	2
Fr 14	1200	850	600	10	14	16	34	6 /10	4
Fr 20	1600	1150	800	14	20	22	49	10/14	16
Duralumin D	Kg	Kg	Kg	mm				mm	gr
FrD 10	1500	950	500	7	12	12	30	8 max.	8
FrD 14	1800	1100	650	10	16	16	40	10 max.	16
FrD 20	5000	3100	1700	16	24	17	60	16 max.	60



Opening friction pulley®



Product Name	Breaking load	Length	internal Ø	Recommended rope Ø	Weight	Sail size
Connector	Direct	L	Ring	Halyard/sheet	gr	40 nds
PA Tech	Kg	cm	mm	mm		M2 ≥45°
TH-C 14	800	5	14	6/10	12	35
TH-C 20	2000	7	20	10/14	24	85
Titane	Kg					
TH-M 14	2500	5	14	6/10	20	100
TH-M 20	3000	7	20	10/14	34	125



Textile Hook® friction → Opening friction pulley

TH-C & TH-M®, 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)
- Captive, with our Bague Block®

Advantages

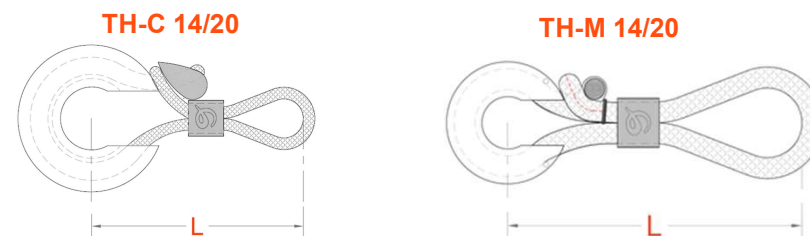
- Opening friction ring system, mobile and versatile
- Weight/strength ratio
- Performance, lightness and reliability
- Reliable and maintenance free

Specifications

- Nodus Factory opening friction ring made of Self-lubricating technical plastic resin → black
- Closure secured by lock-ring “**Bague Block** ®” → EPDM protect anti-uv
- which can lock and quickly fix a low-friction ring.
- TH-C**, Shackle high load®, core and sheath made of 100% Nodex® R2 12fx pre-stretched, coated → Light grey / black, PA tech T-close connector
- TH-M**, Shackle high load®, core and sheath made of 100% Nodex® R2 12fx pre-stretched, coated → Light grey / black, Titanium Ti6 connector

Nodus & tricks

- For the mast step choose the Textile snatch block friction used with the Block-loop connector®



Loop & Ring « textile loop with friction ring »



LR® - textile loop with friction ring

LR® is a loop made of Nodex® R2 with a low-friction ring, with a wide opening

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

Use

- Equipment which easily replaces a pulley and can handle heavy static loads.
- For Dyneema® or non-abrasive ropes
- 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
- Rotation over 360°
- Excellent weight/strength ratio
- Reliable and maintenance free

Specifications

- Textile loop, 100% Nodex® R2 12 fx pre-stretched, coated -> Light grey / black
- Low-friction ring TH Nodus Factory, in self-lubricating technical plastic resine -> black
- Splice stitched in Nodex®
- Closure secured by lock-ring "Bague Block ®" -> EPDM protect anti-uv
- Strength certified by Veritas

Product name	Breaking load			Rope Ø	Length L	interna l Ø	Recommended rope Ø
	Ring TH						
	kg			mm	cm	mm	mm
Angle	0°	90°	180°			TH	
LR 4	1800	1250	900	4	11	14	6/8
LR 5	3000	2150	1500	5	14	20	8/10



Violin Ring®



Product name	Breaking Load	Length	internal Ø	Recommended rope Ø
	Aluminium		Ring	Halyard / sheet
	Kg	cm	mm	mm
BF 14-10	800/1600	7	14/10	8/6
BF 20-14	1600/3200	10	20/14	10/8
BF 25-20	3200/5000	13	25/20	14/10



Block-Friction® Violin ring pulley

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

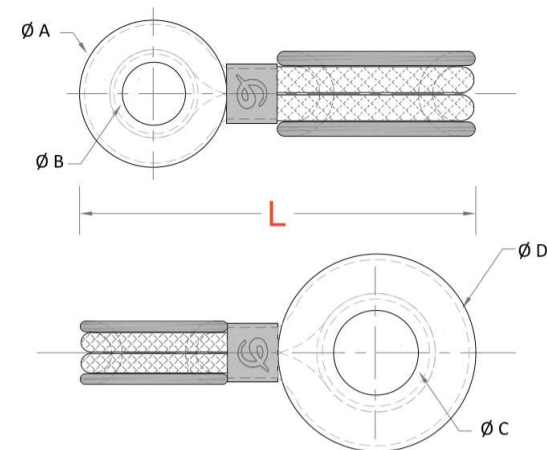
- Bobstays
- 3D adjustment forward sail
- Hoists (mainsail, vang, running backstay,...etc)

Advantages

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

Specifications

- Low-friction ring™ made of aluminium → black
- Closure secured by lock-ring “**Bague Block®**” → EPDM protect anti-uv
- Loop textile®, core and sheath made of 100% Nodex® R2 12fx pre-stretched, coated → Light grey / black



Friction pulley with roll



www.nodusfactory.com

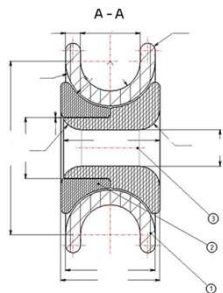


www.nodusfactory.com

Product name	Breaking load			Internal Ø	Recommended rope Ø
	0°	90°	180°		
	Kg	Kg	Kg	Sheave mm	mm
SB 14 friction	1200	850	600	9	6/8
SB 20 friction	1600	1150	800	12	8/10



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www.nodusfactory.com

Snatch-Block® friction ↪ friction pulley with roll

Snatch Block®, is a friction pulley, opening with sheave and friction roller

Composition

The friction pulley Snatch Block® is delivered with :

- the sheave and self-lubricating friction roller
- the textile connector according to the selected item

The friction pulley Snatch Block® is easy to install, quick and 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

- Extremely light and resistant
- Self-lubricating friction roller
- UV resistant
- Reliable and maintenance free

Specifications

- Nodus Factory sheave and low-friction ring™ made of Self-lubricating technical plastic resin ↪ black



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NUB® friction pulley



Désignation Article	Charge de rupture	Ø Cordage Conseillé
	Poulie a friction	Courant
	Kg	mm
NUB® 40 HF	4700	8/10



Nodus-NUB® friction pulley

Nodus-Nub® is a multiaxial spherical low friction textile pulley. Combined with a textile connector, the Nodus-Nub can hold very high loads.

- Can be used in many applications and with all types of ropes thanks to its inherent lubrication

Use

- ❑ Ideal for reeving, used on cascading tackles (back-stay, downhaul, running backstay...), return angle, or even on standing riggings (shrouds).
- ❑ Easy to install anywhere on the deck : plate, toe rail, mast step... using our textile connectors.

Advantages

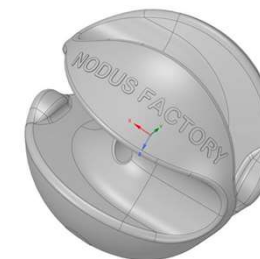
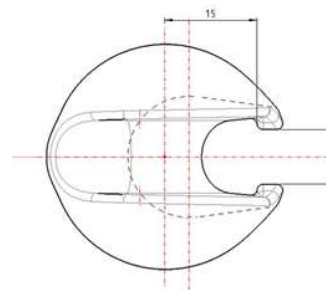
- ❑ Excellent weight/strength ratio
- ❑ High impact and UV resistance
- ❑ Low friction coefficient for all type of rope, thanks to its inherent lubrication
- ❑ 2 times lighter than the aluminum and 6 time lighter than the steel
- ❑ Completely secured thanks to its mobile rigid strand
- ❑ Reliable, maintenance free

Specifications

- ❑ Nodus-Nub « Low friction » in Self-lubricating technical plastic resin in black

Nodus & tricks

- The textile Hook friction is captive on sheets and braces so choose it for your Spinnaker sheets returns.
- Doesn't substitute the high-performance pulleys used in dynamic mode.



Bowsprit pulley NUB®



Spi 4 Nub® → Spi pulley on lashing strap

Spi 4®, is a Nub pulley on an adjustable “tie” strap allowing the fixation of the spi stack on the bowsprit.

- Adjustable fastening thanks to the Nodex® lashing.

Use

- Spi pulley for bowsprit.
- You can adjust the tack position thanks to the friction ring Nodus FR14.

Advantages

- Easy to install, no need of mechanical fixing thanks to the optional anti-sliding strip
- Secured blocking under and out of load
- Reliable and maintenance free

Specifications

- Stitched strap 100% Nodex® R2 32 fx pre-stretched, coated → black
- Ended by a structural eye → stitched
- « Low friction » Nodus-Nub → self-lubricating technical resine → black
- Strength certified by Veritas

Nodus & tricks

- You can use the Nub Pulley as a hoist for spinnaker pole downhaul

Product name	Breaking load	NUB pulley	« Lashing » Rope	Sail size
	R2 bracket		R2	40 nds
	Kg	Page 30	3 mm	m2
Spi 4 Nub®	3500	N 40	1 ml	130 m2

To be used for bowsprit :

Bowsprit	Ø 70 mm	Ø 80 mm	Ø 90 mm**	Ø 100 mm**
Spi	60 m2	80 m2	100 m2	130 m2
Gennaker	37 m2	50 m2	65 m2	105 m2
Jib reefing *	1,5 t / 2,5 t	2,5 t / 4,5 t	4,5 t / 7,0 t	4,5 t / 7,0 t

* With jib-boom **Loop with lashing & Ring FRd



Boom pulley NUB®



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Product name	Breaking load	Boom height	« Lashing » rope	Adjustable Loop	Mainsail size
	R2 basket	Straight	R2	L straight	40 nds
	kg	cm	mm	Max cm	m2
Sc 3 Nub	2000	12	3	40	30/60
Sc 4 Nub	3000	16	3	50	60/80
Sc 5 Nub	4000	20	3	60	80/100



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Poulie Sc Nub® → boom pulley with lashing

The boom pulley Sc® Nub, is a Nub pulley on an adjustable “tie” strap. It allows you to fix the mainsail clew with free foot, on the boom with a loop or a textile shackle,

- Adjustable fixing directly on the boom thanks to the Nodex® lashing.

Use

- Boom pulley with tie strap allowing you to fix the mainsail clew with free foot, on the boom with a loop or a textile shackle,
- You can also use it for your x2 hoist
- Adjustable strap length with the lashing, closing with at least 4 half-knots.

Advantages

- Easy to install and open even after a high load
- High load hoist
- Secured blocking under and out of load
- Reliable and maintenance free

Specifications

- Stitched strap 100% Nodex® R2 32 fx pre-stretched, coated → black
- Ended by a structural eye → stitched
- « Low friction » Nodus-Nub → self-lubricating technical resine → black
- Strength certified by Veritas

Nodus & tricks

- Upgrade your mainsail sheet hoist with the Nodus-Nub.

Plug and Sail™

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Block-Loop® textile connector

BL®, loop *High load* textile connector.

SMALL	MEDIUM	LARGE	HL
1903010115	1903010215	1903010315	BI 14
	1904010220	1904010320	BI 20

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Block-Shackle® textile connector

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

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Shackles & loops for NUB pulley, Ball friction ring® - **New 2021**

Textile connectors for multiaxial friction pulley **Nodus-NUB®**

	NUB 40
4100002045	Nub M 8,2
4100002043	Nub L 3,3
4100002042	Nub Ls 3,2
4100002044	Nub Ms 10,2

Comparison chart : Plug & Sail

Plug & Sail	Block loop® L & Ls friction	Block shackle® M & Ms Friction	Nodus-Nub® L & Ls friction	Nodus-Nub® M & Ms friction
Use	Fixed ring	Flying ring	Friction pulley	Friction pulley
	Fixed hauling	Mobile hauling	Fixed hauling	Mobile hauling
				
Breaking load	≥3800kg/8000kg	≥2900kg/6700kg	≥4700kg	≥4700kg
Rope	Nodex R2 & R3	Nodex R2 & R3	Nodex R2 & R3	Nodex R2 & R3
The +	Quick mounting	Mobile ring	High load loop	High load shackle
Seal area 40nds	104 to 220 m2	80 to 184 m2	/	/
Ø Pulley sheave	10 to 25 mm	10 to 25 mm	/	/
Imperdable	X	X	X	X
Abrasion strenght	+++	+++	++++	++++
Protect coating	X	X	/	/
Pre-stretched	X	X	X	
System block®	X	X	X	

Textile loop® for ring



Block-loop® friction ↪ Ring connector

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 Bague Block® 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

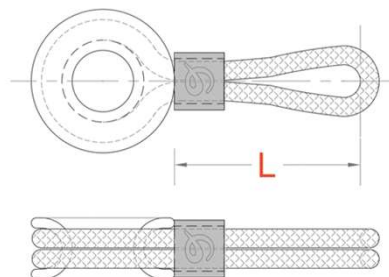
- ❑ Loop®, core and sheath made of 100% Nodex® R2 12fx pre-stretched, coated ↪ Light grey / black
- ❑ Closure secured by lock-ring “**Bague Block®**” ↪ EPDM protect anti-uv
- ❑ Nodus Factory low friction ring™ made of Self-lubricating technical plastic resin ↪ black or partner product made of hard anodised 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 Bague Block® are clamping and holding rings, for pulleys and rings with low friction, on textile loops and with Nodus Factory shackles.

Product name	Breaking load		Length			Internal Ø	Recommended rope Ø
	R2 - basket		S	M	L		
	Kg					Ring	
						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



Textile shackle for ring



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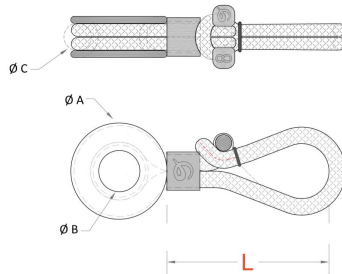
Désignation Article	Charge de rupture	Ø Cordage	Longueur	Ø Intérieur	Ø Cordage
	R2 Cordage	R2	Fermée	Ring	Conseillé
	Shackle				
H T°Friction	Kg	mm	cm	mm	mm
Bs 10 HI	2900	4/9	9	10	6/8
Bs 14 HI	3600	5/10	10	15	8/12
Bs 20 HI	6000	7/13	11	20	12/14
Bs 28 HI	6700	9/15	12	25	14/16



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Block-shackle® - Shackle pulley « High load »

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 Bague Block® 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% Nodex® R2 12fx pre-stretched, coated - Light grey / black
- ❑ Closure secured by lock-ring "**Bague Block®**" - EPDM protect anti-uv
- ❑ 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 Bague Block® are clamping and holding rings, for pulleys and rings with low friction, on textile loops and with Nodus Factory shackles.

Make sure you have crossed the strands when inserting the ring – see tutorial on Youtube

Shackles & Loops for NUB® pulley



NUB® → textile connectors for the friction pulley Nub

The Nodus-Nub® is a multi-axial spherical low friction textile pulley. Combined with a textile connector, the Nodus-Nub can hold very high loads.

Use

- ❑ Ideal for reeving, used on cascading tackles (back-stay, downhaul, running backstay...), return angle, or even on standing riggings (shrouds).
- ❑ Easy to install anywhere on the deck : plate, toe rail, mast step... using our textile connectors.

Textile connectors for NUB

In Nodex®78/99 ; 12Fx.

- ❑ In the case you want to easily move the Nub friction pulley you should use the sheathed textile shackle or the sheathed and coated shackle.
 - Floating block
- ❑ Sheathed textile loop or the sheathed and coated loop easy to install, used for static high loads.
 - Mast foot pulley

Nodus & Tricks

- Use the Nub with non-abrasive and Dyneema® ropes
- Respect the recommended minimum rope Ø

Product name	Breaking load	Recommended rope Ø
	Friction pulley	Running rigging
NUB 40 HF	4700 Kg	8/10 mm

	Connecteur textile Nub	Rope	Breaking load
M 8.2	Shackle	R2	3600
Ms 10.2	Sheathed and coated Shackle	R3	6000
L 3.2	Loop	R2	3800
Ls 3.2	Sheathed and coated Loop	R2	3800



Stropes

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

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Quick carabiner

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

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

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Snap shackle *High Load*®

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

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

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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

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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
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Universal eye on strop®

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

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

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Nub, ring and becket hoist

E Palan® is a textile connector for Nub and rings, with spliced eye on strop to create your own hoist

1303035000	E Palan 3
1304036000	E Palan 4
1305037500	E Palan 5

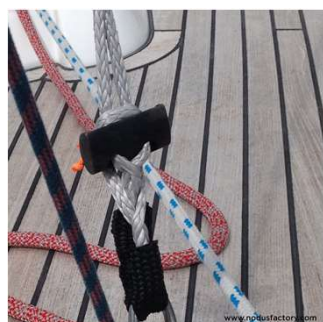
Comparison chart : stropes

Stropes	Strope T-close	Strope T-bone	Strope T-sail	Strope T-drop	Strope Oeil	Nub hoist
Use	Halyard & Sheets	Halyard & Sheets <i>High load</i>	Head sail	Light spinnaker	Textile hook	hoist
	Halyard stop	Extreme	+ Textile block	+ textile block	Multi-use	Textile connector for Nub & ring
						
Breaking load	≥700kg/3600kg	≥900kg/5900kg	≥500kg/1350kg	≥800kg	≥900kg/5900kg	≥4700kg
Rope	Nodex R2 + S1	Nodex R2 & R3	Nodex R2	Nodex R2	Nodex R2 & R3	Nodex R2 & R3
The +	Lighthouse & fast Security lock	Fast Heavy load Captive	Extremely light Fast	Released under load Extremely light	Multifunction Œil universal	Double connector
Seal area 40nds	15 to 100 m2	80 to 300 m2	40 to 140 m2	75 to 90 m2	25 to 180 m2	/
Abrasion strenght	X	X	X	X	X	x
Imperdable	++++	+++	+++	++++	+++	++++
Protect coating	X	X	/	/	X	X
Pre-stretched	X	X	X	X	X	X
System block	/	X	X	/	X	/

Quick carabiner T-close® on strope



Product Name	Breaking load	Rope Ø	Recommended rope Ø	Strope length	Weight	Sail size
	Connector	R2	Halyard/sheet	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® Quick carabiner

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 Quick 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.

Advantages

- ❑ Flexible soft shackle, to ensure perfect in-axis loading
- ❑ Very UV-resistant
- ❑ Excellent chafe resistance
- ❑ Corrosion-free
- ❑ No damages to decks
- ❑ Easy to use Quick opening
- ❑ Reliable, maintenance-free

Specifications:

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

Quick carabiner T-bône® on strope



E T-bône® → Quick Carabiner - High Load®

The Strope **T-bone** 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.

Advantages

- ❑ Flexible, multi-purpose, soft shackle, to ensure perfect in-axis loading
- ❑ Very UV-resistant
- ❑ Excellent chafe resistance
- ❑ Corrosion-free
- ❑ No damage to decks
- ❑ Easy to use → Closing Cap knot® → Quick opening
- ❑ Reliable, maintenance-free

Product name	Breaking load	Rope Ø	Strope length	Rope Ø	Shackle M	Sail size
	R2 rope	R2	Straigth	Halyard/sheet	Connector	40 nds
	Kg	mm	cm	mm	Référence	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

Specifications:

- ❑ T-bône® shackle, made of Titanium TI 6 “Eco Ti”
- ❑ Textile strop, 100% Nodex® 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 Bague Block® are clamping and holding rings, for rings with low friction, on textile loops and with Nodus Factory shackles.

- Bague Block® → Flexible TPE thermoplastic



Snap-shackle T-sail® for spinnaker, on strop



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Product name	Breaking load	Rope Ø	Strope length	Rope Ø	Ø T-sail	Weight	Sail size
	Connector	R2	Straight	Sheet			40 nds
	Kg	mm	cm	mm	mm	gr	m2
E T-sail 5	1000	4	60	6/8	35	8	40/60
E T-sail 6	1700	5	75	8/10	40	24	60/90
E T-sail 7	2700	6	90	10/12	45	34	90/140



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E T-sail® - Snap shackle for gennaker and 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 Bague Block®

Advantages

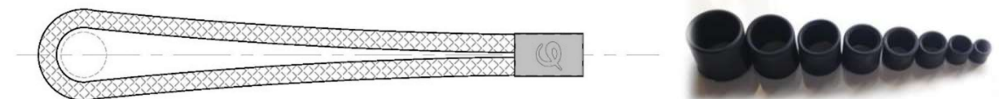
- Very light, resistant to tension and breakage
- Highly resistant to UV
- Excellent resistance to chafing
- No corrosion
- Does not damage the deck
- Reliable and maintenance free

Specifications

- T-sail ® fastener, Pa Tech black
- Rope 100% Nodex® 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 Nodex® delivered with a **Bague Block®**



Snap-shackle T-Drop® on strope



Product name	Breaking load	Rope Ø	Rope Ø	Length	Weight	Sail size
	Connector	Strope	Halyard/sheet	Connector		40 nds
	Kg	mm	mm	cm	gr	m2
E T-d12	800	4	8/10	9	14	75/90



E T-drop® \rightarrow Load-release snap-shackle

The **T-drop®** trigger snap-shackle on splicable strope 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.
 - \triangleright Fastening on the sail \rightarrow The Pelican hook is placed directly in the clew or halyard or through the intermediary of a Textile-Block®
 - \triangleright Closure of the snap shackle \rightarrow Push the locking ring, secure with the pin
 - \triangleright Release under load \rightarrow 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 \rightarrow Glass-fibre reinforced PA
- Rope 100% made of Nodex® R2 pre-stretched, coated \rightarrow 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.)
 - \triangleright The Textile-Block® is a small loop made of Nodex® delivered with a **Bague Block®**

Universal eye on strope®



E Œil® - Universal eye on strope

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

- The strope can be spliced directly to the halyard or sheet core.

Use

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

Advantages

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

Specifications:

- Strope, 100% Nodex® R2 pre-stretched, coated - Light grey / black
- Elastic strand to lock the ring or the nub
- Resistance certified by Veritas

Nodus & tricks

- Use our Bague Block® to lock eye on the connector
 - Bague Block® - Flexible TPE thermoplastic

Product name	Breaking load	Rope Ø	Strope length	Eye Ø	Rope Ø	Sail size
	R2 strope	R2	Straight	Useful	Halyard/sheet	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



Nub and ring hoist on strope



E Palan® → Textile Nub, ring and becket for hoist

E Palan, is a strope for our Nub and rings ready to be spliced directly to the halyard or sheet core.

- Fix the strope on the plate, on the slider thanks to the first eye
- Insert a ring or a nub in the second eye

Use

- ❑ E Palan → double eyes textile connector

Advantages

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

Specifications

- ❑ Rope 100% made of Nodex® R2 pre-stretched, coated → Light grey/black
- ❑ Resistance certified by Veritas

Nodus & Astuce

- ❑ The hoist strope with its spliced eye can be directly fixed with a shackle on the plate, the boom strap...

Product name	Breaking load	Strope Ø	Strope length	Eye Ø	Nub & Ring		Rope Ø
					Ring	Nub	
	Strope	R3	Straight	Useful	Reference		Halyard/sheet
	Kg	mm	cm	mm	Ring	Nub	mm
E Palan 3	900	3	50	20	Ø 10	/	6
E Palan 4	1800	4	60	20	Ø 14	N 40	8
E Palan 5	2800	5	75	25	Ø 20	N 40	10



Comfort & Mooring

For your onboard comfort, all sorts of ideas for onboard well-being both at sea and moored

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Adjustable cleat for lazy & cover

Lazy-jack blocker **T-lazy®**

3103010120	T-I3 C
3103010110	T-I3 R

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Adjustable fender cleat

Fender blocker **E T-bat®**

2108010120	T-b8
2110010120	T-b10

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Comfort cushion

Lab One® ▸ Bean-bag

20351	Lab One® blue
20352	Lab One® grey

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Adjustable textile cleat

Pad-line® the perfect solution to store your ropes and sheets on board.

4102010002	Pad-line R2
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Spliceable rope with cover

Nodex Protect®, cordage épissable en Nodex surgainé thermo-plastique noir. Seule tresse qui n'accuse aucun fluage.

20353	NP 5
20354	NP 6
20355	NP 7
20356	NP 8

Comparison chart : comfort on board

Comfort & Mooring	T-Lazy®	T-Bat®	Lab-One®	Pad-line®	Nodex Protect®
Use	Adjustable cleat Lazy-back	Adjustable fender cleat	Cockpit comfort cushion In Grey and Navy Blue	Rope storage	Rope with TPU cover
					
Breaking load	≥440kg/1100kg	≥1100kg/1600kg	/	≥ 200 kg	≥900kg/4050kg
Rope	Nodex R1 & R2	Nodex R1	/	Nodex R2	Nodex + TPU
The +	Quick setting Easy to use	Quick set up Easy to use	Comfort	Easy assembly Ready to use	Spliceable cable with cover No creep
Seal area 40nds	/	/	/	/	/
Ø Pulley sheave	/	/	/	/	/
Imperdable	X	/	X	X	/
Abrasion strenght	++++	++++	++++	++++	+++++
Protect coating	/	/	/	X	/
Pre-stretched	/	/	/	/	X
System block®	X	/	/	X	/

Adjustable cleat for lazy & cover T-Lazy®



Product name	Rope Ø	Breaking load	Adjustable loop	Weight
	R1 & R2	Cordage	Mini/Maxi	
	mm	Kg	cm	gr
E T-I3 C	3	440	45 /85	18
E T-I3 R	3	1100	45/85	16



E T-Lazy® - Adjustable strope for lazy-jack & cover

E T-lazy, adjustable cleat on strope 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

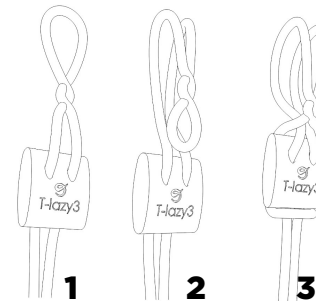
Specifications

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

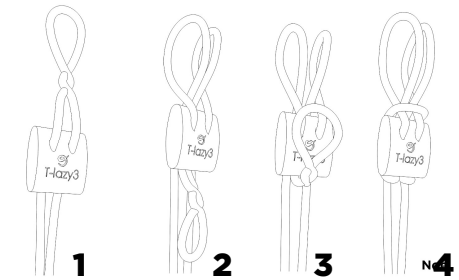
Mounting

- 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®



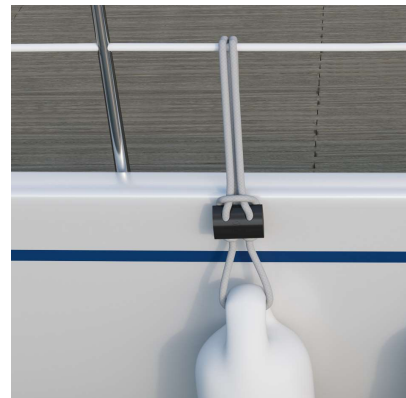
Knot Grip®



Adjustable fender cleat T-bat®



Product name	Rope Ø	Breaking load	Adjustable Loop Mini/ Maxi	Adjustable Loop Mini/ Maxi
	Polyester	Cordage	Filière basse	Filière haute
	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 strope for fender

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

Use

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

Advantages

- Adjustable strope, 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

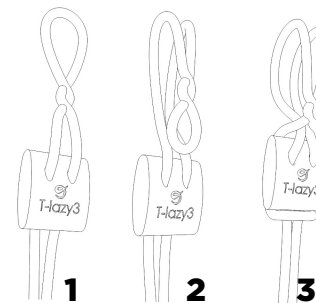
Specifications

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

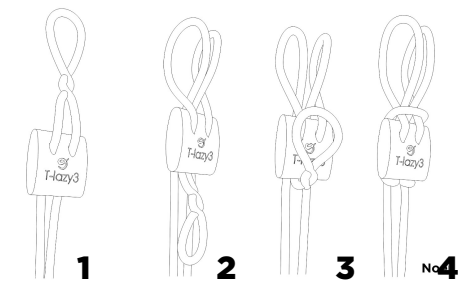
Mounting

- Pass the strope 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

Knot Cap®



Knot Grip®



Comfort cushion



Product name	Width	Height	Seat
	cm	cm	cm
Lab One Medium	50	64	45



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
- Side pocket with two compartments

Specifications

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

Adjustable textile cleat Pad-line®



Product name	Rope Ø	Material	Quantity
	Nodex R1		
	mm	Polyester lanyard	Unit
Pad-line K3	3	Adjustable length	1

Glue in option	Volume	Quantity	
Nodus-Loc® 12	12 ml	6 padeyes	Depending on the material



Pad-line® - Textile cleat to be glued or screwed

Textile cleat to be glued or screwed, the Nodus Pad-line®, is the perfect solution to store your ropes and sheets on board (ready to be used again).

Use

- ❑ Thanks to the adjustable rope you can adapt the cleat Nodus Pad-line to your needs.
- ❑ lanyard K3 or the special rope in elastomer T3 (spi bag special)

Advantages

- ❑ Easy to install, fixing with screws or with a Sika glue or our bi-components glue Nodus-Loc® for high loads.
- ❑ Optimised ergonomoy,
- ❑ no salient or abrasive part
- ❑ Reliable and maintenance free

Specifications

- ❑ eady-to-use Padeye glass-fiber and mixed carbon 60% reinforced PA Length 45 mm & width 35 mm
- ❑ T-close Shackle, Glass-fiber reinforced PA
- ❑ Textil Nodex R1 (choice of colors) - reference K3
- ❑ 316 Stainless steel screw - dimension 2,9 mm / 18 mm (not included)

Nodus & tricks

- coil the halyard correctly and pass the lanyard through the hank and hook it up to t-close shackle.
- ideal to hang the halyards in the cockpit near the rope stoppers.

Nodex® rope with cover



Nodex Protect® – Spliceable rope with cover

Nodex Protect®, Nodex® spliceable rope with black thermo-plastic cover. It is the unic rope without creep (no lengthening under constant high load).

Use

- Ideal to protect the rope from abrasion (downhaul, life-line, warps...)
- Can substitute a standard cable with a dimensional stability.
- backstay, running backstay and shrouds
- Standing rigging, lashing, stropes...

Advantages

- Abrasion resistant
- Shocks and cuts resistant Résistant aux chocs et aux coupures
- Oil and solvent resistant
- Easily spliceable
- Incredible lifespan (10 years in normal use at least).
- Floating
- Humidity free
- Dimensional stability

Specifications

- Thermo-plastic cover, 1,5 to 4 mm depending on the rope diam.
- Pre-stretch Nodex® rope, 12 soaked spindle braiding

Nodus & tricks

- Improve the slide of your headsail foots without damaging them, using our Nodex® rope.

Product description	Rope Ø	Breaking load	Cover Ø
	R2 S		Thermo-plastic
	mm	Kg	mm
NP 5	3	900	5
NP 8	6	4050	8



Range of use « Connector on strope »

T-close		Strope				
Sail m2	Rope	6 mm	8 mm	10 mm	12 mm	14 mm
Upwind		E T-close 3	E T-close 5	E T-close 6	E T-close 8	E T-close 8
	Strope Ø	3 mm	4 mm	5 mm	6 mm	7 mm
Wind Bft	Wind nds	m2	m2	m2	m2	m2
8 Bft	40	26	55	78	113	113
Sail m2	rope	6 mm	8 mm	10 mm	12 mm	14 mm
downwind		E T-close 3	E T-close 5	E T-close 6	E T-close 8	E T-close 8
	Ø Strope	3 mm	4 mm	5 mm	6 mm	7 mm
Wind Bft	Wind nds	m2	m2	m2	m2	m2
8 Bft	40	41	86	122	175	175

T-bone		Strope				
Sail m2	Rope	6 mm	8 mm	10 mm	12 mm	14 mm
Upwind		E M6	E M8	E M10	E M12	E M14
	Strope Ø	3 mm	4 mm	5 mm	6 mm	7 mm
Wind Bft	Wind nds	m2	m2	m2	m2	m2
8 Bft	40	43	59	89	125	188
Sail m2	rope	6 mm	8 mm	10 mm	12 mm	14 mm
downwind		E M6	E M8	E M10	E M12	E M14
	Ø Strope	3 mm	4 mm	5 mm	6 mm	7 mm
Wind Bft	Wind nds	m2	m2	m2	m2	m2
8 Bft	40	66	92	139	195	293

Œil épissé		Eye Strope & hoist strope				
Sail m2	Rope	6 mm	8 mm	10 mm	12 mm	14 mm
Upwind		E œil 3	E œil 4	E œil 5	E œil 6	E œil 7
	Strope Ø	3 mm	4 mm	5 mm	6 mm	7 mm
Wind Bft	Wind nds	m2	m2	m2	m2	m2
8 Bft	40	54	99	154	214	324
Sail m2	rope	6 mm	8 mm	10 mm	12 mm	14 mm
downwind		E œil 3	E œil 4	E œil 5	E œil 6	E œil 7
	Ø Strope	3 mm	4 mm	5 mm	6 mm	7 mm
Wind Bft	Wind nds	m2	m2	m2	m2	m2
8 Bft	40	85	154	239	333	504

T-sail		Strope		
Sail m2	Rope	4 mm	5 mm	6 mm
Upwind		E T-sail 5	E T-sail 6	E T-sail 7
Wind Bft	Wind nds	m2	m2	m2
8 Bft	40	27	47	74
Sail m2	Rope	4 mm	5 mm	6 mm
downwind		E T-sail 5	E T-sail 6	E T-sail 7
Wind Bft	Wind nds	m2	m2	m2
8 Bft	40	43	73	115

T-drop		Strope			
Sail m2	Rope	8 mm	10 mm	12 mm	14 mm
Upwind		E T-d 12	E T-d 12	E T-d 16	E T-d 16
Wind Bft	Wind nds	m2	m2	m2	m2
8 Bft	40	21	33	30	30
Sail m2	Rope	8 mm	10 mm	12 mm	14 mm
downwind		E T-d 12	E T-d 12	E T-d 16	E T-d 16
Wind Bft	Wind nds	m2	m2	m2	m2
8 Bft	40	33	33	47	47

NØDUS

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