

LOOP[®]
PRODUCTS

Innovative German products.



KOHLHOFF
specialized in deck equipment



Dear Customer,

We started to develop the first LOOP® Products in 2005. Sailing on a range of racing boats, I always missed having a strong, light and reliable block. That was the beginning of our LOOP® Block, the first LOOP® Product. Many things have happened since then and now we have a wide range of different LOOP® Products.

From the easy-to-handle LOOP® Blocks, lash thimbles, rope shackles and padeyes to our latest furling thimbles and deck organisers, we will continue developing a high quality collection of innovative products, "Made in Germany", for sailors worldwide.

Best regards

Peter Kohlhoff

KOHLHOFF

specialized in deck equipment

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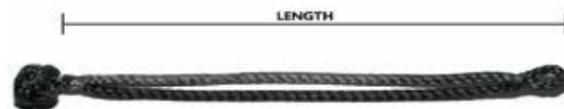
LOOP® Shackles



LOOP® Shackle **Type 1**



LOOP® Shackle **Type 2**

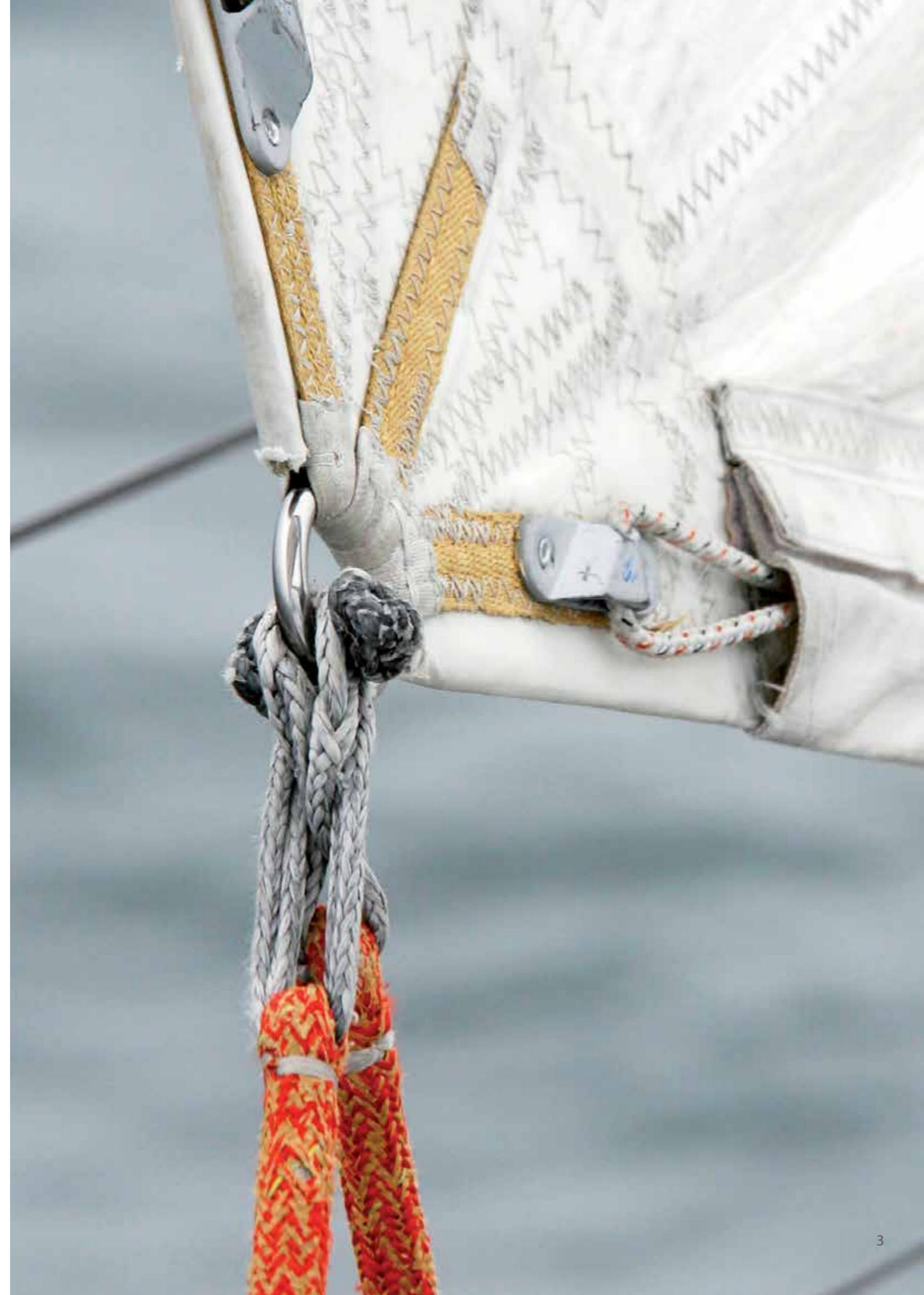


The LOOP® Shackles are measured like this.

KOHLHOFF LOOP® Shackles are made of Gottifredi Maffioli's Compact Braid, a polyurethane coated Dyneema® SK78 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 their flexibility KOHLHOFF LOOP® Shackles can be used everywhere and particularly in difficult to access locations. They do not cause any damage to deck, hull, superstructure or rig. They do not sink when dropped overboard and they are reasonable priced. KOHLHOFF LOOP® Shackles are available in different diameters and various lengths. Custom sizes are available on request.

Type	Product No.	Description	Material	Rope Dia.	Length open	MWL/kg
Type 1	L-LS3-150-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	3 mm	170 mm	400
	L-LS4-200-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	4 mm	200 mm	600
	L-LS5-230-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	5 mm	230 mm	1000
	L-LS6-270-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	6 mm	270 mm	1500
	L-LS8-270-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	8 mm	270 mm	2500
Type 2	L-LS2-075-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	2 mm	75 mm	200
	L-LS2-090-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	2 mm	90 mm	200
	L-LS3-100-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	3 mm	100 mm	400
	L-LS4-110-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	4 mm	110 mm	600
	L-LS4-200-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	4 mm	200 mm	600
	L-LS4-400-2	LOOP® SHACKLE - Double String Extra Long	Dyneema SK78	4 mm	400 mm	600
	L-LS5-120-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	5 mm	120 mm	1000
	L-LS5-230-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	5 mm	230 mm	1000
	L-LS5-500-2	LOOP® SHACKLE - Double String Extra Long	Dyneema SK78	5 mm	500 mm	1000
	L-LS6-150-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	6 mm	150 mm	1500
	L-LS6-600-2	LOOP® SHACKLE - Double String Extra Long	Dyneema SK78	6 mm	600 mm	1500
	L-LS6-270-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	6 mm	270 mm	1500
	L-LS8-190-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	8 mm	190 mm	2500
	L-LS8-270-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	8 mm	270 mm	2500





LOOP® Cover Shackles

The new Cover shackles are made of original Dyneema® cover material produced by Gottifredi Maffioli. We added an interesting detail to the shackle so you cannot lose them. They are very soft and available in two different lengths. One shackle in the normal length, the other one long enough to wrap (turn) it two or three times around to double or triple the working load. This is obviously better from a fibre layout perspective to distribute the load.



L-CLS-XXL-300 used with a single turn

L-CLS-M-300 used with two turns

L-CLS-M-160 used as Jib In hauler

Product No.	Colourcode	Description	Material	Length open	BL (kg)	MWL (kg)
L-CLS-S-150	green	LOOP® Cover Shackle Typ S, length 150 mm	Dyneema SK78	150 mm	1500	500
L-CLS-S-300	green	LOOP® Cover Shackle Typ S, length 300 mm	Dyneema SK78	300 mm	1500	500
L-CLS-M-160	red	LOOP® Cover Shackle Typ M, length 160 mm	Dyneema SK78	160 mm	2500	833
L-CLS-M-300	red	LOOP® Cover Shackle Typ M, length 300 mm	Dyneema SK78	300 mm	2500	833
L-CLS-L-180	blue	LOOP® Cover Shackle Typ L, length 180 mm	Dyneema SK78	180 mm	3500	1167
L-CLS-L-340	blue	LOOP® Cover Shackle Typ L, length 340 mm	Dyneema SK78	340 mm	3500	1167
L-CLS-XL-220	navy	LOOP® Cover Shackle Typ XL, length 220 mm	Dyneema SK78	220 mm	4500	1500
L-CLS-XL-400	navy	LOOP® Cover Shackle Typ XL, length 400 mm	Dyneema SK78	400 mm	4500	1500
L-CLS-XXL-300	yellow	LOOP® Cover Shackle Typ XXL, length 300 mm	Dyneema SK78	300 mm	5500	1833
L-CLS-XXL-500	yellow	LOOP® Cover Shackle Typ XXL, length 500 mm	Dyneema SK78	500 mm	5500	1833

LOOP® High Load Shackles



The evolution of our original LOOP® Shackles! Made of Gottifredi Maffioli's Ultra Wire, these shackles are more than 70 % stronger than the original for 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® High Load Shackles extremely light in combination with very high break strengths and minimal elongation.

Like the original LOOP® Shackles, the High Load Version doesn't cause any damage to deck, hull, superstructure or rig. They do not sink immediately when dropped overboard and because of their flexibility Kohlhoff KOHLHOFF LOOP® High Load Shackles can be used everywhere, particularly in difficult to access locations.



LOOP® High Load Shackles on a CNB90



LOOP® High Load Shackles on a Contest 50

Product No.	Description	Material	Rope Dia.	Length open	MWL/kg
L-LSUW6-260-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	6 mm	260 mm	3000
L-LSUW8-290-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	8 mm	290 mm	5000
L-LSUW10-340-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	10 mm	340 mm	6000
L-LSUW12-360-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	12 mm	360 mm	7000

Customized sizes are available on request.

LOOP® Offshore Slings

Our LOOP® Offshore Slings are a highly versatile, lightweight, soft connector designed to replace the need for steel shackles. The core of the Offshore Slings is made up of multiple rounds of Dyneema SK78 which is an extremely durable fibre with a resistance to inter-fibre chafe or degradation. Each Sling goes through a proprietary annealing process which allows an altering of the microstructure of the fibre. The result of this process is a 15-20% increase in strength over a similar loop that is not heat-treated. Our Offshore Slings can be used in 4 basic configurations: Vertical, Basket, Choker and Boned for a whole range of applications. It should be noted that the configuration significantly impacts the recommended MWL and they are NOT designed for overhead lifting procedures.



LOOP® Offshore Slings to be used in many different applications. Either used straight, in basket or choker configuration the below mentioned MWL is calculated straight. Please note: They are not designed for overhead lifting!



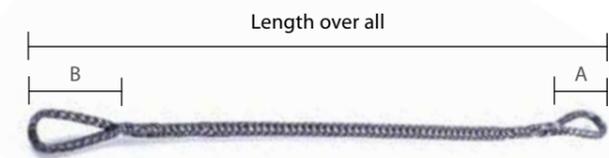
LOOP® Offshore Slings colour coded, red, blue and green and made of Gottifredi Maffioli materials for the best available quality.

Prod. No.	Description	Dia./mm	length/mm	MWL/kg
L-LOS-05-130	LOOP® Offshore Sling of Dyneema SK78, w.Dyneema Cover, green stitching	5	130	500
L-LOS-05-250	LOOP® Offshore Sling of Dyneema SK78, w.Dyneema Cover, green stitching	5	250	500
L-LOS-07-150	LOOP® Offshore Sling of Dyneema SK78, w.Dyneema Cover, blue stitching	7	150	1000
L-LOS-07-260	LOOP® Offshore Sling of Dyneema SK78, w.Dyneema Cover, blue stitching	7	260	1000
L-LOS-10-160	LOOP® Offshore Sling of Dyneema SK78, w.Dyneema Cover, red stitching	10	160	2500
L-LOS-10-300	LOOP® Offshore Sling of Dyneema SK78, w.Dyneema Cover, red stitching	10	300	2500



LOOP® Strops

KOHLHOFF LOOP® Strops are made of Gottifredi Maffioli's Compact Braid, a polyurethane coated Dyneema® SK78 single braid. This high tech material is very strong, light, and waterproof with outstanding abrasion resistance and very low stretch. Combined with Kohlhoff Loop® Dogbones or Loop® Thimbles they can be used in a big variety of different purpose. KOHLHOFF LOOP® Strops are available in different diameters and various lengths. Custom sizes are available on request.



The LOOP Strops are measured like this.



LOOP® Strops are available in different diameters and length



LOOP® Strop combined with a LOOP® Thimble

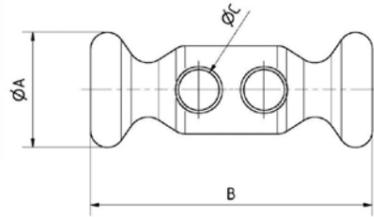


LOOP® Strops to adjust the right height for halyard deflection

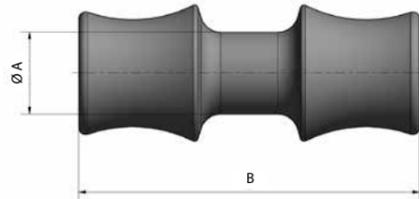
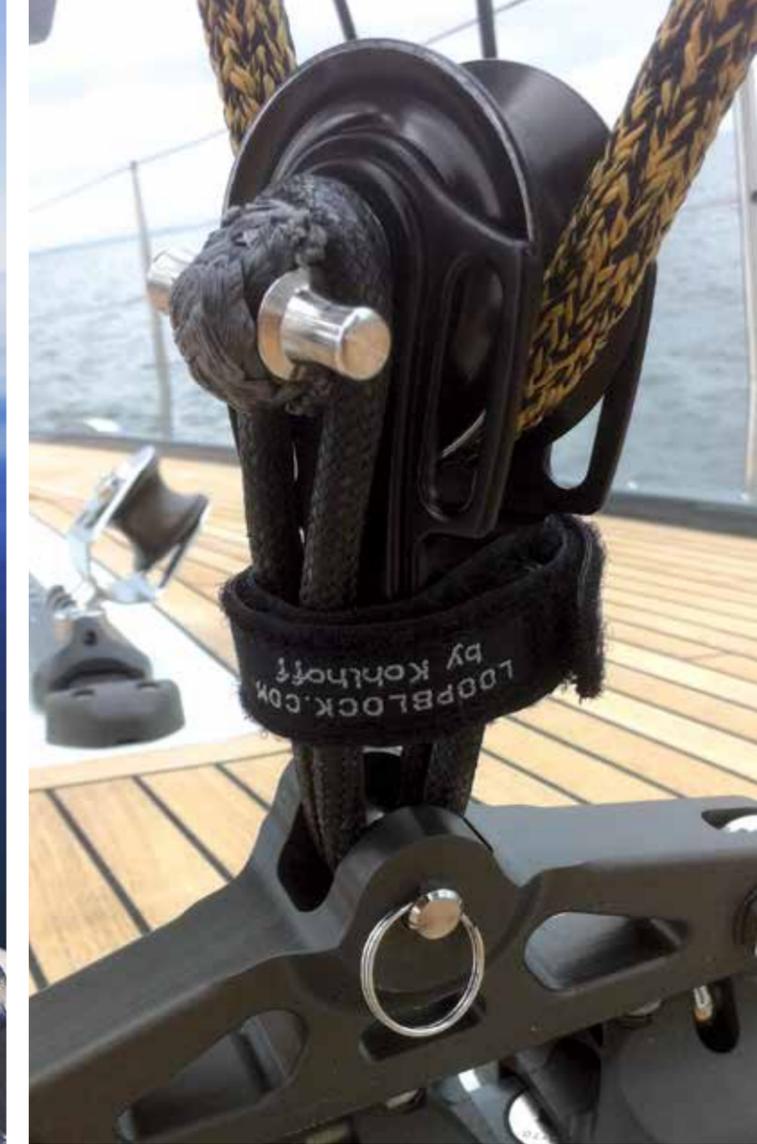
Prod. No.	Description	Material	Rope Dia.	Overall Length	A	B	MWL/kg
L-STROP4-130	LOOP® Strop	Dyneema SK78	4 mm	130 mm	20 mm	30 mm	500
L-STROP4-200	LOOP® Strop	Dyneema SK78	4 mm	200 mm	20 mm	30 mm	600
L-STROP4-300	LOOP® Strop	Dyneema SK78	4 mm	300 mm	20 mm	30 mm	750
L-STROP5-200	LOOP® Strop	Dyneema SK78	5 mm	200 mm	30 mm	50 mm	900
L-STROP5-250	LOOP® Strop	Dyneema SK78	5 mm	250 mm	30 mm	50 mm	1200
L-STROP5-350	LOOP® Strop	Dyneema SK78	5 mm	350 mm	30 mm	50 mm	1400
L-STROP6-220	LOOP® Strop	Dyneema SK78	6 mm	220 mm	30 mm	50 mm	1100
L-STROP6-300	LOOP® Strop	Dyneema SK78	6 mm	300 mm	30 mm	50 mm	1400
L-STROP6-400	LOOP® Strop	Dyneema SK78	6 mm	400 mm	30 mm	50 mm	1500
L-STROP8-270	LOOP® Strop	Dyneema SK78	8 mm	270 mm	50 mm	70 mm	1800
L-STROP8-350	LOOP® Strop	Dyneema SK78	8 mm	350 mm	50 mm	70 mm	1900
L-STROP8-450	LOOP® Strop	Dyneema SK78	8 mm	450 mm	50 mm	70 mm	2000

LOOP® Dogbones

Our KOHLHOFF LOOP® Dogbones are one of the quickest and easiest ways to connect lines to other lines and/or to hardware. The advantage of a dogbone over a knot or a lashing is that they never bind and are quick and easy to release.

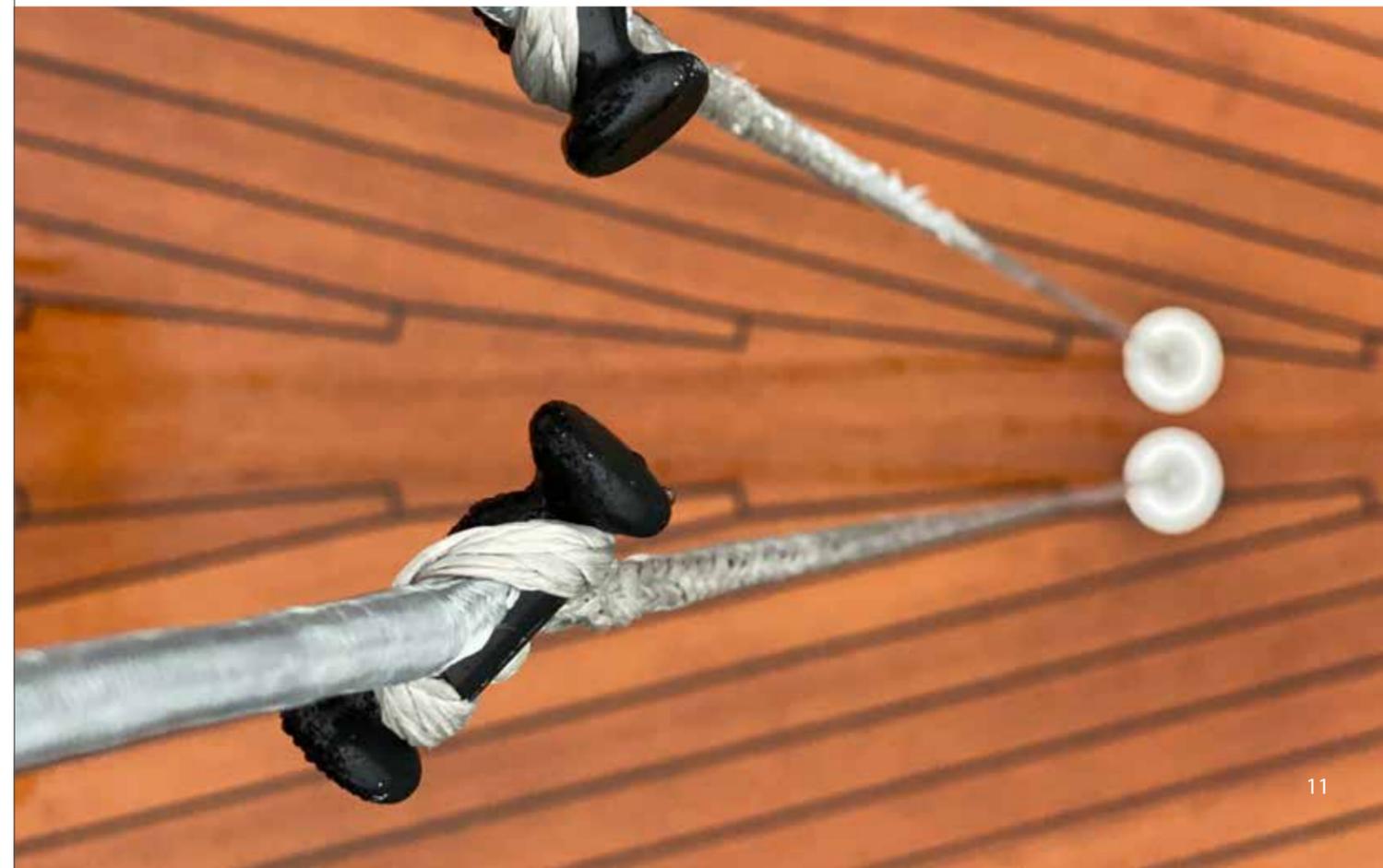


Product No.	Description	Material	A	B	C	SWL	BL/kg	Weight/g	Rope max. Dia.
L-DB3	LOOP® Dogbone	Aluminium	8 mm	21 mm	3,5 mm	300	600	1	3 mm
L-DB4	LOOP® Dogbone	Aluminium	12,5 mm	31 mm	5 mm	550	1100	4	4 mm
L-DB5	LOOP® Dogbone	Aluminium	16,5 mm	41 mm	6 mm	950	1900	10	5 mm
L-DB6	LOOP® Dogbone	Aluminium	21 mm	51 mm	8 mm	1500	3000	22	6 mm
L-DB8	LOOP® Dogbone	Aluminium	25,5 mm	63 mm	9,5 mm	2000	4000	40	8 mm
L-DB10	LOOP® Dogbone	Aluminium	28,5 mm	70 mm	11 mm	2500	5000	58	10 mm
L-DB12	LOOP® Dogbone	Aluminium	34 mm	84 mm	13 mm	3500	7000	98	12 mm



Here a nice example for the use of our simple, elegant and strong dogbones.

Product No.	Description	Material	A	B	Weight/g	MWL/kg	BL/kg	Rope max. Dia.
L-DB25	LOOP® Dogbone	Stainless Steel	6 mm	25 mm	10	1000	2000	6 mm
L-DB32	LOOP® Dogbone	Stainless Steel	6,8 mm	32 mm	17	1500	3000	8 mm
L-DB40	LOOP® Dogbone	Stainless Steel	8,5 mm	40 mm	18	2000	4000	8 mm
L-DB60	LOOP® Dogbone	Stainless Steel	10 mm	60 mm	25	4000	8000	10 mm



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 aluminium.



Product No.	Description	Material	A	B	C	Max Rope (B)	Weight/g	SWL/kg
L-THIMBLE20A	Thimble	Aluminium	20 mm	12 mm	7 mm	6 mm	2	150 kg
L-THIMBLE24A	Thimble	Aluminium	24 mm	11 mm	11 mm	8 mm	5	1150 kg
L-THIMBLE30A	Thimble	Aluminium	30 mm	12 mm	13,5 mm	10 mm	7	1750 kg
L-THIMBLE40A	Thimble	Aluminium	40 mm	20 mm	17,5 mm	12 mm	12	2500 kg
L-THIMBLE50A	Thimble	Aluminium	50 mm	25 mm	22 mm	18 mm	39	4000 kg
L-THIMBLE60A	Thimble	Aluminium	50 mm	30 mm	26 mm	24 mm	64	5000 kg
L-TITANTHIMBLE16	Titanium Thimble	Titan	16 mm	7 mm	6 mm	4 mm	2	400 kg
L-TITANTHIMBLE23	Titanium Thimble	Titan	23 mm	10 mm	8 mm	6 mm	4	800 kg
L-TITANTHIMBLE34	Titanium Thimble	Titan	34 mm	15 mm	11 mm	8 mm	14	1500 kg
L-TITANTHIMBLE45	Titanium Thimble	Titan	45 mm	20 mm	18 mm	12 mm	32	3000 kg



LOOP® Connectors

KOHLHOFF LOOP® Connectors are lightweight shackles made of a standard Gottifredi Maffioli, Compact Braid loop reinforced by a hard anodized aluminium thimble that provides an exceptional strength-to-weight ratio. This high tech Compact Braid 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.



LOOP® Connector **Type 4**



LOOP® Connector as a halyard shackle



LOOP® Connector **Type 3** open



LOOP® Connector **Type 3** closed

Type	Product No.	Description	Material	Weight/g	Rope Dia.	MWL/kg
Type 3	L-LC08-3	LOOP® CONNECTOR 8 open version L5-120-3 w/Velcro	Dyneema SK78	22	8-10 mm	1250
	L-LC10-3	LOOP® CONNECTOR 10 open version L6-150-3 w/Velcro	Dyneema SK78	30	10-12 mm	2000
	L-LC12-3	LOOP® CONNECTOR 12 open version L8-210-3 w/Velcro	Dyneema SK78	70	12-14 mm	3000
Type 4	L-LC08-4	LOOP® CONNECTOR 8 open version with Dogbone/Velcro	Dyneema SK78	26	8-10 mm	1250
	L-LC10-4	LOOP® CONNECTOR 10 open version with Dogbone/Velcro	Dyneema SK78	44	10-12 mm	2000
	L-LC12-4	LOOP® CONNECTOR 12 open version with Dogbone/Velcro	Dyneema SK78	74	12-14 mm	3000

LOOP® Reefthimbles

This useful product is very popular on bigger sailing yachts and superyachts. They can be used at the reef clew and reef tack for a failure free reef line deflector.

They are available in three sizes and based on our standard KOHLHOFF LOOP® High Load Shackles made of Gottifredi Maffioli's Ultrawire 99.



LOOP® Reefthimble installed at the luff of a mainsail



LOOP® Reefthimble installed as a deflector



Product No.	Description	Material	Thimble ID	Overall Length	MWL/kg	BL/kg
L-RTH-40	LOOP® Reefthimble	Aluminium/UW99	20 mm	120 mm	2500	5000
L-RTH-50	LOOP® Reefthimble	Aluminium/UW99	25 mm	140 mm	4000	8000
L-RTH-60	LOOP® Reefthimble	Aluminium/UW99	30 mm	170 mm	5000	10000



LOOP® Stickon

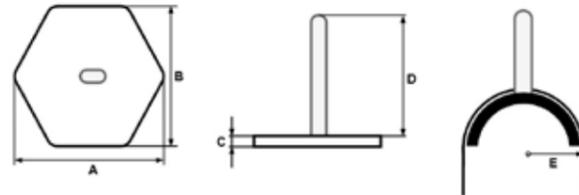
Introduction – Stick-on revolution

Super lightweight, soft, and flexible stick-on padeyes exploded onto the market about 5 years ago and grand-prix race boats were quick to use them extensively for internal, non-structural attachment points e.g. for hanging water-proofs and other organising /tidying functions. However, with the strength and reliability of modern glues/resins (e.g. Sikaflex or epoxy) these professional crews were keen to push the boundaries and with safe working loads of up to 150kg they are now used as fixing points for many control line systems and even pipe cots!

These stick-on padeyes are now available with a 40-60 mm flat carbon disk. Their strength is reliant on a good bond between the disk and the hull, deck or bulkhead surface and this is where they run into problems, i.e. trying to find flat spots in confined spaces.



LOOP® Flexi Stickon



LOOP® Stick-on used on a lazyjack system



LOOP® Flexi Stick-on used as rope tidy point on the mast



LOOP® Flexi Stick-on's can be bent to a 20 mm radius

Product No.	Description	A	B	C	D	E	Loop dia./mm	Weight/g	SWL/kg	BL/kg
LOOP® Stickons										
L-STICKON-4-40	LOOP® Stickon	53	49	3,5	40	-	4 mm	11 g	75 kg	150 kg
L-STICKON-4-60	LOOP® Stickon	53	49	3,5	60	-	4 mm	12 g	75 kg	150 kg
L-STICKON-4-100	LOOP® Stickon	53	49	3,5	100	-	4 mm	13 g	75 kg	150 kg
L-STICKON-6-60	LOOP® Stickon	78	70	3,5	60	-	6 mm	28 g	100 kg	200 kg
LOOP® Flexi Stickons										
L-FLEXISTICKON-4-40	LOOP® Flexistickon	53	49	3,5	40	20	4 mm	9 g	75 kg	150 kg
L-FLEXISTICKON-4-60	LOOP® Flexistickon	53	49	3,5	60	20	4 mm	12 g	75 kg	150 kg
L-FLEXISTICKON-4-100	LOOP® Flexistickon	53	49	3,5	100	20	4 mm	13 g	75 kg	150 kg
L-FLEXISTICKON-6-60	LOOP® Flexistickon	78	70	3,5	60	25	6 mm	24 g	100 kg	200 kg

1. when mounting on deck, the combination of adhesive and glue is important.
2. all load specifications apply for perpendicular pull +/- 10 degrees.

This brand new and unique printed super lightweight and super cheap LOOP® Lite Stickons – for hanging light things, like towels, clothing or other organising /tidying functions. With the strength and reliability of modern glues like the Megabond 2000 – you can use them on many “light duty” applications on board. The working loads @ about 30 kg and breakloads @ about 60 kg.



LOOP® V- Shaped Lite Stickon

LOOP® Hexagon Shaped Lite Stickon



LOOP® Lite Stickons are ideal for hanging every kind of stuff as long as it's not too heavy.

Product No.	Description	Material	Load direction	Weight/g	MWL/kg	BL/kg
L-LITESTICKON-V	V- Shaped Lite Stickon Padeye	Plastic/Dyneema	Horizontal pull only	3	30	60
L-LITESTICKON-H	Hexagon Shaped Lite Stickon Padeye	Plastic/Dyneema	Vertikal/Horizontal pull possible	3	30	60
L-LITESTICKON-B	Megabond 2000, 2K glue, 50gr.			50		

MD MEGABOND 2000

MD MEGABOND is the formula one hit among high-performance adhesives. It can be used where conventional adhesives do not achieve the required strengths. MD MEGABOND permanently bonds metal, wood, ceramics and hard plastics. The bonding of different materials with MD MEGABOND is carried out in a flash and is functionally reliable. After complete curing, the bonded area can be machined and painted. Excellent impact, peel and tensile shear strengths. Fast to fix. Requires only minor surface preparation. Temperature resistant -55°C to +120° C.



LOOP® Woggles

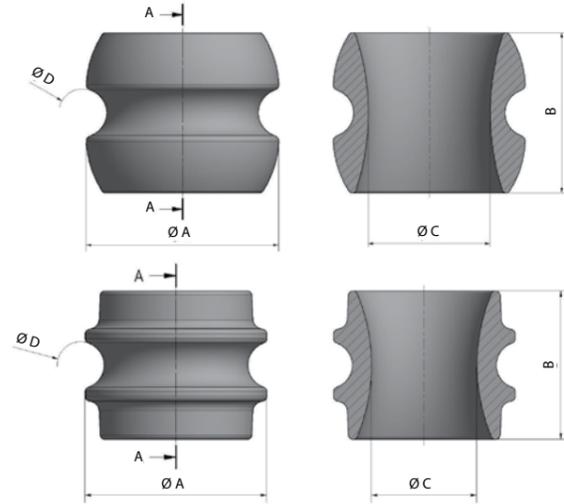
KOHLHOFF LOOP® WOGGLES are heavy duty sheet deflectors made of aluminium. They can be spliced into control lines. KOHLHOFF LOOP® WOGGLES are available in 5 different sizes and different shapes.



LOOP Woggle MP/XL

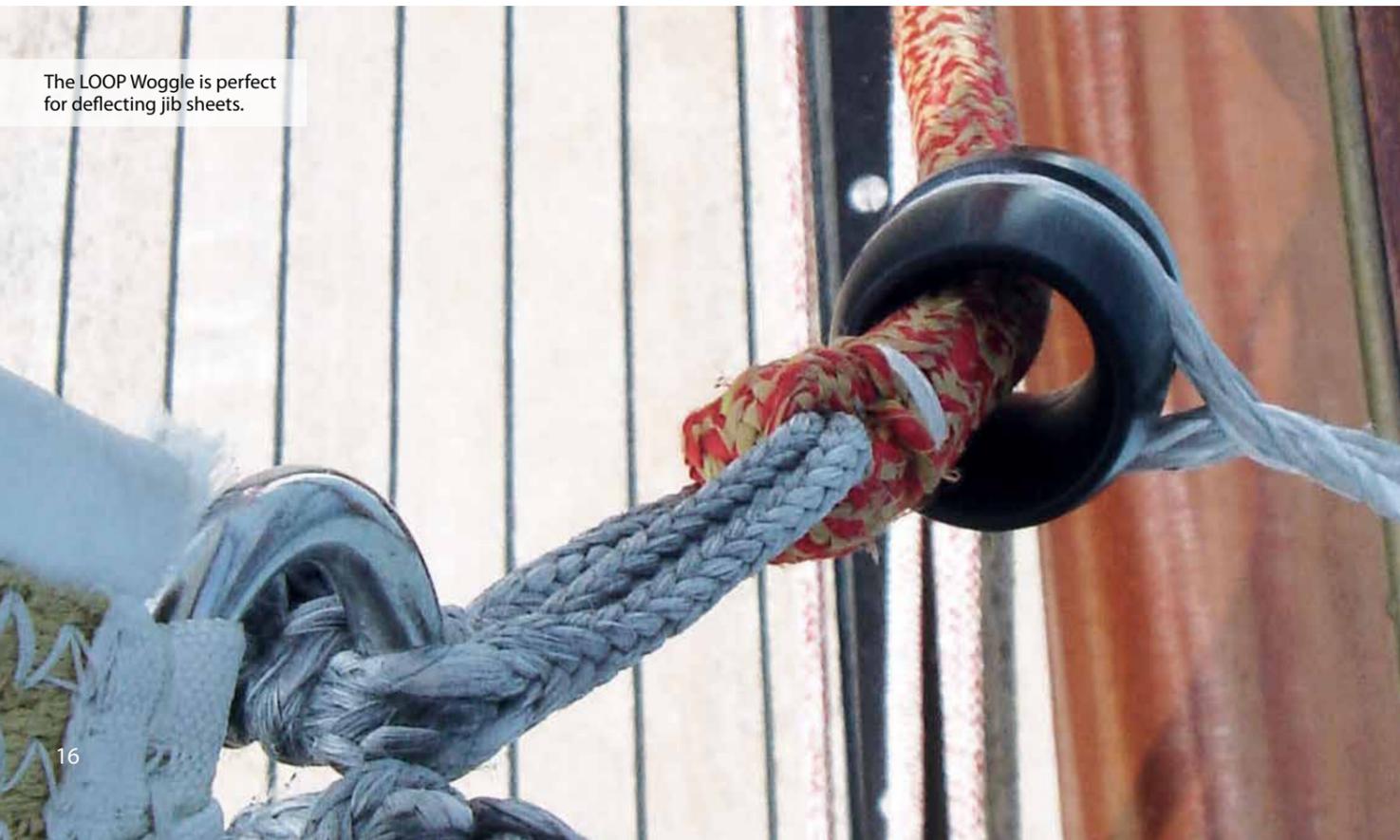


LOOP Woggle S/M/L



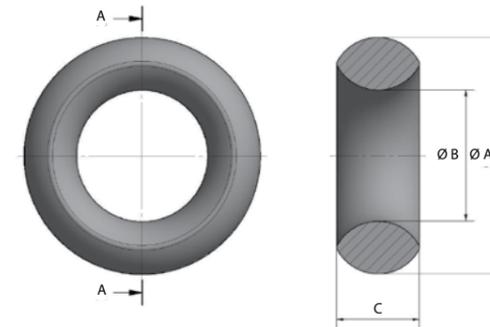
Product No.	Description	Material	A	B	C	D	Weight/g	MWL/kg
L-WOGGLE-S	LOOP® Woggle	Aluminium	38 mm	32 mm	22 mm	10 mm	38	1000
L-WOGGLE-M	LOOP® Woggle	Aluminium	48 mm	40 mm	30 mm	12 mm	65	1500
L-WOGGLE-L	LOOP® Woggle	Aluminium	59 mm	50 mm	37 mm	14 mm	124	3000
L-WOGGLE-MP	LOOP® Woggle	POM	42 mm	45 mm	22 mm	10 mm	51	1250
L-WOGGLE-XL	LOOP® Woggle	Aluminium	60 mm	67 mm	32 mm	15 mm	250	6000

The LOOP Woggle is perfect for deflecting jib sheets.



LOOP® Rings

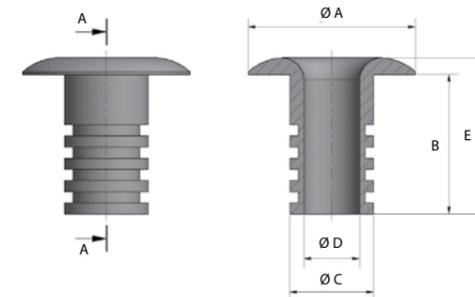
KOHLHOFF LOOP® RINGS are strong, maintenance-free rings made of hard anodized aluminum. They are commonly used to deflect sheets or control lines where their elliptical shape provides an extremely strong lead which is very kind on the rope. The simplicity of the ring makes it a lightweight and flexible solution for barber haulers. The sheet runs through the centre of the ring with the barber hauler line, either spliced to the ring or running through it in a 2:1 configuration, plus a retaining bungee on the opposite side provides a reliable, functional system with just one ring!



Product No.	Description	Material	A	B	C	Weight/g	MWL/kg	BL/kg
L-RING30	LOOP® Ring	Aluminium	30 mm	15,5 mm	12 mm	11	1000	2000
L-RING46	LOOP® Ring	Aluminium	46 mm	25,5 mm	16 mm	37	1500	3000
L-RING55	LOOP® Ring	Aluminium	55 mm	30,5 mm	19 mm	62	2000	4000

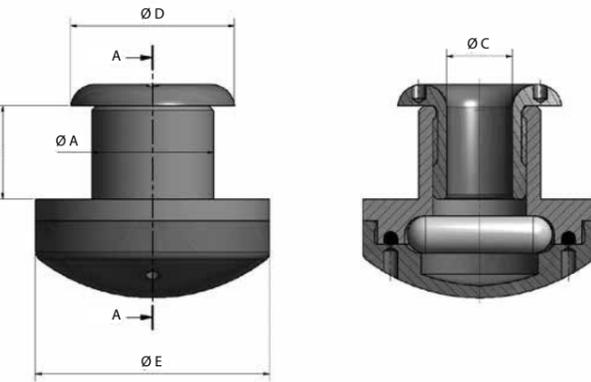
LOOP® Bushes

Our KOHLHOFF LOOP® Bushes are a stylish and functional way to create a deck opening. Made of aluminium with 10, 12 and 14 millimetre diameters, they can easily be cut to the right length. We use them for control lines on Sports boats. They can also be glued into carbon main booms for Lazy Jacks.



Product No.	Description	Material	A	B	C	D	E	Weight/g
L-BUSH10-BK	LOOP® Bush	Aluminium	30 mm	25 mm	15 mm	10 mm	28 mm	9
L-BUSH10-SI	LOOP® Bush	Aluminium	30 mm	25 mm	15 mm	10 mm	28 mm	9
L-BUSH12-BK	LOOP® Bush	Aluminium	36 mm	30 mm	18 mm	12 mm	34 mm	12
L-BUSH16-BK	LOOP® Bush	Aluminium	48 mm	40 mm	24 mm	16 mm	46 mm	18

LOOP® Padeyes



KOHLHOFF LOOP® Padeyes are through-deck fittings made of hard anodised aluminium. Both parts are screwed together to provide easy adjustment for different deck thicknesses. They are all fully water tight with an Acetal cover encapsulating the dogbone and loop on the underside of the fitting. KOHLHOFF LOOP® Padeyes come in black as standard but are also available in silver on request. The Dyneema® loop is NOT supplied as standard and custom loops are also available on request.



Prod. No.	Description	Material	A	B	C	D	E	Weight/g	MWL/kg	BL/kg
L-PAD12C	LOOP® Padeye, water proof, Acetal cover	Aluminium	22 mm	13-18 mm	12 mm	28 mm	45 mm	46	1000	2000
L-PAD14C	LOOP® Padeye, water proof, Acetal cover	Aluminium	26 mm	20-30 mm	14 mm	35 mm	55 mm	84	2000	4000
L-PAD16C	LOOP® Padeye, water proof, Acetal cover	Aluminium	30 mm	21-32 mm	16 mm	42 mm	65 mm	166	2500	5000
L-PAD30C	LOOP® Padeye, water proof, Acetal cover	Aluminium	56 mm	25-40 mm	30 mm	78 mm	120 mm	440	5000	10.000
L-PAD-10-BK	LOOP® Padeye, open as a Fairlead	Alloy	22 mm	14-22 mm	10 mm	50 mm	50 mm	36	Fairlead	-
L-PAD-10-SI	LOOP® Padeye, open as a Fairlead	Alloy	22 mm	14-22 mm	10 mm	35 mm	30 mm	26	Fairlead	-
L-PAD-10S-BK	LOOP® Padeye, open, small head on 1 side	Alloy	22 mm	14-22 mm	10 mm	50 mm	50 mm	36	Fairlead	-
L-PAD-10S-SI	LOOP® Padeye, open, small head on 1 side	Alloy	22 mm	14-22 mm	10 mm	35 mm	35 mm	26	Fairlead	-

As standard available in black (BK), on request also available in silver (SI).
Supplied without a Dyneema Loop. Custom Loops can be supplied on request.



LOOP® Lock with Constrictor®



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.



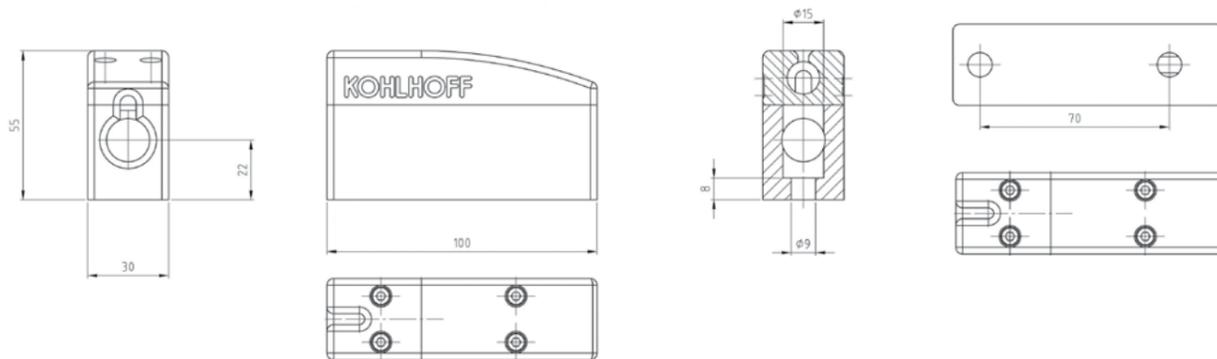
LOOP® Lock with the replaceable locking cover.



The locking cover is working like a single braid splice.



LOOP® Locks can be mounted in the smallest corner.



LOOP® 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					

LOOP® Base with Constrictor®

The LOOP® Base was created because on some projects we need to stop more halyards or reef lines than we have jammers installed. So what could be more obvious than to add a number of original Constrictor® socks to the existing jammers? The LOOP® Base is a fiber composite milled part, which holds one less Constrictor® sock, than the jammers themselves. A double Jammer allows for one additional Constrictor®, a triple Jammer, two Constrictors, and so on. At the moment we supply these parts only on request as custom made products. Please add the diameter you like to have the constrictors. They are available from 6-14 mm rope diameter.



Product No.	Description
L-BASE-XAS2	LOOP® Base to fit a Spinlock XAS 2 - holds 1 Constrictor Clutch
L-BASE-XAS3	LOOP® Base to fit a Spinlock XAS 3 - holds 2 Constrictor Clutch
L-BASE-XAS4	LOOP® Base to fit a Spinlock XAS 4 - holds 3 Constrictor Clutch
L-BASE-XAS5	LOOP® Base to fit a Spinlock XAS 5 - holds 4 Constrictor Clutch
L-BASE-XTS2	LOOP® Base to fit a Spinlock XTS or XCS 2 - holds 1 Constrictor Clutch
L-BASE-XTS3	LOOP® Base to fit a Spinlock XTS or XCS 3 - holds 2 Constrictor Clutches
L-BASE-XTS4	LOOP® Base to fit a Spinlock XTS or XCS 4 - holds 3 Constrictor Clutches
L-BASE-XTS5	LOOP® Base to fit a Spinlock XTS or XCS 4 - holds 3 Constrictor Clutches



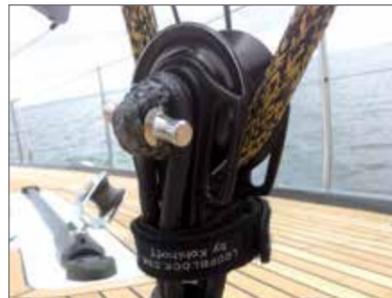
The deep groove sheaves ensure safe rope lead in harsh conditions.

LOOP® Blocks are compact and lightweight multi-purpose snatch blocks fastened with a loop. The short standard loop minimizes damage to the 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. LOOP® Blocks are lightweight, compact and easy to use.

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.



The LOOP® Blocks 45 and 60 are also available with longer Loops for swiveling or reef purposes.



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

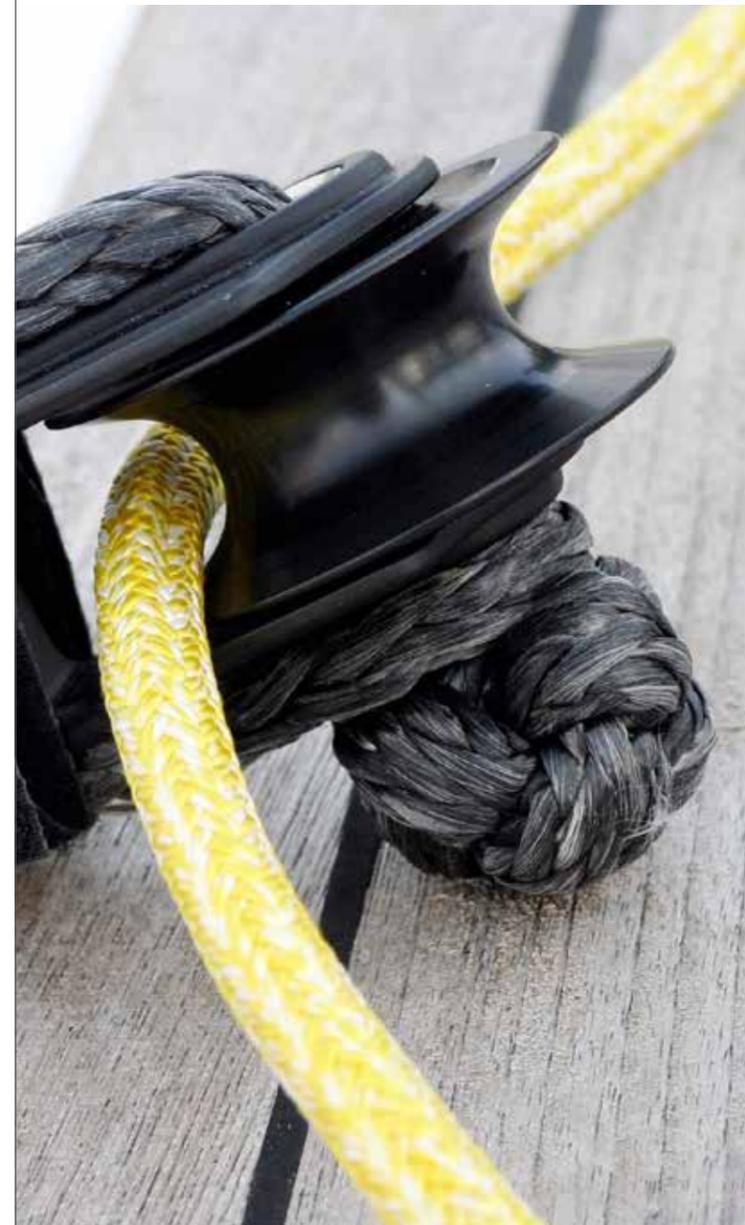


LOOP® BLOCK LB-60BB-5 with becket and Pin.



LOOP® Blocks available with Dogbone or Diamondknot

Product No.	Description	Sheave	Weight/g	Rope ø mm	MWL/kg	BL/kg
PLAIN BEARING						
L-LB45-3	LOOP® Block 45 with Knot	Acetal	88	up to 12	1500	3000
L-LB60-3	LOOP® Block 60 with Knot	Acetal	206	up to 16	3000	6000
BALL BEARING						
L-LB45BB-4	LOOP® Block 45 with Pin	Acetal	96	up to 12	1500	3000
L-LB45BB-4-REEF	LOOP® Block 45 with longer Loop & Pin	Acetal	96	up to 12	1500	3000
L-LB45BB-5	LOOP® Block 45 with Becket	Acetal	98	up to 12	1500	3000
L-LB60BB-4	LOOP® Block 60 with Pin	Aluminium	243	up to 16	3000	6000
L-LB60BB-4-REEF	LOOP® Block 60 with longer Loop & Pin	Aluminium	245	up to 16	3000	6000
L-LB60BB-5	LOOP® Block 60 with Becket	Aluminium	243	up to 16	3000	6000
L-LB80BB-3	LOOP® Block 80 with Knot	Aluminium	608	up to 22	5000	10.000
L-LB80BB-5	LOOP® Block 80 with Knot & Becket	Aluminium	615	up to 22	5000	10.000

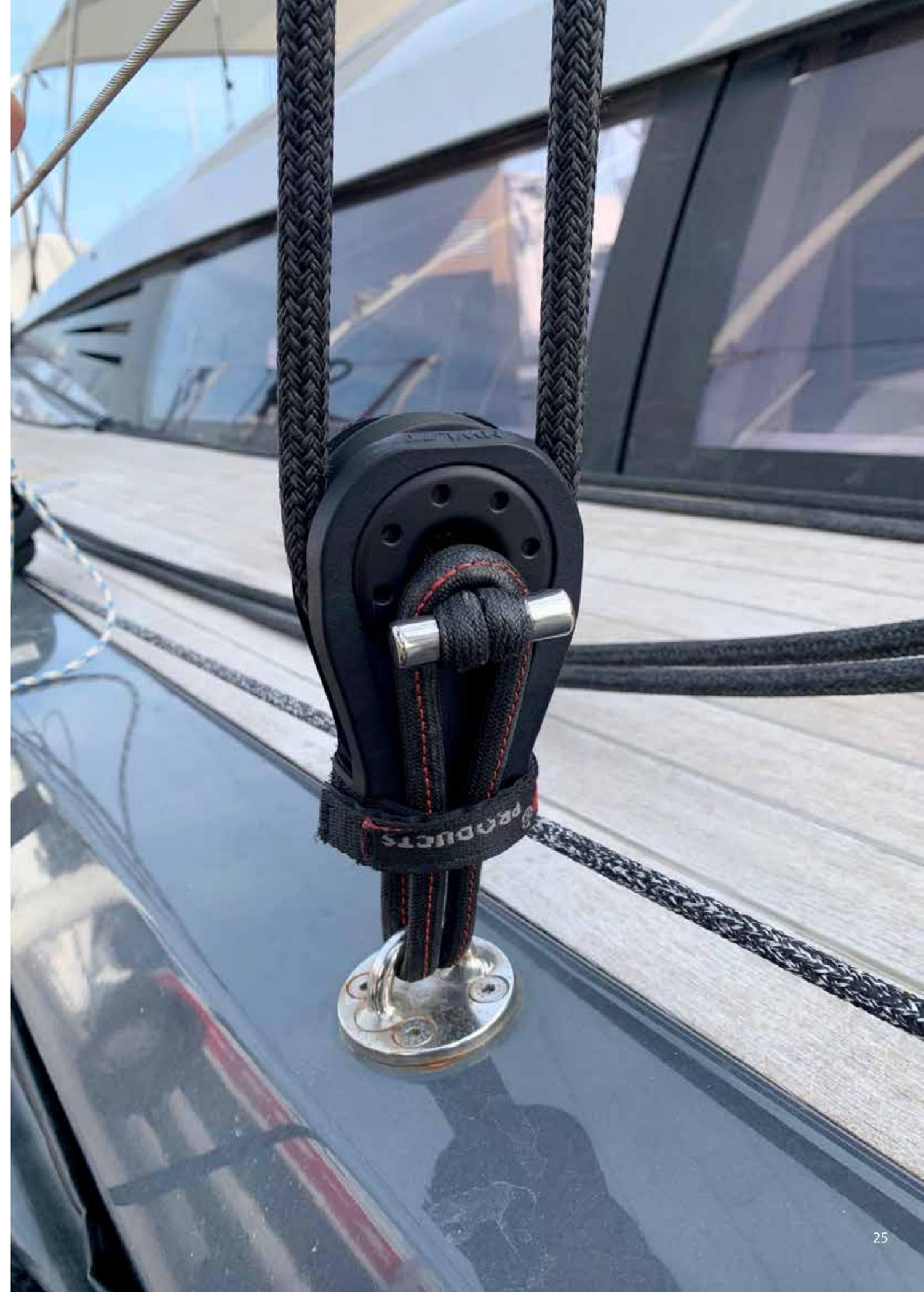


LOOP® Power Blocks

KOHLHOFF LOOP® PWR-Blocks are compact and light-weight multi-purpose snatch blocks fastened with a loop. The Dyneema® loop minimizes damage to the deck, hull or superstructure. Due to its dogbone attachment the loops always remain easy to fasten and unfasten. Our special composite bearings ensures sheaves turn smoothly and maintain efficiency under extreme loading. The wide sheave allows a range of different line diameters. Opening side plates make them easy to open, allowing crew to quickly fasten them wherever needed. Perfect for temporary line deflection but also as halyard blocks around the mast. The Velcro® strap is permanently attached to one side plate and holds the block securely closed when side plates are aligned, even under the highest loads.



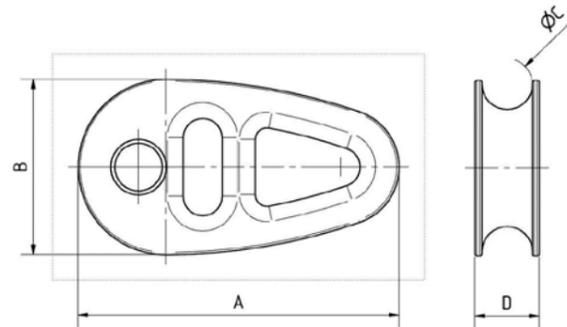
Product No.	Description	Sheave	Weight/g	Rope dia. /mm	MWL/kg	BL/kg
L-LB-PWR32	LOOP® PWR 32	Aluminium	58	8	1500	2000
L-LB-PWR40	LOOP® PWR 40	Aluminium	90	10	2000	4000
L-LB-PWR46	LOOP® PWR 46	Aluminium	155	12	3000	6000
L-LB-PWR50	LOOP® PWR 50	Aluminium	205	14	4000	8000
L-LB-PWR55	LOOP® PWR 55	Aluminium	245	16	5000	10000
L-LB-PWR70	LOOP® PWR 70	Aluminium	500	20	7000	14000
L-LB-PWR90	LOOP® PWR 90	Aluminium	930	24	9000	18000



LOOP® Furling Thimbles

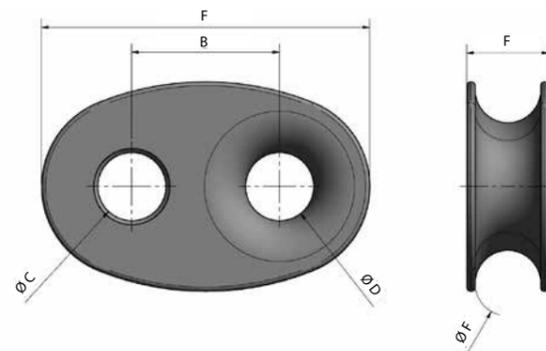


We developed a set of new Thimbles for Furling rope and other applications. KOHLHOFF LOOP® Furling Thimbles are made of high quality black anodized alloy. They have a straight pin hole and fit most common jaws of furling units. The lashing eye is smooth and round and designed to accommodate sufficient lashing to securely fasten the tack of the sail. Available in four different sizes from 9 to 15 mm rope diameter.



Blindtext

Product No.	Description	Material	A	B	C	D	For Pin Dia.
L-FT7	LOOP® Furling Thimble	Aluminium	44 mm	24 mm	7 mm	9 mm	8 mm
L-FT9	LOOP® Furling Thimble	Aluminium	55 mm	30 mm	9 mm	10,5 mm	8 mm
L-FT11	LOOP® Furling Thimble	Aluminium	70 mm	38 mm	11 mm	15 mm	8/10 mm
L-FT13	LOOP® Furling Thimble	Aluminium	82,5 mm	45 mm	13 mm	16,5 mm	10/12 mm
L-FT15	LOOP® Furling Thimble	Aluminium	93,5 mm	54 mm	15 mm	18,5 mm	12/14 mm



Product No.	Description	Material	A	B	C	D	E	F	Weight/g
L-FT08	LOOP® Furling Thimble	Aluminium	40 mm	18 mm	8,3 mm	8,3 mm	10 mm	8 mm	12
L-FT12	LOOP® Furling Thimble	Aluminium	60 mm	27 mm	10,5 mm	10,5 mm	16 mm	12 mm	20
L-FT16	LOOP® Furling Thimble	Aluminium	90 mm	40,5 mm	12,5 mm	12,5 mm	19,5 mm	16 mm	35
L-FT20	LOOP® Furling Thimble	Aluminium	110 mm	50 mm	14,5 mm	14,5 mm	23 mm	20 mm	45

LOOP® Universal Joint Bracket (UJB)



The Loop® Universal Joint Bracket (UJB) is specifically designed for fixing self-tacking jib tracks (e.g. Ronstan, Harken, Selden). The central carbon tube can be cut to length allowing quick, simple customisation to most deck profiles. One bracket at each end and a third in the centre is sufficient to provide a secure fix. The two part anodised aluminium base plate is first bolted through deck and then the upper part encapsulates the universal joint and tightened with machine screws to fix the correct bracket angle.



The LOOP® UJB bracket allows a simple and versatile mounting of High Beam Tracks for self tacking jibs on boats up to 29 foot.

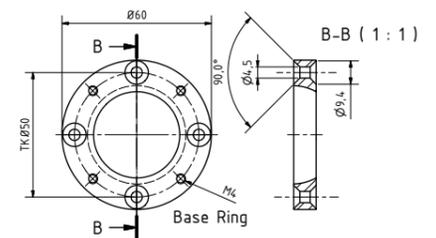
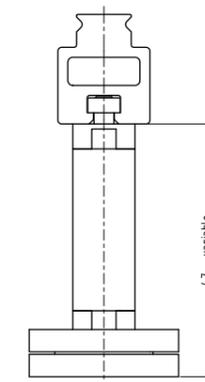
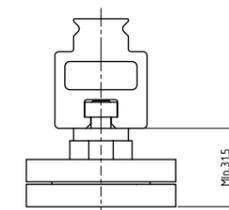
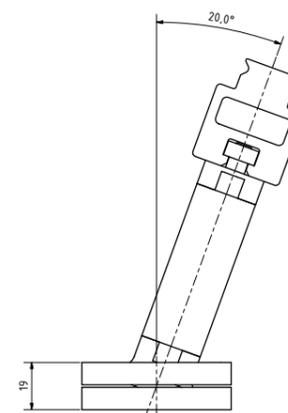


The parts are simple and quickly installed.



The mounting slug can be used with High Beam Tracks of many manufacturers like Ronstan, Harken or Selden.

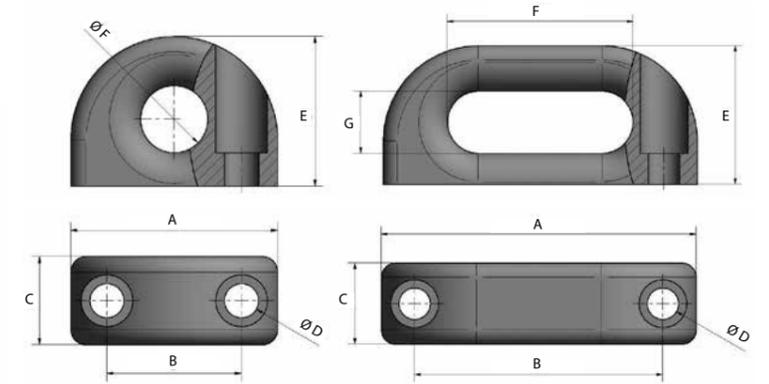
Product No.	Description	Material	Max Boat Size	Rec. Nr. of Brackets	Max possible angle
L-UJB	Universal Jib Bracket	Aluminium + Stainless Steel	29 ft	3	20 Degr.





LOOP® Fairleads

Made of high grade alloy the KOHLHOFF LOOP® Fairleads are made for spinnaker guy or Jib sheet deflectors. They help avoid overruns on winches if mounted at the right position closed to a winch. Available for single or multiple lines in two different sizes.



Prod. No.	Description	Material	A	B	C	D	E	F	G	Weight/g	Rope max. Dia.
L-SF13	LOOP® Single Fairlead	Aluminium	40 mm	26 mm	17 mm	6,6 mm	29 mm	13 mm		28	10 mm
L-SF18	LOOP® Single Fairlead	Aluminium	56 mm	36 mm	24 mm	9 mm	38 mm	18 mm		40	16 mm
L-MF13	LOOP® Multiple Fairlead	Aluminium	66 mm	52 mm	17 mm	6,6 mm	29 mm	39 mm	13 mm	45	10 mm
L-MF18	LOOP® Multiple Fairlead	Aluminium	92 mm	73 mm	24 mm	9 mm	38 mm	54 mm	18 mm	65	16 mm



Version with blind thread



Very flexible, easy and strong. These three points make the KOHLHOFF LOOP® Deck Organizer so unique. There is no longer a problem 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, they are very solid and resistant against saltwater, sand and UV radiation. Available in two versions to be mounted either with normal DIN 912 Screws from the top or just threaded studs screwed in blind threads.

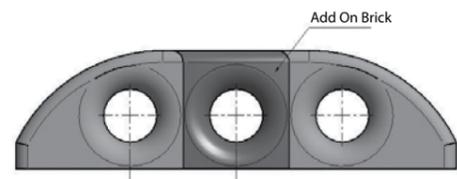
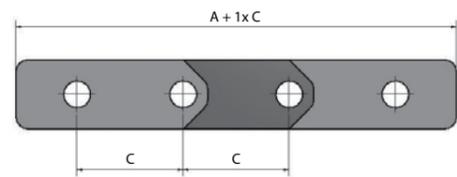
Version with screws from the top



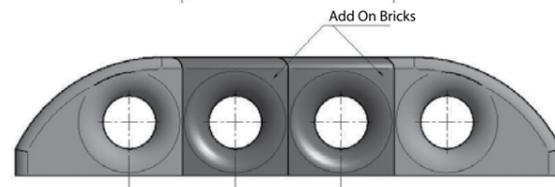
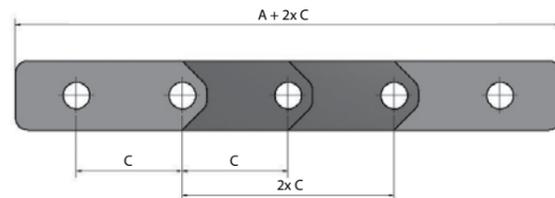
Additional bricks can be added



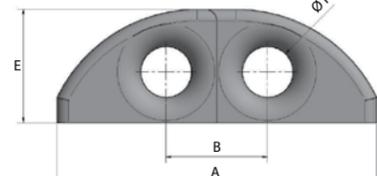
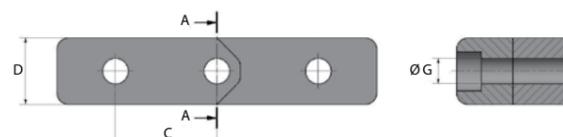
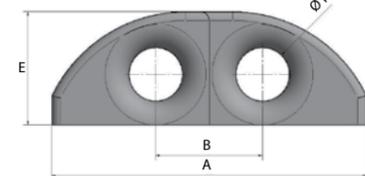
LOOP® Organizer 12-26 base brick also available with blind thread



Example shown:
1 set L-L018-36 (Base Brick Set)
+ 1 pcs. L-L018-36-AO (Add On Brick)



Example shown:
1 set L-L018-36 (Base Brick Set)
+ 2 pcs. L-L018-36-AO (Add On Brick)



Product No.	Description	Material	Max. Rope Dia.
L-L013-26	LOOP® Organizer Double Fairlead BASE Brick Set	Aluminium	12 mm
L-L013-26-AO	LOOP® Organizer Single Fairlead ADD ON Brick	Aluminium	12 mm
L-L018-36	LOOP® Organizer Double Fairlead BASE Brick Set	Aluminium	16 mm
L-L018-36-AO	LOOP® Organizer Single Fairlead ADD ON Brick	Aluminium	16 mm
BLIND THREAD			
L-L013-26-BT	LOOP® Organizer Double Fairlead BASE Brick Set with blind thread	Aluminium	12 mm
L-L013-26-AO-BT	LOOP® Organizer Single Fairlead ADD ON Brick with blind thread	Aluminium	12 mm
L-L018-36-BT	LOOP® Organizer Double Fairlead BASE Brick Set with blind thread	Aluminium	16 mm
L-L018-36-AO-BT	LOOP® Organizer Single Fairlead ADD ON Brick with blind thread	Aluminium	16 mm

Product No.	A	B	C	D	E	F	G	H	Fastener	Thread P
L-L013-26	82 mm	26 mm	24 mm	17 mm	29 mm	6,6 mm	10 mm		M6 - DIN 912	
L-L013-26-AO	matching L-L013-26				29 mm	6,6 mm	10 mm		M6 - DIN 912	
L-L018-36	106 mm	36 mm	36 mm	24 mm	33 mm	9,0 mm	14 mm		M8 - DIN 912	
L-L018-36-AO	matching L-L018-36				33 mm	9,0 mm	14 mm		M8 - DIN 912	
BLIND THREAD										
L-L013-26-BT	82 mm	26 mm	24 mm	17 mm	29 mm			6,5 mm	M6 threaded rod	M6 x 10 mm deep
L-L013-26-AO-BT	matching L-L013-26-BT				29 mm			6,5 mm	M6 threaded rod	M6 x 10 mm deep
L-L018-36-BT	106 mm	36 mm	36 mm	24 mm	38 mm			9,1 mm	M8 threaded rod	M8 x 10 mm deep
L-L018-36-AO-BT	matching L-L018-36-BT				38 mm			9,1 mm	M8 threaded rod	M8 x 10 mm deep



LOOP deckorganizer on a new Judel/Vrolijk 36. If you need additional rope lead just add one more brick to the system.

LOOP® Accessories



The dogbones are available for the LOOP® Block 45 and 60's.

KOHLHOFF LOOP® Spare Velcro Straps and KOHLHOFF LOOP® Dogbones and Loops are available to order separately for the LOOP® Blocks and LOOP® Connectors.



The original VELCRO straps are made for LOOP® Blocks and Connectors



The handmade L-LOOP for LOOP® Blocks with becket.

Product No.	Description	Material
L-VELCRO45	LOOP® Velcrostrap for LB45	Original Velcro®
L-VELCRO60	LOOP® Velcrostrap for LB60	Original Velcro®
L-VELCRO80	LOOP® Velcrostrap for LB80	Original Velcro®
L-VELCRO-LC08	LOOP® Velcrostrap for LC08	Original Velcro®
L-VELCRO-LC10	LOOP® Velcrostrap for LC10	Original Velcro®
L-VELCRO-LC12	LOOP® Velcrostrap for LC12	Original Velcro®
L-DB25	LOOP® Dogbone fits LB45	Stainless Steel
L-DB40	LOOP® Dogbone fits LB60	Stainless Steel
L-LOOP45	Loop for LOOP® Block 45 becket	Dyneema SK78
L-LOOP60	Loop for LOOP® Block 60 becket	Dyneema SK78
L-LOOP80	Loop for LOOP® Block 80 becket	Dyneema SK78

Further information to our LOOP® Dogbones on page 6.

Torsional Rope



Available in 9,11,13 & 15 mm - made for you to measure!

Torsional rope is a cost effective alternative to a custom cable for smaller racing and cruising boats. As its name implies, the torsional rope is cut from a roll and then terminated at the required length, around a thimble which fits your furling unit. Kohlhoff torsional cables are terminated using an S-Splice, developed in-house, specifically for this application. The S-Splice provides a secure termination, significantly lighter than and of the traditional clamping termination methods.

Care should be taken when using torsional rope for top-down applications.

Top-down furling requires high torsional performance and as a result it is important that there is sufficient cable diameter relative to the overall cable length to ensure adequate torsion. Therefore it is recommended to go up a size in diameter for top-down compared to bottom-up.





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