

COLLIGO MARINE®

Rigging Reduced to its Elegant Essentials™



Charlie Devanneaux and Fred Courable in the 2019 Transpac
with Colligo Dux Standing Rigging.

Check Us Out!

- Colligo Dux Standing Rigging
- Code & Spinnaker Furlers
- ELHF Jib Furling system.
- Other *REALLY* cool stuff

Colligomarine.com

001.480.703.3675

1165 Highland Way

Grover Beach, CA 93433

Info@colligomarine.com

COLLIGO MARINE®

Rigging Reduced to its Elegant Essentials

*From traditional sailing craft to modern multihulls, Mini-class racing boats and classic yawls, Colligo Marine offers simple, elegant and robust standing-rigging solutions for the discerning sailor. Form follows function in all of our products, which are custom designed in our California studio, prototyped by sailors around the world, and shipped directly to our customers. Browse the site to see what's on offer or **contact us** for more information. Thanks for visiting.*

*-John Franta & the **Colligo Marine Team***

WHY COLLIGO MARINE?

Colligo Marine offers the best value engineered synthetic standing rigging on the market. From traditional sailing craft to modern multihulls, Mini-class racing boats and classic yawls, Colligo Marine has simple, elegant and robust standing-rigging solutions for the discerning sailor. Our innovative technology has enabled us to create the safest standing rigging system. Colligo Dux Standing Rigging system is fully inspectable with visible failure mod cues. Our standing rigging has low stretch properties that surpass that of steel and take advantage of the low weight & corrosion-free properties. To date, we have provided standing rigging to over 900 sailboats worldwide, cruisers, racers, multihulls, monohulls, and even backstayless B&R rigs. Colligo Dux, engineered for performance and designed for durability.



LUFF LINE AND CODE STYLE FURLERS

Furler	Safe Working Load	Bearings Drive End	Drive Diameter	Drive and line Diameter
CF1.5	3000	Torlon-Serviceable	112mm (4.4")	8 mm
CN3	3000	Double Row Sealed	160 mm (6.3")	8 mm
CN5	7000	Double Row Sealed	185 mm (7.3")	8 mm

Luff Line Furlers offer the simplest method for handling headsails. Our continuous line luff curlers are designed for headsails, such as gennakers, screechers, code zeros or even staysails. Just roll them up and drop them down.

Colligo Furlers are designed for long life, and ease of use.

Our CN3 and CN5 Furlers use sealed angular contact bearings in a sealed environment for redundant protection.

Our new CF Furlers use Torlon bearings in a maintenance free, sealed environment that allows for disassembly and cleaning - if circumstances dictate and are very lightweight.

All of our upper swivels are sealed and use either Torlon or ceramic ball bearings and can be disassembled for maintenance if needed.

- 2/1 Haulout option available
- Snapshackle option available
- Loupe Connector also available

See our website for more information on our Luff Line Furlers. colligomarine.com



CF1.5 Furler



CN3 Furler



CN5 Furler

SPINNAKER FURLERS

Furlers	Safe Working Load	Bearings Drive End	Drive Diameter	Drive Line Diameter
CF1.5S	3000	Torlon - Servicable	112 mm (4.4")	8 mm
CN3S	3000	Double Row Sealed	160 mm (6.3")	8 mm
CN5S	7000	Double Row Sealed	185 mm (7.3")	8 mm

Our top down Spinnaker Furlers are a great way to handle a spinnaker sail. Just roll them up and drop them down. Styled after our Luff Line Furlers with the addition of a Torlon bearing supported tack swivel. This allows the tack to swivel independently of the head of the sail as the sail is being furled in. Essential for a great operation in any top down style spinnaker furler system is the torque rope. Our torque rope system offers the best torsional stiffness of any braided line on the market. We use a unique clamping system for end terminators that allows for adjustment on the length to maximize hoist length.



CN5S Spinnaker Furler System



CF1.5S Spinnaker Furler System



CN3S Spinnaker Furler System

For more information on our Spinnaker Furlers see our website! colligomarine.com

EXTRA LIGHT HEADSAIL FURLING SYSTEM (ELHF)

Our ELHF 1.0 System is an easy retrofit on any sailboat to 40 ft. It allows the use of existing hank on sails. The system is much lighter than existing furling systems. In addition, structural furlers today use a torque rope that is sewn into the sail, which means the forestay has to be dropped to drop the sail. This requires redundancy in the rig and sail plan as other headstays are needed. The ELHF 1.0 System allows you to lower the sail without lowering the headstay and still gives you the lightweight and low windage of a synthetic forestay furling system. It is also a great product for OEM boatbuilders as it is so lightweight.

Advantages:

1. Much lighter than extrusion style furlers
2. Low windage
3. Advantages of a structural furler with the ability to lower the sail and leave the headstay intact
4. Uses existing halyard system for hoisting and tensioning
5. Clamp system allows adjustability of headstay length
6. Good for boats up to 60 feet
7. Can be used with all straight luff style of sails, jibs, genoas, code sails, etc.



Introducing the ELHF, Extra Lightweight Headsail Furling System.

For simple rig purchases, check out our RigBuilder and colligomarine.com!

Also, for more information on our ELHF System [here](http://tinyurl.com/colligomarineELHFsystem):

<http://tinyurl.com/colligomarineELHFsystem>

LINE TERMINATOR END FITTINGS

Patented

Part Number	CSS70	CSS71	CSS72	CSS73	CSS74	CSS75	CSS76	CSS77	CSS71-O	CSS72-O
Pin Size with Sleeve	0.25" (6.4mm)	.5" (12.8mm)	.625" (15.875mm)	3/4" (19mm)	.375" (9mm)	.5" (12.8mm)	7/8" (22mm)	1" (25.4mm)	Lashing Only	Lashing only

Our patented Line Terminator End Fitting for high modulus lines are the strongest and safest end terminators available for spliced lines. The large diameter preserves line strength while the large line slots protect the line where it needs it the most, at the bend. We have line terminators for pinning to brackets or turnbuckles, or lashing to just about anything. Made with aircraft grade aluminum that is polished and hardcoat anodized for corrosion protection. Great for Shrouds, Forestays, Inner Forestays, Babystays, Backstays, Checkstays, Running Backstays, Bobstays, Bowprit Shrouds, etc. *Custom Sizes available.*

For simple rig purchases, check out our Rig Builder at colligomarine.com!

CSS75 A Furlinator
(furler line terminator
for Torque lines)



CCSS75, Furlinator,
(furler line terminator
for torque lines
(9-13mm))



Extremely lightweight
line terminator



CHAINPLATE DISTRIBUTERS

Patented

Traditional Chainplate Distributors							
Part Number	CSS60	CSS61	CSS62	CSS62.5	CSS63	CSS95	CSS95L
Pin Size with Sleeve	0.25" (6.4mm)	0.5" (12.8mm)	0.625" (15.875mm)	0.625" (15.875mm)	0.875" (22.225mm)	0.5" (12.8mm)	0.5" (12.8mm)

Male (Carbon) Chainplate Distributors						
						Snap Shackle Distributor
Part Number	CSS90	CSS91	CSS92	CSS93	CSS94	CSS96
Pin Size with Sleeve	0.25" (6.4mm)	0.5" (12.8mm)	0.625" (15.875mm)	0.750" (19.05mm)	0.375" (9.525mm)	0.375" (9.525mm)

Our patented Chainplate Distributors are designed to connect lashing systems to the deck or other hardware. They are designed for light weight and maximum efficiency, maintaining line separation for ease of adjustment and to form an attractive hourglass figure for a very secure lashing. The tighter the shroud or stay, the tighter the lashing. The lashing hole separation allows for incremental increases in tension when tightening and

makes tying and untying the lashing much easier. Made from aircraft grade aluminum and hardcoat anodized.

On the left is our CCSS61 Distributor with CSS71 Line Terminator showing the hourglass shape of a well executed lashing.

Check out our [Rig Builder](#) for fast and simple rig orders at colligomarine.com



Female Chainplate Distributors



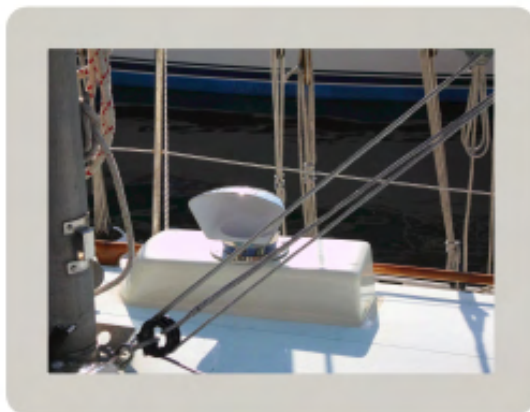
Male (or Carbon)

Chainplate Distributors

STATIC LASHING BLOCKS

Sold with or without soft shackles, our Static Lashing Blocks offer incredible flexibility. There are rigging options for any boat. Made with aircraft grade aluminum, our static blocks are designed for the running line to run through the slot, offering lower friction and a larger bending radii for longer life. Featuring our new double blocks sold separately or in a high strength, extremely lightweight, purchase system.

CSS242s used in a Boom Vang Purchase System on an offshore cruising boat.



CSS42

CSS142



CSS242

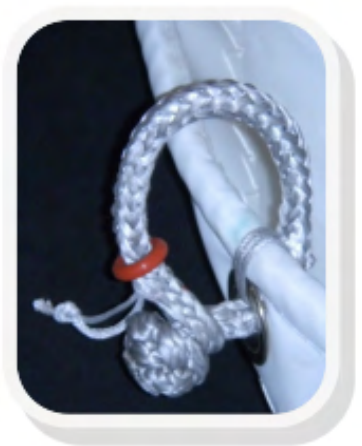
CSS42 used as a 2/1 purchase block.



CSS41	Static Lashing Block, 3-6 mm
CSS42	Static Lashing Block, 7-9 mm
CSS43	Static Lashing Block, 11-13 mm
CSS141	Enhanced Static Lashing Block, 3-6 mm
CSS142	Enhanced Static Lashing Block, 5-7 mm
CSS143	Enhanced Static Lashing Block, 11-13 mm
CSS242	Double Enhanced Static Lashing Block, 5-7 mm, with lashing line
CSSPS242	Purchase System, 5 mm dux, 20-48 inch travel, 5,000 lbs SWL

SOFTIE SOFT SHACKLES

<u>Number</u>	<u>Size (ID x thickness)</u>	<u>SWL</u>	<u>Break Strength</u>
CSS102	1.5" (38mm) x 1/4" (6 mm)	2,000 lbs	5,000 lbs
CSS104	1.5" (38mm) x 3/8" (9 mm)	4,000 lbs	10,000 lbs
CSS117	4" (102mm) x 0.5" (12.5mm)	8,000 lbs	20,000 lbs
CSS119	5" (127mm) x 0.69" (17.5mm)	14,000 lbs	31,000 lbs
CSS121	6" (152mm) x 0.85" (22mm)	18,400 lbs	46,000 lbs



CSS102 used as a soft hank, tied on with Dyneema twine.

Made from Dyneema SK - 75 or Dynex Dux (larger sizes) our Softie Soft Shackles are all pull tested to their safe working loads so you can have confidence that they will hold the load specified. Our Shackles use a handy leash that makes opening them up very easy. Use them anywhere you would use a normal shackle as long as there are no sharp edges. Much stronger than steel equivalents. Great for eliminating noisy metal shackles or head banging risks with metal shackles on sheet ends, halyard ends, etc.



i Loupes™ Infinite Loops of Dyneema



Made from Dyneema SK75, these Loupes are great for connecting to just about anything. Lightweight and very strong, each one is pull tested to its SWL, and its breaking strength is certified.

Break Strength (Vertical)	Part Number	Size	Vertical Geometry		Basket Geometry		Choker Geometry	
5 mm Loupe			lb	kg	lb	kg	lb	kg
4,000	CSSL5-75	3" (75mm) Dia.	1000	455	2000	909	800	364
4,000	CSSL5-100	4" (100mm) Dia.	1000	455	2000	909	800	364
4,000	CSSL5-150	6" (150mm) Dia.	1000	455	2000	909	800	364
7mm Loupe								
6,000	CSSL7-75	3" (75mm) Dia.	1500	682	3000	1364	1200	545
6,000	CSSL7-100	4" (100mm) Dia.	1500	682	3000	1364	1200	545
6,000	CSSL7-150	6" (150mm) Dia.	1500	682	3000	1364	1200	545
9mm Loupe								
12,000	CSSL9-125	5" (125mm) Dia.	3000	1364	6000	2727	2400	1091
12,000	CSSL9-175	7" (175mm) Dia.	3000	1364	6000	2727	2400	1091
12,000	CSSL9-225	9" (225mm) Dia.	3000	1364	6000	2727	2400	1091



SOFT SNATCH BLOCKS

Patented

Our award winning Soft Snatch Blocks. The blocks have no moving parts and work great with low friction lines like Dyneema. The soft shackle allows for attachment without the need for the line end. Great for Spinnaker sheet leads, external mast blocks for halyards, tweekers, etc. High strength and very low weight. Available without the soft shackle also.

CSS341	Soft Snatch Block, 5-9 mm line, 5,000 SWL
CSS341BL	Snatch Block without Soft Shackle 5-9mm line
CSS341.5	Soft Snatch Block, 9-12 mm line, 5,000 SWL
CSS341.5BL	Snatch Block without Soft Shackle 9-12 mm line
CSS342	Soft Snatch Block, 10-16 mm line, 10,000 SWL
CSS342BL	Snatch Block without Soft Shackle 10-16 mm line



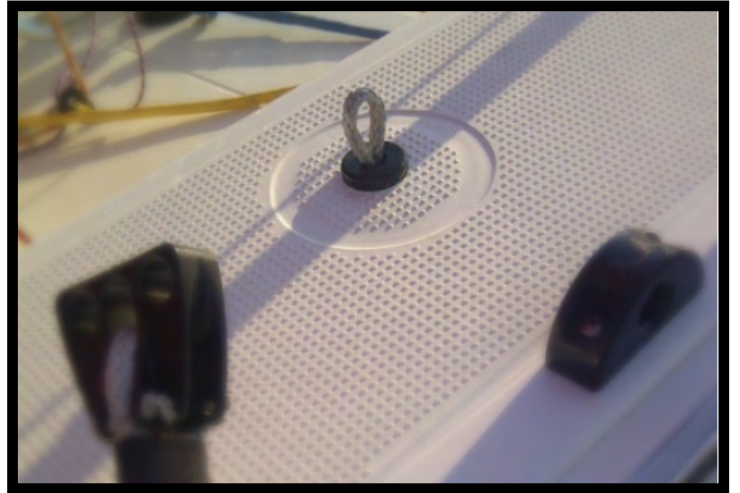
Our Soft Snatch Blocks and Soft Padeyes were both winners of the 2012 Pittman award for Innovation.



SOFT PADEYES

Patented

These reusable Soft Padeyes are perfect for applications where a standard stainless padeye would be a real toe-stubber! The waterproof Soft Padeye prevents water from entering into the boat and can be used anywhere you would use a stainless padeye. They're lightweight, super strong and ultra-useful!



The provided Dyneema loop is lightweight and can be changed when needed. The loop is perfect for leads, spinnaker, or even staysail tacks.

Did we mention that our Soft Padeyes are now at a *new lower price*? For only \$79.99 you can get yours today! **Check out** colligomarine.com



CHEEKY TANG MAST CONNECTORS

Patented

The “right” way to connect synthetic shrouds to your mast! Our connections are essentially custom Cheek Blocks that are mounted to the side of your mast. Lightweight and with no moving parts these fittings allow you to just place a spliced loop on them. As simple as it gets. There are really great for fixed masts also. The shroud is fully inspectable and is virtually the safest method of connecting shrouds to a mast. Locking screw holds the spliced loop on even with a flopping shroud. In four sizes. All have a thin rubber backing for isolation. Now the T-fitting adaptors also turn a coastal fitting into something much more robust for offshore travels.

Dyneema Cheeky Tangs are for double lower shrouds or combination connectors for Caps/Runners, etc.



9-11 mm Cheeky Tangs



Cheeky tangs with thru bolt for mast

chkytng 5-7	Cheeky Tang for 5-7 mm line, Up to 1/2" thru bolt
chkytng 9-11	Cheeky Tang for 9-11 mm line, Up to 5/8" thru bolt
chkytng 11-13	Cheeky Tang for 11-13 mm line, Up to 3/4" thru bolt
chkytng 15-17	Cheeky Tang for 15-17 mm line, Up to 1 1/4" thru bolt
chkytngdbl 5-7	DBL Cheeky Tang for 5-7 mm line, Up to 1/2" thru bolt
chkytngdbl 9-11	DBL Cheeky Tang for 9-11 mm line, Up to 5/8" thru bolt
chkytngdbl 11-13	DBL Cheeky Tang for 11-13 mm line, Up to 3/4" thru bolt
chkytngdbl 15-17	DBL Cheeky Tang for 15-17 mm line, Up to 1 1/4" thru bolt

FORK FITTINGS

This fitting is very flexible. It can be used on the mast for connecting to a tab or on deck connecting to a chainplate. It can be used to set up a 3/1 purchase system, simple and elegant. It can be spliced directly, or a whoopee sling setup can be used for tensioning. These work great on Beachcats! The Colligo Fork Fitting is designed with a radiused slot and a large hole with a very generous radius.



CSS61-F



CSS60-F



CSS95-F




CSS60-F on a beach cat Bridge System.

Colligo Marine Fork Distributors

CSS60-F	3-6mm line	1/4" pin size
CSS95-F	5-7 mm line	3/8" Pin Size
CSS61-F	7-9 mm line	1/2" pin size


Line can be spliced thru the hole or thru the slot, or both!



CSS60-F





CSS95-F



CS61-F



<div style="display: flex; justify-content: space-between;"> <div> Part No. See Note on Finish </div> <div> DATE AND MATERIALS REVISIONS </div> <div> DESIGNED BY Colligo Marine, LLC </div> <div> DRAWN BY </div> </div>			
DESIGNED BY 	CHECKED BY 	DATE 1/24/11	SCALE
APPROVED BY 	MATERIALS 	DATE 	SCALE
DATE 	REVISIONS 	DATE 	SCALE
SHEET 1 OF 1			A3

STACKERS, STACKABLE STATIC LASHING

These are lightweight static blocks with an integrated becket that can be stacked together to provide a purchase system from 2/1 up to a 5/1. They are designed for slippery lines like Dyneema and offer a very strong and simple alternative



to bearing blocks. Stackers are a great solution for challenges that offer a high load/low travel or low load/high travel situation where their simplicity and lightweight are beneficial.

Can be used with a soft shackle or spliced directly into a running back or other rigging for an integrated purchase system.

Lashing holes included for securing the running line.

Dynamic line can be run to clear or lashed off on the system itself.

Available in 3 sizes:

Up to 6 mm running line. SSB-6

6-9 mm running one. SSB-9

9-14 mm running line SSB-14



A single block that can easily be made into a double or even a triple block system. These blocks can also be lashed together becket style. See the website for more information.



Our Stackers have
won an honorable
mention Dame Award



LINE GUIDES (FAIRLEADS)

Colligo Line Guides (fairleads) help to organize your deck and lead your lines fairly back to the cockpit. Now available in oval shapes.



CNOLG16



CN34BLK2

CN33BLK1



CN33BLK2



Opening Oval
Line Guide
CNOLG16QR



CN342QRS



CN33BLK4

CN33BLK4	Line Guide, 4 Line, Black
CN33BLK2	Line Guide, 2 Line, Black
CN33BLK1	Line Guide, 1 Line, Black
CNOLG16	Oval Line Guide, 16mm x 52mm
CNOLG16QR	Oval Line Guide, Opening, 16mm x 47mm
CNOLG22	Oval Line Guide, 22mm x 74mm
CN34BLK4	Line Guide, 2 piece, 4 Line, Black
CN34BLK2	Line Guide, 2 piece, 2 Line, Black
CN34QR	Quick release line guide, 2 line, deck mount, Delrin
CN34QRS	Quick release line guide, 2 line, 1" stanchion mount, Delrin
CN34BLK2S	Line Guide, 2 piece, 2 Line, Black for 1" dia Stanchions
CN34BLK2S1.25	Line Guide, 2 piece, 2 Line, Black for 1.25" dia Stanchions

TORQUE LINES AND CLAMPS

Patented and Patent Pending

Our Patent Pending Rope Clamp works with all cross braided Torque or Luff Lines. Top down spinnaker furriers, code zeros, gennakers, etc. This clamp makes the time consuming process of attaching end fittings to torque lines into a virtual pleasure. It takes 5 minutes to install and can be removed for length adjustment of the line. Now you can actually take the line on the boat and set the length precisely! Clamps can be doubled for more holding if needed.

***These clamps are only for lines designed for high torsional stiffness lines. See the website for more information on our line clamps and their applications*



RC 5-8	Torsion Rope Clamp, 5-8 mm OD line
RC 9-11	Torsion Rope Clamp, 9-11 mm OD line (investment casting)
RC12-13	Torsion Rope Clamp, 12-13 mm OD line
RC 14-15	Torsion Rope Clamp, 14-15 mm OD line
RC 15-17	Torsion Rope Clamp, 16-17 mm OD line
RC 18-19	Torsion Rope Clamp, 18-19 mm OD line



RC9-11



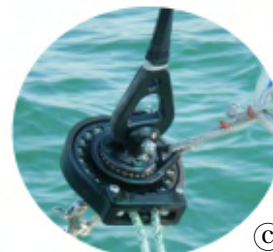
RC12-13

Torque lines

Our Torque Lines are custom luff lines for code zero style sails and torque lines for top down furled spinnakers. We have a custom line made for us using Dyneema Dux as the core and a proprietary cover that simply gives the best combination of low stretch and torque transmission.

CSS107CC	Torque Line, 9 mm OD
CSS109CC	Torque Line, 11 mm OD
CSS111CC	Torque Line, 13 mm OD
CSS113CC	Torque Line, 15 mm OD
CSS115CC	Torque Line, 17 mm OD
CSS117CC	Torque Line, 19 mm OD

13mm Torque line with CSS75A Furlinator



11mm Torque line on a CF 1.5 line Furler.

INTRODUCING REVO BLOCKS

A REVOLUTION IN SAILING BLOCK DESIGN

PATENT PENDING

Isn't it about time for a revolution?

Revolutionary, small footprint, dynamic blocks for running applications. 2/1, 4/1, 6/1 and 8/1 purchases available. 3d printed polymeric structural bodies with ceramic bearings and titanium shafts. Blocks are available for purchase complete or components with a print file for printing your own block bodies. Custom blocks or block prints are also available.

These blocks are revolutionary both in their small foot print compared to conventional block designs and in their manufacturing flexibility. The 8/1 Revo Block for 6mm line is less than 25% of the footprint of a conventional 8/1 block setup.



No Rust or oxidation, ever.

3D printing of the structural bodies allow for integrated washers, offsets, and other features, eliminating the need for extra parts and maintenance of those parts.

In addition, we are selling the 3D print of each block, allowing for remote replacement of the part as needed. For the first time you can print your own blocks as needed. Patent Pending.

RB6-2	2/1 Dynamic Block up to 6 mm line
RB6-4	4/1 Dynamic Block up to 6 mm line
RB6-6	6/1 Dynamic Block up to 6 mm line
RB6-8	8/1 Dynamic Block up to 6 mm line
RB9-2	2/1 Dynamic Block 7-9 mm line
RB9-4	4/1 Dynamic Block 7-9 mm line
RB9-6	6/1 Dynamic Block 7-9 mm line
RB9-8	8/1 Dynamic Block 7-9 mm line



Colligo Revo Blocks, has been nominated for the DAME Design Award 2018! It is in the category Deck equipment, sails and rigging.

COLLIGO DUX SYNTHETIC STANDING RIGGING

The best Synthetic Standing Rigging option for a multitude of reasons:

1. 1/4 to 1/5 the weight of steel systems.
2. The safest standing rigging systems, fully inspectable with visible failure mode cues. When sized by our methods the rig is 2-5 times stronger than wire or rod rigging providing a much larger factor of safety.
3. Best UV resistance , uncovered, predicted 5-8 years life in the tropics now and will probably get better when more data comes in.
4. Lowest cost as it is generally 1-1.5 times the cost of wire.
5. Very do it yourself friendly, easily spliceable and replaceable.

We make shrouds and stays to 90 feet that are sized for equivalent stretch and to virtually eliminate creep issues.



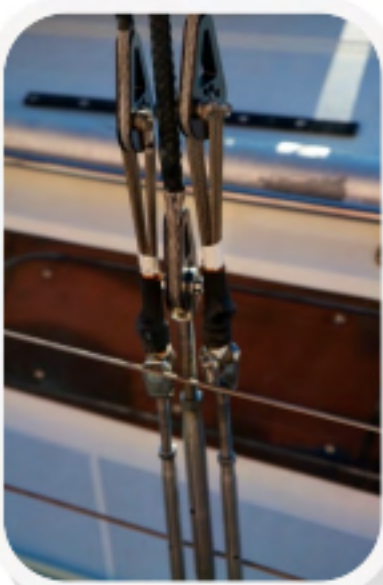
Split backstay



Lifelines



Turnbuckle Tensioning Systems



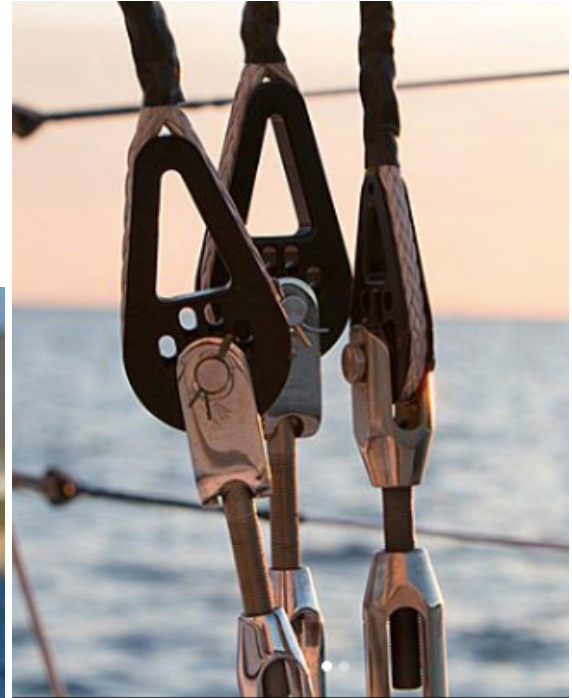
Pin or Lash Turnbuckles



Diamond Stays on Masts

COLLIGO MARINE®

RIGGING REDUCED TO ITS ELEGANT ESSENTIALS



Colligo Marine, LLC

1165 Highland Way

Grover Beach, CA 93433

001.480.703.3675

info@colligomaine.com

See many more great synthetic rigging
ideas in our photo section at
www.colligomaine.com