

LOOP[®]
PRODUCTS

Innovative german products.



KOHLHOFF
specialized in deck equipment



Dear Customer,

I started to develop the first LOOP® Product in 2005. Sailing on several racing boats, I missed a strong and light Block. That was the beginning of our LOOP® Block, the first LOOP® Product. Many things happened since these days and now we have a wide range of different LOOP® Products. Beginning with the easy-to-handle LOOP® Block and ending with our new LOOP® Lock. We will continue developing innovative products "Made in Germany" to present sailors worldwide a high quality collection of useful products.

Best regards,

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LOOP[®] PRODUCTS

by

KOHLHOFF

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KOHLHOFF **LOOP® Shackles** are the basic part of all Kohlhoff Loop® Products. Kohlhoff offers a twin loop rope shackle which is easy to use, extremely strong and safe.

KOHLHOFF **LOOP® Shackles** are made of Gottifredi Maffioli's Compact Braid, a polyurethane coated Dyneema® SK75 single braid. This high tech material is very strong, light, and waterproof with outstanding abrasion resistance and very low stretch.

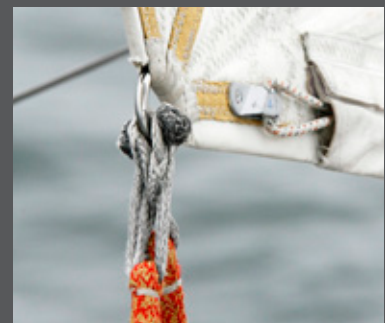
KOHLHOFF **LOOP® Shackles** are light and compact. Thanks to its flexibility KOHLHOFF **LOOP® Shackles** can be used everywhere, also at difficult to access locations. They do not cause any damages to deck, hull, superstructure or rig. They do not sink when dropped overboards and they are reasonable priced. KOHLHOFF **LOOP® Shackles** are available in different diameters and various lengths. Customized sizes are available on request.



The LOOP® Shackle - Easy to open, easy to use.



Light and strong.



For the everyday use, Application: LOOP® Shackle on a Genoa Sheet.

Product No.	Description	Material	Rope Dia.	Length open	MWL
L2-075-2	LOOP® SHACKLE 2 - Short Loop Shackle 2 mm	Dyneema SK75	2 mm	75 mm	200 kg
L2-090-2	LOOP® SHACKLE 2 - Standard Loop Shackle 2 mm	Dyneema SK75	2 mm	90 mm	200 kg
L3-100-2	LOOP® SHACKLE 3 - Standard Loop Shackle 3 mm	Dyneema SK75	3 mm	100 mm	400 kg
L4-110-2	LOOP® SHACKLE 4 - Short Loop Shackle 4 mm	Dyneema SK75	4 mm	110 mm	600 kg
L4-200-2	LOOP® SHACKLE 4 - Standard Loop Shackle 4 mm	Dyneema SK75	4 mm	200 mm	600 kg
L5-120-2	LOOP® SHACKLE 5 - Short Loop Shackle 5 mm	Dyneema SK75	5 mm	120 mm	1000 kg
L5-230-2	LOOP® SHACKLE 5 - Standard Loop Shackle 5 mm	Dyneema SK75	5 mm	230 mm	1000 kg
L6-150-2	LOOP® SHACKLE 6 - Short Loop Shackle 6 mm	Dyneema SK75	6 mm	150 mm	1500 kg
L6-270-2	LOOP® SHACKLE 6 - Standard Loop Shackle 6 mm	Dyneema SK75	6 mm	270 mm	1500 kg
L8-190-2	LOOP® SHACKLE 8 - Short Loop Shackle 8 mm	Dyneema SK75	8 mm	190 mm	2500 kg
L8-270-2	LOOP® SHACKLE 8 - Standard Loop Shackle 8 mm	Dyneema SK75	8 mm	270 mm	2500 kg

LOOP® High Load Shackles

LOOP®
PRODUCTS

The evolution of our original! Made of Gottifredi Maffioli's Ultra Wire, these Shackles are more than 70 % stronger than the original at same weight. Gottifredi Maffioli's Ultra Wire is a long-angle braided construction with an exclusive HTR treatment(pre-stretch and heat-setting). This makes our **LOOP® HighLoad Shackles** extremely light in combination with very high breaking strengths and minimal elongation. Like the original **LOOP® Shackles**, also the High Load Version doesn't cause any damages to deck, hull, superstructure or rig. They do not sink immediately when dropped overboard and because of their flexibility Kohlhoff **LOOP® High Load Shackles** can be used everywhere, also at difficult to access locations.



Product No.	Description	Material	Rope Dia.	Length open	MWL
LSUW6-260-3	LOOP® High Load shackle w. Velco	DSK-78 Ultra Wire	6 mm	260 mm	3000 kg
LSUW8-290-3	LOOP® High Load shackle w. Velco	DSK-78 Ultra Wire	8 mm	290 mm	5000 kg
LSUW10-340-3	LOOP® High Load shackle w. Velco	DSK-78 Ultra Wire	10 mm	340 mm	6000 kg
LSUW12-360-3	LOOP® High Load shackle w. Velco	DSK-78 Ultra Wire	12 mm	360 mm	7000 kg

Customized sizes are available on request.



The strongest LOOP® shackles worldwide.



FARR 400, Premiere Composite Dubai,
with LOOP® Padeyes and LOOP® Blocks.



KOHLHOFF LOOP® Hanks are nothing else than short rope shackles which are ideal to attach sails to the forestay.

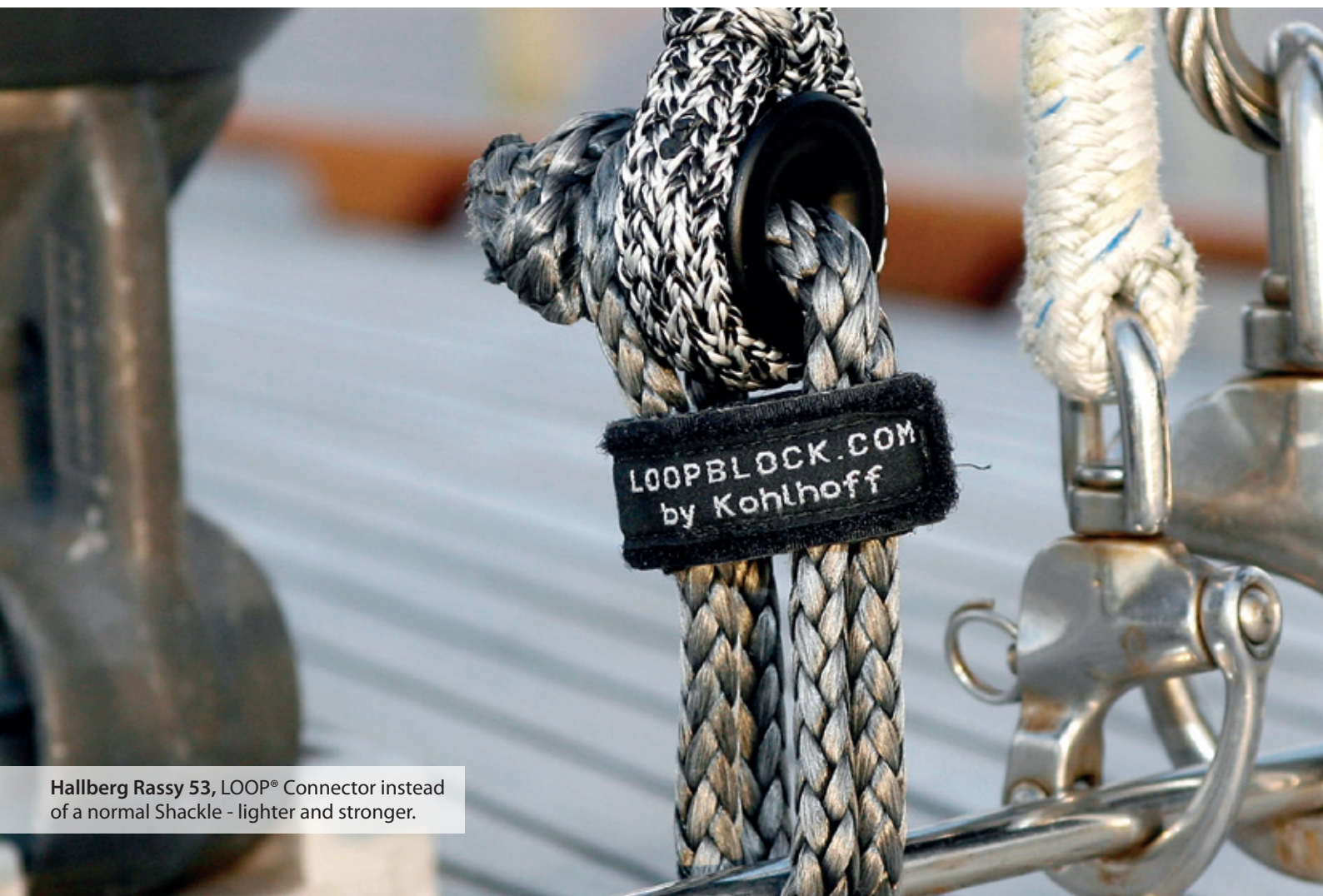
KOHLHOFF LOOP® Hanks are lightweight and small sized. They do not cause any stain spots on the sail. It is not necessary to tape them to protect the spinnaker.

KOHLHOFF LOOP® Hanks are strong and safe and can be easily removed without any tools.

KOHLHOFF LOOP® Hanks are available in different sizes and various lengths. Kohlhoff is also prepared to deliver customized sizes.

KOHLHOFF LOOP® Hanks are made of Gottifredi Maffioli's Compact Braid, a polyurethane coated Dyneema® SK75 singlebraid. This high tech material is very strong, light, and waterproof with outstanding abrasion resistance and very low stretch.

Product No.	Description	Material	Rope Dia.	Length open	MWL
LH2-075-3	LOOP® HANK 2 Standard Hank 2 mm	Dyneema SK75	2 mm	75 mm	200 kg
LH3-100-3	LOOP® HANK 3 Standard Hank 3 mm	Dyneema SK75	3 mm	100 mm	400 kg
LH4-110-3	LOOP® HANK 4 Standard Hank 4 mm	Dyneema SK75	4 mm	110 mm	600 kg
LH5-120-3	LOOP® HANK 5 Standard Hank 5 mm	Dyneema SK75	5 mm	120 mm	1000 kg
LH6-150-3	LOOP® HANK 6 Standard Hank 6 mm	Dyneema SK75	6 mm	150 mm	1500 kg
LH8-190-3	LOOP® HANK 8 Standard Hank 8 mm	Dyneema SK75	8 mm	190 mm	2500 kg



Hallberg Rassy 53, LOOP® Connector instead of a normal Shackle - lighter and stronger.

KOHLHOFF **LOOP® Connectors** are lightweight shackles made of a standard loop reinforced by a hard anodized aluminum alloy thimble that provides an exceptional strength-to-weight ratio together with Gottifredi Maffioli's Compact Braid which is used for the loop. This high tech material is very strong, light, and waterproof with outstanding abrasion resistance and very low stretch. KOHLHOFF **LOOP® Connectors** can be spliced into outhauls, sheets or halyards to replace standard shackles.



Product No.	Description	Material	Weight	For Ropes Dia.	MWL
LC08-3	LOOP® CONNECTOR 8 open version L5-120-3 w/Velcro	Dyneema SK75	22 g	8-10 mm	1000 kg
LC10-3	LOOP® CONNECTOR 10 open version L6-150-3 w/Velcro	Dyneema SK75	30 g	10-12 mm	2000 kg
LC12-3	LOOP® CONNECTOR 12 open version L8-210-3 w/Velcro	Dyneema SK75	70 g	12-14 mm	3000 kg



Three different sizes available.



The LOOP® Connector on for an outhaul shackle.

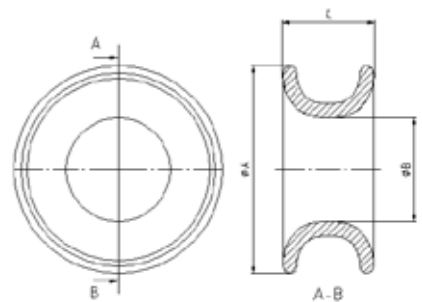
The LOOP® Woggle as a Jib inhauler,
LOOP® Shackles spliced into jib sheets.



LOOP® Thimbles

KOHLHOFF LOOP® Thimbles are simple thimbles which can be spliced into control lines. They are used to deflect sheets and control lines or for lashings.

KOHLHOFF LOOP® Thimbles are available in 6 different sizes. They are made of high strength aluminum alloy.



Product No.	Description	Material	OD	Width	ID	Deforms at kg = MWL
LTHIMBLE20A	LOOP® Thimble 20	Alloy	20 mm	12 mm	7 mm	150 kg
LTHIMBLE24A	LOOP® Thimble 24	Alloy	24 mm	11 mm	14 mm	1150 kg
LTHIMBLE30A	LOOP® Thimble 30	Alloy	30 mm	13 mm	15 mm	1750 kg
LTHIMBLE40A	LOOP® Thimble 40	Alloy	40 mm	16 mm	20 mm	2500 kg
LTHIMBLE50A	LOOP® Thimble 50	Alloy	50 mm	25 mm	22 mm	4000 kg
LTHIMBLE60A	LOOP® Thimble 60	Alloy	60 mm	30 mm	26 mm	5000 kg



LOOP® Ring



KOHLHOFF **LOOP® RINGS** are strong and maintenance-free rings made of hard anodized aluminum. They are used to deflect sheets or control lines and for lashings.



Product No.	Description	Material	Dimensions OD x Length	ID	MWL
LRING46	LOOP® Ring	Alloy	46 x 16 mm	25.5 mm	1500 kg

LOOP® Woggles

KOHLHOFF **LOOP® WOGGLES** are heavy duty sheet deflectors made of acetal. They can be spliced into control lines. KOHLHOFF **LOOP® WOGGLES** are available in 3 different sizes.



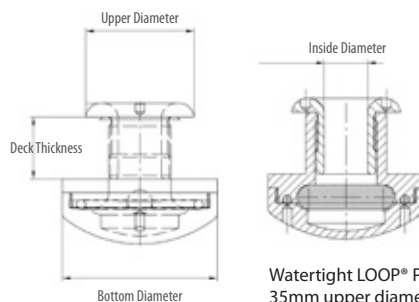
LOOP Woggle S/M/L

Product No.	Description	Material	OD x Length	ID	MWL
LWOGGLE-S	LOOP® Woggle S, for boats up to 40 ft	Alloy	38 x 32 mm	22 mm	1000 kg
LWOGGLE-M	LOOP® Woggle M, for boats up to 45 ft	Alloy	48 x 40 mm	30 mm	1500 kg
LWOGGLE-L	LOOP® Woggle L, for boats up to 60 ft	Alloy	59 x 50 mm	37 mm	3000 kg

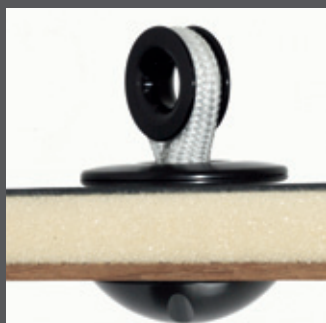


KOHLHOFF LOOP® Padeyes are through-deck fittings made of hard anodized aluminum alloy. Both parts are screwed together to provide easy adjustment for different deck thicknesses.

KOHLHOFF LOOP® Padeyes are available in waterproof and open versions. An optional pulled through Loop Shackle serves as a lightweight eye for the open version. The waterproof versions require an endless spliced loop which will be attached to a stainless steel pin.



Watertight LOOP® Padeye LPAD-14C with a nice small 35mm upper diameter and 50mm bottom diameter.



LOOP® Padeye 16C with cover and LOOP® Thimble 40.



Bottom side, Loop fixed with nitronic 50 dogbone.



LOOP® Padeye 10 and 10S.

Product No.	Description	Material	Weight	Bottom Diameter	Upper Diameter	Inside Diameter	Deck thickness	MWL <small>Depends on Loop strenght</small>
LPAD-10	LOOP® Padeye, open as a Fairlead	Alloy	36 gr.	50 mm	50 mm	10 mm	14-20 mm	Fairlead
LPAD-10S	LOOP® Padeye, open, small head on one side	Alloy	26 gr.	30 mm	35 mm	10 mm	14-20 mm	Fairlead

Also available in silver.

LPAD-12C	LOOP® Padeye, water proof, with Acetal cover	Alloy	46 gr.	50 mm	50 mm	12 mm	13-18 mm	1000 kg
LPAD-14C	LOOP® Padeye, water proof, with Acetal cover	Alloy	84 gr.	50 mm	35 mm	14 mm	20-30 mm	2000 kg
LPAD-16C	LOOP® Padeye, water proof, with Acetal cover	Alloy	166 gr.	68 mm	68 mm	16 mm	21-32 mm	2500 kg
LPAD-30C	LOOP® Padeye, water proof, with Acetal cover	Alloy	440 gr.	100 mm	100 mm	30 mm	25-40 mm	5000 kg

Supplied without a Dyneema Loop. Custom Loops can be supplied on request.

LOOP® Mast Padeyes

KOHLHOFF **LOOP® Mast Padeyes** are Mast fittings, made of hard anodized aluminium alloy. Because of a keyhole mechanism, they are easy to mount in the mast, without reaching the inside part.

The KOHLHOFF **LOOP® Mast Padeye** is ideal for attaching Runners or Innerforstays on alloy masts. We have also used them for attaching Trisailstays to big alloy masts. Available in 3 sizes from 750 to 3000 kg MWL.



Product No.	Description	Material	MWL
LPAD-MAST12	LOOP® MAST PADEYE	Alloy	750 kg
LPAD-MAST16	LOOP® MAST PADEYE	Stainless	1500 kg
LPAD-MAST30	LOOP® MAST PADEYE	Titanium	3000 kg



Easy mounting with a keyhole mechanism.



Very strong and very flexible.

LOOP® Bushes

Our KOHLHOFF **LOOP® Bushes** are a stylish and functional way for a deck opening. Made of Aluminum with a ten millimeter diameter, they can easily be cut in the right length. We use them for control lines and Sportsboats. They can also be glued into carbon main booms for Lazy Jacks.



Product No.	Description	Material	OD	ID	Overall Height
LBUSH-10	LOOP® BUSH, cuttable in length	Alloy	30/15 mm	10 mm	28 mm

Also available in silver.

Other dimensions on request.



LOOP® Block 45 on a 55qm main
on a modern 40ft. cruiser/racer.

KOHLHOFF **LOOP® Blocks** are compact and lightweight multi purpose snatch blocks fastened with a loop. The short standard loop minimizes the damage to deck, hull or superstructure. Longer loops are available to extend the range of use and allow the block to swivel. Due to its construction the loops always remain easy to unfasten even after full loading. KOHLHOFF **LOOP® Blocks** are weight saving, compact sized and easy to use.

KOHLHOFF **LOOP® Blocks** are available with plain bearings or ball bearings. The ball bearing blocks in fact have a two stage bearing. At lower loads the ball bearing minimizes friction, at higher loads the plain bearing comes into effect. The loops are covered with extra Dyneema® to provide a smooth surface and to increase the abrasion resistance. They are terminated by a diamond knot or a pin.



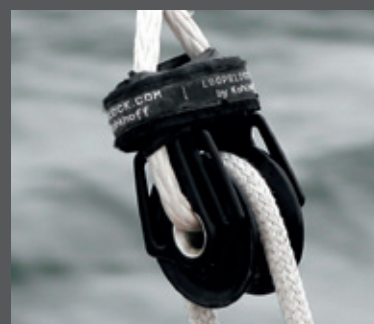
LOOP BLOCK 60 NB



LOOP® Block LB-60-4BB on a Hanse 630 Race.



2:1 Main Halyard Block LB60-3 on a JV52 after three years of use.



LOOP® BLOCK 60 with Ball Bearing on a backstay bridle.

Product No.	Description	Sheave	Weight	Rope ø	MWL
PLAIN BEARING					
LB45-3	LOOP® Block 45 with Knot	Acetal	88 g	up to 12 mm	1500 kg
LB60-3	LOOP® Block 60 with Knot	Acetal	206 g	up to 16 mm	3000 kg
BALL BEARING					
LB45BB-4	LOOP® Block 45 with Pin	Acetal	96 g	up to 12 mm	1500 kg
LB45BB-4REEF	LOOP® Block 45 - w. longer Loop Pin	Acetal	96 g	up to 12 mm	1500 kg
LB60BB-4	LOOP® Block 60 with Pin	Alloy	243 g	up to 16 mm	3000 kg
LB60BB-4REEF	LOOP® Block 60 w. longer Loop Pin	Alloy	243 g	up to 16 mm	3000 kg
LB80BB-3	LOOP® Block 80 with Knot	Alloy	608 g	up to 22 mm	5000 kg
TORLON NEEDLE BEARING					
LB60NB-4	LOOP® Block 60 with Needle Bearing and Pin	Alloy red anodized	266 g	up to 12 mm	2000 kg



Very flexible, easy and strong. These three points make the KOHLHOFF LOOP® Deck Organizer so unique. There is no problem anymore, to add a new halyard or any other rope. Just add an additional brick and your job is done.

The KOHLHOFF LOOP® Organizer can also be used as a Padeye or fairlead. Made of hard anodized aluminium alloy, they are very solid and proof against saltwater, sand and UV radiation.

Our KOHLHOFF LOOP® Organizer is available in two different sizes and any different length you like!



LOOP® Organizer 12-26, base brick with blind thread.

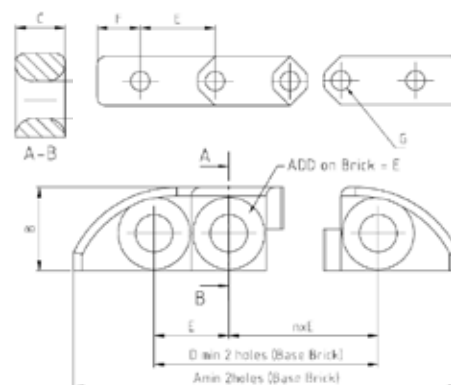


Additional bricks can be added.



LO 18-35 as a triple version mounted on deck.

Product No.	Description	Material	Max. Rope Dia.
L012-26	LOOP® Organizer Double Fairlead BASE Brick	Alloy	12 mm
L012-26AO	LOOP® Organizer Single Fairlead ADD ON Brick	Alloy	12 mm
L018-35	LOOP® Organizer Double Fairlead BASE Brick	Alloy	16 mm
L018-35AO	LOOP® Organizer Fairlead ADD ON Brick	Alloy	16 mm
L012-26BT	LOOP® Organizer Double Fairlead BASE Brick with blind thread	Alloy	12 mm
L012-26AOBT	LOOP® Organizer Single Fairlead ADD ON Brick with blind thread	Alloy	12 mm
L018-35BT	LOOP® Organizer Double Fairlead BASE Brick with blind thread	Alloy	16 mm
L018-35AOBT	LOOP® Organizer Single Fairlead ADD ON Brick with blind thread	Alloy	16 mm



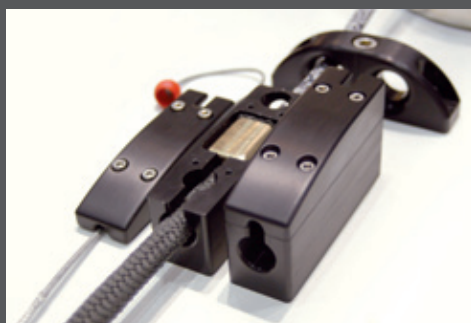
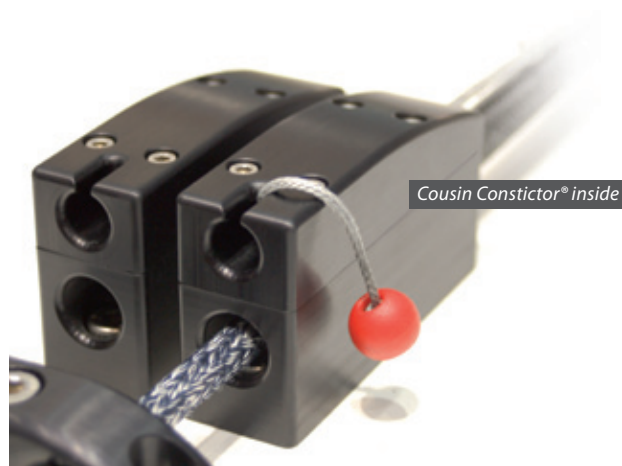
Product No.	Fasteners	Dimension A	Dimension B	Dimension C	Dimension D	Dimension E	Dimension F	Dimension G	Dimension H
L012-26	M6-DIN 912	82 mm	29 mm	17 mm	52 mm	26 mm	15 mm	Ø 6,6 mm	Ø 13 mm
L012-26AO	M6-DIN 912		29 mm	17 mm				Ø 6,6 mm	Ø 13 mm
L018-35	M8-DIN 912	106 mm	38 mm	29 mm	72 mm	36 mm	17 mm	Ø 9 mm	Ø 18 mm
L018-35AO	M8-DIN 912		38 mm	29 mm				Ø 9 mm	Ø 18 mm
L012-26BT	M6 threaded rod	82 mm	29 mm	17 mm	52 mm	26 mm	15 mm	M6x10deep	Ø 13 mm
L012-26AOBT	M6 threaded rod		29 mm	17 mm				M6x10deep	Ø 13 mm
L018-35BT	M8 threaded rod	106 mm	38 mm	29 mm	72 mm	36 mm	17 mm	M8x15deep	Ø 18 mm
L018-35AOBT	M8 threaded rod		38 mm	29 mm				M8x15deep	Ø 18 mm

LOOP® Locks - Cousin Constrictor® inside

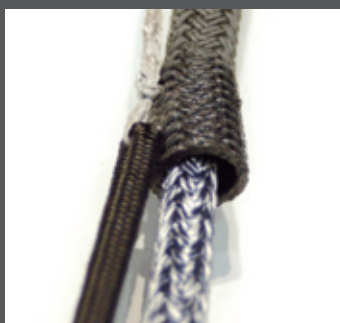
The KOHLHOFF **LOOP® Lock** has been designed for halyards, tacklines or any other application where a light, strong and reliable rope holding system is required.

It works on the same principle as a single braid splice, holding the rope by friction. To open the KOHLHOFF **LOOP® Lock**, just pull on the release line, without having to preload the halyard! It is designed to be easily fitted, using existing holes while the locking rope can be easily replaced when wear demands it.

The KOHLHOFF **LOOP® Lock** is available for 8, 10 and 12 mm Ropes of all cover constructions. Max. holding power is 1000 kg for 8 mm, 1200 kg for 10 mm and 1400 kg for 12 mm ropes.



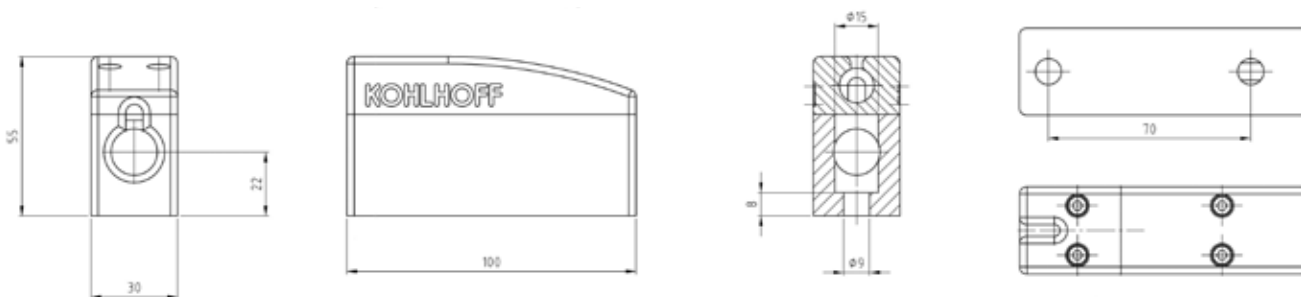
LOOP® Lock with the replaceable locking cover.



The locking cover is working like a single braid splice.



LOOP® Lock mounted on a mast, a safe and easy halyard lock.



Product No.	Description	Material	Max. Rope Diameter	Fasteners	Mounting Hole Distance	Max. WL	Body length/width	Overall required length ca. inkl. cover sock
L-LOCK08	LOOP®Lock 08	Alloy/Aramid	8 mm	2x M8-DIN6912	70 mm	1000 kg	100/30 mm	400 mm
L-LOCK10	LOOP®Lock 10	Alloy/Aramid	10 mm	2x M8-DIN6912	70 mm	1200 kg	100/30 mm	500 mm
L-LOCK12	LOOP®Lock 12	Alloy/Aramid	12 mm	2x M8-DIN6912	70 mm	1400 kg	100/30 mm	600 mm
L-LOCK08-09	Spare Cover	Aramid	8 mm					
L-LOCK10-11	Spare Cover	Aramid	10 mm					
L-LOCK12-13	Spare Cover	Aramid	12 mm					

With Cousin Constrictor® inside.

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