

LOOP[®]
PRODUCTS

Innovative german products.



KOHLHOFF
specialized in deck equipment

LOOP[®] PRODUCTS

by

KOHLHOFF

Innovative german products



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,

P. Kiedum

CONTENT

EF 1500	3 - 4
Shackles	5
High Load Shackles	6
Dogbones	7 - 8
Connectors	9
Thimbles	9
Reefthimbles	10
Woggles	11
Rings	12
Bushes	12
Padeyes	13
Strops	14
Blocks	15 - 16
Fairleads	17
Furling Thimbles	18
Base	19
Sail Hanks	20
Universal Joint Bracket (UJB)	21
Organizers	23 - 24
Accessories	25

Kohlhoff GmbH, Freesenberg 16, 24161 Altenholz, Germany

Tel. +49(0)431/220 21-0, Fax. +49(0)431/220 21-10, info@kohlhoff-online.de, www.kohlhoff-online.de



The new battery-powered, remote control, E-Furler from LOOP® Products – designed to make life simpler and more enjoyable.

Why not furl your Code zero or gennaker comfortably and safely from the cockpit? Specifically designed for small boats up to 28 feet (sail areas up to 45 m2), the LOOP® EF1500 is a “must have” for the new season, for all sport boats and small multihulls!

The E-Furler is equipped with a powerful, re-chargeable 18 V lithium battery. With a press of the button, the drum lock is over-riden to allow the sail to unfurl manually. When rolling up, simply press the button on the remote control and in a few seconds your sail will be rolled safely away.

- Plug & Play - Simple to install into most standard gennaker poles
- No wires or furling lines



The Furler will be delivered with the remote control, cable, battery and charging station.



The furler jaw is a swivelling universal joint made from stainless steel and Torlon ball bearings.



To install: remove the pole end and slide the cable and the furler unit into the pole.



The jaw self-aligns to the required luff angle, with 25 degrees of movement in all directions.



Technical Data	
Charging time	1 Hour
Battery type	Li-Ion 18V, 3.0 Ah
Max. Torque	120 nm
Revolutions per minute	250 rpm
Break Load	1500 kg
Working Load	750 kg
Drum weight	2800 gr



Loop Products is a well-respected manufacturer of innovative, modern deck hardware solutions.

The remote controlled, Loop E-Furler was specifically designed for short-handed furling of gennakers and code zeros on small boats under 30 ft to improve safety, comfort and ease of use.

Manufactured in Germany from high quality materials, It is robust, fully waterproof and designed for quick, simple, Plug & Play installation.

The choice of high power, 18V rechargeable lithiumion batteries allows the E-Furler to be fully independent from other boat systems. With a single charge and under normal use the furler will be good for a weekend cruise.

However, with easy access to the battery compartment, a spare battery and just 1hr re-charging time, the Loop E-furler can be in constant use.

The furler body is made from Hard anodised aluminium. The furler jaw is a swivelling universal joint made from stain-

less steel and Torlon ball bearings. The jaw self-aligns to the required luff angle, with 25 degrees of movement in all directions. And the drum is automatically locked when not in operation. The Loop E-Furler is designed to fit all standard, commercially available tube sizes used in small boat bowsprits. It can be installed in fixed or deck-mounted, adjustable poles.

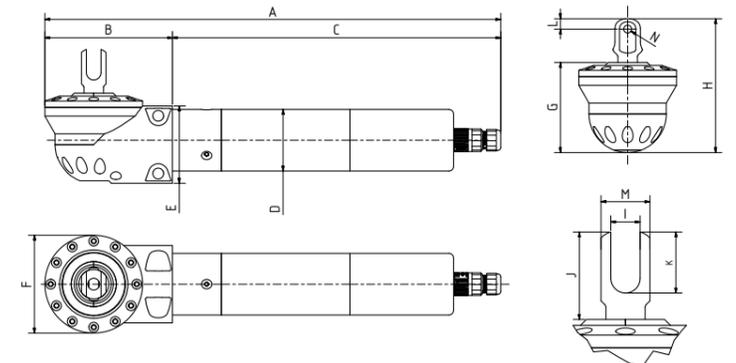
To install: remove the pole end and slide the cable and the furler unit into the pole. Adapter kits are provided with the E-Furler for larger pole diameters to ensure a secure fit.

For a deck mounted pole the cable is connected to the battery pack which then fits into the aft end of the pole. In a fixed or adjustable below deck bowsprit the cable can exit the back of the pole and the battery pack mounted on the hull or bulkhead.

The Loop E-furler has a Safe working load of 1.5 t and the drum weighs 2.8 kg. It can deliver 120 nm of torque and 250 revolutions per minute

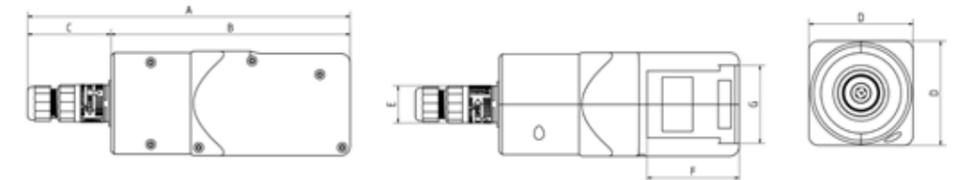
E-Furler

Dimensions	mm	Dimensions	mm
A	466.24	H	137.08
B	130.5	I	15
C	335.74	J	44,68
D	63	K	31,18
E	79	L	10,68
F	100	M	25
G	92.1	N	Ø 8



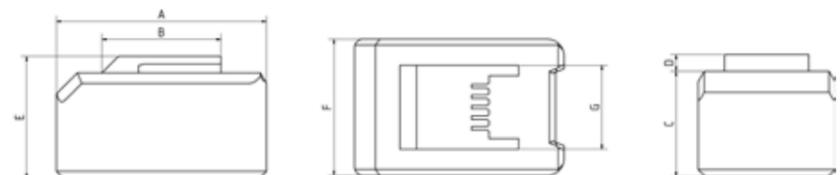
Battery-Housing

Dimensions	mm
A	202.24
B	150
C	52.24
D	65
E	23.42
F	57.5
G	49



Battery Dimensions

Dimensions	mm
A	120
B	68
C	60
D	9.5
E	69.5
F	78
G	48



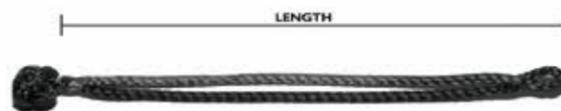
LOOP® Shackles



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.



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

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
Type 1	L-LS4-200-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	4 mm	200 mm	600
Type 1	L-LS5-230-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	5 mm	230 mm	1000
Type 1	L-LS6-270-1	LOOP® SHACKLE - Single String Construction	Dyneema SK78	6 mm	270 mm	1500
Type 1	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
Type 2	L-LS2-090-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	2 mm	90 mm	200
Type 2	L-LS3-100-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	3 mm	100 mm	400
Type 2	L-LS4-110-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	4 mm	110 mm	600
Type 2	L-LS4-200-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	4 mm	200 mm	600
Type 2	L-LS4-400-2	LOOP® SHACKLE - Double String Extra Long	Dyneema SK78	4 mm	400 mm	600
Type 2	L-LS5-120-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	5 mm	120 mm	1000
Type 2	L-LS5-230-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	5 mm	230 mm	1000
Type 2	L-LS5-500-2	LOOP® SHACKLE - Double String Extra Long	Dyneema SK78	5 mm	500 mm	1000
Type 2	L-LS6-150-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	6 mm	150 mm	1500
Type 2	L-LS6-600-2	LOOP® SHACKLE - Double String Extra Long	Dyneema SK78	6 mm	600 mm	1500
Type 2	L-LS6-270-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	6 mm	270 mm	1500
Type 2	L-LS8-190-2	LOOP® SHACKLE - Double String Short	Dyneema SK78	8 mm	190 mm	2500
Type 2	L-LS8-270-2	LOOP® SHACKLE - Double String Standard	Dyneema SK78	8 mm	270 mm	2500

LOOP® High Load Shackles



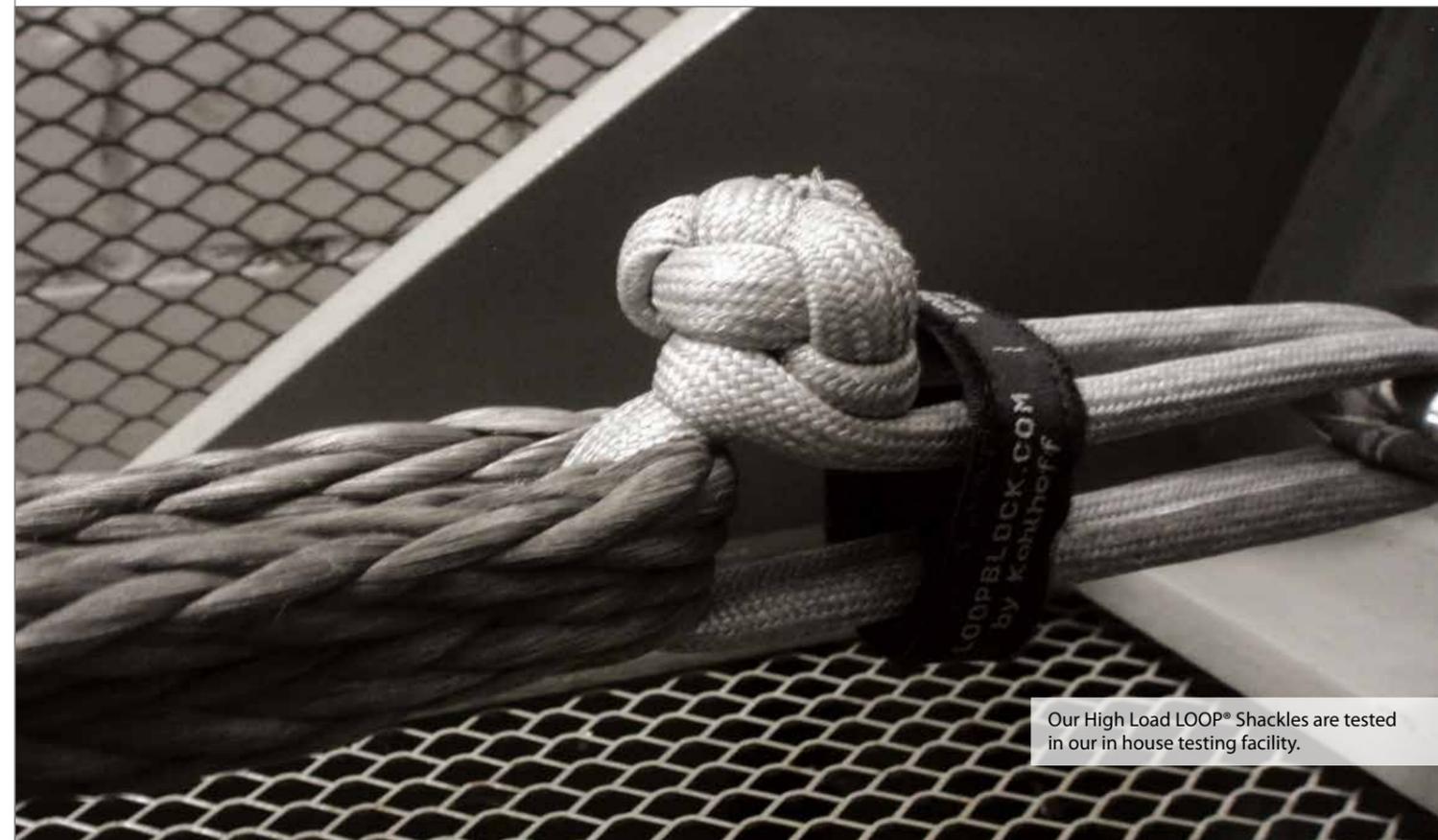
The evolution of our original LOOP® Shackles! Made of Gottifredi Maffioli's Ultra Wire, these shackles are more than 70 % stronger than the original for same weight. Gottifredi Maffioli's Ultra Wire is a long-angle braided construction with an exclusive HTR treatment (pre-stretch and heat-setting). This 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 LOOP® High Load Shackles can be used everywhere, particularly in difficult to access locations.



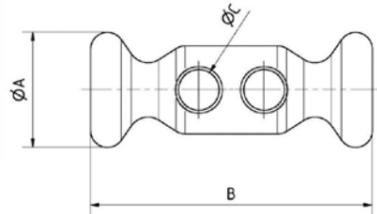
Product No.	Description	Material	Rope Dia.	Length open	MWL/kg
L-LSUW6-260-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	6 mm	260 mm	3000
L-LSUW8-290-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	8 mm	290 mm	5000
L-LSUW10-340-3	LOOP® High Load shackle w. Velco	DSK-99 Ultra Wire	10 mm	340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

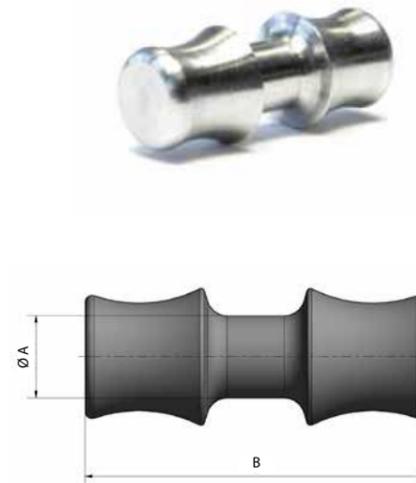


Our High Load LOOP® Shackles are tested in our in house testing facility.

Our new, stylish 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-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® 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.

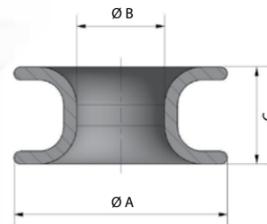


Product No.	Description	Material	Weight/g	For Ropes Dia.	MWL/kg
L-LC08-3	LOOP® CONNECTOR 8 open version L5-120-3 w/Velcro	Dyneema SK78	22	8-10 mm	1250
L-LC10-3	LOOP® CONNECTOR 10 open version L6-150-3 w/Velcro	Dyneema SK78	30	10-12 mm	2000
L-LC12-3	LOOP® CONNECTOR 12 open version L8-210-3 w/Velcro	Dyneema SK78	70	12-14 mm	3000
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® 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	Deforms at kg = MWL
L-THIMBLE20A	LOOP® Thimble	Aluminium	20 mm	12 mm	7 mm	6 mm	2	150 kg
L-THIMBLE24A	LOOP® Thimble	Aluminium	24 mm	11 mm	11 mm	8 mm	5	1150 kg
L-THIMBLE30A	LOOP® Thimble	Aluminium	30 mm	12 mm	13,5 mm	10 mm	7	1750 kg
L-THIMBLE40A	LOOP® Thimble	Aluminium	40 mm	20 mm	17,5 mm	12 mm	12	2500 kg
L-THIMBLE50A	LOOP® Thimble	Aluminium	50 mm	25 mm	22 mm	18 mm	39	4000 kg
L-THIMBLE60A	LOOP® Thimble	Aluminium	50 mm	30 mm	26 mm	24 mm	64	5000 kg

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.



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



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

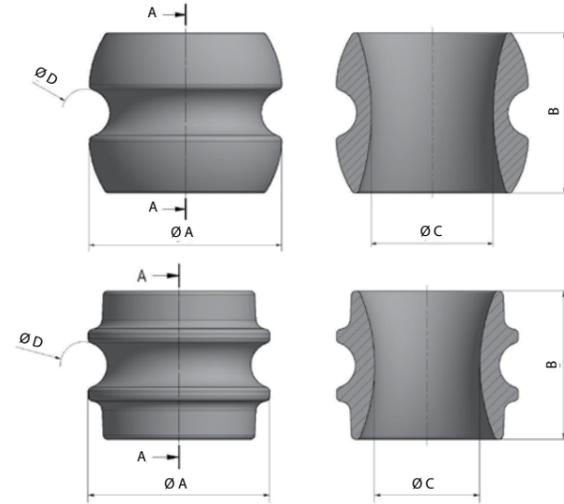
LOOP® Woggles

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



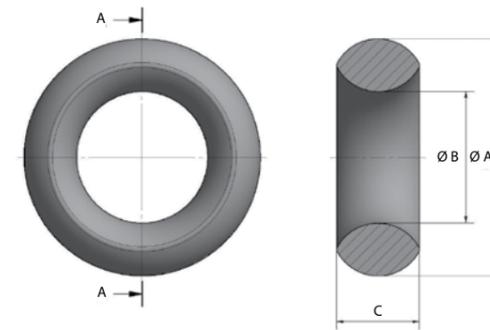
Product No.	Description	Material	A	B	C	D	Weight/g	MWL/kg
L-WOGGLE-S	LOOP® Woggle	Aluminium	38 mm	32 mm	22 mm	10 mm	38	1000
L-WOGGLE-M	LOOP® Woggle	Aluminium	48 mm	40 mm	30 mm	12 mm	65	1500
L-WOGGLE-L	LOOP® Woggle	Aluminium	59 mm	50 mm	37 mm	14 mm	124	3000
L-WOGGLE-MP	LOOP® Woggle	POM	42 mm	45 mm	22 mm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

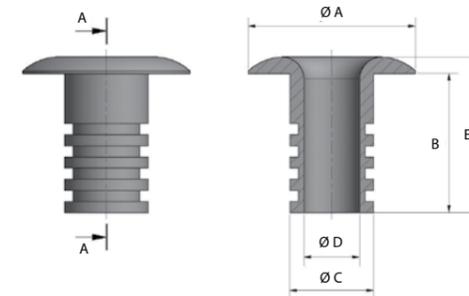
KOHLHOFF LOOP® RINGS are strong, maintenance-free rings made of hard anodized aluminum. They are commonly used to deflect sheets or control lines where their elliptical shape provides an extremely strong lead which is very kind on the rope. The simplicity of the ring makes it a lightweight and flexible 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

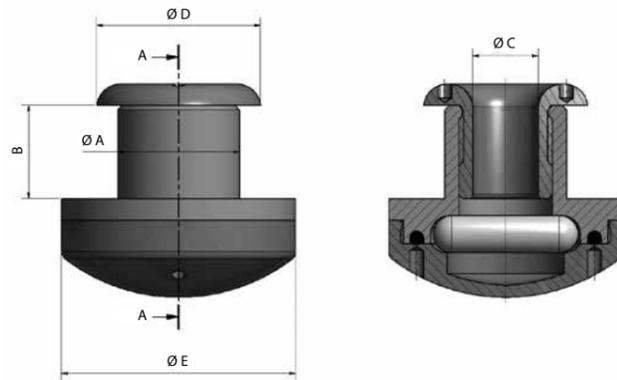
Our KOHLHOFF LOOP® Bushes are a stylish and functional way to create a deck opening. Made of aluminium with 10, 12 and 14 millimetre diameters, they can easily be cut to the right length. We use them for control lines on Sports boats. They can also be glued into carbon main booms for Lazy Jacks.



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



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.



All LOOP® Padeyes will be supplied with a sealed acetal cover.



The Nitronic50 dogbone sits in a recessed seat for easy maintenance.

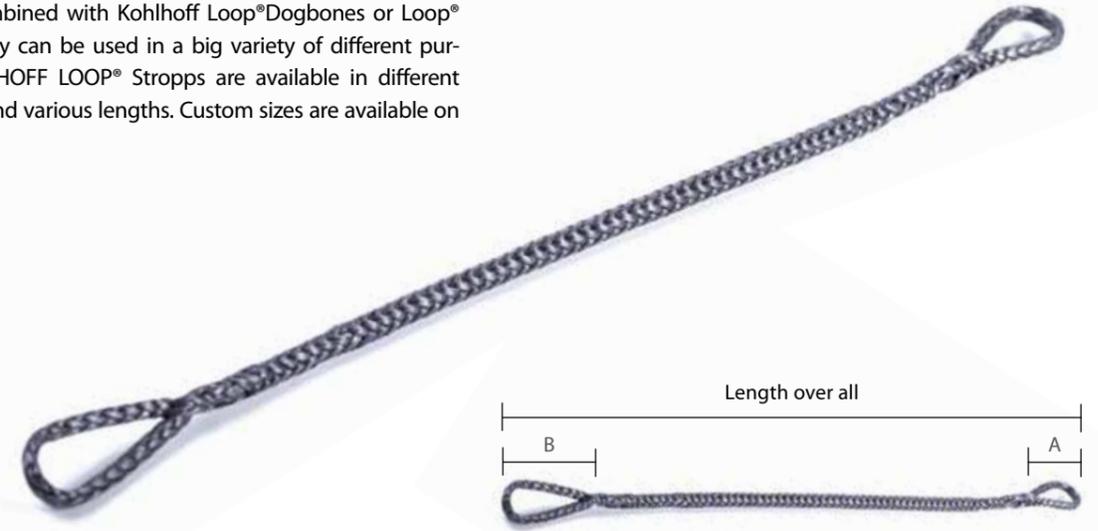


LOOP® Padeye 10 and 10s in the open version as a Fairlead.

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.

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 water-proof with outstanding abrasion resistance and very low stretch. Combined with Kohlhoff Loop® Dogbones or Loop® Thimble they can be used in a big variety of different purpose. KOHLHOFF LOOP® Stropp are available in different diameters and various lengths. Custom sizes are available on request.



The LOOP Stropp are measured like this.



LOOP® Stropp combined with a LOOP® Dogbone.



LOOP® Stropp combined with a LOOP® Thimble



LOOP® Stroppen on a Bente24

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



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

KOHLHOFF 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. KOHLHOFF LOOP® Blocks are lightweight, compact 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.



The Loop Block® 60 with needle bearings is the development to have the lowest possible friction under load.

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 60NB as a Code Zero Block on a SWAN 60.



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

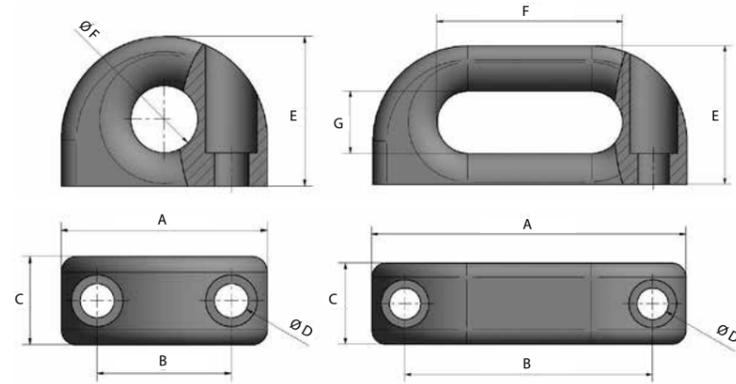
Product No.	Description	Sheave	Weight/g	Rope ø mm	MWL/kg	BL/kg
PLAIN BEARING						
L-LB45-3	LOOP® Block 45 with Knot	Acetal	88	up to 12	1500	3000
L-LB60-3	LOOP® Block 60 with Knot	Acetal	206	up to 16	3000	6000
BALL BEARING						
L-LB45BB-4	LOOP® Block 45 with Pin	Acetal	96	up to 12	1500	3000
L-LB45BB-4-REEF	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
TORLON NEEDLE BEARING						
L-LB60NB-4	LOOP® Block 60 with Needle Bearing and Pin	Aluminium red anodized	266	up to 16	2000	6000
L-LB60NB-5	LOOP® Block 60 with Needle Bearing & Becket	Aluminium red anodized	270	up to 16	2000	6000



LOOP® Fairleads



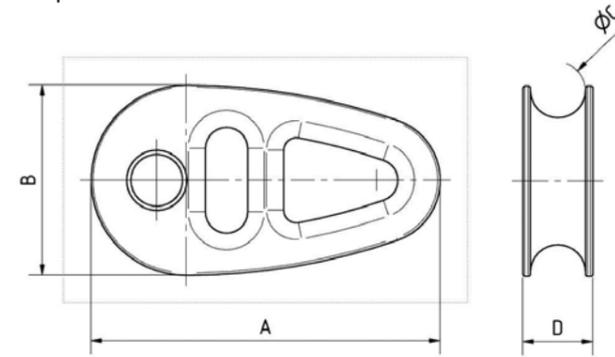
Made of high grade alloy the new KOHLHOFF LOOP® Fairleads are made for spinnaker guy or Jib sheet deflectors. They help avoid overruns on winches if mounted at the right position closed to a winch. Available for single or multiple lines in two different sizes.



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

LOOP® Furling Thimbles

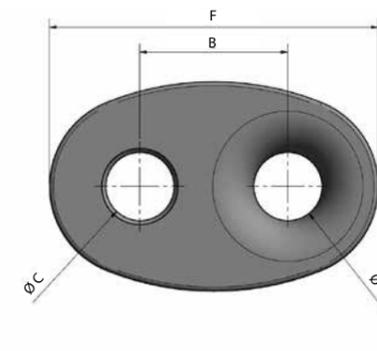
We developed a set of new Thimbles for Furling rope and other applications. KOHLHOFF LOOP® Furling Thimbles are made of high quality black anodized alloy. They have a straight pin hole and fit most common jaws of furling units. The lashing eye is smooth and round and designed to accommodate sufficient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



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



Foto: Jens Hoyer



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® Base



The concept for the Loop® Base comes from the increased use of lash blocks around the mast base. Specifically designed as a flexible solution for soft connections, the standard Loop® Base comes with eye or dogbone options for each of the four attachment points. The eyes (suitable for an 8mm shackle pin) are on a universal joint which allows articulation and alignment to varying load angles whilst the dogbone options offers a low profile solution for fixed loops.

The stainless steel base plate is bolted through the deck and then the upper anodized aluminium cover holds these eyes/dogbones securely in place with machine screws. The Loop® Base is also available in custom 2, 3 and 5 point versions.



Loop Base with Dogbones.

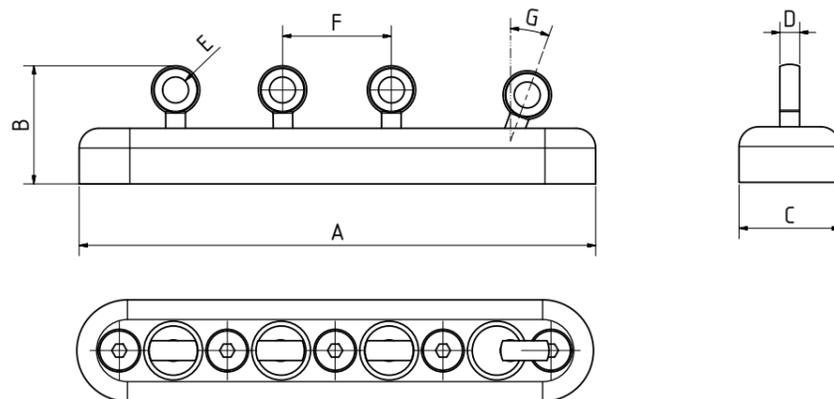


Loop Base with Swivel.



Additional dogbones and Swivels are available
Material in der Tabelle: Anodized Aluminium.

Product No.	Description	Material	A	B	C	D	E	F	G
L-BASE-M-4D	Universal Base with 4 Dogbones	Aluminium	158 mm	37 mm	31 mm	6 mm	8 mm	33 mm	20°
L-BASE-M-4S	Universal Base with 4 Swivels	Aluminium	158 mm	37 mm	31 mm	6 mm	8 mm	33 mm	20°
L-BASE-M-DOGBONE	Additional Dogbone for LOOP BASE M	Aluminium				6 mm			
L-BASE-M-SWIVEL	Additional Swivel for LOOP BASE M	Aluminium				6 mm			



LOOP® Sail Hanks



KOHLHOFF LOOP® Hanks are lightweight and small sized. They do not cause any stain spots on the sail and 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. Custom sizes are available on request.

KOHLHOFF LOOP® Hanks are made of Gottfredi 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.

Product No.	Description	Material	Rope Dia.	Length open	MWL/kg
L-LH2-075-3	LOOP® HANK 2 Standard Hank 2 mm	Dyneema SK78	2 mm	75 mm	200
L-LH3-100-3	LOOP® HANK 3 Standard Hank 3 mm	Dyneema SK78	3 mm	100 mm	400
L-LH4-110-3	LOOP® HANK 4 Standard Hank 4 mm	Dyneema SK78	4 mm	110 mm	600
L-LH5-120-3	LOOP® HANK 5 Standard Hank 5 mm	Dyneema SK78	5 mm	120 mm	1000
L-LH6-150-3	LOOP® HANK 6 Standard Hank 6 mm	Dyneema SK78	6 mm	150 mm	1500
L-LH8-190-3	LOOP® HANK 8 Standard Hank 8 mm	Dyneema SK78	8 mm	190 mm	2500



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.

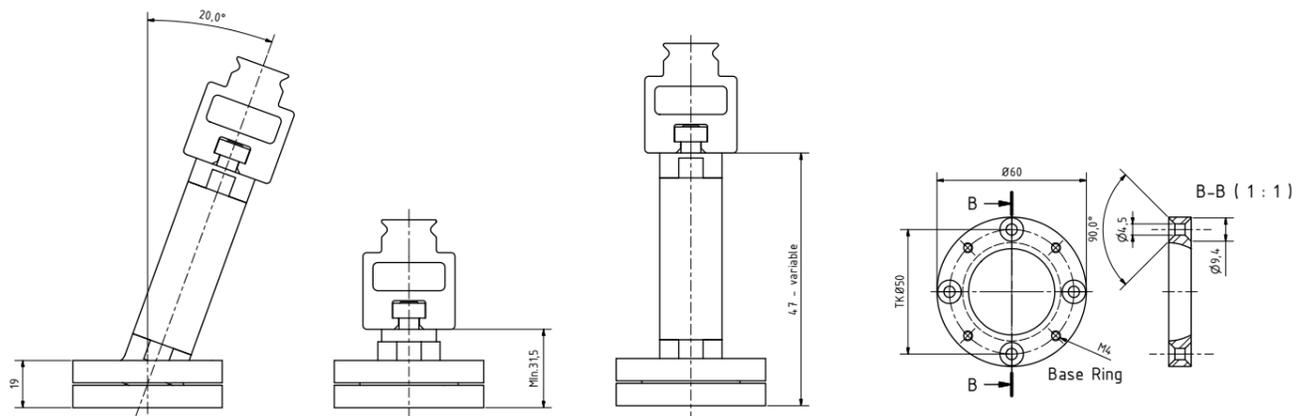


The parts are simple and quickly installed.



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.



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.

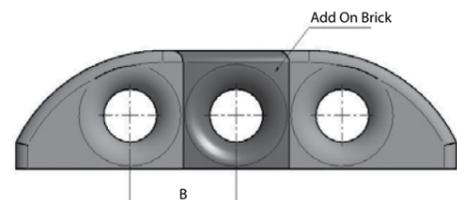
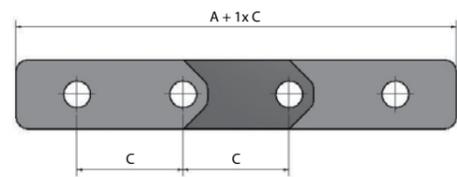
Available in two versions to be mounted either with normal DIN 912 Screws from the top or just threaded studs screwed in blind threads.



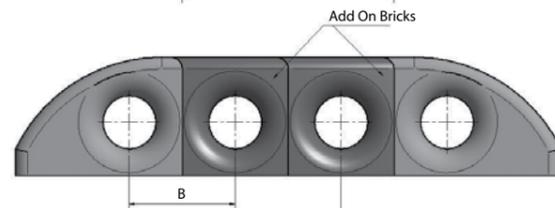
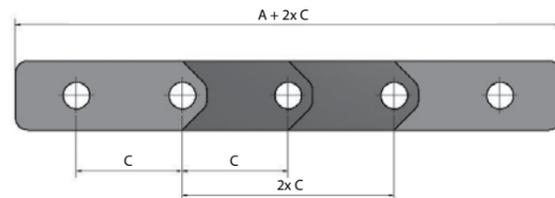
Additional bricks can be added.



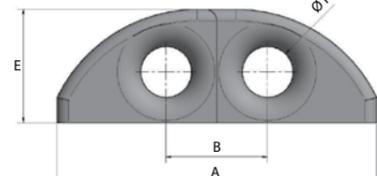
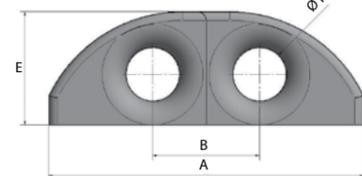
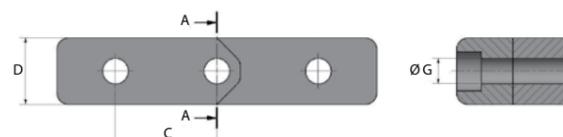
LOOP® Organizer 12-26 base brick also available with blind thread.



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

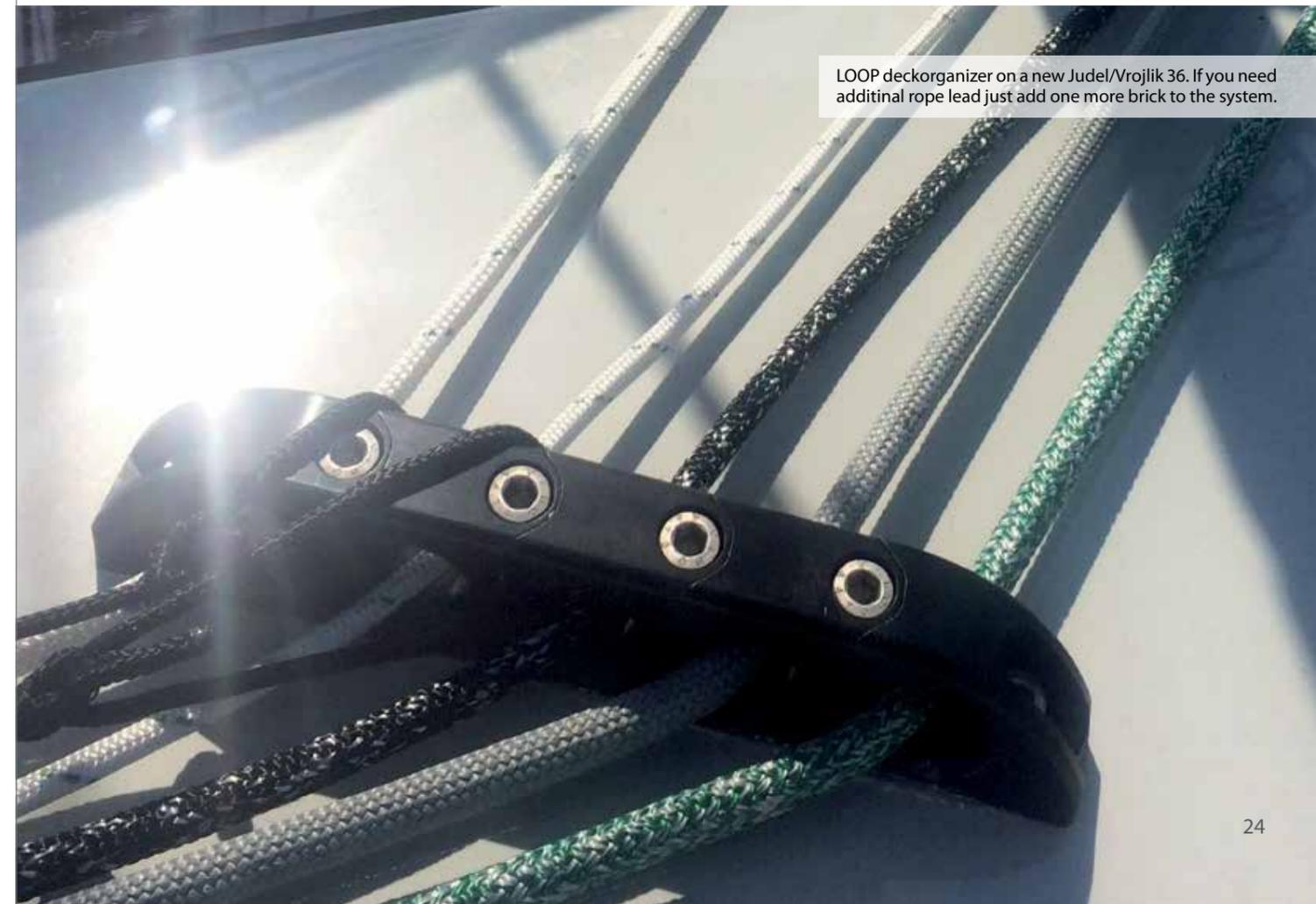


Example shown:
1 set L-L018-36 (Base Brick Set)
+ 2 pcs. L-L018-36-AO (Add On Brick)



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
L-L013-26-BT	LOOP® Organizer Double Fairlead BASE Brick Set with blind thread	Aluminium	12 mm
L-L013-26-BT-AO	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-BT-AO	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	
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

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

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



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

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



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

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.





Kohlhoff GmbH

Freesenberg 16, 24161 Altenholz, Germany

Tel. +49(0)431/220 21-0 , Fax. +49(0)431/220 21-10

info@kohlhoff-online.de

KOHLHOFF
specialized in deck equipment

www.kohlhoff-online.de