



## You will find everything you are looking for at Exalto

As a technical wholesaler with almost sixty years of craftsmanship, we are the partner for yacht builders and watersport retailers who value personal service, quality, and speed. With us, you can count on a team of experts ready to assist you with advice and support, no matter your question. We understand that the world of watersport and yacht building is constantly evolving, so we ensure that our solutions are always current and reliable. Whether you need a small accessory or a large shipment of high-quality parts, we have it in stock.

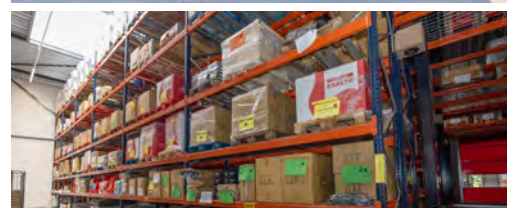
### Our mission is simple:

we aim to support you with more than just materials. We offer expertise, service and ensure you get exactly what you need at the right time. We offer excellent customer service, quickly and flexibly, so you can focus on what truly matters: building top yachts and satisfying your customers.

Whether you are an experienced professional or just starting in the world of watersport, Exalto is your reliable partner. We have the knowledge, experience, and flexibility to meet and exceed your expectations.

Join us and find out why so many customers choose Exalto. We look forward to supporting you on your next project!

# Exalto



Our new head-office in Hardinxveld-Giessendam

### What can you expect from us?

#### Almost sixty years of experience:

We know what works in yacht building and watersport, and we use our knowledge to offer you the best solutions.



#### Personalized advice:

Every customer is unique. We listen to your needs and provide tailored advice.



#### Quality & reliability:

Our products meet the highest standards. You can count on durable and reliable materials.



#### Flexibility:

We understand that sometimes you need to act quickly and outside the usual boundaries. That's why we're always ready to think along with you.



Exalto Industrie- en  
Handelsonderneming B.V.

T 0184 615 800

E [sales@exalto.com](mailto:sales@exalto.com)

[www.exalto.com](http://www.exalto.com)

# Index:

<b>Anchors</b>	<b>11</b>
Anchors	11
Anchor chains	13
Anchor Connectors	14
Chain stopper	15
Bow roller	15
Anchor winches	16
Relays for anchor winches	38
Capstans	38
Controls	40
<b>Actuators</b>	<b>42</b>
Actuators	42
Actuators accessories	44
Lifting columns	45
Cables	46
Lifting columns accessoires	46
<b>Anodes</b>	<b>50</b>
Hollex anodes	50
MGDuff weld anodes	54
MGDuff anodes	55
Electrical Brush Holders	60
<b>Bow thrusters</b>	<b>64</b>
Cupa Bow thrusters	64
QS Bow thrusters	65
Max Power Bow thrusters	72
<b>Fuel tanks and accessories</b>	<b>84</b>
Fuel tanks & Jerry cans	84
Fuel hoses	85
Fuel tank accessories	85
<b>Deck fittings</b>	<b>88</b>
Bollards	88
Cleats	88
Bow cleats	90
Deck eyes	91
Rings	91
Strip	92
General deck fittings	92

# Index:

Deck fillers	93
Mooring pin	95
Fender hooks	95
Handles	96
Hinges	96
Closures	98
Ski hook	100

## **Fenders** **102**

---

Solid head Fenders	102
Anchor Fenders	104
Float Fenders	104
Cylinder fenders	105
Mega Fenders	108
Drop Fenders	109
Dumpy Fenders	111
Bow Fenders	112
Pickup Fenders	112
Ring Fenders	113
Dock Fenders	113
Stair Fenders	116
Fast Fenders	117
Mini Fenders (Keychains)	119
Accessories for fenders	120

## **Filters** **122**

---

Hollex Cooling Water filters	122
Hollex Filter Spareparts	122
Cooling Water filters	123
Filter Spareparts	125

## **Fitting material** **130**

---

Sealing caps	130
Sealing plugs	130
Gate valves	130
Ball valves	131
Knee's	134
Thru-hulls	136
Nipples	138
Bleed nipples	140
Air vents	141
Vented loop	141

# Index:

Check valves	142
Hose connectors	142
Sockets	146
T-pieces	146
Threaded ends	147
Barrel nipples	147
Reducing nipple's	148
Reducing nipples	148
Reducing bushings	148
Reducing socket	149
Rings	150
Flange nuts	150
Nuts	151
Water scoops	151
Scooped strainer	152
Deck fillers	153
<b>Horns</b>	<b>155</b>
Electric horns	155
Air horns	156
Compressors	158
Horn accessories	159
<b>Hydrophores</b>	<b>162</b>
Hydrophores	162
Accessories for Hydrophores	162
<b>Installation and connection</b>	<b>166</b>
Connector studs	166
Battery terminal covers	166
Battery terminals clamps	167
CEE plugs and sockets	168
DC outlets	168
Cable ducts	169
Cable reels	170
Cables and battery cables	172
Cable lugs	174
Cable management	181
Peripherals	188
Relay's	188
Switches	189
Switch panels	192

# Index:

Pull switch	192
Fuses	192
Fuse holders	195
<b>Instruments</b>	<b>200</b>
Zipwake Kits	200
Zipwake Interceptors	201
Zipwake Display	206
Zipwake Cables	207
Zipwake Controlbox	208
Zipwake Accessories	208
Hollex Meters	210
Hollex Tubelar float's	222
Hollex Sensors	223
Hollex Reducers	225
Veratron Meters	225
Veratron Tubelar float's	234
Veratron Sensors	238
Veratron LinkUP	238
Veratron Control box	239
VDO Sensors	239
VDO Accessories	240
<b>Adhesives and sealants</b>	<b>244</b>
Cleaners	244
Primers	244
Adhesives and sealants	245
<b>Motors</b>	<b>251</b>
Electric Outboard Motors	251
Motor Accessoires	252
<b>Motor control</b>	<b>255</b>
Mechanical engine controls	255
DS units	255
Engine and gearbox control cables	256
Accessories for cables	267
Stop systems	268
Emergency stop	269
<b>Steering Cable</b>	<b>272</b>
Steering cables	272
Steering head	278

# Index:

---

## **Outboard** **280**

Boat hooks	280
Cable entry	280
Bailer Scoops	280
Mirror protection	280

---

## **Deck and escape hatches** **283**

Escape hatches	283
Accessories	285
Spare Parts	289

---

## **Portholes and frames** **292**

Portholes	292
Accessories portholes	294
Spare parts portholes	295

---

## **Pumps** **297**

Drain pumps	297
Drainage sets	297
Spare parts for pumps	297
Accessories	297

---

## **Cleaning** **301**

Cleaning products	301
Tools	307

---

## **Hoses and pipes** **309**

Hose reels	309
Hoses	310
Hose clamps	313

---

## **Locks** **320**

Padlock's	320
Complete lock set	320
Outboard Motor Lock	321
Shore Anchor	321

---

## **Chairs** **323**

Double seats	323
Seats	323
Steering Chairs	325
Complete seats	331

# Index:

## Chair pedestals 336

---

Hollex Seat pedestals	336
Zwaardvis Seat pedestals	337
Chair carriers	338
Footrest	339
Rail systems	340
Spare parts	340

## Tables 344

---

Table tops	344
Table top carrier	345
Table base	346
Table Column	347
Spare parts	348

## Steering wheels 350

---

Steering wheels	350
Steering wheel adapters	357
Steering pin	357

## Tanks 359

---

Oil tanks	359
Multi Tanks	359
Spare parts	360

## Ropes and Lines 363

---

Anchor lines	363
Fender lines	365
Mooring lines	367
Mooring springs	378

## Exhaust systems 381

---

Expansion Pieces	381
Weld bends	382
Wet exhaust systems	382

## Fire safety 386

---

Fire extinguishers	386
Fire blanket	386
Fire protection accessories	387

## Ventilation 389

---

Ventilation hoods	389
-------------------	-----

# Index:

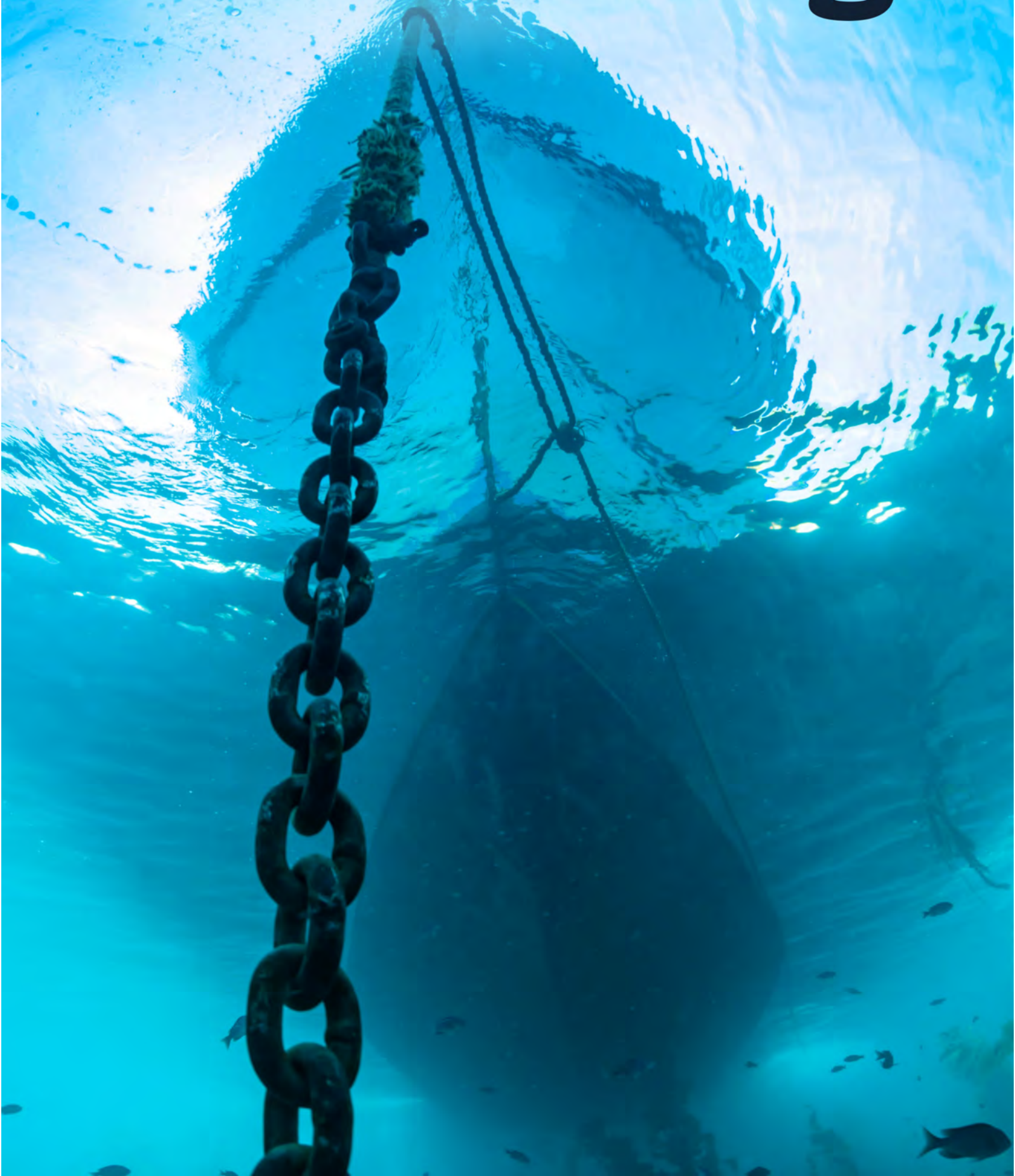
Air hose	391
Fans	391
<b>Lighting</b>	<b>395</b>
(Chart) reading lamps	395
Surface mounted lighting	396
Recessed lighting	402
Navigation lights	406
Work Lights	415
Deck Lights	416
Hand Spotlight	421
Underwater lighting	421
Replacement lamps	422
Accessories	426
<b>Flags</b>	<b>430</b>
Flags	430
Masts	432
Mast holder	432
Flagpoles	432
Flagpole holders	433
<b>Wash basins</b>	<b>435</b>
Single washbasins	435
Accessories for washbasins	436
<b>Swim ladders</b>	<b>438</b>
Swimming ladders	438
<b>Shaft seals</b>	<b>441</b>
Water-lubricated	441
Grease-lubricated	449
Grease and oil lubricated	450
Stopbus Packing	451
Spare parts Seal	451
Accessories	452
<b>Couplings</b>	<b>454</b>
Complete couplings	454
Flexible couplings	457
CV Joint	458
Clamping hubs	461
Adapter flange	463



# Index:

Damper plate	464
Mounting & repair kits	464
Spare parts	465
<b>Propellers</b>	<b>478</b>
Saildrive	478
Feathering screws - spare parts	481
Propeller puller	481
<b>Outboard propellers</b>	<b>488</b>
Hub kits	488
<b>Wiper motors</b>	<b>493</b>
Wiper motors	493
<b>Wiper arms</b>	<b>501</b>
Wiper arms	501
<b>Wiper blades</b>	<b>506</b>
Wiper blades	506
<b>Wiper controls</b>	<b>510</b>
Wiper controls	510
<b>Windscreen washer installation</b>	<b>514</b>
Installation	514

# Anchoring





All the products are made and distributed by MZ Electronic S.r.l.

# YOUR PARTNER FOR ANCHORING

*Born from Orvea know how, that manufactures since 1947 a complete range of anchor windlasses, capstans, chain stoppers and electronic accessories.*

[www.italwinch.com](http://www.italwinch.com)



We are proud to inform you about **MZ Electronic** takeover of **Officina Navale Nanni S.r.l. (O.N.N.)**. O.N.N. was born in 1950 in Viareggio; it is specialized in creating vertical and horizontal windlasses, chain stoppers, capstans and deck equipments for boats up to 90 meters (diameter of the chain 32 mm with stud-link). All the products support electric, hydraulic and pneumatic supplies and can be certified with the most important naval registers (RINA, BV, LR, RMRS, ABS, etc.).

The factory has a big experience in carrying out custom products, in order to meet any need encountered during planning stage.



## Hollex Anchors stainless steel 316

Our own Hollex Anchors, made of unparalleled high-quality polished stainless steel (RVS316). Please refer to the dimensional drawing for detailed information on the dimensions. Anchors are available in various weights.

### Material Stainless steel (AISI 316) Polished

Item no.	Description
123312	Hollex anchor 12kg AISI316 polished
123320	Hollex anchor 20kg AISI316 polished
123325	Hollex anchor 25kg AISI316 polished
123330	Hollex anchor 30kg AISI316 polished
123335	Hollex anchor 35kg AISI316 polished

## Hollex Manta Anchors

The Hollex Manta Anchor.

An excellent choice for boat owners seeking reliability and durability. This anchor is made of high-quality RVS316 (stainless steel) material and is available in various sizes and weights to meet your specific anchoring needs.

### Material Stainless steel (AISI 316)

Item no.	Description
123175	Hollex Manta anchor AISI316 7,5kg
123110	Hollex Manta anchor AISI316 10kg
123120	Hollex Manta anchor AISI316 20kg
123125	Hollex Manta anchor AISI316 25kg
123130	Hollex Manta anchor AISI316 30kg
123140	Hollex Manta anchor AISI316 40kg
123150	Hollex Manta anchor AISI316 50kg

## Hollex Plow Anchors

The Hollex Plow Anchor, an excellent choice for boat owners seeking a reliable and durable anchor. These anchors are made of high-quality polished stainless steel (AISI 316) and are available in various weights, including 6 kg, 10 kg, 16 kg, 20 kg, and 25 kg. This provides you with the option to choose the right weight that suits your boat size and anchoring requirements.

### Material Stainless steel (AISI 316) Polished

Item no.	Description
123206	Hollex Plough Anchor 6 kg
123210	Hollex Plough Anchor 10 kg
123216	Hollex Plough Anchor 16 kg
123220	Hollex Plough Anchor 20 kg
123225	Hollex Plough Anchor 25 kg



## Hollex Folding Grapnel Anchors

The Hollex Umbrella Anchor. A reliable choice for boat owners seeking an efficient and versatile anchor. These anchors are made of durable galvanized steel and are available in various weights, including 1.5 kg, 2.5 kg, 3.2 kg, 4 kg, 6 kg, and 8 kg. This provides you with the flexibility to choose the right weight for your boat and anchoring needs.



Material		Galvanized steel
Item no.	Description	
123415	Hollex folding grapnel anchor 1,5 kg	
123425	Hollex folding grapnel anchor 2,5 kg	
123432	Hollex folding grapnel anchor 3,2 kg	
123440	Hollex folding grapnel anchor 4,0 kg	
123460	Hollex folding grapnel anchor 6,0 kg	
123480	Hollex folding grapnel anchor 8,0 kg	

## Hollex Mushroom Anchors

Hollex Mushroom Anchor.

An excellent choice for boat owners seeking a lightweight and durable anchor for their small boats. This anchor is made of laminated PVC material, which provides both weight savings and durability. You can choose from two variants, 3 kg and 5 kg, depending on your boat size and anchoring needs.



Material		Galvanized steel	PVC
Item no.	Description	Color	
50380	Hollex anchor mushroom 3 kg PVC laminated	Red	
50381	Hollex anchor mushroom 5 kg PVC laminated	Yellow	

## Hollex anchor chain DIN766 stainless steel 316

These stainless steel (RVS 316) anchor chains are available in 8 and 10 mm sizes. The chains are in accordance with DIN 766 standards; the 10 mm stainless steel anchor chain is also available upon request in accordance with DIN 766L (ISO 4565). Due to fluctuations in stainless steel prices, we calculate the prices for the chains below based on daily rates. Please inquire with our Sales department for current pricing.

Material	Stainless steel (AISI 316)		
Standard	DIN 766		
Item no.	Chain thickness (mm)	Length (m)	Max. load (kN)
1201.025	6	25	16
1201.050	6	50	16
1201.100	6	100	16
1202.005	8	5	20
1202.030	8	30	20
1202.050	8	50	20
1202.100	8	100	20
1203.005	10	5	32
1203.025	10	25	32
1203.030	10	30	32
1203.050	10	50	32

## Hollex anchor chain DIN766 Galvanized steel

Galvanized anchor chain. Available in 8, 10, and 13 mm, according to DIN 766 standards. Available in standard lengths. For non-standard lengths, price and delivery time are available upon request.

Material	Galvanized steel		
Standard	DIN 766		
Item no.	Chain thickness (mm)	Length (m)	Max. load (kN)
1207.030	6	30	16
1204.025	8	25	32
1204.030	8	30	32
1204.050	8	50	32
1204.100	8	100	32
1206.025	10	25	50
1206.030	10	30	50
1206.050	10	50	50
1206.100	10	100	50
1208.050	13	50	80
1208.100	13	100	80

## Hollex anchor chain ISO4565 Galvanized steel

Galvanized anchor chain. Available in 8, 10, and 13 mm according to DIN 766L (ISO 4565) standards. Available in the specified standard lengths. For non-standard lengths, price and delivery time are available upon request.



**Material** Galvanized steel  
**Standard** ISO 4565

Item no.	Chain thickness (mm)	Length (m)	Max. load (kN)
1205.025	10	25	50
1205.030	10	30	50
1205.050	10	50	50
1205.060	10	60	50
1205.100	10	100	50

## Hollex Anchor Connectors Swiveling

Swivel made of polished stainless steel (RVS 316), rotating. Suitable for 8 or 10mm chains.

**Material** Stainless steel (AISI 316)

Item no.	Description
127021	Hollex connector fixed for anchor chain 10mm
127022	Hollex connector fixed for anchor chain 13mm



## Hollex Anchor Connectors double Swiveling

Swivel made of polished stainless steel (RVS 316), rotating. Suitable for 8 or 10mm chains.

**Material** Stainless steel (AISI 316)

Item no.	Description
127025	Hollex connector swiveling for chain 8mm
127026	Hollex connector swiveling for chain 10mm



## Hollex Anchor Connectors

Swivels made of RVS 316, suitable for 8mm and 10mm chains.

**Material** Stainless steel (AISI 316)

Item no.	Description
1280	Hollex swivel AISI316 for chain 8mm
1281	Hollex swivel AISI316 for chain 10mm





## Hollox Anchor Connectors

H- and D-connectors made of RVS 316, suitable for 10mm chains.

**Material** Stainless steel (AISI 316)

Item no.	Description
1285	Hollox H-closure 10mm AISI316
1286	Hollox D-closure 10mm AISI316
1287	Hollox D-closure 8mm AISI316 extra wide 28mm

## Hollox Chain Stopper

**Material** Stainless steel (AISI 316)

Item no.	Description	LxWxH
127027	Hollox Chain Stopper for 6, 8 and 10mm	80x70x61 mm

## Hollox Bow roller

Our bow rollers are made of polished stainless steel (RVS 316) and come with nylon wheels. 127101 is suitable for; Delta, plow, and Danforth anchors. 127102, 127103, 127104, and 127105 are suitable for; Delta, plow, Danforth, Force, and Bruce anchors.

**Material** Stainless steel (AISI 316)

Item no.	LxWxH	Pull force (kg)	Retrieval speed (mm)
127101	220x61x113 mm	12	10

## Hollox Bow roller

Our bow rollers are made of polished stainless steel (RVS 316) and equipped with nylon wheels.

127101 is suitable for Delta, plow, and Danforth anchors. 127102, 127103, 127104, and 127105 are suitable for Delta, plow, Danforth, Force, and Bruce anchors.

**Material** Stainless steel (AISI 316)

Item no.	LxWxH	Pull force (kg)	Retrieval speed (mm)
127102	400x63x65 mm	16	16
127103	480x90x73 mm	20	25



## Hollex Bow roller

**Material** Stainless steel (AISI 316)

Item no.	LxWxH	Pull force (kg)
115102270	330x70x200 mm	10
115102271	400x70x200 mm	15
115102272	490x90x200 mm	20
115102273	595x90x205 mm	30
115102269	890x100x235 mm	50



## Hollex Bow roller

Our bow rollers are made of polished stainless steel (RVS 316) and equipped with nylon wheels.

127101 is suitable for; Delta, plow, and Danforth anchors.

127102, 127103, 127104, and 127105 are suitable for; Delta, plow, Danforth, Force, and Bruce anchors.

**Material** Stainless steel (AISI 316)

Item no.	LxWxH	Pull force (kg)	Retrieval speed (mm)
127104	400x76x63 mm	16	16
127105	480x106x80 mm	20	25



## Anchor winch Star Plus Hydraulic

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.

**Type Model** Vertical  
**Material** Chromed bronze  
**Chaincounter sensor** On request  
**Type Version** Hydraulic  
**Suitable for** Yachts up to 26m

Item no.	Description	Working load (kg)
SP09HY.10D7	Hydraulic chain 10mm DIN766 with drum	1500
SP09HY.10SD	Hydraulic chain 10mm ISO with drum	1500
SP09HY.12L	Hydraulic chain 13mm DIN766	1500
SP09HY.14L	Hydraulic chain 14mm	1500





## Anchor winch Star 1500W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.

<b>Type Model</b>	<b>Vertical</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 19m</b>

Item no.	Description	Working load (kg)
ST1500.1210D	12V 1500W / chain 10mm ISO with drum	170
ST1500.1210D7	12V 1500W / chain 10mm DIN766 with drum	170
ST1500.1210L	12V 1500W / chain 10mm ISO	170
ST1500.1210L7	12V 1500W / chain 10mm DIN766	170
ST1500.2410D	24V 1500W / chain 10mm ISO with drum	180
ST1500.2410D7	24V 1500W / chain 10mm DIN766 with drum	180
ST1500.2410L	24V 1500W / chain 10mm ISO	180
ST1500.2410L7	24V 1500W / chain 10mm DIN766	180



## Anchor winch Smart V 500W

SMART-V is a stainless steel AISI 316 vertical windlass with planetary drive. Available low profile, with different drives and recommended for boats up to 10m. SMART-V can use chains up to 8 mm and is equipped with rope tensioner. Comes with built-in chain counter sensor.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 10m</b>

Item no.	Description	Working load (kg)
SV0500.1206L	12V 500W / chain 6mm	90
SV0500.1208L	12V 500W / chain 8mm	90
SV0500.2406L	24V 500W / chain 6mm	90
SV0500.2408L	24V 500W / chain 8mm	90



## Anchor winch Smart R3 700W

Vertical anchor winch made of aluminum and stainless steel with a round base. Available in high or low profile, with various drives, and recommended for boats up to 16 meters. SMART-R3 is suitable for DIN766 chains of 6 mm, 8 mm, or 10 mm. Comes with a built-in chain sensor.



<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316) Aluminum</b>
<b>Chaincounter sensor</b>	<b>Yes</b>
<b>Type Version</b>	<b>Electric</b>
<b>Power in watts</b>	<b>700</b>
<b>Suitable for</b>	<b>Yachts up to 16m</b>

Item no.	Description	Working load (kg)
R3700.1208L	12V 700W / chain 8mm	100
R3700.2408L	24V 700W / chain 8mm	100

## Anchor winch Smart R1 500W

Vertical anchor winch made of aluminum and stainless steel with a round base. Available in high or low profile, with various drives, and recommended for boats up to 13 meters. SMART-R1 is suitable for chains of 6 mm, 7 mm, or 8 mm. Comes with a built-in chain sensor.



<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316) Aluminum</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 13m</b>

Item no.	Description	Working load (kg)
R10500.1206D	12V 500W / chain 6mm with drum	90
R10500.1206L	12V 500W / chain 6mm	90
R10500.1208D	12V 500W / chain 8mm with drum	90
R10500.1208L	12V 500W / chain 8mm	90





## Anchor winch Smart Plus 1000W

The anchor winch is made of RVS 316. The Smart Plus comes standard with an integrated chain counter sensor and has an IP67 motor cover. Winches with 8mm chain gypsy are suitable for both anchor chain and anchor line. This allows for bringing in a combination of anchor chain with braided line. Article codes ending with a D include a gypsy, while codes ending with an L do not include a gypsy.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 16m</b>

Item no.	Description	Working load (kg)
SS1000.1206D	12V 1000W / chain 6mm with drum	130
SS1000.1206L	12V 1000W / chain 6mm	130
SS1000.1208D	12V 1000W / chain 8mm with drum	130
SS1000.1208L	12V 1000W / chain 8mm	130
SS1000.1210D	12V 1000W / chain 10mm ISO with drum	130
SS1000.1210D7	12V 1000W / chain 10mm DIN766 drum	130
SS1000.1210L	12V 1000W / chain 10mm ISO	130
SS1000.1210L7	12V 1000W / chain 10mm DIN766	130
SS1000.2406D	24V 1000W / chain 6mm with drum	140
SS1000.2406L	24V 1000W / chain 6mm	140
SS1000.2408D	24V 1000W / chain 8mm with drum	140
SS1000.2408L	24V 1000W / chain 8mm	140
SS1000.2410D	24V 1000W / chain 10mm ISO with drum	140
SS1000.2410D7	24V 1000W / chain 10mm DIN766 drum	140
SS1000.2410L	24V 1000W / chain 10mm ISO	140
SS1000.2410L7	24V 1000W / chain 10mm DIN766	140



## Anchor winch Raja Hydraulic

<b>Type Model</b>	<b>Horizontal</b>
<b>Type Version</b>	<b>Hydraulic</b>

Item no.	Description	Working load (kg)
RA-09HY-10D-A	Hydraulic / chain 10mm DIN766	700
RA-09HY-10S-A	Hydraulic / chain 10mm ISO	700
RA-09HY-12D-A	Hydraulic anchor winch/chain 12mm ISO/13mm DIN766	700
RA-09HY-12H-A	Hydraulic / chain 1/2" HT	700
RA-09HY-12T-A	Hydraulic anchor winch/chain 12.5mm with stud link	700
RA-09HY-14S-A	Hydraulic / chain 14mm ISO	700
RA-09HY-14T-A	Hydraulic / chain 14mm with stud link	700

## Anchor winch Orchid Hydraulic

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Chaincounter sensor</b>	<b>Yes</b>
<b>Type Version</b>	<b>Hydraulic</b>



Item no.	Description
OR-07HY-10D	Hydraulic / chain 10mm ISO with drum
OR-07HY-10D7	Hydraulic / chain 10mm DIN766 with drum
OR-07HY-10L	Hydraulic / chain 10mm ISO
OR-07HY-10L7	Hydraulic / chain 10mm DIN766
OR-07HY-12D	Hydraulic / chain 12mm ISO with drum
OR-07HY-12L	Hydraulic / chain 12mm ISO
OR-07HY-13D	Hydraulic / chain 13mm DIN766 with drum
OR-07HY-13L	Hydraulic / chain 13mm DIN766
OR-09HY-10D7	Hydraulic / chain 10mm DIN766 with drum
OR-09HY-10L7	Hydraulic / chain 10mm DIN766
OR-09HY-10SD	Hydraulic / chain 10mm ISO with drum
OR-09HY-10SL	Hydraulic / chain 10mm ISO
OR-09HY-12D	Hydraulic / chain 12mm ISOMD
OR-09HY-12L	Hydraulic / chain 12mm ISO
OR-09HY-13D	Hydraulic / chain 13mm DIN766 with drum
OR-09HY-13L	Hydraulic / chain 13mm DIN766

## Anchor winch NV16 Hydraulic

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Hydraulic</b>



Item no.	Description	Working load (kg)
NV16-11HY-12D-SX	Hydraulic anchor winch/chain 12mm ISO/13mm DIN766 with	3000
NV16-11HY-13D-SX	Hydraulic / chain 13mm DIN764 with drum	3000
NV16-11HY-14D-SX	Hydraulic / chain 14mm ISO with drum	3000
NV16-11HY-14DT-S	Hydraulic / chain 14mm with drum and stud link	3000
NV16-11HY-16DD-S	Hydraulic / chain 16mm DIN766 with drum	3000
NV16-11HY-16D-SX	Hydraulic / chain 16mm ISO with drum	3000
NV16-11HY-16DT-S	Hydraulic / chain 16mm with drum and stud link	3000



## Anchor winch Fyn 12V

aluminum anodised windlass with white painted finish. Gipsy of chrome plated bronze. Takes anchor chains 8-10mm DIN766L and ISO 4565. On request available for DIN766 chain and ISO 4565. Suitable for boats with a length of 13-18 meters.

<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Anodized aluminum</b>
<b>Chaincounter sensor</b>	<b>No</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>12</b>
<b>Power in watts</b>	<b>1700</b>
<b>Suitable for</b>	<b>Yachts up to 18m</b>

Item no.	Description	Working load (kg)
FY1700.1208D	12V 1700W / chain 8mm with drum	260
FY1700.1210D	12V 1700W / chain 10mm ISO with drum	260
FY1700.1212D	12V 1700W / chain 12mm ISO with drum	260
FY-1712-10D7	12V 1700W / chain 10mm DIN766 with drum	260



## Anchor winch Devon 24V

aluminum horizontal windlass with bronze gipsy and chrome plated cover. Will take chains of 8-10mm DIN766. Om request also available for ISO chain. For boats up to 17 metres. The Devons are standard supplied with chain counter sensor.

<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Anodized aluminum</b>
<b>Chaincounter sensor</b>	<b>Yes</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Suitable for</b>	<b>Yachts up to 15m</b>

Item no.	Description	Working load (kg)
DE1000.2408D	24V 1000W / chain 8mm with drum	160
DE1500.2410D7	24V 1500W / chain 10mm DIN766 with drum	190



## Anchor winch Devon 12V

aluminum horizontal windlass with bronze gipsy and chrome plated cover. Will take chains of 8-10mm DIN766. Om request also available for ISO chain. For boats up to 17 metres. The Devons are standard supplied with chain counter sensor.

<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Anodized aluminum</b>
<b>Chaincounter sensor</b>	<b>Yes</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>12</b>
<b>Suitable for</b>	<b>Yachts up to 15m</b>

Item no.	Description	Working load (kg)
DE1000.1208D	12V 1000W / chain 8mm with drum	150
DE1500.1210D7	12V 1500W / chain 10mm DIN766 with drum	180

## Anchor winch Iki Pro 500W

**Type Model** Horizontal  
**Material** Stainless steel (AISI 316)

Item no.	Description	Working load (kg)
IK-0512-06D	12V 500W / chain 6mm with drum	90
IK-0512-06L	12V 500W / chain 6mm	90
IK-0512-08D	12V 500W / chain 8mm with drum	90
IK-0512-08L	12V 500W / chain 8mm	90
IK-0524-06D	24V 500W / chain 6mm with drum	90
IK-0524-06L	24V 500W / chain 6mm	90
IK-0524-08D	24V 500W / chain 8mm with drum	90
IK-0524-08L	24V 500W / chain 8mm	90



## Anchor winch Star Plus 2200W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.

**Type Model** Vertical  
**Material** Chromed bronze  
**Chaincounter sensor** On request  
**Type Version** Electric  
**Voltage (V)** 230 400  
**Power in watts** 2200  
**Suitable for** Yachts up to 26m

Item no.	Description	Working load (kg)
SP2200.AC12D	230V 2200W / chain 13mm DIN766 with drum	525
SP2200.AC12L	230V 2200W / chain 13mm DIN766	525
SP2200.AC13D7	230V 2200W / chain 13mm DIN766 with drum	525
SP2200.AC14D	230V 2200W / chain 14mm with drum	525
SP2200.AC14L	230V 2200W / chain 14mm ISO	525





## Anchor winch Star 1700W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.

**Type Model** Vertical  
**Type Version** Electric  
**Suitable for** Yachts up to 19m

Item no.	Description	Working load (kg)
ST1700.1210D	12V 1700W / chain 10mm ISO with drum	240
ST1700.1210D7	12V 1700W / chain 10mm DIN766 with drum	240
ST1700.1210L	12V 1700W / chain 10mm ISO	240
ST1700.1210L7	12V 1700W / chain 10mm DIN766	240
ST1700.1212D	12V 1700W / chain 12mm with drum	240
ST1700.1212L	12V 1700W / chain 12mm	240
ST1700.2410D	24V 1700W / chain 10mm ISO with drum	250
ST1700.2410D7	24V 1700W / chain 10mm DIN766 with drum	250
ST1700.2410L	24V 1700W / chain 10mm ISO	250
ST1700.2410L7	24V 1700W / chain 10mm DIN766	250
ST1700.2412D	24V 1700W / chain 12mm with drum	250
ST1700.2412L	24V 1700W / chain 12mm	250



## Anchor winch Smart V 800W

SMART-V is a stainless steel AISI 316 vertical windlass with planetary drive. Available low profile, with different drives and recommended for boats up to 10m. SMART-V can use chains up to 8 mm and is equipped with rope tensioner. Comes with built-in chain counter sensor.

**Type Model** Vertical  
**Material** Stainless steel (AISI 316)  
**Type Version** Electric  
**Suitable for** Yachts up to 10m

Item no.	Description	Working load (kg)
SV0800.1206L	12V 800W / chain 6mm	100
SV0800.1208L	12V 800W / chain 8mm	100
SV0800.2406L	24V 800W / chain 6mm	100
SV0800.2408L	24V 800W / chain 8mm	100





## Anchor winch Smart R3 1000W

Vertical anchor winch made of aluminum and stainless steel with a round base. Available in high or low profile, with various drives, and recommended for boats up to 16 meters. SMART-R3 is suitable for DIN766 chains of 6 mm, 8 mm, or 10 mm. Comes with a built-in chain sensor.



<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316) Aluminum</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 16m</b>

Item no.	Description	Working load (kg)
R31000.1208D	12V 1000W / chain 8mm with drum	130
R31000.1208L	12V 1000W / chain 8mm	130
R31000.1210D7	12V 1000W / chain 10mm DIN766 with drum	130
R31000.1210L7	12V 1000W / chain 10mm DIN766	130
R31000.2408D	24V 1000W / chain 8mm with drum	140
R31000.2408L	24V 1000W / chain 8mm	140
R31000.2410D7	24V 1000W / chain 10mm with drum	140
R31000.2410L7	24V 1000W / chain 10mm DIN766	140

## Anchor winch Smart R1 700W

Vertical anchor winch made of aluminum and stainless steel with a round base. Available in high or low profile, with various drives, and recommended for boats up to 13 meters. SMART-R1 is suitable for chains of 6 mm, 7 mm, or 8 mm. Comes with a built-in chain sensor.



<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316) Aluminum</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 13m</b>

Item no.	Description	Working load (kg)
R10700.1208D	12V 700W / chain 8mm with drum	100
R10700.1208L	12V 700W / chain 8mm	100
R10700.2408D	24V 700W / chain 8mm with drum	110
R10700.2408L	24V 700W / chain 8mm	110





## Anchor winch Smart Plus 1500W

The anchor winch is made of RVS 316. The Smart Plus comes standard with an integrated chain counter sensor and has an IP67 motor cover. Winches with an 8mm chain gypsy are suitable for both anchor chain and anchor line. This allows for bringing in a combination of anchor chain with braided line. Article codes ending with a D include a capstan, while codes ending with an L do not include a capstan.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 16m</b>

Item no.	Description	Working load (kg)
SS1500.1208D	12V 1500W / chain 8mm with drum	150
SS1500.1208L	12V 1500W / chain 8mm	150
SS1500.1210D	12V 1500W / chain 10mm ISO with drum	150
SS1500.1210D7	12V 1500W / chain 10mm DIN766 drum	150
SS1500.1210L	12V 1500W / chain 10mm ISO	150
SS1500.1210L7	12V 1500W / chain 10mm DIN766	150
SS1500.2408D	24V 1500W / chain 8mm with drum	160
SS1500.2408L	24V 1500W / chain 8mm	160
SS1500.2410D	24V 1500W / chain 10mm ISO with drum	160
SS1500.2410D7	24V 1500W / chain 10mm DIN766 drum	160
SS1500.2410L	24V 1500W / chain 10mm ISO	160
SS1500.2410L7	24V 1500W / chain 10mm DIN766	160



## Anchor winch Orchid 1500W

<b>Type Model</b>	<b>Vertical</b>
-------------------	-----------------

Item no.	Description	Working load (kg)
OR-1512-08D	12V 1500W / chain 8mm with drum	170
OR-1512-08L	12V 1500W / chain 8mm	170
OR-1512-10D	12V 1500W / chain 10mm ISO with drum	170
OR-1512-10D7	12V 1500W/chain 10mm DIN766 with drum	170
OR-1512-10L	12V 1500W / chain 10mm ISO	170
OR-1512-10L7	12V 1500W / chain 10mm DIN766	170
OR-1524-08D	24V 1500W / chain 8mm with drum	180
OR-1524-08L	24V 1500W / chain 8mm	180
OR-1524-10D	24V 1500W / chain 10mm ISO with drum	180
OR-1524-10D7	24V 1500W / chain 10mm ISO with drum	180
OR-1524-10L	24V 1500W / chain 10mm ISO	180
OR-1524-10L7	24V 1500W / chain 10mm DIN766	180

## Anchor winch Obi 24V

Horizontal axis anchor winch made of anodized aluminum alloy, with a chrome plated gipsy cover. This model features a manual chain freefall system. Available with or without a drum (cat. nos ending with a D are with drum, cat. nos ending with a L come without a drum). Winches for chain ISO 4565 available upon request.

<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Anodized aluminum</b>
<b>Chaincounter sensor</b>	<b>Yes</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Suitable for</b>	<b>Yachts up to 15m</b>

Item no.	Description	Working load (kg)
OB1000.2408D	24V 1000W / chain 8mm drum	140
OB1000.2410D	24V 1000W / chain 10mm with drum	140
OB1000.2410D7	24V 1000W / chain 10mm DIN766 with drum	140
OB1500.2408D	24V 1500W / chain 8mm with drum	160
OB1500.2410D7	24V 1500W / chain 10mm DIN766 with drum	160



## Anchor winch Obi 12V

Horizontal axis anchor winch made of anodized aluminum alloy, with a chrome plated gipsy cover. This model features a manual chain freefall system. Available with or without a drum (cat. nos ending with a D are with drum, cat. nos ending with a L come without a drum). Winches for chain ISO 4565 available upon request.

<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Anodized aluminum</b>
<b>Chaincounter sensor</b>	<b>Yes</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>12</b>
<b>Suitable for</b>	<b>Yachts up to 15m</b>

Item no.	Description	Working load (kg)
OB0500.1208L	12V 500W / chain 8mm	90
OB0700.1208L	12V 700W / chain 8mm	100
OB1000.1208D	12V 1000W / chain 8mm with drum	130
OB1000.1210D	12V 1000W / chain 10mm with drum	130
OB1000.1210D7	12V 1000W / chain 10mm DIN766 with drum	130
OB1500.1208D	12V 1500W / chain 8mm with drum	150
OB1500.1210D7	12V 1500W / chain 10mm DIN766 with drum	150





## Anchor winch NV16 3000W

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>230 400</b>
<b>Power in watts</b>	<b>3000</b>

Item no.	Description	Working load (kg)
NV16-30AC-12D-SX	230-400V 3000W/chain 12mm ISO/chain 13mm DIN766 with	1250
NV16-30AC-13D-SX	230-400V 3000W / chain 13mm DIN764 with drum	1250
NV16-30AC-14D-SX	230-400V 3000W / chain 14mm ISO with drum	1250
NV16-30AC-14DT-S	230-400V 3000W / chain 14mm stud link	1250
NV16-30AC-16DD-S	230-400V 3000W / chain 16mm DIN766 with drum	1250
NV16-30AC-16D-SX	230-400V 3000W / chain 16mm ISO with drum	1250



## Anchor winch Moon Hydraulic

MOON is a stainless steel AISI 316 vertical windlass. Available in high or low profile, with different drives and recommended for boats up to 30m. MOON can use chains from 10 mm to 14 mm. Possibility of 24V, 230V, 400V or hydraulic drive.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Chrome-Plated Brass Stainless steel (AISI)</b>
<b>Chaincounter</b>	<b>On request</b>
<b>Type Version</b>	<b>Hydraulic</b>
<b>Suitable for</b>	<b>Yachts up to 30m</b>

Item no.	Description	Working load (kg)
MO11HY.12D	Hydraulic / 13mm DIN766 with drum	1250
MO11HY14D	Hydraulic / 14mm ISO with drum	1900



## Anchor winch Moon 24V

MOON is a stainless steel AISI 316 vertical windlass. Available in high or low profile, with different drives and recommended for boats up to 30m. MOON can use chains from 10 mm to 14 mm. Possibility of 24V, 230V, 400V or hydraulic drive.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Chrome-Plated Brass Stainless steel (AISI)</b>
<b>Chaincounter</b>	<b>On request</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Suitable for</b>	<b>Yachts up to 30m</b>

Item no.	Description	Working load (kg)
MO3500.2412D	24V 3500W / 13mm DIN766 with drum	1000
MO3500.2414D	24V 3500W / 14mm ISO with drum	1000

## Anchor winch Fyn 24V

aluminum anodised windlass with white painted finish. Gipsy of chrome plated bronze. Takes anchor chains 8-10mm DIN766L and ISO 4565. On request available for DIN766 chain and ISO 4565. Suitable for boats with a length of 13-18 meters.



<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Anodized aluminum</b>
<b>Chaincounter sensor</b>	<b>No</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Power in watts</b>	<b>1700</b>
<b>Suitable for</b>	<b>Yachts up to 18m</b>

Item no.	Description	Working load (kg)
FY1700.2408D	24V 1700W / chain 8mm with drum	270
FY1700.2410D	24V 1700W / chain 10mm ISO with drum	450
FY1700.2412D	24V 1700W / chain 12mm ISO with drum	270
FY-1724-10D7	24V 1700W / chain 10mm DIN766 with drum	270

## Anchor winch Iki Pro 800W

<b>Type Model</b>	<b>Horizontal</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>



Item no.	Description	Working load (kg)
IK-0812-06D	12V 800W / chain 6mm with drum	100
IK-0812-06L	12V 800W / chain 6mm	100
IK-0812-08D	12V 800W / chain 8mm with drum	100
IK-0812-08L	12V 800W / chain 8mm	100
IK-0824-06D	24V 800W / chain 6mm with drum	100
IK-0824-06L	24V 800W / chain 6mm	100
IK-0824-08D	24V 800W / chain 8mm with drum	100
IK-0824-08L	24V 800W / chain 8mm	100



## Anchor winch Raja 24V 2300W

<b>Type Model</b>	<b>Horizontal</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Power in watts</b>	<b>2300</b>

Item no.	Description	Working load (kg)
RA-2324-10D-A	24V 2300W / chain 10mm DIN766	520
RA-2324-10S-A	24V 2300W / chain 10mm ISO	520
RA-2324-12D-A	24V 2300W / chain 12mm ISO / 13mm DIN766	520
RA-2324-12H-A	24V 2300W / chain 1 / 2" HT	520
RA-2324-12T-A	24V 2300W / chain 12.5mm TR	520
RA-2324-14S-A	24V 2300W / chain 14mm ISO	520
RA-2324-14T-A	24V 2300W / chain 14mm with stud link	520



## Anchor winch Star Plus 2300W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Chromed bronze</b>
<b>Chaincounter sensor</b>	<b>On request</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Power in watts</b>	<b>2300</b>
<b>Suitable for</b>	<b>Yachts up to 26m</b>

Item no.	Description	Working load (kg)
SP2300.2410D7	24V 2300W / chain 10mm DIN766 with drum	500
SP2300.2410L7	24V 2300W / chain 10mm DIN766	500
SP2300.2410SD	24V 2300W / chain 10mm ISO with drum	500
SP2300.2410SL	24V 2300W / chain 10mm ISO	500
SP2300.2412D	24V 2300W / chain 13mm DIN766 with drum	500
SP2300.2412L	24V 2300W / chain 13mm DIN766	500
SP2300.2413D7	24V 2300W / chain 13mm DIN766 with drum	500
SP2300.2414D	24V 2300W / chain 14mm with drum	500
SP2300.2414L	24V 2300W / chain 14mm ISO	500

## Anchor winch Star 2000W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.

<b>Type Model</b>	<b>Vertical</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 19m</b>

Item no.	Description	Working load (kg)
ST2000.2410D	24V 2000W / chain 10mm ISO with drum	270
ST2000.2410D7	24V 2000W / chain 10mm DIN766 with drum	270
ST2000.2410L	24V 2000W / chain 10mm ISO	270
ST2000.2410L7	24V 2000W / chain 10mm DIN766	270
ST2000.2412D	24V 2000W / chain 12mm with drum	270
ST2000.2412L	24V 2000W / chain 12mm	270



## Anchor winch Smart R3 1500W

Vertical anchor winch made of aluminum and stainless steel with a round base. Available in high or low profile, with various drives, and recommended for boats up to 16 meters. SMART-R3 is suitable for DIN766 chains of 6 mm, 8 mm, or 10 mm. Comes with a built-in chain sensor.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316) Aluminum</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 16m</b>

Item no.	Description	Working load (kg)
R31500.1208D	12V 1500W / chain 8mm with drum	150
R31500.1208L	12V 1500W / chain 8mm	150
R31500.1210D7	12V 1500W / chain 10mm DIN766 with drum	150
R31500.1210L7	12V 1500W / chain 10mm DIN766 with drum	150
R31500.2408D	24V 1500W / chain 8mm with drum	160
R31500.2408L	24V 1500W / chain 8mm	160
R31500.2410D7	24V 1500W / chain 10mm with drum	160
R31500.2410L7	24V 1500W / chain 10mm DIN766	160





## Anchor winch Smart R1 1100W

Vertical anchor winch made of aluminum and stainless steel with a round base. Available in high or low profile, with various drives, and recommended for boats up to 13 meters. SMART-R1 is suitable for chains of 6 mm, 7 mm, or 8 mm. Comes with a built-in chain sensor.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316) Aluminum</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 13m</b>

Item no.	Description	Working load (kg)
R11000.1208D	12V 1000W / chain 8mm with drum	130
R11000.1208L	12V 1000W / chain 8mm	130
R11000.2408D	24V 1000W / chain 8mm with drum	140
R11000.2408L	24V 1000W / chain 8mm	140



## Anchor winch Smart Plus 1700W

The anchor winch is made of RVS 316. The Smart Plus comes standard with an integrated chain counter sensor and has an IP67 motor cover. Winches with an 8mm chain gypsy are suitable for both anchor chain and anchor line. This allows for bringing in a combination of anchor chain with braided line. Article codes ending with a D include a capstan, while codes ending with an L do not include a capstan.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Electric</b>
<b>Suitable for</b>	<b>Yachts up to 16m</b>

Item no.	Description	Working load (kg)
SS1700.1208D	12V 1700W / chain 8mm with drum	220
SS1700.1208L	12V 1700W / chain 8mm	220
SS1700.1210D	12V 1700W / chain 10mm ISO drum	220
SS1700.1210D7	12V 1700W / chain 10mm DIN766 drum	220
SS1700.1210L	12V 1700W / chain 10mm ISO	220
SS1700.1210L7	12V 1700W / chain 10mm DIN766	220
SS1700.2408D	24V 1700W / chain 8mm with drum	240
SS1700.2408L	24V 1700W / chain 8mm	240
SS1700.2410D	24V 1700W / chain 10mm ISO drum	240
SS1700.2410D7	24V 1700W / chain 10mm DIN766 drum	240
SS1700.2410L	24V 1700W / chain 10mm ISO	240
SS1700.2410L7	24V 1700W / chain 10mm DIN766	240



## Anchor winch Orchid 1700W

Type Model	Vertical	
Item no.	Description	Working load (kg)
OR-1712-08D	12V 1700W / chain 8mm with drum	240
OR-1724-12L	24V 1700W / chain 12 mm ISO	250
OR-1724-12D	24V 1700W / chain 12 mm ISO with drum	250
OR-1724-10L7	24V 1700W / chain 10mm DIN766	250
OR-1724-10L	24V 1700W / chain 10mm ISO	250
OR-1724-10D7	24V 1700W / chain 10mm DIN766 with drum	250
OR-1724-10D	24V 1700W / chain 10mm ISO with drum	250
OR-1724-08L	24V 1700W / chain 8mm	250
OR-1724-08D	24V 1700W / chain 8mm with drum	250
OR-1712-13L	12V 1700W / chain 13 mm DIN766	240
OR-1712-13D	12V 1700W / chain 13 DIN766 with drum	240
OR-1712-12L	12V 1700W / chain 12	240
OR-1712-12D	12V 1700W / chain 12 with drum	240
OR-1712-10L7	12V 1700W / chain 10mm DIN766	240
OR-1712-10L	12V 1700W / chain 10mm ISO	240
OR-1712-10D7	12V 1700W / chain 10mm DIN766 with drum	240
OR-1712-10D	12V 1700W / chain 10mm ISO with drum	240
OR-1712-08L	12V 1700W / chain 8mm	240
OR-1724-13D	24V 1700W / chain 13 DIN766 with drum	250
OR-1724-13L	24V 1700W / chain 13 DIN766	250





## Anchor winch NV16 3500W

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Power in watts</b>	<b>3500</b>

Item no.	Description	Working load (kg)
NV16-3524-12D-SX	24V 3500W/chain 12mm ISO/chain 13mm DIN766 with drum	1100
NV16-3524-13D-SX	24V 3500W / chain 13mm DIN764 with drum	1100
NV16-3524-14D-SX	24V 3500W / chain 14mm ISO with drum	1100
NV16-3524-14DT-S	24V 3500W / chain 14mm stud link	1100
NV16-3524-16DD-S	24V 3500W / chain 16mm DIN766 with drum	1100
NV16-3524-16D-SX	24V 3500W / chain 16mm ISO with drum	1100
NV16-3524-16DT-S	24V 3500W / chain 16mm with drum and stud link	1100



## Anchor winch Moon 230V

MOON is a stainless steel AISI 316 vertical windlass. Available in high or low profile, with different drives and recommended for boats up to 30m. MOON can use chains from 10 mm to 14 mm. Possibility of 24V, 230V, 400V or hydraulic drive.

<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Chrome-Plated Brass Stainless steel (AISI)</b>
<b>Chaincounter</b>	<b>On request</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>230 400</b>
<b>Power in watts</b>	<b>4000</b>
<b>Suitable for</b>	<b>Yachts up to 30m</b>

Item no.	Description	Working load (kg)
MO4000.AC12D	230V 4000W / chain 13mm DIN766	1250
MO4000.AC14D	230V 4000W / chain 14mm ISO	1250

## Anchor winch Raja 24V 2700W

<b>Type Model</b>	<b>Horizontal</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Power in watts</b>	<b>2700</b>



Item no.	Description	Working load (kg)
RA-2724-10D-A	24V 2700W / chain 10mm DIN766	590
RA-2724-10S-A	24V 2700W / chain 10mm ISO	590
RA-2724-12D-A	24V 2700W/chain 12mm ISO/13mm DIN766	590
RA-2724-12H-A	24V 2700W / chain 1 / 2" HT	590
RA-2724-12T-A	24V 2700W / chain 12.5mm with stud link	590
RA-2724-14S-A	24V 2700W / chain 14mm ISO	590
RA-2724-14T-A	24V 2700W / chain 14mm with stud link	590

## Anchor winch Star Plus 2700W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.



<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Chromed bronze</b>
<b>Chaincounter sensor</b>	<b>On request</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>24</b>
<b>Power in watts</b>	<b>2700</b>
<b>Suitable for</b>	<b>Yachts up to 26m</b>

Item no.	Description	Working load (kg)
SP2700.2412D	24V 2700W / chain 13mm DIN766 with drum	600
SP2700.2412L	24V 2700W / chain 13mm DIN766	600
SP2700.2413D7	24V 2700W / chain 13mm DIN766 with drum	600
SP2700.2414D	24V 2700W / chain 14mm with drum	600
SP2700.2414L	24V 2700W / chain 14mm ISO	600



## Anchor winch Orchid 2000W

Type Model	Vertical	
Item no.	Description	Working load (kg)
OR-2024-10D	24V 2000W / chain 10mm ISO with drum	270
OR-2024-10D7	24V 2000W / chain 10mm DIN766 with drum	270
OR-2024-10L	24V 2000W / chain 10mm ISO	270
OR-2024-10L7	24V 2000W / chain 10mm DIN766	270
OR-2024-12D	24V 2000W / chain 12mm ISO with drum	270
OR-2024-12L	24V 2000W / chain 12mm ISO	270
OR-2024-13D	24V 2000W / chain 13mm DIN766 with drum	270
OR-2024-13L	24V 2000W / chain 13mm DIN766	270
OR-20AC-10D	230-400V 2000W / chain 10mm ISO with drum	300
OR-20AC-10D7	230-400V 2000W/chain 10mm DIN766 with drum	300
OR-20AC-10L	230-400V 2000W / chain 10mm ISO	300
OR-20AC-10L7	230-400V 2000W / chain 10mm DIN766	300
OR-20AC-12D	230-400V 2000W / chain 12mm ISO with drum	300
OR-20AC-12L	230-400V 2000W / chain 12mm ISO	300
OR-20AC-13D	230-400V 2000W/chain 13mm DIN766 with drum	300
OR-20AC-13L	230-400V 2000W / chain 13mm DIN766	300



## Anchor winch NV16 4000W

Type Model	Vertical	
Material	Stainless steel (AISI 316)	
Type Version	Electric	
Voltage (V)	230 400	
Power in watts	4000	
Item no.	Description	Working load (kg)
NV16-40AC-12D-SX	230-400V 4000W/chain 12mm ISO/chain 13mm DIN766 with drum	1700
NV16-40AC-13D-SX	230-400V 4000W / chain 13mm DIN764 with drum	1700
NV16-40AC-14D-SX	230-400V 4000W / chain 14mm ISO with drum	1700
NV16-40AC-14DT-S	230-400V 4000W / chain 14mm stud link	1700
NV16-40AC-16DD-S	230-400V 4000W / chain 16mm DIN766 with drum	1700
NV16-40AC-16D-SX	230-400V 4000W / chain 16mm ISO -MD	1700
NV16-40AC-16DT-S	230-400V 4000W/chain 16mm with drum and stud link	1700

## Anchor winch Raja 230-400V 3600W

<b>Type Model</b>	<b>Horizontal</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>230 400</b>
<b>Power in watts</b>	<b>3600</b>



Item no.	Description	Working load (kg)
RA-36AC-10D-A	230-400V 3600W/chain 10mm DIN766	700
RA-36AC-10S-A	230-400V 3600W / chain 10mm ISO	700
RA-36AC-12D-A	230-400V 3600W/chain 12mm ISO/13mm DIN766	700
RA-36AC-12H-A	230-400V 3600W / chain 1 / 2" HT	700
RA-36AC-12T-A	230-400V 3600W / chain 12.5mm with stud link	700
RA-36AC-14S-A	230-400V 3600W / chain 14mm ISO	700

## Anchor winch Star Plus 3600W

Chrome plated vertical windlass. Available in high or low profile, with different drives. Recommended for ships up to 26 metres long. The Star Plus can take chains from 10 to 14 mm and comes with built-in chain counter sensor. Possibility of 230V, 400V or hydraulic drive.



<b>Type Model</b>	<b>Vertical</b>
<b>Material</b>	<b>Chromed bronze</b>
<b>Chaincounter sensor</b>	<b>On request</b>
<b>Type Version</b>	<b>Electric</b>
<b>Voltage (V)</b>	<b>230 400</b>
<b>Power in watts</b>	<b>3600</b>
<b>Suitable for</b>	<b>Yachts up to 26m</b>

Item no.	Description	Working load (kg)
SP3600.AC12D	230V 3600W / chain 13mm DIN766 with drum	824
SP3600.AC12L	230V 3600W / chain 13mm DIN766	824
SP3600.AC13D7	230V 3600W / chain 13mm DIN766 with drum	625
SP3600.AC14D	230V 3600W / chain 14mm with drum	824
SP3600.AC14L	230V 3600W / chain chain 14mm ISO	824



## Anchor winch Orchid 2200W

Type Model	Vertical	
Item no.	Description	Working load (kg)
OR-22AC-10D	230-400V 2200W / chain 10mm ISO with drum	535
OR-22AC-10D7	230-400V 2200W/chain 10mm DIN766 with drum	535
OR-22AC-10L	230-400V 2200W / chain 10mm ISO	535
OR-22AC-10L7	230-400V 2200W / chain 10mm DIN766	535
OR-22AC-12D	230-400V 2200W/chain 12mm DIN766 with drum	535
OR-22AC-12L	230-400V 2200W / chain 12mm ISO	535
OR-22AC-13D	230-400V 2200W/chain 13mm DIN766 with drum	535
OR-22AC-13L	230-400V 2200W / chain 13mm DIN766	535



## Anchor winch Orchid 2300W

Type Model	Vertical	
Item no.	Description	Working load (kg)
OR-2324-10D7	24V 2300W / chain 10mm DIN766 with drum	500
OR-2324-10L	24V 2300W / chain 10mm ISO	500
OR-2324-10L7	24V 2300W / chain 10mm DIN766	500
OR-2324-10SD	24V 2300W / chain 10mm ISO with drum	500
OR-2324-12D	24V 2300W / chain 12mm ISO with drum	500
OR-2324-12L	24V 2300W / chain 12mm ISO	500
OR-2324-13D	24V 2300W / chain 13mm DIN766 with drum	500
OR-2324-13L	24V 2300W / chain 13mm DIN766	500



## Anchor winch CLS

Type Model	Vertical	
Material	Stainless steel (AISI 316)	
Item no.	Description	Working load (kg)
CS-0512-06L	12V 500W / chain 6mm	90

## Relay for anchor winches

For electric anchor winches.

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Current ampere (A)</b>	<b>2.5</b>
<b>Protection class (IP)</b>	<b>IP56</b>



Item no.	Voltage (V)	Power in watts
127000	12	1300
127001	12	1500
127002	24	2000

## Capstan Aran

Chrome plated bronze capstan winch, available with different drives. Suitable for ships up to 28 meters.

Deck thickness (mm) : 60 to 110

<b>Material</b>	<b>Chromed bronze</b>
<b>Suitable for</b>	<b>Yachts up to 28m</b>



Item no.	Max. load (kg)	Working load (kg)	Ampere (A)	Voltage (V)	Power in watts
AR2200.ACD	2100	525		230 / 400	2200
AR2300.24D	2100	500	120	24	2300
AR2700.24D	2300	600	150	24	2700

## Capstan Heron

Stainless steel capstan winch, with different drives. Available for ships up to 23 meters.

Deck thickness (mm) : 30 to 70

<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Suitable for</b>	<b>Yachts up to 23m</b>



Item no.	Max. load (kg)	Working load (kg)	Ampere (A)	Voltage (V)	Power in watts
HE1500.12D	1250	150	130	12	1500
HE1500.24D	1290	160	70	24	1500
HE1700.12D	1650	220	185	12	1700
HE1700.24D	1700	240	90	24	1700
HE2000.230D	1700	250		230	2000
HE2000.24D	1750	270	100	24	2000



## Capstan Milos

MILOS - Stainless steel AISI 316 capstan winch, with different drives and recommended for boats up to 38 meters. Possibility of 24V, 230V, 400V or hydraulic drive.

**Material** Stainless steel (AISI 316)

**Suitable for** Yachts up to 38m

Item no.	Max. load (kg)	Working load (kg)	Ampere (A)	Voltage (V)	Power in watts
MI3000.ACD	4000	1100		230 / 400	3000
MI3500.24D	4000	1100	195	24	3500



## Capstan Paros Lux

Stainless steel AISI 316 capstan winch, with different drives and recommended for boats up to 13 meters.

**Material** Stainless steel (AISI 316)

**Suitable for** Yachts up to 13m

Item no.	Max. load (kg)	Working load (kg)	Ampere (A)	Voltage (V)	Power in watts
PX0500.12D	650	90	60	12	500
PX0500.24D	670	90	32	24	500
PX0700.12D	750	100	90	12	700
PX0700.24D	760	100	40	24	700



## Capstan Nestor

Stainless steel AISI 316 capstan winch, with different drives and recommended for boats up to 17 meters.

**Material** Stainless steel (AISI 316)

**Suitable for** Yachts up to 17m

Item no.	Max. load (kg)	Working load (kg)	Ampere (A)	Voltage (V)	Power in watts
NE1000.12D	1020	130	115	12	1000
NE1000.24D	1060	140	60	24	1000
NE1500.12D	1250	150	130	12	1500
NE1500.24D	1290	160	70	24	1500



## Capstan Nestor-VX

**Material** Stainless steel (AISI 316)

**Suitable for** Yachts up to 13m

Item no.	Max. load (kg)	Voltage (V)	Power in watts
NVX0800.12D	800	12	800
NVX0800.24D	810	24	800



## Chain counters

Item no.	Description	LxWxH
127017	EV030	100x100x18 mm
127018	Chaincounter	100x100x18 mm
127019	Chaincounter EV011	100x100x18 mm



## Remote control H-Series

Item no.	Description
HC020	MZ Electronic remote control with chain counter
HC200	MZ Electronic remote control 2-channels wired
HC300	MZ Electronic remote control 3-channels wired



## Remote control Kompass

Item no.	Description
127013	MZ Electronic remote control wireless type Kompass 2
127014	MZ Electronic signal amplifier for Kompass remote control
127023	MZ Electronic remote control wireless type Kompass 8
127024	MZ Electronic remote control wireless type Kompass 4



## Windlass Footswitch

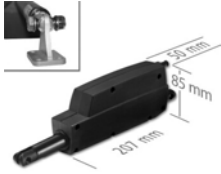
Perfect waterdichte voetschakelaars voor het aansturen van een relais, van bijvoorbeeld een ankerlier. Max. belasting: 4 A. RVS onderstel. Uitgerust met een scharnierende slagvaste afdekkap om toevallige werking te voorkomen. Bedieningsknop in zeewaterbestendig siliconenrubber. Verkrijgbaar in grijs, verchromd of volledig RVS.

Item no.	Description
127005	MZ Electronic foot switch waterproof UP
127006	MZ Electronic foot switch waterproof DOWN
127035	MZ Electronic foot switch AISI waterproof DOWN
127036	MZ Electronic foot switch AISI waterproof UP



# Actuators





## Actuator LA12

The actuators are maintenance-free, have a long lifespan, and are suitable for maritime applications due to their high degree of sealing. Examples of applications include: valves, folding small LCD screens, etc. The mounting bracket is available separately and can be applied on both sides.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Protection class (IP)</b>	<b>IP66</b>

Item no.	Description
036001	Linak actuator LA12 12V 4.6A-locked/not synchronized
036002	Linak actuator LA12 24V 2.2A-locked/not synchronized



## Actuator LA14 IC Advanced

The LA14 is a next-generation actuator, featuring a robust lacquered aluminum housing and metal mounting eyes, equipped with internal limit switches. In addition to the standard compact version, there's also a version available that can be used as a replacement for the LA12. For operation, we recommend using motor controller A (part no. 0362201). It is also available with a 130mm stroke in 24Vdc as IC advanced: the complete motor controller is programmable and integrated. The mounting bracket is available separately and can be applied on both sides, and is supplied with bolts and nuts.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Protection class (IP)</b>	<b>IP69K</b>

Item no.	Description
036128	Linak actuator LA14 24V 130mm 750N-IC advanced



## Actuator LA23

The actuators are maintenance-free, have a long lifespan, and are suitable for maritime applications due to their high degree of sealing. Examples of applications include: valves, folding small LCD screens, etc. The mounting bracket is available separately and can be applied on both sides.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
---------------------------------	------------

Item no.	Description
036616	Linak actuator LA25 12V 3,8A / ctc 380mm / stroke 250mm

## Actuator LA25 Advanced

The LA25 is a next-generation actuator, featuring a robust lacquered aluminum housing and metal mounting eyes, equipped with internal limit switches. In addition to the standard compact version, there's also a version available that can be used as a replacement for the LA28 (center distance 410 mm, stroke 250 mm). For operation, we recommend using motor controller A (part no. 036201).

The mounting bracket is available separately and can be applied on both sides, and is supplied with bolts and nuts.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

Voltage type (VAC / VDC)		VDC
Item no.	Description	
036611	Linak actuator LA25 12V 1,9A / ctc 410mm / stroke 250mm	
036610	Linak actuator LA25 12V 3,8A / ctc 410mm / stroke 250mm	



## Actuator LA25 IC Advanced

These new generation actuators feature a sturdy lacquered aluminum housing and are suitable for a wide range of applications. With these IC Advanced and IC Parallel versions, you no longer need a separate motor controller; it is already built-in. Simply connect power and a switch, and the actuator is ready for use.

The mounting bracket is available separately and can be applied on both sides, and is supplied with bolts and nuts.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

Voltage type (VAC / VDC)		VDC
Item no.	Description	
036612	Linak actuator LA25-1,5kN-250mm-12VDC-IC advanced	



## Actuator LA30 Advanced

Quiet and powerful motor, ideal for adjusting masts, etc. The mounting bracket is available separately and can be applied on both sides. The bracket is supplied with bolts and nuts.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

Voltage type (VAC / VDC)		VDC
Item no.	Description	
036113	Linak actuator LA30 12V 14A-locked/not synchronized	
036114	Linak actuator LA30 24V 6.4A-locked/not synchronized	
036119	Linak actuator LA30 24V synchronized	
036120	Linak actuator LA30 24V synchronized Twisted Eye	





## Actuator LA36 Advanced

These new generation actuators are equipped with a sturdy, lacquered aluminum housing and are suitable for a wide range of purposes. Example applications include: opening hatches, adjusting masts, folding down radar arches, etc. If the actuators are used in parallel, a signal cable is required. The mounting bracket is available separately and can be applied on both sides. The bracket is supplied with bolts and nuts.

Voltage type (VAC / VDC)		VDC
Item no.	Description	
036144	Linak actuator LA36 24V 10.3A-locked/synchronized	
036148	Linak actuator LA36 24V 10.3A-locked/synchronized	



## Actuator LA36 IC

These new generation actuators feature a robust, lacquered aluminum housing and are suitable for a wide range of applications. With these IC Advanced and IC Parallel versions, you no longer need a separate motor controller; it is already built-in. Simply connect power and a switch, and the actuator is ready for use. Example applications include: opening hatches, adjusting masts, folding down radar arches, etc. If the actuators are used in parallel, a signal cable is required. The mounting bracket is available separately and can be applied on both sides. The bracket is supplied with bolts and nuts.

We can also provide other models and custom-made actuators. Please contact our sales department for more information on the available options.

Voltage type (VAC / VDC)		VDC
Item no.	Description	
036149	Linak actuator LA36-6,8kN-250mm-12VDC-IC advanced	
036150	Linak actuator LA36-6,8kN-250mm-24VDC-IC advanced	
036151	Linak actuator LA36-6,8kN-500mm-12VDC-IC advanced	
036152	Linak actuator LA36-6,8kN-500mm-24VDC-IC advanced	
036153	Linak actuator LA36-6,8kN-250mm-12VDC-IC parallel	
036154	Linak actuator LA36-6,8kN-250mm-24VDC-IC parallel	
036155	Linak actuator LA36-6,8kN-500mm-12VDC-IC parallel	
036156	Linak actuator LA36-6,8kN-500mm-24VDC-IC parallel	



## Lifting column Motor control

This new motor controller is plug-and-play for multiple models of lifting columns; both 230Vac and 24Vdc can be connected as power sources. In the event of a power outage with 230Vac, the motor controller automatically switches to the 24Vdc connection. It has a very low standby power consumption of only 0.1W. It can be expanded with a remote control or Bluetooth module for control via your iPhone.

Item no.	Description
036205	Motorcontrol CBD6S for BL1H single
036206	Motorcontrol CBD6S for BL1H synchronized

## Motor control A

To extend the lifespan of your electric adjustment system, we recommend the use of a motor controller. Exalto motor controllers are equipped with features such as a reverse function and overcurrent protection (current limitation), which safeguard the motor against overload. If you intend to use spindle motors in parallel, we suggest opting for Motor Controller C, inclusive of an adjustment unit. This unit allows you to set the parameters of synchronization and can also be utilized for analytical purposes. Additionally, the motor controller enables you to adjust the stroke of the actuator manually. The optional Rocker Switch 036202 is a simple built-in switch that can be connected directly to the motor controller or, if used independently, can handle amperages up to 20 Amps.

Item no.	Description
036201	Linak motor control A incl. adjustable current discharge 12/24V
036517	Liank remote control set A for motor control A



## Accessories Drives

Linak also offers various mounting brackets for different actuators such as LA12, LA25, LA28, LA30, LA32, and LA36, for both fixed and spindle configurations. Additionally, there are also built-in switches available with a capacity of up to 20A for safe operation of electrical systems. Complete mounting brackets are available for the LA36 actuator, as well as a mounting clamp for the LA23 actuator. Mounting brackets and receivers are also included as accessories to meet various installation requirements.

Item no.	Description
036202	Linak recessed switch reversible for actuator
036502.F001	Linak bracket for actuator LA36 fixed
036502.S	# Linak bracket complete for actuator LA36 spindle
036502.S001	Linak bracket for actuator LA36 spindle
036504	# Linak bracket complete for actuator LA12/28/30/32
036504.001	Linak bracket for actuator LA12 / LA28 / LA30 / LA32



## Lifting column DL12

The DL12 is a compact lifting column used, for example, for adjusting flat screens. It's also suitable for parallel applications and is designed for indoor use.

Item no.	Description	Voltage (V)
036405	Linak lifting column DL12	12



## Lifting column BL1H

The BL1H is a lifting column that is for example applied for table and chair adjustments. Also suitable for parallel application (up to 2 parallel columns), but you will then need the extra cable. Suitable for use both indoors and outdoors.

Note: A motor control or C recommended.

Item no.	Description	Voltage (V)
036404.N	Linak lifting column BL1H 12V-350mm	12
036406.N	Linak lifting column BL1H 12V-324mm	12

## Cables for lifting columns

Item no.	Description
0367046-10000	Linak motor cable LA36-10000mm
0367049-10000	Linak signal cable LA36-10000mm
0367046-1500	Linak motor cable LA36-1500mm
0367049-1500-A	Linak signal cable LA36-1500mm
0367046-5000	Linak motor cable LA36-5000mm
0367049-5000	Linak signal cable LA36-5000mm
036623	Linak motor cable LA14/LA25-5040mm
0617200	Linak motor cable for DL Serie2000mm
036167	Linak 2 sensor cable for LA36 IC actuator sensor
0367999	Linak buslink cable IC LA36/LA37
0964764-A	Linak adapter cable BL1
USB2LIN-06	Linak programming cable for CBD6

## Lifting column Controlbox

The Linak control boxes offer various options for controlling and powering actuators in maritime applications. The CB8 230V > 24V BL1H makes it easy to convert 230V to 24V, suitable for BL1H actuators. Specially designed CBD6 control boxes are available for LA23 and DL12 actuators, providing precise control and reliable power. For BL1H actuators, there are various CBD6 options, for both parallel and single connections, all operating at 230V and equipped with the necessary functionality for reliable control.

Item no.	Description
036232	Linak control box CB8 230V > 24V BL1H
036532	Linak controlebox CBD6 for tbv LA23 CBD6-230V
CBD6SP00020A709	Linak control box CBD6 for DL12

## Lifting Column Accessories

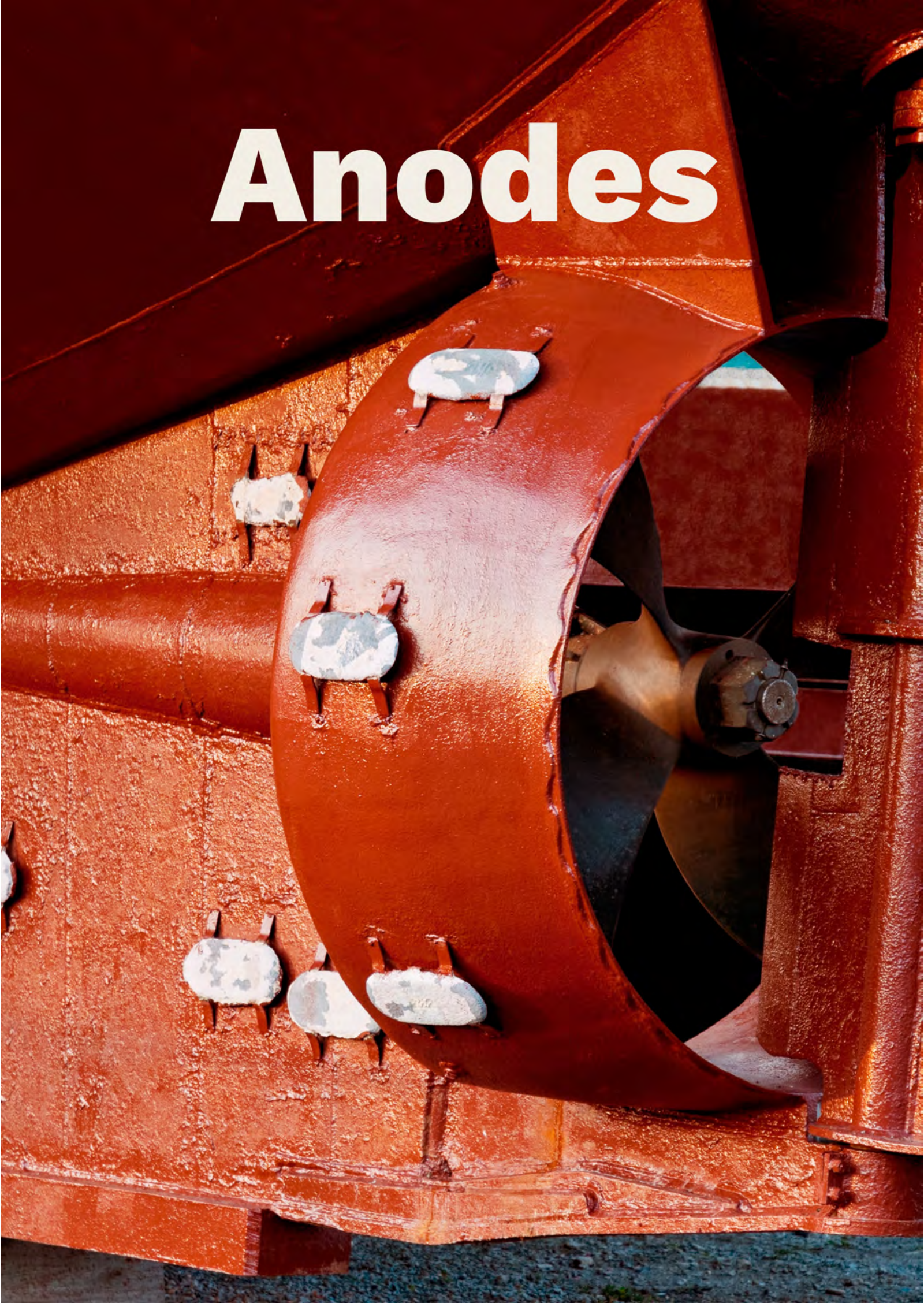
Linak offers a comprehensive range of accessories for lift column systems, including the Linak Bluetooth CBD6 module, which allows you to effortlessly control your lift column via your iPhone. For sturdy mounting, both round brushed RVS304 footplates and square polished RVS304 seat brackets are available, both with pre-drilled hole patterns for BL1 lift columns. For precise control and configuration of your lifting system, Linak provides control panels such as the DP1K for CBD6 control boxes, suitable for under-mount installations, and the DPH1K for built-in applications. For quick and efficient commissioning of your lift column, a complete control set is available, including a control box, two-button control, motor cable (2 meters), and power cord, with built-in overcurrent protection for safe indoor use. Linak also offers fastening bolts and clamps for smooth operation and optimal performance of your lifting system. With Linak, you can be assured of high-quality products that meet strict quality standards and elevate your maritime applications to new heights.



Item no.	Description
036499	Linak footplate ROUND bushed AISI for lifting column BL1H
036500	Seat/table support AISI304 for lift column BL1H
036505	Linak control DP1K for CBD6 control box
036516	# Linak operation kit commissioning lift column
036525	Linak control DPH1K for CBD6



# Anodes



# How do I pick the right anode?

An anode serves as your shield against the destructive force of corrosion on the metal of your boat, from the rudder blade to the propeller shaft.

Anodes ensure the protection of these metals by sacrificing themselves instead of the metal of your boat.

But which anodes do you need for your boat? The answer is simple:

Aluminum anode:

Very suitable for both fresh, brackish, and saltwater. In saltwater, an aluminum anode wears much faster.

Magnesium anode:

Suitable for freshwater, but not for salt and brackish water.

Zinc anode:

Most suitable for (salt) seawater. Lasts longer in saltwater than an aluminum anode.

It's crucial to know when to replace your anodes.

As a rule of thumb, an anode should be replaced when it's approximately 70% worn out.

Remember:

Do not grease or cover with antifouling. Allow your anodes to breathe and work freely so they can fulfill their protective function optimally.

## Hollex Weld Anode

**Brand** Hollex  
**Material** Aluminum  
**Shape** Rectangular

Item no.	Description	LxWxH	Strip L (mm)
5972	Anode FAL-06	110x60x28 mm	190
5969	Anode FAL-09	180x65x25 mm	300
5967	Anode FAL-1	200x70x25 mm	300
5975	Anode FAL-14	200x95x25 mm	300

## Hollex Weld Anode

**Brand** Hollex  
**Material** Magnesium  
**Shape** Rectangular

Item no.	Description	LxWxH	Strip L (mm)
5973	Anode MGF-1	110x60x28 mm	190
5970	Anode MGF-3	180x65x30 mm	300

## Hollex Weld Anode

**Brand** Hollex  
**Material** Zinc  
**Shape** Rectangular

Item no.	Description	LxWxH	Strip L (mm)
5971	Anode F1	110x60x28 mm	190
5976	Anode F1-3	150x90x25 mm	290
5968	Anode FR-2	180x65x30 mm	300
5966	Anode F1-2	200x70x25 mm	300
5974	Anode F-2.7	200x95x25 mm	300

## Hollex Hull/Rudder Anode

**Brand** Hollex

Item no.	Description	LxWxH
AX003	Anode ZD76	200x65x35 mm
ZX019	Anode ZD76	200x65x35 mm

### Hollex Hull/Rudder Anode

**Brand** Hollex  
**Material** Aluminum  
**Shape** Rectangular

Item no.	Description	LxWxH	Bolt distance (mm)
5953	Anode V 15C	150x60x25 mm	80
5955	Anode V 25C	250x65x28 mm	140
5957	Anode V 35C	350x70x38 mm	200



### Hollex Hull/Rudder Anode

**Brand** Hollex  
**Material** Zinc  
**Shape** Rectangular

Item no.	Description	LxWxH	Bolt distance (mm)
5952	Anode V 15C	150x60x25 mm	80
5954	Anode V 25C	250x65x38 mm	140
5956	Anode V 35C	250x70x38 mm	200



### Hollex shaft anode

This new generation of shaft anodes has a steel core, which makes sure the anode will not loosen. Suitable for use in fresh, brackish and salt water.

**Brand** Hollex  
**Shape** Bol  
**Material** Aluminum

Item no.	Description	Shaft Ø (mm)
5977	Hollex anode aluminium for shaft ø22mm	22
5978	Hollex anode aluminium for shaft ø25mm	25
5979	Hollex anode aluminium for shaft ø25,4mm(1")	25.4
5980	Hollex anode aluminium for shaft ø30mm	30
5981	Hollex anode aluminium for shaft ø35mm	35
5982	Hollex anode aluminium for shaft ø38mm	38
5983	Hollex anode aluminium for shaft ø40mm	40
5984	Hollex anode aluminium for shaft ø45mm	45
5985	Hollex anode aluminium for shaft ø50mm	50
5986	Hollex anode aluminium for shaft ø60mm	60





### Hollex Anode Hull/Rudder

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Aluminum</b>
<b>Shape</b>	<b>Round</b>

Item no.	Description	Ø (mm)
5951	Anode V 08C	80



### Hollex Anode Hull/Rudder

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Zinc</b>
<b>Shape</b>	<b>Round</b>

Item no.	Description	Ø (mm)
5950	Anode V 08C	80
5958	Anode V FBC1	86

## Hollex Ring Anode

Ring anodes are to be fitted on the shaft against the propeller hub.  
Suitable for use in salt water.



**Brand** Hollex  
**Shape** Ring  
**Material** Zinc

Item no.	Description	Ø (mm)	Shaft Ø (mm)
5930	Hollex anode zinc ring ø22mm	60	22
5931	Hollex anode zinc ring ø25mm	60	25
5932	Hollex anode zinc ring ø30mm	60	30
5933	Hollex anode zinc ring ø35mm	74	35
5934	Hollex anode zinc ring ø40mm	74	40
5935	Hollex anode zinc ring ø45mm	74	45
5936	Hollex anode zinc ring ø50mm	96	50
5937	Hollex anode zinc ring ø55mm	96	55
5938	Hollex anode zinc ring ø60mm	120	60
5939	Hollex anode zinc ring ø65mm	120	65
5940	Hollex anode zinc ring ø70mm	130	70
5941	Hollex anode zinc ring ø75mm	130	75
5942	Hollex anode zinc ring ø80mm	140	80
5943	Hollex anode zinc ring ø85mm	140	85
5944	Hollex anode zinc ring ø90mm	163	90
5945	Hollex anode zinc ring ø100mm	180	100
5946	Hollex anode zinc ring ø110mm	190	110
5947	Hollex anode zinc ring ø120mm	200	120
5948	Hollex anode zinc ring ø125mm	200	125
5949	Hollex anode zinc ring ø130mm	210	130

## MgDuff Weld Anode

These aluminum anodes have been used in the marine and offshore industry for many years now due to their superior material. The aluminum alloy guarantees a constant consumption, this influences the lifetime and reliability of the vessel in a positive way. Safe and universal to use!

Suitable for use in brackish and salt water.

<b>Brand</b>	<b>MgDuff</b>
<b>Material</b>	<b>Aluminum</b>
<b>Shape</b>	<b>Rectangular</b>

Item no.	Description	LxWxH	Strip L (mm)
593145	Anode AD60	320x125x25 mm	380
593144	Anode AD78	305x76x32 mm	385
593146	Anode AD73	356x152x32 mm	456

## MgDuff Weld Anode

The backside of the magnesium anodes can be painted. We advise to apply extra paint on the surroundings of the anodes. Anode MD78B (not shown in the picture) has two holes for the use of M10 studs, instead of a welding strip.

Suitable for use in fresh water.

<b>Brand</b>	<b>MgDuff</b>
<b>Material</b>	<b>Magnesium</b>
<b>Shape</b>	<b>Rectangular</b>

Item no.	Description	LxWxH	Strip L (mm)
1798	Anode MD79	171x83x41 mm	230
1797	Anode MD78	305x76x32 mm	385

## MgDuff Weld Anode

These aluminum anodes have been used in the marine and offshore industry for many years now due to their superior material. The aluminum alloy guarantees a constant consumption, this influences the lifetime and reliability of the vessel in a positive way. Safe and universal to use!

Suitable for use in brackish and salt water.

<b>Brand</b>	<b>MgDuff</b>
<b>Material</b>	<b>Aluminum</b>
<b>Shape</b>	<b>Drop</b>

Item no.	Description	LxWxH	Strip L (mm)
593141	Anode AD76	114x76x32 mm	165
593142	Anode AD77	157x83x41 mm	230
593143	Anode AD79	171x83x41 mm	230

### MGDuff Weld Anode

The backside of the magnesium anodes can be painted. We advise to apply extra paint on the surroundings of the anodes. Anode MD78B (not shown in the picture) has two holes for the use of M10 studs, instead of a welding strip. Suitable for use in fresh water.

**Brand** MgDuff  
**Material** Magnesium  
**Shape** Drop

Item no.	Description	LxWxH	Strip L (mm)
1795	Anode MD76	114x76x32 mm	160
1796	Anode MD77	157x83x41 mm	230



### MGDuff Anode Hull/Rudder

These aluminum anodes have been used in the marine and offshore industry for many years now due to their superior material. The aluminum alloy guarantees a constant consumption, this influences the lifetime and reliability of the vessel in a positive way. Safe and universal to use! Suitable for use in brackish and salt water.

**Brand** MgDuff  
**Material** Aluminum  
**Shape** Rectangular

Item no.	Description	LxWxH	Bolt distance (mm)
AD72B	Anode AD72B	457x102x64 mm	229
AD77EURO	Anode MD77EURO	318x65x32 mm	110-210
AD78B	Anode AD78B	305x76x32 mm	200



### MGDuff Anode Hull/Rudder

**Brand** MgDuff  
**Material** Magnesium  
**Shape** Rectangular

Item no.	Description	LxWxH	Bolt distance (mm)
MD72B	Anode MD72B	457x102x64 mm	229
MD77EURO	Anode MD77EURO	318x65x32 mm	110-210
MD78B	Anode MD78B	305x76x32 mm	200





## MgDuff Anode Hull/Rudder

**Brand** MgDuff  
**Material** Zinc  
**Shape** Rectangular

Item no.	Description	LxWxH	Bolt distance (mm)
593070	Anode ZD76ME	200x65x32 mm	110
593077	Anode ZD77E	318x65x32 mm	100-210
ZD72B	Anode ZD72B	457x102x64 mm	225
ZD72BM	Anode ZD72BM	457x102x38 mm	200-229
ZD72BMLP	Anode ZD72BMLP	450x95x25 mm	200-229
ZD78B	Anode ZD78B	305x76x32 mm	200

## MgDuff Shaft Anode

This new generation of shaft anodes has a steel core, which makes sure the anode will not loosen.

Suitable for use in fresh, brackish and salt water.

**Brand** MgDuff  
**Shape** Ring  
**Material** Aluminum

Item no.	Description	Ø (mm)	Shaft Ø (mm)
592025	MgDuff shaft anode aluminium MGDA ø25mm	56	25
592030	MgDuff shaft anode aluminium MGDA ø30mm	56	30
592035	MgDuff shaft anode aluminium MGDA ø35mm	69	35
592040	MgDuff shaft anode aluminium MGDA ø40mm	69	40
592045	MgDuff shaft anode aluminium MGDA ø45mm	85	45
592050	MgDuff shaft anode aluminium MGDA ø50mm	85	50

### MGDuff Shaft Anode (Inch)

This robust shaft anode has a steel core, which makes sure the anode will not loosen. Suitable for use in salt water.



**Brand** MgDuff  
**Shape** Ring  
**Material** Zinc

Item no.	Description	Ø (mm)	Shaft Ø (mm)
591019	MgDuff shaft anode znc MGD ø3/4"	56	19
591022	MgDuff shaft anode znc MGD ø7/8"	56	22
591026	MgDuff shaft anode znc MGD ø1"	56	25.4
591028	MgDuff shaft anode znc MGD ø1 1/8"	56	29
591032	MgDuff shaft anode znc MGD ø1 1/4"	70	32
591035	MgDuff shaft anode znc MGD ø1 3/8"	70	34.8
591038	MgDuff shaft anode znc MGD ø1 1/2"	70	38
591039	MgDuff shaft anode znc MGD ø1 3/4"	85	44.4

### MGDuff Shaft Anode (mm)

This robust shaft anode has a steel core, which makes sure the anode will not loosen. Suitable for use in salt water.



**Brand** MgDuff  
**Shape** Ring  
**Material** Zinc

Item no.	Description	Ø (mm)	Shaft Ø (mm)
591025	MgDuff shaft anode znc MGD ø25mm	56	25
ZSC25	MgDuff shaft anode zinc ø25mm	63	25
591030	MgDuff shaft anode znc MGD ø30mm	56	30
591040	MgDuff shaft anode znc MGD ø40mm	69	40
591045	MgDuff shaft anode znc MGD ø45mm	85	45
591046	MgDuff shaft anode znc MGD ø2"	85	51
591050	MgDuff shaft anode znc MGD ø50mm	85	50
591060	MgDuff shaft anode znc MGD ø60mm	85	60
591070	MgDuff shaft anode znc MGD ø70mm	113	70

## MGDuff Anode Hull/Rudder

Skin or rudder blade anode, which, due to its disc-shaped design, ensures that resistance is minimized. Bolt holes for M10. Please note: the shape of the anodes may vary from the image; however, this does not affect the specifications or the functioning of the product. Suitable for saltwater.

Brand	MgDuff	
Material	Zinc	
Shape	Round	
Item no.	Description	Ø (mm)
593056	Anode ZD56	100
593058	Anode ZD58	150
593035	Anode ZD35	160
593055	Anode ZD55	225

## MGDuff Anode Hull/Rudder

Skin or rudder blade anode that, due to its disc-shaped design, minimizes resistance. Suitable for freshwater.

Brand	MgDuff	
Material	Aluminum	
Shape	Round	
Item no.	Description	Ø (mm)
593156	Anode AD56	100
593158	Anode AD58	150
593135	Anode AD35	160
593155	Anode AD55	225

## MGDuff Ring Anode

Ring anodes are to be fitted on the shaft against the propeller hub. Suitable for use in brackish and salt water.

Brand	MgDuff		
Shape	Ring		
Material	Aluminum		
Item no.	Description	Ø (mm)	Shaft Ø (mm)
ASC22T	MgDuff ring anode aluminium ASC22T ø22mm	60	22
ASC25T	MgDuff ring anode aluminium ASC25T ø25mm	60	25
ASC30T	MgDuff ring anode aluminium ASC30T ø30mm	60	30
ASC35T	MgDuff ring anode aluminium ASC35T ø35mm	73	35
ASC40T	MgDuff ring anode aluminium ASC40T ø40mm	74	40
ASC45T	MgDuff ring anode aluminium ASC45T ø45mm	81	45
ASC50T	MgDuff ring anode aluminium ASC50T ø50mm	81	50

### MGDuff Anode Hull/Rudder

Skin or rudder blade anode that, due to its disc-shaped design, minimizes resistance. Suitable for freshwater.



<b>Brand</b>	<b>MgDuff</b>
<b>Material</b>	<b>Magnesium</b>
<b>Shape</b>	<b>Round</b>

Item no.	Description	Ø (mm)
1786	Anode MD56	100
1787	Anode MD58	150

### MGDuff Shoe Shaft Anode

The MGDUFF CMAN propeller nut range offers a tapered section with integral keyway to suit the OEM boss supplied with the Beneteau / Jeanneau propeller assembly.



<b>Material</b>	<b>Zinc</b>
-----------------	-------------

Item no.	Description	Hole size Ø (mm)
CMAN225	Propeller Shaft Anode	25
CMAN230	Propeller Shaft Anode	30
CMAN235	Propeller Shaft Anode	35
CMAN240	Propeller Shaft Anode	40
CMAN245	Propeller Shaft Anode	45

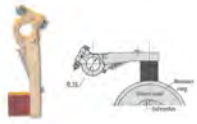
### MGDuff Anode Backplate

A neoprene backing plate for anodes is designed to prevent the back of the anodes from wearing. This serves as a preventive measure to prevent the anode from detaching.



Item no.	Shape	Suitable for
B56	Round	AD56 / ZD56
B58	Round	AD58 / ZD58
B72B	Rectangular	AD72B / ZD72B
B76EURO	Rectangular	AD76 / ZD76
B77	Drop	AD76 / ZD77
B77EURO	Rectangular	AD77 Euro / ZD77 Euro
B78B	Rectangular	AD78B / ZD78B

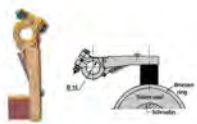




## Hollex Electrical Brushes

In water-lubricated propeller shaft installations with rubber bearings, electric stray currents can occur, which are not short-circuited. As a result, corrosion problems can arise. To prevent corrosion problems, you can install a current collector per propeller shaft. The current collectors come with a brush made of carbon or copper graphite. Carbon brushes should only run on a bronze ring. Custom-made bronze rings can be supplied upon request. The brushes must be ordered separately.

Item no.	Max. peripheral speed (m/sec.)	Max. current draw (A/cm <sup>2</sup> )	Material
95011	50	8	Carbon
95012	20	20 - 30	Copper graphite



## Hollex Electrical Brush holder

In water-lubricated propeller shaft installations with rubber bearings, electric stray currents can occur, which are not short-circuited. As a result, corrosion problems can arise. To prevent corrosion problems, you can install a current collector per propeller shaft. The current collectors come with a brush made of carbon or copper graphite. Carbon brushes should only run on a bronze ring. Custom-made bronze rings can be supplied upon request. The brushes must be ordered separately.

Item no.	Description
95001	Single holder for pantograph
95002	Double holder for pantograph



# Bow Thrusters





Born from over 25 years' experience in the pleasure boating industry, the QS Seamaster bow and stern thrusters represent the most advanced range of products available on the market. A complete line of DC, AC, brushless DC-AC, retractable and hydraulic thrusters from 30 to 1400 Kgf thrust, available both with analogic or digital connection systems, on/off or proportional commands.

Developed and entirely manufactured in Italy, QS Seamaster thrusters are reliable and solid partners for any kind of maneuvering.

### Technical Features:

- High efficiency and powerful motors
  - Ignition protected version available (up to 80 kgf)
  - Elastic joint with an exclusive design
  - Bronze gear leg with a special hydrodynamic profile
  - Low maintenance: gear leg guaranteed against oil leaking
  - Easily replaceable aluminum anodic protection
  - 4 And 5 blade propellers designed specifically to ensure maximum performance and efficiency from each motor
  - Propellers made of special composite or in nibral.
- All double propellers are counterrotating





Born from over 25 years' experience in the pleasure boating industry, the QS Seamaster bow and stern thrusters represent the most advanced range of products available on the market. A complete line of DC, AC, brushless DC-AC, retractable and hydraulic thrusters from 30 to 1400 Kgf thrust, available both with analogic or digital connection systems, on/off or proportional commands.

Developed and entirely manufactured in Italy, QS Seamaster thrusters are reliable and solid partners for any kind of maneuvering.

**Technical Features:**

- High efficiency and powerful motors
- Ignition protected version available (up to 80kgf)
- Elastic joint with an exclusive design
- Bronze gear leg with a special hydrodynamic profile
- Low maintenance: gear leg guaranteed against oil leaking
- Easily replaceable aluminum anodic protection
- 4 And 5 blade propellers designed specifically to ensure maximum performance and efficiency from each motor
- Propellers made of special composite or in nibral. All double propellers are counterrotating



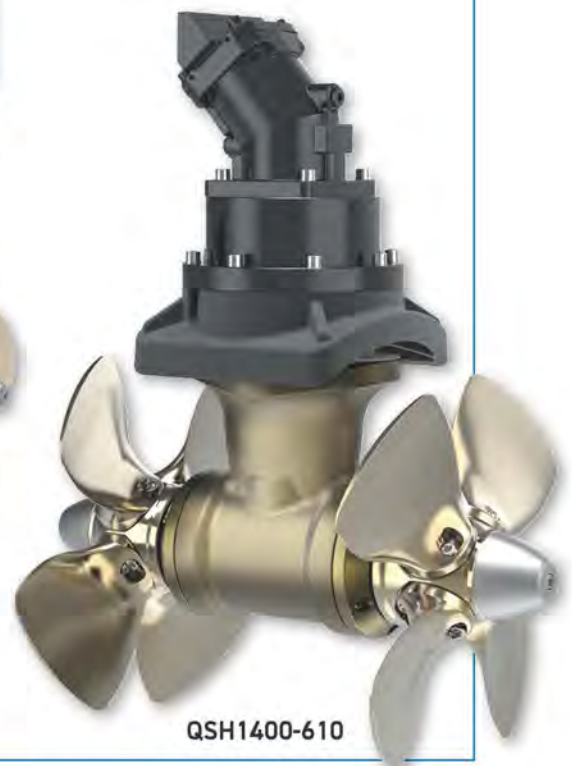
QS80-185



QSB160-250



QSA1400-610



QSH1400-610





## Cupa Bow thruster CP 12V

The set consists of a bow thruster motor, a bronze Kaplan propeller, and an electric steering current installation. Of course, you will receive a clear manual with it. The motor is thermally protected. The Kaplan propeller has a diameter of 10". Please note: Don't forget to order a panel and an extension cable separately. See Cupa Panels and extension cables.

Type Version	Electric	
Item no.	Thrust (kgf)	Voltage (V)
1050.12V	50	12



## Cupa Bow thruster engine

Cupa motor CP40 separate thruster motor

Item no.	Description
172440	Cupa bowthruster motor CP40
172450	Cupa bowthruster motor CP50
172490	Cupa bowthruster motor CP90



## Cupa Relay

Cupa relay 12V for use with the CP40 and only for the CP50 in combination with a series-parallel relay. Cupa relay 24V for use with the CP50. Cupa relay 24V for use with the CP90.

Item no.	Description
121821	Cupa relay 12V CP40 (CP50 comb.s-p)
121823	Cupa relay 24V CP50
121824	Cupa relay 12V CP90-SW202N119
121825	Cupa relay 24V CP90

## Cupa Kaplan propeller

Item no.	Description
140106	Cupa Kaplan propeller 10-CP40/50
141006	Cupa Kaplan propeller 12"x7" CP90



## Cupa Welding plate

Item no.	Description
11420	Cupa welding plate bowthruster CP40/50
11920	Cupa welding plate bowthruster CP90



## Bow thruster cables

To control your Cupa bow thruster, we offer a range of joysticks. These panels are all prewired for quick and easy plug and play installation. To connect your bow thruster to the panel, you will need an extension cable. Extension cables are available in 8, 12 or 15 metres.



Item no.	Description	Cable L (m)
121807	# Cupa extension cable 7mtr for Cupa bow thruster	7
121810	# Cupa extension cable 10mtr for Cupa bow thruster	10
121815	# Cupa extension cable 15mtr for Cupa bow thruster	15
121820	# Cupa extension cable 20mtr for Cupa bow thruster	20

## QS Seamaster Tunnel Bow Thruster 12V QS

**Brand** QS Seamaster  
**Type Version** Electric

Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QS4012512	40	125	12	2.2
QS5014012	50	140	12	2.2
QS6018512	60	185	12	3
QS8018512	80	185	12	4.3
QS10018512	105	185	12	6.3
QS13025012	130	250	12	6.5





## QS Seamaster Tunnel Bow Thruster 24V QS

Brand **QS Seamaster**

Type Version **Electric**

Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QS6018524	60	185	24	3
QS8018524	80	185	24	4.3
QS10018524	105	185	24	6.3
QS13025024	130	250	24	8
QS16025024	160	250	24	8
QS22025024	220	250	24	10
QS25030024	250	300	24	12
QS30030048	300	300	48	15



## QS Seamaster Tunnel Bow Thruster 12V QSP

Brand **QS Seamaster**

Type Version **Electric**

Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QSP4012512	40	125	12	2.2
QSP5014012	50	140	12	2.2
QSP6018512	60	185	12	3
QSP8018512	80	185	12	4.3
QSP10018512	105	185	12	6.3
QSP13025012	130	250	12	6.5



## QS Seamaster Tunnel Bow Thruster 24V QSP

Brand **QS Seamaster**

Type Version **Electric**

Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QSP6018524	60	185	24	3
QSP8018524	80	185	24	4.3
QSP10018524	105	250	24	6.3
QSP13025024	130	250	24	8
QSP16025024	160	250	24	8
QSP22025024	220	250	24	10
QSP25025024	250	250	24	12

### QS Seamaster Tunnel Bow Thruster 12V Retractable

Brand		QS Seamaster		
Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QSR8018512	85	185	12	4.3
QSR10018512	105	185	12	6.3



### QS Seamaster Tunnel Bow Thruster 24V Retractable

Brand		QS Seamaster		
Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QSR8018524	85	185	24	4.5
QSR10018524	105	185	24	6.3
QSR16025024	160	250	24	8
QSR23025024	240	250	24	10



### QS Seamaster Retractable Bow Thruster QSRH Hydraulic

Type Version		Hydraulic	
Item no.	Description	Thrust (kgf)	
QSRH80185HYD	QS Seamaster retractable bowthruster QSRH 80KGF H	80	
QSRH100185HYD	QS Seamaster retractable bowthruster QSRH 100KGF H	100	
QSRH160250HYD	QS Seamaster retractable bowthruster QSRH 160KGF H	160	
QSRH230250HYD	QS Seamaster retractable bowthruster QSRH 230KGF H	230	





## QS Seamaster Tunnel Bow Thruster QSA

Brand **QS Seamaster**  
Type Version **Electric**

Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QSA240250AC	240	250	230 / 400	15
QSA300300AC	300	300	230 / 400	15
QSA320300AC	320	300	230 / 400	15
QSA360300AC	360	300	230 / 400	22
QSA400300AC	400	300	230 / 400	30
QSA450386AC	450	386	230 / 400	30
QSA520386AC	520	386	230 / 400	37
QSA750513AC	750	513	230 / 400	45
QSA900513AC	900	513	230 / 400	55
QSA1100513AC	1100	513	230 / 400	75



## QS Seamaster Tunnel Bow Thruster QSB

Brand **QS Seamaster**  
Type Version **Electric**

Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
QSB10018524	105	185	24	6.3
QSB16025024	160	250	24	8
QSB30030048	300	300	48	15



## QS Seamaster APMS

Item no.	Description
APMS1TMC	QS Seamaster APMS1T MC joystick panel single

## QS Seamaster Retractable Bow Thruster QSH Hydraulic

Type Version	Hydraulic			
Item no.	Thrust (kgf)	Tunnel diameter	Power (kW)	Flow (l/min.)
QSH100185HYD	100	185	8.9	28
QSH220250HYD	220	250	12.5	41,5
QSH300300HYD	300	300	22.5	60
QSH400300HYD	400	300	24	100
QSH420386HYD	420	386	32	90
QSH450386HYD	450	386	34	90
QSH550386HYD	550	386	39	130
QSH580386HYD	580	386	49	130
QSH1000513HYD	1000	513	75	140



## QS Seamaster Bow Thruster Anode

Material	Zinc	
Item no.	Description	Hole size Ø (mm)
QS125ZINC	Bow thruster anode QS ø125mm propeller	125
QS140ZINC	Bow thruster anode QS ø140mm propeller	140
QS185ZINC	Bow thruster anode QS ø185mm propeller	185
QS250ZINC	Bow thruster anode QS ø250mm propeller	250
QS300ZINC	Bow thruster anode QS ø300mm propeller	300



## QS Seamaster Control Panels

Item no.	Description
APMS1TAMC	QS Seamaster APMS1T AMC joystick panel single
APMS2TAMC	QS Seamaster APMS2T AMC joystick panel double
QAJ0T	QS Seamaster control panel push button
QAJ1T	QS Seamaster control panel joystick single
QAJ2T	QS Seamaster control panel joystick double



## QS Seamaster DPMS

Item no.	Description
DPMSSC400	QS Seamaster DPMS-SC400 controller 400A 12V QSP
DPMSSC800	QS Seamaster DPMS-SC800 controller 800A 12-24V QSP



## Mounting flange

Item no.	Description
QSSRF185	QS Seamaster mounting flange QSR/QSRH185 GRP
QSSRF250	QS Seamaster mounting flange QSR/QSRH250 GRP



## Bow thruster splitter Y-cable

Item no.	Description
121800	Cupa bowthruster cable splitter Y



## QS Seamaster Bow thruster tunnel GRP 140

Material	GRP	
Item no.	Length (mm)	Tunnel diameter
QSTNL140F100	1000	140
QSTNL140F150	1500	140

### QS Seamaster Bow thruster tunnel GRP 300

Material	GRP	
Item no.	Length (mm)	Tunnel diameter
QSTNL300F100	1000	300
QSTNL300F150	1500	300
QSTNL300F200	2000	300
QSTNL300F300	3000	300



### QS Seamaster Bow thruster tunnel GRP 386

Material	GRP	
Item no.	Length (mm)	Tunnel diameter
QSTNL386F100	1000	386
QSTNL386F150	1500	386
QSTNL386F200	2000	386
QSTNL386F300	3000	386



### QS Seamaster Bow thruster tunnel GRP 513

Material	GRP	
Item no.	Length (mm)	Tunnel diameter
QSTNL513F150	1500	513
QSTNL513F200	2000	513



### APMS Cables

Item no.	Description	Cable L (m)
APMSMCEX07	QS Seamaster APMS MC EX07 cable 7mtr	7
APMSMCEX10	QS Seamaster APMS MC EX10 cable 10mtr	10
APMSMCEX15	QS Seamaster APMS MC EX15 cable 15mtr	15
APMSMCEX20	QS Seamaster APMS MC EX20 cable 20mtr	20





### QS Seamaster Extension Cable

Item no.	Description	Cable L (m)
QAJEX01	QS Seamaster extension cable 1mtr	1
QAJEX03	QS Seamaster extension cable 3mtr	3
QAJEX012	QS Seamaster extension cable 12mtr	12
QAJEX018	QS Seamaster extension cable 18mtr	18
QAJEX024	QS Seamaster extension cable 24mtr	24



### QS Seamaster Splitter Cable QS

Item no.	Description
QAJSP	QS Seamaster splitter cable QS



### Max Power Composite Tunnel Bow Thruster CT12V

Max Power delivers a complete line of electric, composite tunnel thrusters. With a specially designed motor, a maintenance-free tailpiece (no anodes required), and a composite construction, you are assured of a thruster with excellent value for money. All models are equipped with a safety system where communication between the thruster and the control panel takes place. Ten seconds before the shutdown for overheating is activated, you will receive visual and auditory signals. The tailpiece is equipped with stainless steel covers that provide extra protection for the seals. These Max Power tunnel thrusters can also be installed as stern thrusters. For this, a special stern tunnel adapter is required.

Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
MPSPC424	63	185	24	4.4
MPSPC524	75	185	24	5.28
MPSPC824	117	185	24	8.56
MPSPC924	160	250	24	11.88
MPSPC1124	195	250	24	14.96
MPSP3024	255	315	24	19.69

## Max Power Composite Tunnel Bow Thruster CT 24V

Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
MPSPC112	26	110	12	1.8
MPSPC212	35	125	12	2.69
MPSPC312	39	125	12	3.23
MPSPC412	58	185	12	4.35
MPSPC512	69	185	12	4.79
MPSPC812	90	185	12	7.1



## Max Power Composite Tunnel Bow Thruster CT48V

Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
636660	122	185	48	8.58
636656	275	300	48	17.5
636657	300	315	48	17.5



## Max Power Bow thruster CT Hydraulic

Type Version		Hydraulic		
Item no.	Thrust (kgf)	Tunnel diameter	Flow (l/min.)	
MPHYC810	80 - 100	185	17/19	
MPHYC815	80 - 125	185	24/26	
MPHYC800	80 - 125	185	33/35	
MPHYC1100	140 - 225	250	33/35	
MPHY3150	180 - 250	315	35/38	
MPHY3155	220 - 325	315	38/45	





## Max Power Compact Retract

Max Power's Compact Retract system offers a reliable and retractable bow thruster system for fast, modern sailboats ranging from 11.5 to 15 meters. This system provides a solution for issues related to installation depth and tunnel length in vessels with very slim hull shapes. The compact system is available in 12 and 24 Volts. The Compact Retract is equipped with two propellers and features a maintenance-free tailpiece. To install the Compact Retract, you will need a mounting flange, available in polyester and aluminum. The Compact Retract comes with a control panel and intermediate cable. The mounting flange for the Compact Retract must be ordered separately. If your boat has a polyester hull, you can laminate the polyester mounting flange. For aluminum boats, an aluminum mounting flange is available.

Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
RTE085012	70	185	12	4.79
RTE085024	85	185	24	5.28



## Max Power Retractable Bow Thruster VIP S150

Brand		Max Power		
Type Version		Electric		
Item no.	Thrust (kgf)	Tunnel diameter	Voltage (V)	Power (kW)
VP081012	96	185	12	7.1
VP081024	115	185	24	8.56
636661	115	185	48	8.56



## Max Power Retractable bow thruster VIP 150 hydraulic

Type Version		Hydraulic
Item no.	Description	
VPHYD152	Max Power retractable bow thruster VIP 150 hydraulic 12V	
VPHYD154	Max Power retractable bow thruster VIP 150 hydraulic 24 V	



## Max Power Retractable bow thruster VIP 250 hydraulic

Type Version		Hydraulic
Item no.	Description	
VPHYD252	Max Power retractable bow thruster VIP 250 hydraulic 24 V	

## Max Power Bow thruster ECO-PRO

Type Version		Electric		
Item no.	Description	Thrust (kgf)	Voltage (V)	Power (kW)
636677	ECO 90 motorkit	90	24	5.3
636678	ECO 110 motorkit	110	24	6
636679	ECO 130 motorkit	130	48	8
636674	ECO-PRO 90 compleet	90	24	5.3
636675	ECO-PRO 110 compleet	110	24	6
636676	ECO-PRO 130 compleet	130	48	8



## Control panel cables

Item no.	Description
41701	Ripca cable 12x1 for proportional joystick per mtr
MPOP3184	Max Power multicore cable 7x0,75mm <sup>2</sup> black per mtr



## Max Power Bow thruster tunnel MP GRP 110

Manufactured from fully isophtalic resin and pre-gel coated, Max Power's high quality tunnels have the added advantage of a first coat of matt before being filament wound. Cutting and drilling can therefore be carried out without the risk of damaging the gel coat on the inside surface of the tunnel. With an adapter the composite tunnel can also be used for a sternthruster, in which case an adapter is needed.



Material		GRP	
Item no.	Length (mm)	Tunnel diameter	Suitable for
4931100750	750	110	CM35
4931101000	1000	110	CM35

## Max Power Bow thruster tunnel MP GRP 125

Manufactured from fully isophtalic resin and pre-gel coated, Max Power's high quality tunnels have the added advantage of a first coat of matt before being filament wound. Cutting and drilling can therefore be carried out without the risk of damaging the gel coat on the inside surface of the tunnel. With an adapter the composite tunnel can also be used for a sternthruster, in which case an adapter is needed.



Material		GRP	
Item no.	Length (mm)	Tunnel diameter	Suitable for
4931250500	500	125	CT35, CT45
4931250750	750	125	CT35, CT45
4931251000	1000	125	CT35, CT45
4931252500	2500	125	CT35, CT45



## Max Power Bow thruster tunnel MP GRP 185

Diameters and in various lengths. The GRP does not absorb water. The pipes are provided with a gel coating on the inside, eliminating the need for further finishing.

Material		GRP	
Item no.	Length (mm)	Tunnel diameter	Suitable for
4931850750	750	185	CT60, CT80, CT100, CT125
4931851000	1000	185	CT60, CT80, CT100, CT125
4931851500	1500	185	CT60, CT80, CT100, CT125
4931852500	2500	185	CT60, CT80, CT100, CT125



## Max Power Bow thruster tunnel MP GRP 250

Manufactured from fully isophthalic resin and pre-gel coated, Max Power's high quality tunnels have the added advantage of a first coat of matt before being filament wound. Cutting and drilling can therefore be carried out without the risk of damaging the gel coat on the inside surface of the tunnel. With an adapter the composite tunnel can also be used for a sternthruster, in which case an adapter is needed.

Material		GRP	
Item no.	Length (mm)	Tunnel diameter	Suitable for
4932501000	1000	250	CT165, CT225
4932501500	1000	250	CT165, CT225
4932502500	2500	250	CT165, CT225



## Max Power Bow thruster tunnel MP GRP 315

Manufactured from fully isophthalic resin and pre-gel coated, Max Power's high quality tunnels have the added advantage of a first coat of matt before being filament wound. Cutting and drilling can therefore be carried out without the risk of damaging the gel coat on the inside surface of the tunnel. With an adapter the composite tunnel can also be used for a sternthruster, in which case an adapter is needed.

Material		GRP	
Item no.	Length (mm)	Tunnel diameter	Suitable for
MP202000	1500	315	CT325
MP202010	2000	315	CT325



## Max Power Bow thruster tunnel Steel 110

The steel bowthruster tunnels are available in various sizes. The bowthruster tunnels come without mounting holes and have a protective coating.

Material		Steel	
Item no.	Length (mm)	Tunnel diameter	Suitable for
5231101000	1000	110	CM35

## Max Power Bow thruster tunnel Steel 125

The steel bowthruster tunnels are available in various sizes. The bowthruster tunnels come without mounting holes and have a protective coating.

Material		Steel	
Item no.	Length (mm)	Tunnel diameter	Suitable for
5031251000	1000	125	CT35, CT45
5031251500	1500	125	CT35, CT45



## Max Power Bow thruster tunnel Steel 185

The steel bowthruster tunnels are available in various sizes. The bowthruster tunnels come without mounting holes and have a protective coating.

Material		Steel	
Item no.	Length (mm)	Tunnel diameter	Suitable for
5031851000	1000	185	CT60, CT80, CT100, CT125
5031851500	1500	185	CT60, CT80, CT100, CT125
5031853000	3000	185	CT60, CT80, CT100, CT125



## Max Power Bow thruster tunnel Steel 250

The steel bowthruster tunnels are available in various sizes. The bowthruster tunnels come without mounting holes and have a protective coating.

Material		Steel	
Item no.	Length (mm)	Tunnel diameter	Suitable for
5232501000	1000	250	CT165, CT225
5232501500	1500	250	CT165, CT225
5232502000	2000	250	CT165, CT225
5232503000	3000	250	CT165, CT225



## Maxpower Control panel for bow and stern thruster

Max Power's thruster control systems are childproof and incorporate unique safety features.

The control system software monitors for incoherent signals, stray voltage, and abnormally long thrust signals in order to help protect against malfunctions caused by water ingress and short circuits. Visual and audio alarms provide a 10 second warning before the overheat shutdown function is activated. If left idle for thirty minutes, the system itself switches off automatically.

Designed with technical details such as independent control power supply (protects relays against damage due to low voltage), and standard remote electric battery isolator control, Max Power's system is clearly ahead of the competition. These effective mechanisms ensure that your Max Power thruster is both safe and reliable thus guaranteeing peace of mind onboard.



Item no.	Description
MPOP8069	Max Power control panel black for bow and stern thruster



## Maxpower Control Panel Push Button

Max Power's thruster control systems are childproof and incorporate unique safety features.

The control system software monitors for incoherent signals, stray voltage, and abnormally long thrust signals in order to help protect against malfunctions caused by water ingress and short circuits. Visual and audio alarms provide a 10 second warning before the overheat shutdown function is activated. If left idle for thirty minutes, the system itself switches off automatically.

Designed with technical details such as independent control power supply (protects relays against damage due to low voltage), and standard remote electric battery isolator control, Max Power's system is clearly ahead of the competition. These effective mechanisms ensure that your Max Power thruster is both safe and reliable thus guaranteeing peace of mind onboard.

Item no.	Description
MPOP8055	Max Power control panel push button black
MPOP8055/G	Max Power control panel push button grey



## Maxpower Control Panel Double Joystick

Max Power's thruster control systems are childproof and incorporate unique safety features.

The control system software monitors for incoherent signals, stray voltage, and abnormally long thrust signals in order to help protect against malfunctions caused by water ingress and short circuits. Visual and audio alarms provide a 10 second warning before the overheat shutdown function is activated. If left idle for thirty minutes, the system itself switches off automatically.

Designed with technical details such as independent control power supply (protects relays against damage due to low voltage), and standard remote electric battery isolator control, Max Power's system is clearly ahead of the competition. These effective mechanisms ensure that your Max Power thruster is both safe and reliable thus guaranteeing peace of mind onboard.

Item no.	Description
MPOP8068	Max Power dual joystick control panel black
MPOP8068/G	Max Power double joystick control panel grey



## Maxpower Control Panel Joystick for Compact Retract or VIP

Max Power's thruster control systems are childproof and incorporate unique safety features.

The control system software monitors for incoherent signals, stray voltage, and abnormally long thrust signals in order to help protect against malfunctions caused by water ingress and short circuits. Visual and audio alarms provide a 10 second warning before the overheat shutdown function is activated. If left idle for thirty minutes, the system itself switches off automatically.

Designed with technical details such as independent control power supply (protects relays against damage due to low voltage), and standard remote electric battery isolator control, Max Power's system is clearly ahead of the competition. These effective mechanisms ensure that your Max Power thruster is both safe and reliable thus guaranteeing peace of mind onboard.

Item no.	Description
VP088042	Max Power joystick extra for Compact Retract and VIP black
VP088042-G	Max Power joystick extra for Compact Retract and VIP grey

## Maxpower Control Panel Joystick

Max Power's thruster control systems are childproof and incorporate unique safety features.

The control system software monitors for incoherent signals, stray voltage, and abnormally long thrust signals in order to help protect against malfunctions caused by water ingress and short circuits. Visual and audio alarms provide a 10 second warning before the overheat shutdown function is activated. If left idle for thirty minutes, the system itself switches off automatically.

Designed with technical details such as independent control power supply (protects relays against damage due to low voltage), and standard remote electric battery isolator control, Max Power's system is clearly ahead of the competition. These effective mechanisms ensure that your Max Power thruster is both safe and reliable thus guaranteeing peace of mind onboard.



Item no.	Description
MPOP8105	Max Power joystick control panel black
MPOP8105/G	Max Power joystick control panel grey

## Maxpower Universal wireless remote control

Max Power's radio remote control is designed to work with our entire range of tunnel and retractable thrusters. The remote control can also be used to operate additional onboard equipment such as windlasses, passarelles, cranes, etc.

- Supports up to 8 independently controlled channels
- Each receiver can switch 4 channels (12/24 V - 5 A)
- Each transmitter can handle 2 receivers (8 channels)
- Digital recognition avoids accidental activation of other systems
- Available in 868 MHz (Europe/Australia) and 915 MHz (USA/Canada)
- Transmitter power supply: 12/24V dc
- Zero power consumption when in standby mode (transmitter)
- Easy to install and set up, simple to use



Item no.	Description
MPOP5720/EU	Max Power extra transmitter for wireless remote control
MPOP5721/EU	Max Power extra receiver for wireless remote control
MPOP5722/EU	Max Power wireless remote control universal

## Max Power Protection Plate

Item no.	Description
MPOP5801G-PUP	Max Power protection plate grey push button panel
MPOP5806-N-DJOY	Max Power black dual joystick panel







### Max Power Automatic Battery Main Switch

Item no.	Description
OPTI3160/3	Max Power automatic battery circuit breaker 12V
OPTI3170/3	Max Power automatic battery circuit breaker 24 V



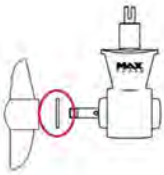
### Max Power Rubber Cover for Joystick

Item no.	Description
OPTI3464	Max Power rubber cover grey for joystick
OPTI3465	Max Power rubber cover black for joystick



### Max Power propeller pin

Item no.	Description
MP025070	Max Power screw pin CT35-CT45
MPOP5221	Max Power screw pin CT60-CT80-CT100-CT125
MPOP5530	Max Power screw pin CT165-CT225



### Max Power Propellers

Item no.	Description
35030	Max Power screw CT25 ø110mm
MP025000	Max Power screw CT35-CT45
MPOP5400	Max Power screw CT165-CT225
MPOP8080	Max Power screw CT60-CT80-CT100-CT125



## Max Power Composite Legs

Item no.	Description
MP028000	Max Power composite leg CT35
MP028002	Max Power composite leg CT45
MP058100	Max Power composite leg CT60
MP088100	Max Power composite leg CT80-CT100-CT125
MP118100	Max Power composite leg CT165-CT225



## Max Power Control relay

Item no.	Description
MP023011	Max Power control relay CT35-CT45 12V
MP053024	Max Power control relay CT60-CT80 12V
MP053026	Max Power control relay CT60-CT80 24V
MP083053	Max Power control relay CT100 12V
MP083054	Max Power control relay CT125 24V
MP118051	Max Power control relay CT165-CT225



## Max Power Fuses

Item no.	Description
OPTI3114	Max Power fuse 125A
OPTI3115	Max Power fuse 160A
OPTI3112	Max Power fuse 200A
OPTI3116	Max Power fuse 250A
OPTI3121	Max Power fuse 315A
OPTI3145	Max Power fuse 400A



## Max Power Fuse holders

Item no.	Description
OPTI3119	Max Power fuse holder T1
OPTI3091	Max Power fuse holder T2





## Max Power Mounting Flange

Item no.	Description
RT085020	Max Power mounting flange fibre Compact Retract 70 and 80
RT085019	Max Power mounting flange aluminium Compact Retract 70 and 80

# Fuel tanks and Accessories





### Tank with hand pump

**Color** Red

**Material** Synthetic

Item no.	LxWxH	Tank capacity (l)
SC-06792	290x400x840 mm	53

### Eastener Fuel tanks

**Color** Red

**Material** Synthetic

Item no.	LxWxH	Tank capacity (l)
EP-14541	464x225x251 mm	11.3
EP-145400	580x290x225 mm	22.7
EP-146460	650x375x350 mm	45

### Scepter Fuel tanks

The Scepter fuel tanks are an OEM tank. The Scepter fuel tanks have an ISO certificate and comply with European safety regulations.

**Color** Red

**Material** Synthetic

Item no.	LxWxH	Tank capacity (l)
SC-03780	464x225x251 mm	12
SC-10509	490x310x259 mm	20
SC-10504	490x310x173 mm	22.71
SC-04921	520x330x254 mm	24
SC-03781	546x349x254 mm	25

### Jerrycan's

The Scepter jerry cans with the self-venting tank system.

Item no.	Description	Color
SC-07081	Scepter jerry can AB5 1,25 gallon / 5ltr	Red
SC-07079	Scepter jerry can AB10 2,5 gallon / 10ltr	Red
SC-07622	Scepter jerry can AB20 20ltr	Red
SC-07539	Scepter jerry can AB25 25ltr	Red
SC-04933	Scepter jerry can 18,9ltr blue (5 gallon)	Blue
SC-03711	Scepter jerry can 20ltr for DIESEL	Yellow



## Jerrycan Replacement Set

Item no.	Description
SC-03647	Scepter jerry can replacement set



## Scepter Loose Squeeze ball

Loose squeeze ball for use in fuel lines of non-self-priming motors. Delivery includes 2 hose connections, excluding hoses and hose clamps. For motors up to 10hp.

Material		Rubber
Item no.	Description	
SC-05869	Scepter primer bulb 3/8" hose barbs	
SC-07494	Scepter primer bulb 5/16" hose barbs	
SC-07813	Scepter primer bulb 1/4" hose barbs	



## Scepter Hose with Squeeze Ball

Fuel hose with squeeze ball for use with engines that do not self-prime fuel. The squeeze ball allows manual circulation to start. If the engine can self-prime fuel, a regular fuel hose is sufficient.

Material		Rubber
Item no.	Description	
SC-07485	Scepter fuel hose 3/8" I.D. x80' (20,3m)	
SC-07486	Scepter hose 3/8" internal Bombardier OMC/BRP	
SC-07491	Scepter fuel hose 5/16" I.D. x 80' (20,3m)	



## Fuel caps

Item no.	Description
SC-08935	Scepter manually vented cap fits most tanks display





## Fuel plugs

Connectors: If you want to replace the connections between the motor, the hose, and the tank, you will need 3 parts:

- A fuel connector for the motor side (this connects the fuel hose to the plug on the motor).
- A fuel connector for the tank side (this connects the hose to the tank fitting).
- A tank fitting (this screws directly onto the tank).

Item no.	Description
SC-05787	Scepter fuel line connector motor 5/16"
SC-05791	Scepter fuel line connector motor 3/8" > 1998
SC-05793	Scepter fuel line connector tank 3/8" > 1998
SC-05813	Scepter barb female fuel line engine connector 5/16"
SC-05815	Scepter barb female fuel line engine/tank connector 3/8"
SC-05822	Scepter barb female fuel line engine connector 3/8"
SC-07497	Scepter fuel line tank connector 3/8" Male



## Tank fittings

Connectors: If you want to replace the connections between the motor, the hose, and the tank, you will need 3 parts:

- A fuel connector for the motor side (this connects the fuel hose to the plug on the motor).
- A fuel connector for the tank side (this connects the hose to the tank fitting).
- A tank fitting (this screws directly onto the tank).

Item no.	Description
SC-04068	Scepter fuel line connector OMC/BRP Bombardier 1/4"NPT
SC-04075	Scepter fuel line connector Yamaha 1/4"NPT brass
SC-05837	Scepter fuel line connector Mercury 1/4"NPT brass > 1998

# Deck fittings





## Hollex Bollard AISI 304

Highly polished bollards made of stainless steel 316. Available in various designs and sizes. Must be attached to the deck with bolts.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 304)</b>
<b>Type Bollard</b>	<b>Base plate</b>

Item no.	Description	Ø (mm)
0751	Hollex bollard on plate ø50mm AISI304	50
0752	Hollex bollard on plate ø60mm AISI304	60
0753	Hollex bollard on plate ø80mm AISI304	80

## Hollex Bollard AISI 316

Highly polished bollards made of stainless steel 316. Available in various designs and sizes. Must be attached to the deck with bolts.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Type Bollard</b>	<b>Base plate</b>

Item no.	Description	Ø (mm)
115102274	Hollex bollard on plate 50mm AISI316	50
115102275	Hollex bollard on plate 60mm AISI316	60
115102276	Hollex bollard on plate 70mm AISI316	70
115102277	Hollex bollard on plate 80mm AISI316	80

## Hollex Cleat Recessed

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>

Item no.	Description
50256	Hollex recessed mooring cleat 152mm
50257	Hollex recessed mooring cleat 200mm

## Hollex Cleat Foldable

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>

Item no.	Description
50262	Hollex mooring cleat foldable 115mm
50260	Hollex mooring cleat foldable 150mm
50261	Hollex mooring cleat foldable 214mm

## Hollex Cleat

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Description	LxWxH
50369	Hollex mooring cleat 152x25.4mm AISI316	150x26x28 mm



## Hollex Cleat

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Description	LxWxH
50258	Hollex mooring cleat 152mm	150x30x50 mm
50359	Hollex mooring cleat 200x34mm AISI316	



## Hollex Cleat Slim

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Description	LxWxH
115102251	Hollex mooring cleat 100mm AISI316 Slim	100x22x25 mm
115102252	Hollex mooring cleat 125mm AISI316 Slim	125x25x27 mm
115102253	Hollex mooring cleat 150mm AISI316 Slim	150x26x31 mm
115102254	Hollex mooring cleat 200mm AISI316 Slim	200x28x41 mm
115102255	Hollex mooring cleat 250mm AISI316 Slim	250x44x50 mm



## Hollex Cleat

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Description	LxWxH
115102248	Hollex mooring cleat 125mm AISI316	125x29x25 mm
115102249	Hollex mooring cleat 150mm AISI316	150x39x28 mm
115102250	Hollex mooring cleat 250mm AISI316	250x45x40 mm





## Hollex Cleat

Highly polished stainless steel 316 cleats. With their elegant finish, these cleats are an adornment for your deck.

Brand		Hollex	
Item no.	Description	LxWxH	
50243	Hollex mooring cleat 200x45mm AISI316	200x60x45 mm	
50244	Hollex mooring cleat 250x58mm AISI316	250x82x58 mm	

## Hollex Bow Cleats

Highly polished bow cleats. Available as a set or individually.

Material		Stainless steel (AISI 316)		
Item no.	LxWxH	Line (mm)	Pcs	
502128	116x19x32 mm	23	2	
502129	152x26x38 mm	24	2	

## Hollex Bow Cleats

Highly polished bow cleats. Available as a set or individually.

Material		Stainless steel (AISI 316)		
Item no.	LxWxH	Line (mm)	Pcs	
502126	154.5x34x34 mm	20	2	
502127	204x40x45 mm	29	2	

## Hollex Bow Cleats

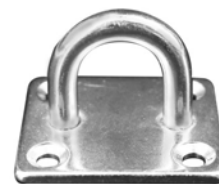
Highly polished bow cleats. Available as a set or individually.

Material		Stainless steel (AISI 316)		
Item no.	LxWxH	Line (mm)	Pcs	
50265	119x23x24 mm	16	2	
50266	153x35x30 mm	20	2	

## Hollex deck eye on plate

Highly polished deck eyes made of stainless steel 304, complete with base plate. Available in three sizes.

Brand	Hollex
Item no.	Description
115102725	Hollex deck eye on plate 30x35mm rvs316
115102715	Hollex deck eye on plate 35x40mm rvs316
115102716	Hollex deck eye on plate 40x50mm rvs316



## Hollex Deck Eye Foldable

High-gloss polished deck eyes made of stainless steel 304, complete with base plate. Available in three sizes.

Brand	Hollex		
Material	Stainless steel (AISI 316)		
Item no.	Description	Length (mm)	Width (mm)
50207	Deck Eye Foldable	46	45
50208	Deck Eye Foldable	64	63
50209	Deck Eye Foldable	78	69



## Hollex Ring

Mooring ring made of stainless steel.

Brand	Hollex
Material	Stainless steel (AISI 304)
Item no.	LxWxH
50203	49x49x33 mm





## Anti Scratch Strip

An indispensable accessory for every boat owner who values both style and functionality. Made of high-quality stainless steel 316 with a refined polished finish. This strip not only adds a touch of elegance but also provides protection against abrasion and scratches.

Brand	Hollex	
Material	Stainless steel (AISI 316)	
Item no.	Description	LxWxH
115102278	Hollex strip AISI316 19x203mm	203x19x6 mm
115102279	Hollex strip AISI316 19x304mm	304x19x6 mm
115102280	Hollex strip AISI316 19x457mm	457x19x6 mm
115102281	Hollex strip AISI316 19x610mm	610x19x6 mm
115102282	Hollex strip AISI316 25x203mm	203x25.4x5.5 mm
115102283	Hollex strip AISI316 25x304mm	304x25.4x5.5 mm
115102284	Hollex strip AISI316 25x457mm	457x25.4x5.5 mm
115102285	Hollex strip AISI316 25x610mm	610x25.4x5.5 mm



## Hollex Lifebuoy Holder

Item no.	Description	Material
50396	Lifebuoy Holder 700mm	Stainless steel (AISI 316)



## Hollex Sealing Plug

Item no.	Description	Material
50373	Sealing Stop 50 mm	Stainless steel

### Hollex End Cap

Item no.	Description	Material
NS-8270-22	Hollex end cap AISI for tube ø22mm	Stainless steel
NS-8270-25	Hollex end cap AISI for tube ø25mm	Stainless steel



### Hollex deck mount

Item no.	Description	Material
NS-01SS	Stainless steel deck mount hinge	Stainless steel
NS-02SS	Stainless steel rail/window mount hinge	Stainless steel
NS-03SS	Stainless steel deck mount pivot	Stainless steel



### Hollex Deck Filler Lever model

Brand	Hollex	
Material	Chrome-Plated Brass	
Item no.	Description	Connections (mm)
311074	Deck Filler Fuel with Lock	38
311067	Deck Filler Water	38
311066	Deck Filler Fuel	38
311068	Deck Filler Diesel	38
311073	Deck Filler Waste	38
311075	Deck Filler Fuel with Lock	50
311070	Deck Filler Water	50
311071	Deck Filler Diesel	50
311069	Deck Filler Fuel	50





## Hollex Deck Filler winch model

Brand		Hollex	
Item no.	Description	Material	Connections (mm)
311076	Winch for Deck Filler	Synthetic	
311061	Deck Filler Water	Chrome-Plated Brass	38
311060	Deck Filler Fuel	Chrome-Plated Brass	38
311062	Deck Filler Diesel	Chrome-Plated Brass	38
311072	Deck Filler Waste	Chrome-Plated Brass	38
311064	Deck Filler Water	Chrome-Plated Brass	50
311063	Deck Filler Fuel	Chrome-Plated Brass	50
311065	Deck Filler Diesel	Chrome-Plated Brass	50

## Hollex Deck Filler

Brand		Hollex	
Material		Stainless steel	
Item no.	Description	Connections (mm)	
50370	Deck Filler Cap Waste	50	
50371	Deck Filler 114x79mm		
50372	Deck Filler 141x105mm		

## Hollex Deck Filler stainless steel 316

Brand		Hollex	
Material		Stainless steel (AISI 316)	
Item no.	Description	Connections (mm)	
50504	Deck Filler Water	38	
50500	Deck Filler Fuel	38	
50502	Deck Filler Diesel	38	
50506	Deck Filler Waste	38	
50505	Deck Filler Water	50	
50501	Deck Filler Fuel	50	
50503	Deck Filler Diesel	50	
50507	Deck Filler Waste	50	



## Guidi Deck Filler

Chrome-plated deck fill caps in three variants: for water, fuel, and waste.  
With hose barb at the bottom.

Brand	Guidi		
Material	Chrome-Plated Brass		
Item no.	Description	Connections (mm)	
3110.01	Cap for Water Deck Filler		
311011	Deck Filler Water	38	
311021	Deck Filler Diesel	38	
311001	Deck Filler Fuel	38	
311014	Deck Filler Waste Tank	38	
311031	Deck Filler Waste	38	
311023	Deck Filler Diesel	50	
311003	Deck Filler Fuel	50	
311033	Deck Filler Waste	50	
311013	Deck Filler Water	50	



## Hollex Spiral Mooring Pin

The mooring pin is very easy to twist into the ground due to its corkscrew shape and wide handles. Material: galvanized steel. Available in 3 lengths.

Material	Galvanized steel		
Item no.	Description	Length (mm)	
51160	Rotating Spit Small	350	
51162	Rotating Spit Medium	430	
51161	Rotating Spit Large	630	



## Hollex Fender Hook Pop-up / Recessed

Brand	Hollex		
Material	Stainless steel (AISI 316)		
Built-in / surface-mounted	Built-in		
Shape	Round		
Item no.	Description	Ø (mm)	Line (mm)
50222	Fender hook Round	47	8







## Hollex Spring Loaded Hatch Handle

<b>Brand</b>	Hollex
<b>Material</b>	Stainless steel (AISI 304)
<b>Built-in / surface-mounted</b>	Surface-mounted

Item no.	Length (mm)	Width (mm)
50654	65	55



## Hollex Hatch Ring

<b>Material</b>	Stainless steel (AISI 316)
<b>Built-in / surface-mounted</b>	Built-in

Item no.	Ø (mm)
115102268	51



## Hollex Handle

<b>Brand</b>	Hollex
<b>Material</b>	Stainless steel (AISI 316)
<b>Built-in / surface-mounted</b>	Surface-mounted
<b>Thread</b>	M8

Item no.	Length (mm)	Height (mm)	Ø (mm)
50360	203	92	22
50361	254	92	22
50362	304	90	22
50363	355	90	22
50364	500	90	22



## Hollex Hatch Hinge

<b>Brand</b>	Hollex
<b>Material</b>	Stainless steel (AISI 316)
<b>Shape</b>	Diverse

Item no.	Description	LxWxH
50331	Hollex hatch hinge 76.2x63.5mm	76x63x33 mm
50332	Hollex hatch hinge 83x76mm	83x76x31 mm

## Hollex Hinge Construction

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Square</b>

Item no.	Description	LxWxH
50322	Hollex hinge 51mm right	51x32x13 mm
50323	Hollex hinge 51mm left	51x32x9 mm



## Hollex Hinge

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Rectangular</b>

Item no.	Description	LxWxH
50301	Hollex hinge 63,5x 50mm	63.5x50.5x8.5 mm
50302	Hollex hinge 63,5x63,5mm	63x64x8.5 mm
50303	Hollex hinge 76,2x41,2mm	76x41x8 mm
50304	Hollex hinge 76x50,8mm	76x50.5x8.5 mm
50305	Hollex hinge 76,2x76,2mm	75.5x75.5x9 mm



## Hollex Hinge

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Square</b>

Item no.	Description	LxWxH
50306	Hollex hinge 38,1x38,1mm	38x37x9 mm
50307	Hollex hinge 50,8x50,8mm	50x50x10 mm



## Hollex Hinge

**Brand** Hollex  
**Material** Stainless steel (AISI 316)  
**Shape** Diverse

Item no.	Description	LxWxH
50308	Hollex hinge 74x38,5mm	74x37.5x10 mm
50311	Hollex door hinge 76,2x38,1mm	74.5x37x9 mm
50312	Hollex door hinge 101,6x38,1mm	98.5x38x9 mm
50313	Hollex door hinge 56,2x38,1mm	55.5x38x9 mm
50316	Hollex hinge 143,6x37,6mm	146x38x8.5 mm
50317	Hollex hinge oval 53x115mm	40x74x2 mm
50318	Hollex hinge 101,6x25,4mm	101x25x10 mm
50320	Hollex hinge oval 75x38mm	75x38x9 mm
50330	Hollex hinge blind 74x 38,5mm	74x38x8 mm

## Hollex Safety Hasp

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Length (mm)	Width (mm)
50336	65	25
50335	90	25

## Hollex Slide Closure

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Length (mm)	Width (mm)
50342	25	34
50341	26	34
50343	32	45
50344	32	45
50338	93	39
50350	38	38
50340	251	33

## Hollex Safety Hasp

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Length (mm)	Width (mm)
50339	22	95
50337	96	37



## Hollex Cabin Hook

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Length (mm)	Width (mm)
50356	50	30
50355	100	42



## Hollex hook closure

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Length (mm)	Width (mm)
50351	50	34



## Hollex Folding Hasp

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Length (mm)	Width (mm)
50329	78	21
50328	98	27
50327	111	50





## Hollex Ski Hook

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Description
SH1960	Hollex ski hook AISI for transom mounting ø62mm

# Fenders





## Solidhead Fender 35

The Hollex Solidhead Buoy/Fenders are made with a unique strong UV-resistant marine grade of vinyl. All Hollex Solidhead Buoy/Fenders have a strong brass valve for easy inflation and deflation.

Hollex fenders require minimal maintenance. Wash with clean water and if dirty with hot water and soap. Available in several colors.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0420	Orange	48	35
0425	White	48	35
0435	Black	48	35
0439	Blue	48	35
0455	Navy	48	35
0462	Deep dark blue	48	35
0539	Anthracite	48	35



## Solidhead Fender 45

The Hollex Solidhead Buoy/Fenders are made with a unique strong UV-resistant marine grade of vinyl. All Hollex Solidhead Buoy/Fenders have a strong brass valve for easy inflation and deflation.

Hollex fenders require minimal maintenance. Wash with clean water and if dirty with hot water and soap. Available in several colors.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0421	Orange	62	45
0426	White	62	45
0434	Silver grey	62	45
0436	Black	62	45
0440	Blue	62	45
0456	Navy	62	45
0460	Deep dark blue	62	45
0540	Anthracite	62	45



## Solidhead Fender 55

The Hollex Solidhead Buoy/Fenders are made with a unique strong UV-resistant marine grade of vinyl. All Hollex Solidhead Buoy/Fenders have a strong brass valve for easy inflation and deflation.

Hollex fenders require minimal maintenance. Wash with clean water and if dirty with hot water and soap. Available in several colors.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0422	Orange	73	55
0427	White	73	55
0437	Black	73	55
0441	Blue	73	55
0457	Navy	73	55
0463	Deep dark blue	73	55
0541	Anthracite	73	55



## Solidhead Fender 65

The Hollex Solidhead Buoy/Fenders are made with a unique strong UV-resistant marine grade of vinyl. All Hollex Solidhead Buoy/Fenders have a strong brass valve for easy inflation and deflation.

Hollex fenders require minimal maintenance. Wash with clean water and if dirty with hot water and soap. Available in several colors.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0423	Orange	88	65
0428	White	88	65
0438	Black	88	65
0442	Blue	88	65
0458	Navy	88	65
0464	Deep dark blue	88	65
0542	Anthracite	88	65





## Anchor Buoy/Fender

The fenders are made of durable plastic, ensuring that they maintain their effectiveness even over the long term and with frequent use. They come with a recessed valve. The combination of low price, high quality, and practical design makes these fenders a sought-after item.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0472	Orange	40	35
0473	Orange	46	35



## Float Fender

The fenders are made of durable plastic, ensuring that they maintain their effectiveness even in the long term and with frequent use. They are equipped with a recessed valve. The combination of low price, high quality, and practical design makes these fenders a sought-after item.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0470	Orange	21	15
0468	Orange	28	21
0471	Yellow	21	15
0469	Yellow	28	21



## Cylinder Fender

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

### Material

Item no.	Color	Length (cm)	Ø (cm)
0402	White	30	9
0403	Black	30	9
0404	Blue	30	9
0405	Navy	30	9



## Cylinder Fender 1

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

### Material

Item no.	Color	Length (cm)	Ø (cm)
0406	White	42	10
0447	Blue	42	10
0448	Black	42	10
0449	Navy	42	10
0449-1	Deep dark blue	42	10
0501	Anthracite	42	10



## Cylinder Fender 2

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0409	Blue	55	12
0412	White	55	12
0432	Black	55	12
0450	Navy	55	12
0450-1	Deep dark blue	55	12
0450-2	Silver grey	55	12
0502	Anthracite	55	12



## Cylinder Fender 3

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0408	Blue	60	16
0411	White	60	16
0431	Black	60	16
0451	Navy	60	16
0451-1	Deep dark blue	60	16
0451-2	Silver grey	60	16
0503	Anthracite	60	16



## Cylinder Fender 4

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0407	Blue	65	22
0410	White	65	22
0429	Black	65	22
0452	Navy	65	22
0452-1	Deep dark blue	65	22
0452-2	Silver grey	65	22
0504	Anthracite	65	22



## Cylinder Fender 5

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0414	Blue	80	25
0416	White	80	25
0430	Black	80	25
0453	Navy	80	25
0453-1	Deep dark blue	80	25
0453-2	Silver grey	80	25
0505	Anthracite	80	25



## Cylinder Fender 6

The cylindrical fenders are of durable quality. Even in the long term and with frequent use, these fenders remain up to their task. They are equipped with a recessed valve. They are attractively priced and practical to use. Fender covers are available for these fenders.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0415	Blue	90	30
0417	White	90	30
0433	Black	90	30
0454	Navy	90	30
0454-1	Deep dark blue	90	30
0454-2	Silver grey	90	30
0506	Anthracite	90	30



## Mega Fender

**Brand** Majoni

**Material**

Item no.	Color	H (cm)	Ø (cm)
0445	Black	140	45



## Dropfender 1

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0511	White	45	12
0512	Navy	45	12
0513	Deep dark blue	45	12
0514	Black	45	12
0515	Anthracite	45	12



## Dropfender 2

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0521	White	58	15
0522	Navy	58	15
0523	Deep dark blue	58	15
0524	Black	58	15
0525	Anthracite	58	15



### Dropfender 3

Brand **Majoni**

Material

Item no.	Color	Length (cm)	Ø (cm)
0531	White	62	21
0532	Navy	62	21
0533	Deep dark blue	62	21
0534	Black	62	21
0535	Anthracite	62	21



### Dropfender 4

Brand **Majoni**

Material

Item no.	Color	Length (cm)	Ø (cm)
0552	Navy	24	24
0554	Black	24	24
0555	Deep dark blue	24	24
0556	Anthracite	24	24
0557	White	24	24



## Dropfender 5

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0580	Anthracite	90	30
0581	Black	90	30
0582	Navy	90	30
0583	Deep dark blue	90	30
0584	White	90	30



## Dumpy Fender

The Hollex dumpy fenders are from hard-wearing quality. Including flush valve.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0481	Navy	30	15
0482	Navy	36	18
0483	White	30	15
0484	White	36	18
0485	Black	30	15
0486	Black	36	18
0487	Blue	30	15
0488	Blue	36	18





## Bow Fender

The Hollex bow fenders are made with a unique strong UV-resistant marine grade of vinyl. All Hollex bow fenders have a strong brass valve for easy inflation and deflation.

Hollex fenders require minimal maintenance. Wash with clean water and if dirty with hot water and soap.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0466.BL	Blue	70	9
0466.DB	Navy	70	9
0466.DDB	Deep dark blue	70	9



## Pick Up Fender

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0492	Orange	35	15
0493	Orange	40	18



## Ring Fender

The Hollex ring fenders are made from hard-wearing quality materials and include a flush valve. They are constructed from durable plastic, ensuring their effectiveness is maintained even in the long term and with frequent use. They are equipped with a recessed valve. The combination of low price, high quality, and practical design makes these fenders a sought-after item.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0418	White	33	10
0419	Blue	33	10
0444	Black	33	10
0459	Navy	33	10
0465	Deep dark blue	33	10



## Dock Fender

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0494.NA	Dark blue	100	19	19
0495.NA	Dark blue	110	24	24
0495.WI	White	110	24	24
0494.ZW	Black	100	19	19
0495.ZW	Black	110	24	24



## Dock Fender Mini

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0478.DB	Navy	50	7	12
0478.WI	White	50	7	12
0478.ZW	Black	50	7	12



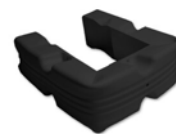
## Dock Fender Straight

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0479.DB	Navy	100	7	12
0479.WI	White	100	7	12
0479.ZW	Black	100	7	12



## Dock Fender Flex

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0477.DB	Navy	100	7	12
0477.WI	White	100	7	12
0477.ZW	Black	100	7	12



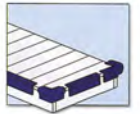
## Jetty Fender Mini

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0475.BL	Blue	25	10	7
0475.DB	Navy	25	10	7
0475.WI	White	25	10	7
0475.ZW	Black	25	10	7



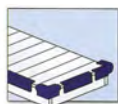
## Jetty Fender Straight

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0476.BL	Blue	50	10	7
0476.DB	Navy	50	10	7
0476.WI	White	50	10	7
0476.ZW	Black	50	10	7



## Jetty Fender Corner

These fenders are ready for immediate use. Easily attachable to the dock.

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0474.BL	Blue	31	10	7
0474.DB	Navy	31	10	7
0474.WI	White	31	10	7
0474.ZW	Black	31	10	7



## Trap Fender

**Brand** Majoni

**Material**

**Number of steps** 2

Item no.	Color	Length (cm)	Width (cm)	Depth (cm)
0490	White	55	25	12
0491	Blue	55	25	12



## Fast Fender 25

Attaching fenders has never been so quick and easy! With the Fastfender, it's possible to hang them with one hand, making the entire ship ready to dock in an instant. With the help of the integrated rope clamp, the fenders can be easily adjusted in height.

<b>Brand</b>	<b>Fastfender</b>
<b>Material</b>	<b>PA6 AWAMID</b>
<b>Maximum load (short) (kg)</b>	<b>150</b>
<b>Maximum Load (long) (kg)</b>	<b>85</b>

Item no.	Color	Max. railing Ø (mm)	Line (mm)
FF25/BLAUW	Blue	25	6 - 12
FF25/WIT	White	25	6 - 12
FF25/ZWART	Black	25	6 - 12



## Fast Fender 32

Attaching fenders has never been so quick and easy! With the Fastfender, it's possible to hang them with one hand, making the entire ship ready to dock in an instant. With the help of the integrated rope clamp, the fenders can be easily adjusted in height.

<b>Brand</b>	<b>Fastfender</b>
<b>Material</b>	<b>PA6 AWAMID</b>
<b>Maximum load (short) (kg)</b>	<b>250</b>
<b>Maximum Load (long) (kg)</b>	<b>150</b>

Item no.	Color	Max. railing Ø (mm)	Line (mm)
FF32/BLAUW	Blue	32	6 - 12
FF32/WIT	White	32	6 - 12
FF32/ZWART	Black	32	6 - 12



## Fast Fender 40

Attaching fenders has never been so quick and easy! With the Fastfender, it's possible to hang them with one hand, making the entire ship ready to dock in an instant. With the help of the integrated rope clamp, the fenders can be easily adjusted in height.

<b>Brand</b>	<b>Fastfender</b>
<b>Material</b>	<b>PA6 AWAMID</b>
<b>Maximum load (short) (kg)</b>	<b>150</b>
<b>Maximum Load (long) (kg)</b>	<b>100</b>

Item no.	Color	Max. railing Ø (mm)	Line (mm)
FF40/BLAUW	Blue	40	6 - 14
FF40/WIT	White	40	6 - 14
FF40/ZWART	Black	40	6 - 14



## Fast Fender Sail

Attaching fenders has never been so quick and easy! With the Fastfender, it's possible to hang them with one hand, making the entire ship ready to dock in an instant. With the help of the integrated rope clamp, the fenders can be easily adjusted in height.

<b>Brand</b>	<b>Fastfender</b>
<b>Material</b>	<b>PA6 AWAMID</b>
<b>Maximum load (short) (kg)</b>	<b>150</b>
<b>Maximum Load (long) (kg)</b>	<b>85</b>

Item no.	Color	Max. railing Ø (mm)	Line (mm)
FFS/BLAUW	Blue	8	6 - 12
FFS/WIT	White	8	6 - 12
FFS/ZWART	Black	8	6 - 12



## Keychain (Cylinder Fender)

These mini fenders are made for a keychain. Mini fenders will float on the water, so next time your keys decide to go for a swim, you can easily rescue them!

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0560	Black	10	3
0561	Navy	10	3
0562	Orange	10	3
0563	White	10	3



## Keychain (Sphere Fender)

These mini fenders are made for a keychain. Mini fenders will float on the water, so next time your keys decide to go for a swim, you can easily rescue them!

**Brand** Majoni

**Material**

Item no.	Color	Length (cm)	Ø (cm)
0570	Black	6	4.5
0571	Navy	6	4.5
0572	Orange	6	4.5
0573	White	6	4.5





## Fender Valves

Hollex fenders can be inflated using a compressor and an air pressure gun with a flat head. Press the air pressure gun against the valve, and the fender will inflate. Alternatively, a tire pump can be used with a special adapter. Using a pin will irreparably damage the valve. Valves can be easily replaced using an M3 bolt and pliers.

**Brand** Majoni

Item no.	Description
0499	Majoni valve for fender



## Hollex valve puller

The Hollex valve puller offers a simple and effective solution for removing valves from fenders. With its ergonomically designed handle, it fits comfortably in the hand and provides a firm grip for effortless use. Available as an individual tool, as a multitool variant for versatile use, or as part of a complete set for an all-in-one solution for fender maintenance.

Item no.	Description
115102583	Hollex valve puller
115102586	Hollex valve set
115102764	Hollex fender multi tool (black)



## Hollex valve holder keychain

Made of high-quality aluminum, these compact storage boxes provide a secure housing for your valve. With dimensions of 50 mm in length and 14 mm in diameter, along with the various colors, they complement your gear well. The added ring allows attachment to your keychain or a special key fender for easy access to your valve.

Item no.	Description
115102584	Hollex valve holder red
115102585	Hollex valve holder silver

# Filters





## Hollex Cooling Water Filters

The Hollex water filter is a versatile solution for boat enthusiasts in search of reliable water filtration. With its adaptable design, this filter is suitable for multiple hose sizes, making it a versatile choice for various boats and water systems. With its wall mounted backplate, it is easy to install in the engine compartment.

**Material**      **Polypropylene**   **Polyamide**   **Polycarbonate**

Item no.	Description
HWFLN	Hollex water filter type L ø 25/32/38mm
HWFSN	Hollex water filter type S ø 13/16/19mm

## Hollex Cover for HWFL/HWFLN

Item no.	Description
HWFLN.001	Hollex lid for Hollex water filter type HWFL
HWFSN.001	Hollex Lid for Hollex water filter type HWFS

## Hollex O-rings

Item no.	Description
HWFLN.002	Hollex o-ring for Hollex water filter type HWFL
HWFSN.002	Hollex o-ring for Hollex water filter type HWFS

## Hollex Strainer Insert

Item no.	Description	Filter No.
HWFLN.003	Hollex strainer for Hollex water filter type HWFLN	HWFLN
HWFSN.003	Hollex strainer for Hollex water filter type HWFSN	HWFSN



## Guidi Cooling water filter Type 1

This small water strainer is especially designed to filter flushing water and as a cooling water strainer for small engines and generator sets. The housing and cover are manufactured from high quality nickel-plated bronze. The filter element is made of stainless steel AISI 316L. Suitable for installation below the waterline. The filter comes complete with a tool to open the filter for inspection or cleaning. The sealing between cover and housing is by means of a neoprene O-ring. For this type of strainers brackets are available as well as spare parts.

Material		Nickel-Plated Brass
Item no.	Description	
312140	Guidi water strainer type 3-4" see-thru cover	
3140	Guidi water strainer nickel plated brass 3/4" type 1	
31401	Guidi water strainer nickel plated brass 1" type 1	



## Guidi Cooling water filter Type 3

A distinguished water strainer for small and medium-sized engines and very appropriate for deckwash pumps as well. The housing is made of high quality nickel-plated bronze. The filter element is made of stainless steel AISI 316L and the cover of Lexan transparent polycarbonate. Stainless steel bolts and rings as well as a drain plug are included. Easy to inspect and clean. The sealing between cover and housing is by means of a neoprene O-ring. Spare parts for this filter are also available.

Material		Nickel-Plated Bronze	
Item no.	Description	Connections (inch)	Capacity liters / minute at 1.0 bar (ltr.)
3147	Guidi water strainer bronze 3/4" type 3	3/4"	248
3157	Guidi water strainer bronze 1" type 3	1"	425
3158	Guidi water strainer bronze 1 1/4" type 3	1 1/4"	668
3188	Guidi water strainer bronze 1 1/2" type 3	1 1/2"	1021
3198	Guidi water strainer bronze 2" type 3	2"	1603
319825	Guidi water strainer type 3-2 1/2"	2 1/2"	
319830	Guidi water strainer type 3-3"	3"	





## Guidi Cooling water filter Type 4

Robust water strainer for larger engines. The housing is manufactured from high quality nickel-plated bronze. The filter element is made of stainless steel AISI 316L and the cover of Lexan transparent polycarbonate. Stainless steel bolts and rings as well as a drain plug are included. Easy to inspect and clean. The sealing between cover and housing is obtained by using a neoprene O-ring. Spare parts for this filter are also available.

Material		Nickel-Plated Bronze	
Item no.	Description	Connections (inch)	Capacity liters / minute at 1.0 bar (ltr.)
3171	Guidi water strainer bronze 3/8" type 4	3/8"	95
3172	Guidi water strainer bronze 1/2" type 4	1/2"	119
3173	Guidi water strainer bronze 3/4" type 4	3/4"	228
3174	Guidi water strainer bronze 1" type 4	1"	262
3175	Guidi water strainer bronze 1 1/4" type 4	1 1/4"	547
3176	Guidi water strainer bronze 1 1/2" type 4	1 1/2"	608
3177	Guidi water strainer bronze 2" type 4	2"	794
3178	Guidi water strainer bronze 2 1/2" type 4	2 1/2"	1114
3179	Guidi water strainer bronze 3" type 4	3"	1597
3199	Guidi water strainer bronze 4" type 4	4"	4777



## Guidi Cooling water filter Type 5

Waterfilter suitable for use as a suction filter for larger tasks. The housing is made of bronze, and the filter is made of stainless steel 316. The cover is secured with stainless steel bolts and sealed with an O-ring enclosed in a groove. Equipped with a base plate with holes for easy mounting. Stainless steel bolts, O-ring, and a drain plug are included as standard. Of course, parts are also available for this filter.

Material		Bronze	
Item no.	Description	Connections (inch)	Capacity liters / minute at 1.0 bar (ltr.)
3111	Guidi water strainer bronze 4" type 5	4"	4812
3112	Guidi water strainer bronze 6" type 5	6"	10378
3113	Guidi water strainer bronze 8" type 5	8"	18450

## Guidi Cover

Closed lid without plexiglass viewing. When replacing a new lid, always replace the O-ring as well. When ordering filter parts for the Hollex cooling water filters, always provide the dimensions of the parts. This way, we can always double-check to ensure that the correct parts are being ordered for your cooling water filter.

Item no.	Description
3140.001	Guidi cover for 3140
3147.001M	Guidi cover metal for 3147/3157/3173/3174
3158.001M	Guidi cover metal for 3158/3175
3176.001M	Guidi cover metal for 3176/3188
3177.001M	Guidi cover metal for 3177/3198
3178.001M	Guidi cover metal 3178/3179/319825/3199



## Guidi Plastic Lid

Plexiglass cover for replacing the inspection cover. When installing a new piece of plexiglass, always replace the O-ring as well. Lid rim not included. When ordering filter parts for Hollex cooling water filters, always provide the dimensions of the parts. This allows us to double-check and ensure that the correct parts are being ordered for your cooling water filter.

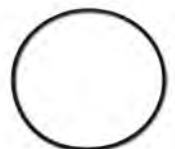
Item no.	Description
3147.001	Guidi cover plastic for 3147/3157/3173/3174
3158.001	Guidi cover plastic for 3158/3175 (1 1/4")
3171.001	Guidi plastic cover for 3171/3172
3176.001	Guidi plastic cover for 3176/3188
3177.001	Guidi plastic inspection glass for 3177/3198
3178.001	Guidi plastic cover for 3178/3179/3199



## Guidi O-Rings

O-rings for sealing the inspection cover. When installing a new piece of plexiglass, always replace the O-ring as well. When ordering filter parts for Hollex cooling water filters, always provide the dimensions of the parts. This allows us to double-check and ensure that the correct parts are being ordered for your cooling water filter.

Item no.	Description
3140.002	Guidi o-ring for cover element 3140
3147.002	Guidi o-ring for cover 3147/3157/3173/3174
3158.002	Guidi o-ring for cover 3158, 3175, 3176, 3188
3171.002	Guidi o-ring for cover 3171, 3172
3175.002	Guidi o-ring for cover 3175
3177.002	Guidi o-ring for cover 3177, 3198
3178.002	Guidi o-ring for cover 3178, 3179, 3199





## Guidi Strainer

Inside filters, also called seven or baskets for the cooling water filter. When replacing a new inner flange, replace the O-ring as well.

When ordering filter components for the Hollex cooling water filters, always read the dimensions of the parts. This way we can always check for the correct parts for your cooling water filter.

Item no.	Description
3140.005	Guidi strainer AISI for 3140
3147.005	Guidi strainer AISI for 3147/3157
3158.004	Guidi strainer AISI for 3158 1 1/4" ø87 h=123
3158.005	Guidi strainer AISI for 3188 1 1/2" ø98 h=131
3171.005	Guidi strainer AISI for 3171 and 3172
3173.005	Guidi strainer AISI for 3173 and 3174
3175.005	Guidi strainer AISI for 3175-1 1/4"
3176.005	Guidi strainer AISI for 3176 1 1/2"
3177.005	Guidi strainer AISI for 3177
3178.005	Guidi strainer AISI for 3178/3179-OLD GENERATION
3178.005N	Guidi strainer AISI for 3178/3179-NEW GENERATION
3198.005	Guidi strainer AISI for 3198
3199.005	Guidi strainer AISI for 3199
CE04-A130IE6R	Guidi strainer AISI316 for cooling water filter type 5



## Guidi Flange

Item no.	Description
3175.003	Guidi flange bronze ND32-1 1/4" for 3175
3176.003	Guidi flange DN40 for strainer 3176-1 1/2"
3176.004	Guidi flange bronze DN40 for strainer 3176
3177.003	Guidi flange DN50 for strainer 3177-2"
3177.004	Guidi flange bronze DN50 for strainer 3177-2"
3178.003	Guidi flange DN65 for strainer 3178-2 1/2"
3178.004	Guidi flange bronze DN65 for strainer 3178

## Suction strainer

**Brand** Guidi  
**Material** Stainless steel

Item no.	Height (mm)	Ø (mm)
3293	49	19
3294	49	23
3295	55	30
3296	63	37
3297	69	45
3298	79	49.5
3299	94	62
3299.1	96	81



## Suction strainer

**Brand** Guidi  
**Material** Brass

Item no.	Description	Height (mm)
3264	Suction strainer with filter connection	30





# Fitting material

**GUIDI**  
since 1968



# Guidi *System*



GUIDI  
since 1968

**AG**<sup>®</sup>

MARINE  
ACCESSORIES

*Durability & Reliability*



## Sealing caps

Brand	Guidi
Material	Brass
Item no.	Description
310411	Guidi threaded plug-female screw 1/8"
310412	Guidi threaded plug-female screw 1/4"
310413	Guidi threaded plug-female screw 3/8"
310414	Guidi threaded plug-female screw 1/2"
310415	Guidi threaded plug-female screw 3/4"
310416	Guidi threaded plug-female screw 1"
310417	Guidi threaded plug-female screw 1 1/4"
310418	Guidi threaded plug-female screw 1 1/2"
310419	Guidi threaded plug-female screw 2"



## Sealing plugs

Brand	Guidi
Material	Brass
Item no.	Description
310402	Guidi threaded plug-male screw 1/4"
310403	Guidi threaded plug-male screw 3/8"
310404	Guidi threaded plug-male screw 1/2"
310405	Guidi threaded plug-male screw 3/4"
310406	Guidi threaded plug-male screw 1"
310407	Guidi threaded plug-male screw 1 1/4"
310408	Guidi threaded plug-male screw 1 1/2"
310409	Guidi threaded plug-male screw 2"



## Gate valve Quick-Closing

Brand	Guidi
Material	Bronze
Item no.	Description
310101	Guidi gate valve 3/8" quick-closing
310102	Guidi gate valve 1/2" quick-closing
310103	Guidi gate valve 3/4" quick-closing
310104	Guidi gate valve 1" quick-closing
310105	Guidi gate valve 1 1/4" quick-closing
310106	Guidi gate valve 1 1/2" quick-closing

## Gate valve

**Brand** Guidi  
**Material** Bronze

Item no.	Description
3107	Guidi gate valve 1/4"
3101	Guidi gate valve 3/8"
3102	Guidi gate valve 1/2"
3103	Guidi gate valve 3/4"
3104	Guidi gate valve 1"
3105	Guidi gate valve 1 1/4"
3106	Guidi gate valve 1 1/2"
3166	Guidi gate valve 2"



## Ball Valve 3-Way T-Bore Female Thread

**Brand** Guidi  
**Material** Nickel-Plated Brass

Item no.	Description
310208	Guidi three way ball valve 1/4" T-bore
310210	Guidi three way ball valve 1/2" T-bore
310215	Guidi three way ball valve 3/4" T-bore
310220	Guidi three way ball valve 1" T-bore
310225	Guidi three way ball valve 1 1/4" T-bore
310230	Guidi three way ball valve 1 1/2" T-bore
310235	Guidi three way ball valve 2" T-bore



## Ball Valve 3-Way L-Bore Female Thread

**Brand** Guidi  
**Material** Nickel-Plated Brass

Item no.	Description
310108	Guidi three way ball valve 1/4" L-bore
310109	Guidi three way ball valve 3/8" L-bore
310110	Guidi three way ball valve 1/2" L-bore
310115	Guidi three way ball valve 3/4" L-bore
310120	Guidi three way ball valve 1" L-bore
310125	Guidi three way ball valve 1 1/4" L-bore
310130	Guidi three way ball valve 1 1/2" L-bore
310135	Guidi three way ball valve 2" L-bore



## Ball Valve 2-Way Female Thread

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386002	Guidi ball valve bronze 1/2"
386003	Guidi ball valve bronze 3/4"
386004	Guidi ball valve bronze 1"
386005	Guidi ball valve bronze 1 1/4"
386006	Guidi ball valve bronze 1 1/2"
386007	Guidi ball valve bronze 2"
386008	Guidi ball valve bronze 2 1/2"

## Ball valve Inner/outer thread

**Brand** Guidi  
**Material** Brass

Item no.	Description
310008	Guidi ball valve 1/4" female-male
310202	Guidi ball valve 1/2" type 1560
310009	Guidi ball valve 3/8" female-male
310203	Guidi ball valve 3/4" type 1560
310015	Guidi ball valve 1/2" female-male
310016	Guidi ball valve 3/4" female-male
310017	Guidi ball valve 1" female-male
310018	Guidi ball valve 1 1/4" female-male
310019	Guidi ball valve 1 1/2" female-male
310020	Guidi ball valve 2" female-male

## Ball Valve 2-Way Female Thread Non-Stick

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386110	Guidi "Non-Stick" valve 3/8"
386111	Guidi "Non-Stick" valve 1/2"
386112	Guidi "Non-Stick" valve 3/4"
386113	Guidi "Non-Stick" valve 1"
386114	Guidi "Non-Stick" valve 1 1/4"
386115	Guidi "Non-Stick" valve 1 1/2"
386116	Guidi "Non-Stick" valve 2"



## Ball valve Mini Inner/outer thread

**Material** Nickel-Plated Brass

Item no.	Description
310250	Guidi ball valve Mini 1/4"
310251	Guidi ball valve Mini 3/8"



## Ball Valve 2-Way Female Thread

**Brand** Hollex

**Material** Stainless steel (AISI 316)

Item no.	Description
387001	Hollex ball valve AISI316 3/8"
387002	Hollex ball valve AISI316 1/2"
387003	Hollex ball valve AISI316 3/4"
387004	Hollex ball valve AISI316 1"
387005	Hollex ball valve AISI316 1 1/4"
387006	Hollex ball valve AISI316 1 1/2"



## Ball Valve 2-Way Female Thread

**Brand** Guidi

**Material** Brass

Item no.	Description
3108	Guidi ball valve 1/4"
3109	Guidi ball valve 3/8"
3115	Guidi ball valve 1/2"
3116	Guidi ball valve 3/4"
3117	Guidi ball valve 1"
3118	Guidi ball valve 1 1/4"
3119	Guidi ball valve 1 1/2"
3169	Guidi ball valve 2"
3170	Guidi ball valve 2 1/2"
3189	Guidi ball valve 3"
310190	Guidi ball valve 4"





### Knee 90° Internal thread

**Brand** Guidi  
**Material** Brass

Item no.	Description	Thread (inch B.S.P.)
3221	Knee 90°	1/4"
3222	Knee 90°	3/8"
3223	Knee 90°	1/2"
3224	Knee 90°	3/4"
3225	Knee 90°	1"
3226	Knee 90°	1 1/4"
3227	Knee 90°	1 1/2"
3228	Knee 90°	2"
3229	Knee 90°	2 1/2"
3230	Knee 90°	3"



### Knee 90° Internal thread

**Material** Bronze

Item no.	Description	Thread (inch B.S.P.)
386041	Knee 90°	3/8"
386042	Knee 90°	1/2"
386043	Knee 90°	3/4"
386044	Knee 90°	1"
386045	Knee 90°	1 1/4"
386046	Knee 90°	1 1/2"
386047	Knee 90°	2"



### Knee 90° Internal thread

**Brand** Guidi  
**Material** Anodized aluminum

Item no.	Description	Thread (inch B.S.P.)
300901	Knee 90°	1 1/4"
300902	Knee 90°	1 1/2"
300903	Knee 90°	2"

## Knee 90° Inner/outer thread

Material		Brass
Item no.	Description	Thread (inch B.S.P.)
0092100001	Knee 90°	1/8"
3253	Knee 90°	1/4"
3254	Knee 90°	3/8"
3255	Knee 90°	1/2"
3256	Knee 90°	3/4"
3257	Knee 90°	1"
3258	Knee 90°	1 1/4"
3259	Knee 90°	1 1/2"
3260	Knee 90°	2"



## Knee 90° Inner/outer thread

Brand		Guidi
Material		Bronze
Item no.	Description	Thread (inch B.S.P.)
386124	Knee 90°	1"
386125	Knee 90°	1 1/4"
386126	Knee 90°	1 1/2"
386127	Knee 90°	2"
386128	Knee 90°	2 1/2"



## Knee 90° Inner/outer thread

Brand		Guidi
Material		Anodized aluminum
Item no.	Description	Thread (inch B.S.P.)
300921	Knee 90°	1 1/4"
300922	Knee 90°	1 1/2"
300923	Knee 90°	2"







## Knee 45° Internal thread

**Brand** Guidi  
**Material** Brass

Item no.	Description	Thread (inch B.S.P.)
315001	Knee 45°	3/8"
315002	Knee 45°	1/2"
315003	Knee 45°	3/4"
315004	Knee 45°	1"
315005	Knee 45°	1 1/4"
315006	Knee 45°	1 1/2"
315007	Knee 45°	2"



## Guidi thru-hull aluminium

**Material** Anodized aluminum

Item no.	Description
310050	Guidi thru-hull connection aluminium 1"x85mm
310051	Guidi thru-hull connection aluminium 1 1/4"x91mm
310052	Guidi thru-hull connection aluminium 1 1/2"x96mm
310053	Guidi thru-hull connection aluminium 2"x107mm
310055	Guidi thru-hull connection aluminium 2 1/2"x128mm
310056	Guidi thru-hull connection aluminium 3"x158mm
310057	Guidi thru-hull connection aluminium 4"x209mm



## Guidi Thru-hull Bronze

**Material** Bronze

Item no.	Description
386092	Guidi thru-hull connection short bronze 1/2"x65mm
386093	Guidi thru-hull connection bronze 3/4"x70mm
386094	Guidi thru-hull connection bronze 1"x80mm
386095	Guidi thru-hull connection bronze 1 1/4"x85mm
386096	Guidi thru-hull connection bronze 1 1/2"x90mm
386097	Guidi thru-hull connection bronze 2"x100mm
386104	Guidi thru-hull connection bronze 1"x200mm
386105	Guidi thru-hull connection bronze 1 1/4"x200mm
386106	Guidi thru-hull connection bronze 1 1/2"x200mm
386107	Guidi thru-hull connection 2"x200mm
386108	Guidi thru-hull connection 2 1/2"x200mm

## Hollex Thru-hull stainless steel

Brand	Hollex
Item no.	Description
387092	Hollex bulkhead fitting AISI316 1/2"x60mm
387094	Hollex bulkhead fitting AISI316 1"x72mm
387097	Hollex bulkhead fitting AISI316 2"x95mm



## Guidi Thru-hull with hose grommet

Material	Brass
Item no.	Description
3136	Guidi thru-hull connection with hose connector 3/8"x15x..mm
3120	Guidi thru-hull connection with hose connector 1/2"x60x18mm
3137	Guidi thru-hull connection with hose connector 3/4"x64x24mm
3138	Guidi thru-hull connection with hose connector 1"x80x30mm
3139	Guidi thru-hull connection with hose connector 1 1/4"x80x39mm
3148	Guidi thru-hull connection with hose connector 1 1/2"x90x45mm
3149	Guidi thru-hull connection with hose connector 2"x100x57mm
3150	Guidi thru-hull connection with hose connector 2 1/2"x121x72mm
3159	Guidi thru-hull connection with hose connector 3"x150mm



## Guidi Thru-hull Brass

Material	Brass
Item no.	Description
311040	Guidi thru-hull connection 1"x80 recessed intake
311042	Guidi thru-hull connection 1 1/2"x90 recessed intake
311180	Guidi thru-hull connection 3/8"x..mm
3180	Guidi thru-hull connection 1/2"x60mm
3181	Guidi thru-hull connection 3/4"x65mm
3182	Guidi thru-hull connection 1"x80mm
3183	Guidi thru-hull connection 1 1/4"x80mm
3184	Guidi thru-hull connection 1 1/2"x90mm
3185	Guidi thru-hull connection 2"x101mm
3186	Guidi thru-hull connection 2 1/2"x121mm
3187	Guidi thru-hull connection 3"x150mm
311188	Guidi thru-hull connection 4"x200mm





## Guidi Thru-hull Chrome plated

Material	Chrome-Plated Brass
Item no.	Description
311137	Guidi thru-hull connection 3/8"x53 chromium plated
311138	Guidi thru-hull connection 1/2"x60 chromium plated
311139	Guidi thru-hull connection 3/4"x65 chromium plated
311140	Guidi thru-hull connection 1"x80 chromium plated
311141	Guidi thru-hull connection 1 1/4"x80 chromium plated
311142	Guidi thru-hull connection 1 1/2"x90 chromium plated



## Nipple

Brand	Guidi
Material	Anodized aluminum
Item no.	Description
302801	Guidi barrel nipple aluminium 1 1/4"
302802	Guidi barrel nipple aluminium 1 1/2"
302803	Guidi barrel nipple aluminium 2"



## Nipple

Brand	Guidi
Material	Bronze
Item no.	Description
386051	Guidi barrel nipple bronze 3/8"
386052	Guidi barrel nipple bronze 1/2"
386053	Guidi barrel nipple bronze 3/4"
386054	Guidi barrel nipple bronze 1"
386055	Guidi barrel nipple bronze 1 1/4"
386056	Guidi barrel nipple bronze 1 1/2"
386057	Guidi barrel nipple bronze 2"
386058	Guidi barrel nipple bronze 2 1/2"
386138	Guidi elbow fitting bronze 2 1/2" female-male

## Threaded nipple

**Brand** Guidi  
**Material** Bronze

Item no.	Description	Thread (inch B.S.P.)
3280	Barrel Nipple	1/8"



## Nipple

**Brand** Guidi  
**Material** Brass

Item no.	Description
0280100001	Guidi barrel nipple 1/8"
3271	Guidi barrel nipple 1/4"
3272	Guidi barrel nipple 3/8"
3273	Guidi barrel nipple 1/2"
3274	Guidi barrel nipple 3/4"
3275	Guidi barrel nipple 1"
3276	Guidi barrel nipple 1 1/4"
3277	Guidi barrel nipple 1 1/2"
3278	Guidi barrel nipple 2"
3279	Guidi barrel nipple 2 1/2"



## Nipple

**Brand** Guidi  
**Material** Stainless steel (AISI 316)

Item no.	Description
387054	Guidi barrel nipple AISI316 1"





### Hollex bleed nipple Angled Chrome-plated Brass

**Brand** Hollex  
**Material** Chrome-Plated Brass

Item no.	Description
314205	Hollex bleed nipple AISI A4 angled $\varnothing$ 16



### Guidi Bleed nipple Chrome-plated Brass Straight

**Brand** Guidi  
**Material** Chrome-Plated Brass

Item no.	Description
314208	Guidi vent straight for hose $\varnothing$ 16mm
314209	Guidi vent straight for hose $\varnothing$ 20mm



### Hollex bleed nipple Straight Chrome-plated Brass

**Brand** Hollex  
**Material** Chrome-Plated Brass

Item no.	Description
314211	Hollex bleed nipple AISI straight for hose $\varnothing$ 16



### Guidi Bleed nipple Chrome-plated Brass Straight

**Brand** Guidi  
**Material** Chrome-Plated Brass

Item no.	Description
314802	Guidi bleed nipple 16mm
314803	Guidi bleed nipple 20mm

## Air vent

**Brand** Guidi  
**Material** Chrome-Plated Brass

Item no.	Description
314212	Guidi air vent 1/2" chromium plated brass
314213	Guidi air vent 3/4" chromium plated brass
314214	Guidi air vent 1" chromium plated brass
314215	Guidi air vent 1 1/4" chromium plated brass
314216	Guidi air vent 1 1/2" chromium plated brass
314217	Guidi air vent 2" chromium plated brass



## Air vent

**Brand** Ripca  
**Material** Brass

Item no.	Description	Thread (inch B.S.P.)
TU6531115	Air vent	1/4"



## Vented loop

**Brand** Guidi  
**Material** Brass

Item no.	Description
314902	Guidi air vent 1/2"





### Spring loaded check valve

**Brand** Guidi  
**Material** Brass

Item no.	Description
3239	Guidi spring check valve 3/8"
3240	Guidi spring check valve 1/2"
3265	Guidi spring check valve 3/4"
3266	Guidi spring check valve 1"
3267	Guidi spring check valve 1 1/4"
3268	Guidi spring check valve 1 1/2"
3269	Guidi spring check valve 2"
3270	Guidi spring check valve 2 1/2"



### Hose connector M Brass

**Material** Brass

Item no.	Description
3161.NPT	Guidi hose connector 1/4"NPTx8mm



### Hose connector M Brass

**Brand** Guidi  
**Material** Brass

Item no.	Description
1004100101	Guidi straight hose connector 1/8"x6mm
315100	Guidi hose connector 1/8"x8mm
3131	Guidi hose connector 3/8"x10mm
3152	Guidi hose connector 3/8"x13mm
1004100117	Guidi straight hose connector 3/8"x14mm
1004100115	Guidi straight hose connector 3/8"x15mm
1004100119	Guidi straight hose connector 3/8"x16mm
3151	Guidi hose connector 1/4"x10mm
1004100109	Guidi straight hose connector 1/4"x12mm
1004100110	Guidi straight hose connector 1/4"x13mm
3161	Guidi hose connector 1/4"x8mm
3121	Guidi hose connector 1/2"x13mm

Item no.	Description
1004100125	Guidi straight hose connector 1/2"x14mm
314200	Guidi hose connector 1/2"x16mm
1004100128	Guidi straight hose connector 1/2"x18mm
3153	Guidi hose connector 1/2"x20mm
3126	Guidi hose connector 3/4"x13mm
1004100135	Guidi straight hose connector 3/4"x13mm
1004100137	Guidi straight hose connector 3/4"x16mm
1004100139	Guidi straight hose connector 3/4"x18mm
3122	Guidi hose connector 3/4"x20mm
1004100141	Guidi straight hose connector 3/4"x22mm
3154	Guidi hose connector 3/4"x25mm
3123	Guidi hose connector 1"x25mm
1004100151	Guidi straight hose connector 1"x28mm
1004100152	Guidi straight hose connector 1"x30mm
3155	Guidi hose connector 1"x32mm
3124	Guidi hose connector 1 1/4"x32mm
1004100158	Guidi straight hose connector 1 1/4"x35mm
3156	Guidi hose connector 1 1/4"x38mm
1004100161	Guidi straight hose connector 1 1/4"x40mm
3128	Guidi hose connector 1 1/4"x45mm
3125	Guidi hose connector 1 1/2"x38mm
3127	Guidi hose connector 1 1/2"x45mm
3164	Guidi full flow hose tail connector 1 1/2"x50mm
3163	Guidi hose connector 2"x45mm
3165	Guidi hose connector 2"x51mm
3167	Guidi hose connector 2 1/2"x63mm
3168	Guidi hose connector 3"x76mm
310681	Guidi hose connector 4"x100mm





## Hose connector M Bronze

**Brand**  
**Material**

**Guidi**  
**Bronze**

Item no.	Description
386009	Guidi hose connector bronze 3/8"x10mm
386019	Guidi hose connector bronze 1 1/2"x45mm
386018	Guidi hose connector bronze 1 1/4"x38mm
386017	Guidi hose connector bronze 2"x 50mm
3860169	Guidi hose connector bronze 1 1/2"x50mm
386016	Guidi hose connector bronze 1 1/2"x40mm
3860159	Guidi hose connector bronze 1 1/2"x 38mm
386015	Guidi hose connector bronze 1 1/4"x32mm
3860140	Guidi hose connector bronze 1"x 32mm
386014	Guidi hose connector bronze 1"x 30mm
3860130	Guidi hose connector bronze 1"x25mm
386013	Guidi hose connector bronze 3/4"x25mm
386012	Guidi hose connector bronze 1/2"x14mm
386011	Guidi hose connector bronze 3/4"x20mm
3860100	Guidi hose connector bronze 1/2"x20mm
386010	Guidi hose connector bronze 1/2"x16mm
386021	Guidi hose connector bronze 1"x20mm
3860219	Guidi hose connector bronze 2 1/2"x63mm



## Hose connector M Aluminum

**Brand**  
**Material**

**Guidi**  
**Anodized aluminum**

Item no.	Description
310041	Guidi hose connector aluminium 1 1/4"x38mm
310042	Guidi hose connector aluminium 1 1/2"x50mm
310043	Guidi hose connector aluminium 2"x50mm
310044	Guidi hose connector aluminium 2"x60mm
310045	Guidi hose connector aluminium 2 1/2"x60mm
310046	Guidi hose connector aluminium 3"x76mm
310047	Guidi hose connector aluminium 4"x100mm

## Hose connector F Nickel-plated Brass

**Brand** Guidi  
**Material** Nickel-Plated Brass

Item no.	Description
315101	Guidi hose connector 1/4"x12mm Nickel



## Hose connector F stainless steel 316

**Material** Stainless steel (AISI 316)

Item no.	Description
387014	Guidi hose connector AISI316 1"x 30mm
3871100	Guidi hose connector AISI316 1/2"x20mm



## Hose connector F Brass

**Material** Brass

Item no.	Description
314000	Guidi hose connector 1/4"x8mm female thread
314001	Guidi hose connector 1/4"x10mm female thread
314003	Guidi hose connector 3/8"x14mm female thread
314005	Guidi hose connector 1/2"x15mm female thread
314007	Guidi hose connector 3/4"x20mm female thread
314008	Guidi hose connector 3/4"x25mm female thread
314009	Guidi hose connector 1"x25mm female thread
314011	Guidi hose connector 1 1/4"x35mm female thread
314013	Guidi hose connector 1 1/2"x40mm female thread
314016	Guidi hose connector 2"x50mm female thread
314017	Guidi hose connector 2 1/2"x70 female thread
314018	Guidi hose connector 3/4"x25 female thread





## Equal Socket bronze

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386031	Guidi socket bronze 3/8"
386032	Guidi socket bronze 1/2"
386033	Guidi socket bronze 3/4"
386034	Guidi socket bronze 1"
386035	Guidi socket bronze 1 1/4"
386036	Guidi socket bronze 1 1/2"
386037	Guidi socket bronze 2"



## Socket Brass

**Brand** Guidi  
**Material** Brass

Item no.	Description
323018	Guidi socket 1/8"
3231	Guidi socket 1/4"
3232	Guidi socket 3/8"
3233	Guidi socket 1/2"
3234	Guidi socket 3/4"
3235	Guidi socket 1"
3236	Guidi socket 1 1/4"
3237	Guidi socket 1 1/2"
3238	Guidi socket 2"



## F-F-F T-piece

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386071	Guidi T-piece bronze 3/8"
386072	Guidi T-piece bronze 1/2"
386073	Guidi T-piece bronze 3/4"
386074	Guidi T-piece bronze 1"
386075	Guidi T-piece bronze 1 1/4"
386076	Guidi T-piece bronze 1 1/2"
386077	Guidi T-piece bronze 2"
386078	Guidi T-piece bronze 2 1/2"

## F-F-F T-piece

**Brand**  
**Material**

**Guidi**  
**Brass**

Item no.	Description
3210	Guidi T-piece 1/8"
3211	Guidi T-piece 1/4"
3212	Guidi T-piece 3/8"
3213	Guidi T-piece 1/2"
3214	Guidi T-piece 3/4"
3215	Guidi T-piece 1"
3216	Guidi T-piece 1 1/4"
3217	Guidi T-piece 1 1/2"
3218	Guidi T-piece 2"
3219	Guidi T-piece 2 1/2"
310219	Guidi T-piece 3"



## Threaded end

**Brand**  
**Material**

**Guidi**  
**Brass**

**Product lengte (mm)**

**1000**

Item no.	Description
315021	Guidi threaded bar 3/8"x11x1000mm brass
315022	Guidi threaded bar 1/2"x15x1000mm brass
315023	Guidi threaded bar 3/4"x19x1000mm brass
315024	Guidi threaded bar 1"x25x1000mm brass
315025	Guidi threaded bar 1 1/4"x34x1000mm brass



## Barrel Nipple M

**Brand**  
**Material**

**Guidi**  
**Brass**

Item no.	Description
315203	Guidi barrel nipple 1/2"x1/2"x60mm male-male
315303	Guidi barrel nipple 3/4"x3/4"x60mm male-male
315403	Guidi barrel nipple 1"x1"x60mm male-male





## Reducing Nipple

Material	Brass
Item no.	Description
3282	Guidi reducing nipple 3/8"x1/4"
3283	Guidi reducing nipple 1/2"x3/8"



## Reducing nipple M-M

Brand	Guidi
Material	Brass
Item no.	Description
310302	Guidi reducing nipple 1/4"x1/8" male-male
310303	Guidi reducing nipple 3/8"x1/4" male-male
310304	Guidi reducing nipple 1/2"x3/8" male-male
310305	Guidi reducing nipple 3/4"x1/2" male-male
310306	Guidi reducing nipple 1"x3/4" male-male
310307	Guidi reducing nipple 1 1/4"x1" male-male
310308	Guidi reducing nipple 1 1/2"x1 1/4" male-male
310309	Guidi reducing nipple 2"x1 1/2" male-male



## Reducing Bushing M-F

Brand	Guidi
Material	Bronze
Item no.	Description
386062	Guidi reducer bronze 1/2"x3/8" female-male
386063	Guidi reducer bronze 3/4"x1/2" male-female
386064	Guidi reducer bronze 1"x3/4" female-male
386065	Guidi reducer bronze 1 1/4"x1" female-male
386066	Guidi reducer bronze 1 1/2"x1 1/4" female-male
386067	Guidi reducer bronze 2"x1 1/2" female-male

## Reducing Bushing M-F

**Brand** Guidi  
**Material** Brass

Item no.	Description
0241100207	Guidi reducer 1/2"x1/8"
3247	Guidi reducer 2"x1 1/2"
3246	Guidi reducer 1 1/2"x1 1/4"
3245	Guidi reducer 1 1/4"x1"
3244	Guidi reducer 1"x3/4"
3243	Guidi reducer 3/4"x1/2"
3242	Guidi reducer 1/2"x3/8"
3241	Guidi reducer 3/8"x1/4"
30201503	Guidi reducer 1"x1/2"
0241100251	Guidi reducer 1"x1/4"
0241100241	Guidi reducer 3/4"x1/8"
0241100240	Guidi reducer 1 1/2"x1/2"
0241100218	Guidi reducer 1 1/2"x1"
0241100216	Guidi reducer 1 1/4"x1/2"
0241100215	Guidi reducer 1 1/4"x3/4"
0241100213	Guidi reducer 1"x3/8"
0241100210	Guidi reducer 3/4"x1/4"
0241100209	Guidi reducer 3/4"x3/8"
3248	Guidi reducer 2 1/2"x2"
3261	Guidi reducer 1 1/2"x3/4"



## Guidi Reducing Socket F-F

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386022	Guidi reducing socket 1/2"x3/8" female-female
386023	Guidi reducing socket 3/4"x1/2" female-female
386024	Guidi reducing socket 1"x3/4" female-female
386025	Guidi reducing socket 1 1/4"x1" female-female
386026	Guidi reducing socket 1 1/2"x1 1/4" female-female
386027	Guidi reducing socket 2"x1 1/2" female-female





## Guidi Reducing Socket F-F

**Brand**

**Guidi**

**Material**

**Brass**

Item no.	Description
0240100201	Guidi reducing socket 1/4"x1/8"
0240100203	Guidi reducing socket 3/8"x1/8"
0240100206	Guidi reducing socket 1/2"x1/4"
324002	Guidi reducing socket 1/2"x3/8"
324003	Guidi reducing socket 3/4"x1/2"
324004	Guidi reducing socket 1"x3/4"
324005	Guidi reducing socket 1 1/4"x1"
324006	Guidi reducing socket 1 1/2"x1 1/4"
324007	Guidi reducing socket 2"x1 1/2"



## Guidi Ring Brass

**Brand**

**Guidi**

**Material**

**Brass**

Item no.	Description
3100.109	Guidi brass ring 1/4"
3100.110	Guidi brass ring 3/8"
3100.111	Guidi brass ring 1/2"
3100.112	Guidi brass ring 3/4"
3100.113	Guidi brass ring 1"
3100.114	Guidi brass ring 1 1/4"
3100.115	Guidi brass ring 1 1/2"
3100.116	Guidi brass ring 2"



## Flange nuts

**Material**

**Brass**

Item no.	Description
324011	Guidi flanged lock nut 3/8"
324012	Guidi flanged lock nut 1/2"
324013	Guidi flanged lock nut 3/4"
324014	Guidi flanged lock nut 1"
324015	Guidi flanged lock nut 1 1/4"
324016	Guidi flanged lock nut 1 1/2"
324017	Guidi flanged lock nut 2"

## Nuts

**Brand** Guidi  
**Material** Brass

Item no.	Description
3100.101	Guidi brass nut 1/2"
3100.102	Guidi brass nut 3/4"
3100.103	Guidi brass nut 1"
3100.104	Guidi brass nut 1 1/4"
3100.105	Guidi brass nut 1 1/2"
3100.106	Guidi brass nut 2"



## Nuts

**Brand** Guidi  
**Material** Brass

Item no.	Description
3281	Guidi nut 1/8" brass
315012	Guidi nut 1/2" brass
315013	Guidi nut 3/4" brass
315014	Guidi nut 1" brass
315015	Guidi nut 1 1/4" brass



## Water scoop

**Brand** Guidi  
**Material** Bronze

Item no.	Description
319621	Guidi slotted inlet strainer bronze 1"
319622	Guidi slotted inlet strainer bronze 1 1/4"
319623	Guidi slotted Inlet strainer bronze 1 1/2"
319624	Guidi slotted inlet strainer bronze 2"
319625	Guidi slotted inlet strainer bronze 2 1/2"



## Water scoop

**Brand** Hollex  
**Material** Stainless steel (AISI 316)

Item no.	Description
387082	Hollex water scoop AISI316 1/2"
387083	Hollex water scoop AISI316 3/4"
387084	Hollex water scoop AISI316 1"







## Water scoop

**Brand**

**Guidi**

**Material**

**Brass**

Item no.	Description
3190	Guidi slotted inlet strainer 1/2"x80mm
3191	Guidi slotted inlet strainer 3/4"x80mm
3192	Guidi slotted inlet strainer 1"x81mm
3193	Guidi slotted inlet strainer 1 1/4"x90mm
3194	Guidi slotted inlet strainer 1 1/2"x98mm
3195	Guidi slotted inlet strainer 2"x110mm
3196	Guidi slotted inlet strainer 2 1/2"x128mm
3197	Guidi slotted inlet strainer 3"x150mm
311198	Guidi slotted inlet strainer 4"x200mm



## Scooped Strainer

**Brand**

**Guidi**

**Material**

**Brass**

Item no.	Description
311201	Guidi scooped strainer ø60mm
311202	Guidi scooped strainer ø80mm
311203	Guidi scooped strainer ø100mm
311204	Guidi scooped strainer ø120mm
311205	Guidi scooped strainer ø150mm



## Strainer

**Brand**

**Guidi**

**Material**

**Brass**

Item no.	Description
3187.01	Guidi scooped strainer for intake strainer 3"

## Deck Filler with Slot

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386144	Guidi filler cap bronze 1" with slot
386145	Guidi filler cap bronze 1 1/4" with slot



## Deck Filler with Holes

**Brand** Guidi  
**Material** Bronze

Item no.	Description
386146	Guidi filler cap bronze 1 1/2" with 2 holes
386147	Guidi filler cap bronze 2" with 2 holes
386148	Guidi filler cap bronze 2 1/2" with 2 holes
386149	Guidi filler cap bronze 3" with 2 holes
386150	Guidi filler cap bronze 3 1/2" with 2 holes



## Key for Deck Fillers

**Brand** Guidi

Item no.	Description	Material
311015	Guidi key for opening filler cap	Synthetic
386142	Guidi key for filler cap with 2 holes 1 1/2"-2"	Steel
386143	Guidi key for filler cap with 2 holes 2 1/2"-3"-3 1/2"	Steel



# Horns





## Hollex Single horn

These electric boat horns are made of stainless steel 304 and available in 12V and 24V. The sound range is 120 dB. The pitch of the single boat horn is 340 Hz; for the double horn, it is 340 / 390 Hz. The power consumption of the boat horns is approximately 3A - 4A per horn.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 304)</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Noise level at 1 mtr</b>	<b>126</b>

Item no.	Voltage (V)	Length (mm)	Ampere (A)
021033	12	410	3.7 / 3.9
021035	24	410	2 / 2.2



## Hollex built-in horn

These electric flush-mounted boat horns are available in 12V. The sound range is 112 dB, with a pitch of 405 Hz. The power consumption of the boat horn is approximately 4.5A.

<b>Brand</b>	<b>Hollex</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Noise level at 1 mtr</b>	<b>112</b>

Item no.	Voltage (V)	Length (mm)	Color	Ampere (A)
021324	12	141	White	4.5
021325	12	141	Stainless steel	4.5



## Hollex Double horn

These electric boat horns are made of stainless steel 304 and available in 12V and 24V. The sound range is 120 dB. The pitch of the single boat horn is 340 Hz; for the double horn, it is 340 / 390 Hz. The power consumption of the boat horns is approximately 3A - 4A per horn.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 304)</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Noise level at 1 mtr</b>	<b>126</b>

Item no.	Voltage (V)	Length (mm)	Ampere (A)
021034	12	470	7 / 7.4
021036	24	470	4 / 4.3

## Hollex Mini Horn

These small boat horns feature a fully enclosed sound unit. The cover, diaphragm, and mounting bracket are made of stainless steel 304. The sound range of the Mini Compact is 106 dB, and of the Mini Twin is 109 dB. The pitch of the Compact is 440 Hz, and for the Twin, it is 440 / 490 Hz. The sound range of the Mini Blast Compact is 106 dB, and the pitch is 440 Hz. It has a corrosion-resistant horn with a white plastic cover. The power consumption of the boat horn is 3A per horn.



<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 304)</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Noise level at 1 mtr</b>	<b>106</b>

Item no.	Voltage (V)	Length (mm)	Ampere (A)
021211	12	76	3

## Hollex air horn stainless steel 316

Stainless steel 316 air horns with matching compressor for heavy duty sound. Supplied complete with hose connector, flexible hose (one metre), gasket and extra support for the horn. Please order a compressor separately. The compressors come complete with relay and all necessary fittings.



<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>
<b>Noise level at 1 mtr</b>	<b>120</b>

Item no.	Length (mm)	Frequency( Hz.)
021528	528	180



## Kahlenberg Air Horn Type S-0A

Kahlenberg air horns are made of brass and cast bronze. We offer you the "Zero series" with a high-quality chrome finish. Naturally, the horns comply with IMO requirements for frequency and decibel levels. The required compressor must be ordered separately. It is possible to operate your air horn system manually or electrically.



<b>Brand</b>	<b>Kahlenberg</b>
<b>Material</b>	<b>Chrome-Plated Brass</b>
<b>Noise level at 1 mtr</b>	<b>122,9</b>

Item no.	Length (mm)	Frequency( Hz.)	Color
021101	405	322	Chrome
021102	405	322	White
021103	405	322	





## Kahlenberg Air Horn Type D-330

Kahlenberg air horns are made of brass and cast bronze. We offer you the "330 series" with a high-quality chrome finish. Of course, the horns meet the IMO requirements for frequency and decibel level. The required compressor must be ordered separately. It is possible to operate your air horn system manually or electrically.

<b>Brand</b>	<b>Kahlenberg</b>
<b>Material</b>	<b>Chrome-Plated Brass</b>
<b>Noise level at 1 mtr</b>	<b>133</b>

Item no.	Length (mm)	Frequency( Hz.)	Color
021202	549	322 / 254	White
021321	563	330 / 280	Chrome
021322	563	330 / 280	White



## Kahlenberg Air Horn Type S-330

Kahlenberg air horns are made of brass and cast bronze. We offer you the "330 series" with a high-quality chrome finish. Of course, the horns meet the IMO requirements for frequency and decibel level. The required compressor must be ordered separately. It is possible to operate your air horn system manually or electrically.

<b>Brand</b>	<b>Kahlenberg</b>
<b>Material</b>	<b>Chrome-Plated Brass</b>
<b>Noise level at 1 mtr</b>	<b>132</b>

Item no.	Length (mm)	Frequency( Hz.)	Color
021311	433	330	Chrome
021312	433	330	White
021313	433	330	Brass



## Kahlenberg Air horn type T-0A

Kahlenberg air horns are made of brass and cast bronze. We offer you the "Zero series" with a high-quality chrome finish. Of course, the horns meet the IMO requirements for frequency and decibel level. The required compressor must be ordered separately. It is possible to operate your air horn system manually or electrically.

<b>Brand</b>	<b>Kahlenberg</b>
<b>Material</b>	<b>Chrome-Plated Brass</b>
<b>Noise level at 1 mtr</b>	<b>131.2</b>

Item no.	Length (mm)	Frequency( Hz.)	Color
021302	549	322 / 295 / 254	White

## Kahlenberg Air horn type D-0A

Kahlenberg air horns are made of brass and cast bronze. We offer you the "Zero series" with a high-quality chrome finish. Of course, the horns meet the IMO requirements for frequency and decibel level. The required compressor must be ordered separately. It is possible to operate your air horn system manually or electrically.



<b>Brand</b>	<b>Kahlenberg</b>
<b>Material</b>	<b>Chrome-Plated Brass</b>
<b>Noise level at 1 mtr</b>	<b>133</b>

Item no.	Length (mm)	Frequency( Hz.)	Color
021201	549	322 / 254	Chrome

## Hollex Compressor HD

The compressor comes complete with a relay and mounting hardware. Compressor type HD is also suitable for hoses longer than two meters.



<b>Brand</b>	<b>Hollex</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>

Item no.	Voltage (V)	Ampere (A)	Working pressure (bar)
021031	12	18	10
021032	24	9	10

## Kahlenberg Compressor 330

The compressor you need for your Kahlenberg horn comes in a comprehensive set. The compressor kit includes:

- 12V or 24V compressor
- 1 compressor tank
- 1 pressure switch
- 1 relief valve
- 1 hose connection 1/4" T x 5/16"
- 1 nipple 1/4" NPT
- 1 hose connection 1/4" T x 5/16"
- 1 pressure valve 130/100 psi
- 1 hose connection 1/4" PT x 1/4"
- 1 tee 1/8" NPT
- 1 hose connection 1/4" PT x 1/4"
- 4.5 meters of hose 5/16 OD.

Maximum pressure: 150 psi / 10.31 bar

Sound level: 69 dB at 1 meter

Output: 26 liters per minute



<b>Brand</b>	<b>Kahlenberg</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>

Item no.	Voltage (V)	Ampere (A)	Working pressure (bar)
021825	24	14	10.31
021826	12	20	10.31



## Kahlenberg Compressor Zero

The compressor you need for your Kahlenberg horn comes in a very comprehensive set. The compressor kit includes:

- 12V or 24V compressor
- 1 compressor tank
- 1 pressure switch
- 1 relief valve
- 1 hose connection 1/4" NPT x 5/16"
- 1 nipple 1/8" NPT
- 1 hose connection 1/8" NPT x 5/16"
- 1 pressure valve 130/100 PSI
- 1 hose connection 1/8" NPT x 1/4"
- 1 tee 1/8" NPT
- 1 hose connection 1/4" NPT x 1/4"
- 4.5 meters of hose 5/16" O.D.

**Brand** Kahlenberg

**Voltage type (VAC / VDC)** VDC

Item no.	Voltage (V)	Ampere (A)
021412	12	21
021424	24	12



## Compressor With Relay

The compressor comes complete with relay and mounting hardware. Compressor type HD is also suitable for hoses longer than two meters. These ship horns emit a very robust sound that certainly enhances the safety of all involved.

**Brand** Hollex

**Voltage type (VAC / VDC)** VDC

Item no.	Voltage (V)	Ampere (A)
021594	12	17
021596	24	8



## Kahlenberg Hose Tulle

Item no.	Description
051604	Kahlenberg hose connector 1/8" NPT x 1/4" hose



## Kahlenberg solenoid valves

Original Kahlenberg valves for seamless connection to your air horn.

Item no.	Description
021612	Kahlenberg solenoid valve kit 12V for airhorn
021624	Kahlenberg solenoid valve kit 24 V for airhorn
021625	Kahlenberg solenoid Valve Kit V-149-K 12V for D-330
021626	Kahlenberg solenoid Valve Kit V-149-K 24V for D-330
021627	Kahlenberg solenoid Valve Kit V-170-K 12V for K-460



## Kahlenberg Manual Valve

Original Kahlenberg manual valve.

Item no.	Description
021600	Kahlenberg valve manual operated

# Hydrophores





## Hydrophore Type 24

Complete hydrophore installation with a 24-liter pressure vessel and brass fittings. The pressure vessel is equipped with a replaceable rubber bellows. The flange is made of stainless steel 316.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Metal</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Product content (l)</b>	<b>24</b>
<b>Color</b>	<b>Blue</b>

Item no.	Voltage (V)	Ampere (A)	Capacity (l/min.)
331052	12	10	15
331053	24	10	15



## Hydrophore Type 8

Complete hydrophore installation with an 8-liter pressure vessel, brass fittings, pump, and built-in pressure sensor. The pressure vessel is equipped with a replaceable rubber bellows and a galvanized flange. The brackets are made of stainless steel 316.

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Metal</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Product content (l)</b>	<b>8</b>
<b>Color</b>	<b>Red</b>

Item no.	Voltage (V)	Ampere (A)	Capacity (l/min.)
331050	12	8	11
331051	24	8	11



## Pressure tanks

Item no.	Description
337008	Hollex accumulator tank 8ltr AISI flange
337024	Hollex accumulator tank 24ltr AISI flange



## Hollex Bellows

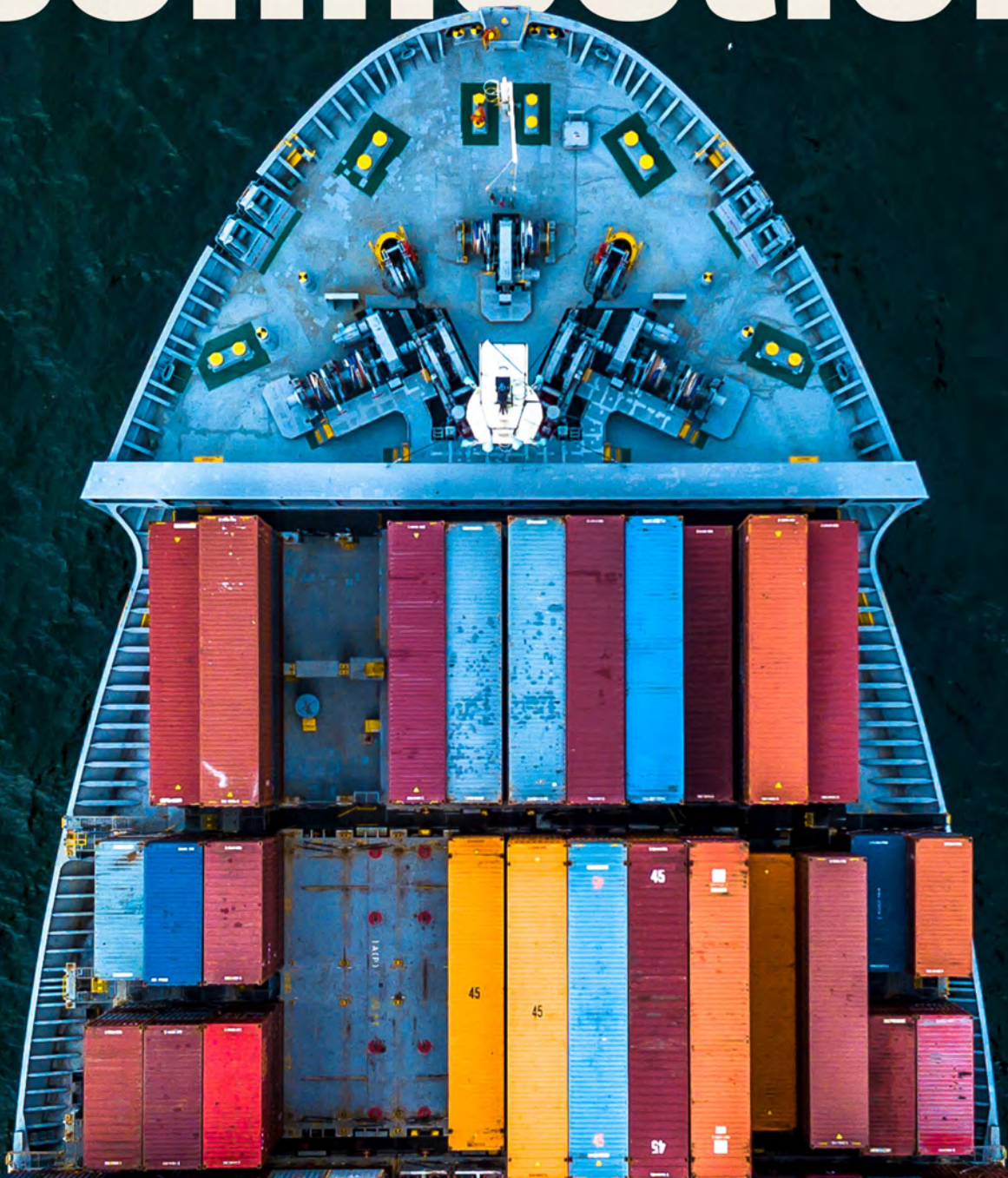
Item no.	Description
337009	Hollex rubber bellow 8ltr
337025	Hollex rubber bellow 24ltr

## Hollex Bracket for Pressure Tank

Item no.	Description
337021	Hollex set of brackets for pressure tank 8ltr



# Installation and connection





## Cablemaster™ & Hosemaster™

Shore power cable handling & storage systems.  
Retractable hose reels.



[www.glendinningprods.com](http://www.glendinningprods.com)



## Hollex connection studs

These insulated connection studs are ideal for use as coupling points/distribution points. The cover caps are available in red and black.

Item no.	Description
HSE6R	Hollex connection stud single M6 red
HSE6Z	Hollex connection stud single M6 black

## Ripca Clamp Cover



Item no.	Description
212N1V14	Ripca battery clamp cover 0,5-35mm <sup>2</sup> black cable eyelet ø12mm
457N3V14	Ripca battery clamp cover 35-70 mm <sup>2</sup> black
457N3V02	Ripca battery clamp cover 35-70 mm <sup>2</sup> red
457N2V14	Ripca battery clamp cover 10-35 mm <sup>2</sup> black
457N2V02	Ripca battery clamp cover 10-35 mm <sup>2</sup> red
454R9V02	Ripca battery clamp cover 50 mm <sup>2</sup> red
453L9V14	Ripca battery clamp cover 50 mm <sup>2</sup> black
451N9V14	Ripca battery clamp cover 70-105mm <sup>2</sup> black
RS314N	Ripca battery clamp cover 10-70mm <sup>2</sup> black
451N9V02	Ripca battery clamp cover 70-105 mm <sup>2</sup> red
218N2V02	Ripca battery clamp cover 10-35mm <sup>2</sup> red cable eyelet ø18mm
216N2V14	Ripca battery clamp cover 10-35mm <sup>2</sup> black cable eyelet ø16mm
216N2V02	Ripca battery clamp cover 10-35mm <sup>2</sup> red cable eyelet ø16mm
214N2V14	Ripca battery clamp cover 10-35mm <sup>2</sup> black cable eyelet ø14mm
214N2V02	Ripca battery clamp cover 10-35mm <sup>2</sup> red cable eyelet ø14mm
212N2V14	Ripca battery clamp cover 10-35mm <sup>2</sup> black cable eyelet ø12mm
212N2V02	Ripca battery clamp cover 10-35mm <sup>2</sup> red cable eyelet ø12mm
218N2V14	Ripca battery clamp cover 10-35mm <sup>2</sup> black cable eyelet ø18mm
RS314P	Ripca battery clamp cover 10-70mm <sup>2</sup> red

## Hollex Battery Terminal Clamp Tinned Brass

Item no.	Description
120103499	# Hollex battery clamp kit tinned brass -M8/+M10
120103500	Hollex battery clamp tinned brass min M8
120103501	Hollex battery clamp tinned brass plus M10



## Hollex Battery Terminal Clamp Lead

Item no.	Description
AKL10100	Hollex battery clamp lead min/plus (Set of 2)



## Ripca Battery Clamp

Item no.	Description
AKB121NHD	Ripca battery clamp bronze cable 16-35mm <sup>2</sup> clamp min
AKB121NHDT	Ripca battery clamp tinned cable 16-35mm <sup>2</sup> clamp min
AKB121PHD	Ripca battery clamp bronze cable 16-35mm <sup>2</sup> clamp plus
AKB121PHDT	Ripca battery clamp tinned cable 16-35mm <sup>2</sup> clamp plus
AKB122N	Ripca battery clamp bronze cable 50-70mm <sup>2</sup> clamp min
AKB122NT	Ripca battery clamp tinned cable 50-70mm <sup>2</sup> clamp min
AKB122P	Ripca battery clamp bronze cable 50-70mm <sup>2</sup> clamp plus
AKB122PT	Ripca battery clamp tinned cable 50-70mm <sup>2</sup> clamp plus
AKB123N	Ripca battery clamp tinned cable 10-95mm <sup>2</sup> bolt M10 min
AKB123PM10	Ripca battery clamp tinned cable 10-95mm <sup>2</sup> bolt M10 plus
AKB162N	Ripca battery clamp bronze cable 10-50mm <sup>2</sup> wing nut M8 min
AKB162P	Ripca battery clamp bronze cable 10-50mm <sup>2</sup> wing nut M10 plus
AKB166P	Ripca battery clamp tinned cable 16-35mm <sup>2</sup> quick connect plus
AKB167N	Ripca battery clamp tinned cable 16-35mm <sup>2</sup> quick connect min
AKB28712K	Ripca battery clamp for block fuse plus







## CEE (Counter) Plug

Item no.	Description	Poles
0228	Ripca plug cee blue 32A	3
0229	Ripca contra plug cee blue 32A	3



## Ripca Superseal Sleeve

Item no.	Description	Poles
MHC23610-1	Ripca superseal sleeve 1.0-2.5mm <sup>2</sup> 1-pole	1
MHC23630-1	Ripca superseal sleeve 1.0-2.5mm <sup>2</sup> 2-pole	2
MHC23650-1	Ripca superseal sleeve 1.0-2.5mm <sup>2</sup> 3-pole	3
MHC23670-1	Ripca superseal sleeve 1.0-2.5mm <sup>2</sup> 4-pole	4
MHC23690-1	Ripca superseal sleeve 1.0-2.5mm <sup>2</sup> 5-pole	5
MHC23710-1	Ripca superseal sleeve 1.0-2.5mm <sup>2</sup> 6-pole	6



## Hollex Socket/Plug ST

Voltage type (VAC / VDC)

VDC

Voltage (V)

12 24

Current ampere (A)

3

Item no.	Description	Poles
020202	Hollex socket/plug 2-pole	2
020203	Hollex socket/plug 3-pole	3
020204	Hollex socket/plug 4-pole	4



## Ripca Superseal Plug

Item no.	Description	Poles
MHC23620-1	Ripca superseal connector 1.0-1.5mm <sup>2</sup> 1-pole	1
MHC23640-1	Ripca superseal connector 1.0-1.5mm <sup>2</sup> 2-pole	2
MHC23660-1	Ripca superseal connector 1.0-1.5mm <sup>2</sup> 3-pole	3
MHC23680-1	Ripca superseal connector 1.0-1.5mm <sup>2</sup> 4-pole	4
MHC23700-1	Ripca superseal connector 1.0-1.5mm <sup>2</sup> 5-pole	5
MHC23720-1	Ripca superseal connector 1.0-1.5mm <sup>2</sup> 6-pole	6

## Hollex socket/plug HD

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Current ampere (A)</b>	<b>7</b>

Item no.	Description	Poles
020222	Hollex socket/plug 2-pole HD	2
020223	Hollex socket/plug 3-pole HD	3
020224	Hollex socket/plug 4-pole HD	4



## Connectors

Item no.	Description
SB175	Ripca SB LIFEPO4 connector 175A grey 50mm <sup>2</sup>



## Hollex Cable entry

Waterproof cable gland brass chrome plated

<b>Brand</b>	<b>Hollex</b>		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Foot Ø (mm)	Height (mm)
020006	6	32	18
020008	8	32	18
020010	10	38	18
020012	12	38	18
020016	16	50	24
020019	19	50	24



## Gooseneck Cable entry

Curved cable glands made of polished stainless steel 316, the 19mm and 27mm are extremely heavy-duty cast versions.

<b>Brand</b>	<b>Hollex</b>	
<b>Material</b>	<b>Stainless steel (AISI 316)</b>	
Item no.	Description	Ø (mm)
501011	Hollex cable entry 49mm AISI316	49
501012	Hollex cable entry 27mm AISI316	27
501013	Hollex cable entry 19mm AISI	19





## Cablemaster CRMA

Your shore power cable is neatly stored with the Cable master. When you need the cable, you simply pull the length of the cable from the reel. If you want to store the cable again, press and hold the button on the Cablemaster. The cable then winds back automatically. Available in 16 or 32 Ampères. Will be supplied with yellow shorepower cable with standard plug.

**Brand** Glendinning

**Voltage type (VAC / VDC)** VDC

Item no.	Description
CRMA16-12-25M	Glendinning CRMA16-12V / EU 25m Yellow Cable 16Amp
CRMA16-24-25M	Glendinning CRMA16-24V / EU 25m Yellow Cable 16Amp
CRMA32-24	Glendinning CRMA32-24V / EU 15m Yellow Cable 32amp

## Cablemaster CM4

This is a unique type of cord reel which can handle a wide variety of portable cable sizes and lengths. The unique design of this product eliminates the need for slip rings. The Cablemaster is motor powered, just push a button to extend and retract your power cable. The Cablemaster will be supplied with transit and motor unit, but without cable and optional safe. The system can be expanded with various assembly sets.

**Brand** Glendinning

**Voltage type (VAC / VDC)** VDC

Item no.	Description
05010	Glendinning CM4-12V cablemaster
05013	Glendinning CM4-24V cablemaster

## Cablemaster CM7

This is a unique type of cord reel which can handle a wide variety of portable cable sizes and lengths. The unique design of this product eliminates the need for slip rings. The Cablemaster is motor powered, just push a button to extend and retract your power cable. The Cablemaster will be supplied with transit and motor unit, but without cable and optional safe. The system can be expanded with various assembly sets.

**Brand** Glendinning

**Voltage type (VAC / VDC)** VDC

Item no.	Description
04002	Glendinning CM-7-24/32V 6/3 (NEW IN-LIMIT)
04004	Glendinning CM-7-12V CM 6/3 (NEW IN-LIMIT)
04005	Glendinning CM-7-24/32V 6/4 (NEW IN-LIMIT)
04020	Glendinning CM-7-12V 6/4 cablemaster
04021	Glendinning CM-7-12V 6/3 cablemaster
04022	Glendinning CM-7-24/32 V 6/4 cablemaster
04023	Glendinning CM-7-24/32V 6/3 cablemaster
04027	Glendinning CM-7-24/32V6/4 power unit only
04028	Glendinning CM-7-12V 6/4 (NEW IN-LIMIT)



## Cablemaster CM8

This is a unique type of cord reel which can handle a wide variety of portable cable sizes and lengths. The unique design of this product eliminates the need for slip rings. The Cablemaster is motor powered, just push a button to extend and retract your power cable. The Cablemaster will be supplied with transit and motor unit, but without cable and optional safe. The system can be expanded with various assembly sets.



**Brand** Glendinning  
**Voltage type (VAC / VDC)** VDC

Item no.	Description
04091	Glendinning CM-8-24VDC 100AMP cablemaster
04096	Glendinning CM-8 rotator assembly

## Cablemaster CM9

This is a unique type of cord reel which can handle a wide variety of portable cable sizes and lengths. The unique design of this product eliminates the need for slip rings. The Cablemaster is motor powered, just push a button to extend and retract your power cable. The Cablemaster will be supplied with transit and motor unit, but without cable and optional safe. The system can be expanded with various assembly sets.



**Brand** Glendinning  
**Voltage type (VAC / VDC)** VDC

Item no.	Description
04097-21-24	Glendinning cablemaster CM9 24V 100A whiteout hawse pipe

## Cablemaster cablesafe

If you have space available where your shore power cable can be stored, you can use one of these Cablemasters. These systems consist of a feed-through and a motor unit. These CableMasters have a unique drive mechanism, allowing the cable to be rolled up and down without any effort. These Cablemasters are supplied with motor and feed-through, but without cable. The system can be expanded with various mounting kits, allowing the motor to be placed a distance from where the cable is stored. Please inquire with our Sales Parts department for more information. If you need larger cable diameters, you can also contact this department.



**Brand** Glendinning

Item no.	Description
04093	Glendinning CM-8 cablemaster hawse pipe
04094	Glendinning CM-8-24V 100AMP W/O hawse pipe

## Glendinning Tanks

**Shape** Round  
**Material** Synthetic

Item no.	Height (mm)	Ø (mm)
85420	457	508
85421	381	558
85424	457	457
85425	558	558





### Shore power cable

Item no.	Description
33668315.100	Ripca shore power cable yellow PU 3x1,5mm <sup>2</sup> reel 100mtr
33668325	Ripca shore power cable yellow PU 3x2,5mm <sup>2</sup> p/mtr
33668325.100	Ripca shore power cable yellow PU 3x2,5mm <sup>2</sup> reel 100mtr
33668325.50	Ripca shore power cable yellow PU 3x2,5mm <sup>2</sup> reel 50mtr

### Single core cable

Item no.	Description
EK1.5BLK	Ripca single-wired cable 1,5mm <sup>2</sup> black per 100mtr
EK1.5BLU	Ripca single-wired cable 1,5mm <sup>2</sup> blue per 50mtr
EK1.5BRN	Ripca single-wired cable 1,5mm <sup>2</sup> brown per 50mtr
EK1.5GRN	Ripca single-wired cable 1,5mm <sup>2</sup> green per 50mtr
EK1.5ORG	Ripca single-wired cable 1,5mm <sup>2</sup> orange per 50mtr
EK1.5RED	Ripca single-wired cable 1,5mm <sup>2</sup> red per 100mtr
EK10BLK	Ripca single-wired cable 10mm <sup>2</sup> black per 25mtr
EK10RED	Ripca single-wired cable 10mm <sup>2</sup> red per 25mtr
EK2.5BLK	Ripca single-wired cable 2,5mm <sup>2</sup> black per 50mtr
EK2.5RED	Ripca single-wired cable 2,5mm <sup>2</sup> red per 50mtr
EK4BLK	Ripca single-wired cable 4mm <sup>2</sup> black per 50mtr
EK4RED	Ripca single-wired cable 4mm <sup>2</sup> red per 50mtr
EK6BLK	Ripca single-wired cable 6mm <sup>2</sup> black per 50mtr
EK6RED	Ripca single-wired cable 6mm <sup>2</sup> red per 50mtr

### Signal cable

Item no.	Description
5X1RND/50	Ripca multicore cable 5x1mm <sup>2</sup> black per 50mtr
MK5X1.5RND	Ripca multicore cable 5x1,5mm <sup>2</sup> black per 25mtr
MK7X1.5RND	Ripca multicore cable 7x1,5mm <sup>2</sup> black per 25mtr
MKPV14C	Ripca multicore cable 14x1mm <sup>2</sup> black per 25mtr



## Shore power cable

Item no.	Description
022325.15	Hollex shore power cordset 15mtr 3x2,5mm <sup>2</sup> CEE plug
022325.25	Hollex shore power cordset 25mtr 3x2,5mm <sup>2</sup> CEE plug



## Battery cable

Item no.	Description
3399925/Z	Ripca battey cable 25" black/roll 50mtr
TK2X4TWIN	Ripca Twin cable 2x4mm <sup>2</sup> red/black 25mtr
TK2X35TWIN	Ripca Twin cable 2x35mm <sup>2</sup> red/black per 25mtr
TK2X25TWIN	Ripca Twin cable 2x25mm <sup>2</sup> red/black per 25mtr
TK2X16TWIN	Ripca Twin cable 2x16mm <sup>2</sup> red/black per 50mtr
TK2X10TWIN	Ripca Twin cable 2x10mm <sup>2</sup> red/black per 50mtr
BK95FLEXRED	Ripca battery cable 95mm <sup>2</sup> red per 25mtr
BK95FLEXBLK	Ripca battery cable 95mm <sup>2</sup> black per 25mtr
BK70FLEXRED	Ripca battery cable 70mm <sup>2</sup> red per 25mtr
BK70FLEXBLK	Ripca battery cable 70mm <sup>2</sup> black per 25mtr
TK2X50TWIN	Ripca Twin cable 2x50mm <sup>2</sup> red/black per 25mtr
BK50FLEXRED	Ripca battery cable 50mm <sup>2</sup> red per 25mtr
BK35FLEXRED	Ripca battery cable 35mm <sup>2</sup> red per 25mtr
BK35FLEXBLK	Ripca battery cable 35mm <sup>2</sup> black per 25mtr
BK25FLEXRED	Ripca battery cable 25mm <sup>2</sup> red per 25mtr
BK25FLEXBLK	Ripca battery cable 25mm <sup>2</sup> black per 25mtr
BK16FLEXRED	Ripca battery cable 16mm <sup>2</sup> red per 50mtr
BK16FLEXBLK	Ripca battery cable 16mm <sup>2</sup> black per 50mtr
BK10FLEXRED	Ripca battery cable 10mm <sup>2</sup> red per 50mtr
BK10FLEXBLK	Ripca battery cable 10mm <sup>2</sup> black per 50mtr
3399935/Z	Ripca acculaskabel 35" black/roll 50mtr
BK50FLEXBLK	Ripca battery cable 50mm <sup>2</sup> black per 25mtr
TK2X6TWIN	Ripca Twin cable 2x6mm <sup>2</sup> red/black per 25mtr



## Multi-core Cable



Item no.	Description
MK2X0.75FLAT	Ripca multicore cable 2x0,75mm <sup>2</sup> black per 50mtr
MK2X1.5FLAT	Ripca multicore cable 2x1,5mm <sup>2</sup> black flat per 100mtr
MK2X2.5FLAT	Ripca multicore cable 2x2,5mm <sup>2</sup> black flat per 100mtr

## AMP - ROUND STITCH Vinyl



High-quality connectors with standard vinyl insulation, as used in many industries.

- Maximum operating voltage: 300V
- Temperature rating: 75°C
- Compliant with UL94V9

Brand		Ripca		
Material		Vinyl		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Version	Packaging quantity
AMP1549BLU-BL	1,5-2,5	Blue	Female	10
AMP1549BLU-DS	1,5-2,5	Blue	Female	50
AMP1550BLU-BL	1,5-2,5	Blue	Male	10
AMP1550BLU-DS	1,5-2,5	Blue	Male	50
AMP547RED-DS	0,5-1,5	Red	Male	50
AMP548RED-DS	0,5-1,5	Red	Female	50

## AMP - FORK STITCH Nylon



High-quality connectors with enhanced nylon insulation, resulting in a higher temperature rating than standard vinyl. Ideal for use in high-temperature environments such as engine rooms, high-power lighting, etc.

- Maximum operating voltage 300V
- Temperature rating 105°C
- According to UL94V0

Brand		Ripca		
Material		Nylon		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity	
AMP646NRED-DS	0,5-1,5	Red	50	
AMP665NBLU-BL	1,5-2,5	Blue	10	
AMP665NBLU-DS	1,5-2,5	Blue	50	
AMP666BLU-BL	1,5-2,5	Blue	10	
AMP666NBLU-DS	1,5-2,5	Blue	50	

## AMP - FLAT STITCH Nylon

High-quality connectors with improved nylon insulation, resulting in a higher temperature rating than standard vinyl. Ideal for use in high-temperature environments such as the engine room, high-power lighting, etc.

- Maximum operating voltage 300V
- Temperature rating 105°C
- According to UL94V0



Brand	Ripca		
Material	Nylon		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMP1541NRED-BL	0,5-1,5	Red	10
AMP1541NRED-DS	0,5-1,5	Red	50
AMP1542NBLU-BL	1,5-2,5	Blue	10
AMP1542NBLU-DS	1,5-2,5	Blue	50
AMP1543NYLW-BL	2,5-6	Yellow	5
AMP1543NYLW-DS	2,5-6	Yellow	25
AMP540NRED-BL	0,5-1,5	Red	10
AMP540NRED-DS	0,5-1,5	Red	50
AMP740NBLU-BL	1,5-2,5	Blue	10
AMP740NBLU-DS	1,5-2,5	Blue	50
AMP840NYLW-BL	2,5-6	Yellow	5
AMP840NYLW-DS	2,5-6	Yellow	25

## AMP - FORK STITCH Vinyl

High-quality connectors with standard vinyl insulation, as used in many industries.

- Maximum operating voltage 300V
- Temperature rating 75°C
- According to UL94V56



Brand	Ripca		
Material	Vinyl		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMP646RED-BL	0,5-1,5	Red	10
AMP665BLU-DS	1,5-2,5	Blue	50
AMP686YLW-DS	2,5-6	Yellow	25
AMP688YLW-DS	2,5-6	Yellow	25





## AMP - FLAT STITCH Vinyl

High-quality connectors with standard vinyl insulation, as used in many industries.

- Maximum operating voltage 300V
- Temperature rating 75°C
- According to UL94V31

Brand	Ripca	Material	Vinyl	Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
				AMP1541RED-BL	0,5-1,5	Red	10
				AMP1541RED-DS	0,5-1,5	Red	50
				AMP1542BLU-BL	1,5-2,5	Blue	10
				AMP1542BLU-DS	1,5-2,5	Blue	50
				AMP1543YLW-BL	2,5-6	Yellow	5
				AMP540RED-BL	0,5-1,5	Red	10
				AMP540RED-DS	0,5-1,5	Red	50
				AMP541RED-BL	0,5-1,5	Red	10
				AMP541RED-DS	0,5-1,5	Red	50
				AMP542BLU-BL	1,5-2,5	Blue	10
				AMP542BLU-DS	1,5-2,5	Blue	50
				AMP543YLW-BL	2,5-6	Yellow	5
				AMP740BLU-BL	1,5-2,5	Blue	10
				AMP740BLU-DS	1,5-2,5	Blue	50



## AMP - ROUND STITCH Nylon

Hoogwaardige connectoren met verbeterde nylon isolatie, wat resulteert in een hogere temperatuurclassificatie dan standaard vinyl. Ideaal voor gebruik in omgevingen met hoge temperaturen, zoals de machinekamer, krachtige verlichting, enz.

- Maximale werkspanning: 300V
- Temperatuurklasse: 105°C
- Voldoet aan UL94V0

Brand	Ripca	Material	Nylon	Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Version	Packaging quantity
				AMP1549NBLU-DS	1,5-2,5	Blue	Female	50
				AMP547NRED-BL	0,5-1,5	Red	Male	10
				AMP547NRED-DS	0,5-1,5	Red	Male	50
				AMP548NRED-BL	0,5-1,5	Red	Female	10
				AMP548NRED-DS	0,5-1,5	Red	Female	50

**AMP - RING STITCH Shrinkage****Brand**  
**Material****Ripca**  
**Shrinkage**

Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMPB1061601-BL	0,5-1,5	Red	10
AMPB1061601-DS	0,5-1,5	Red	50
AMPB1061602-BL	1,5-2,5	Blue	10
AMPB1061602-DS	1,5-2,5	Blue	50
AMPB1061801-BL	0,5-1,5	Red	10
AMPB1061801-DS	0,5-1,5	Red	50
AMPB1061802-BL	1,5-2,5	Blue	10
AMPB1061802-DS	1,5-2,5	Blue	50
AMPB1061803-BL	2,5-6	Yellow	5
AMPB1061803-DS	2,5-6	Yellow	25
AMPB1061992-BL	1,5-2,5	Blue	10
AMPB1061992-DS	1,5-2,5	Blue	50
AMPB1061993-BL	2,5-6	Yellow	5
AMPB1061993-DS	2,5-6	Yellow	25





## AMP - RING STITCH Nylon

High-quality connectors with enhanced nylon insulation, resulting in a higher temperature rating than standard vinyl. Ideal for use in high-temperature environments such as the engine room, high-power lighting, etc.

- Maximum operating voltage: 300V
- Temperature class: 105°C
- Compliant with UL94V0

Brand	Ripca		
Material	Nylon		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMP320NYLW-BL	2,5-6	Yellow	5
AMP636NRED-DS	0,5-1,5	Red	50
AMP638NRED-DS	0,5-1,5	Red	50
AMP640NRED-BL	0,5-1,5	Red	10
AMP640NRED-DS	0,5-1,5	Red	50
AMP656NBLU-BL	1,5-2,5	Blue	10
AMP656NBLU-DS	1,5-2,5	Blue	50
AMP658NBLU-BL	1,5-2,5	Blue	10
AMP658NBLU-DS	1,5-2,5	Blue	50
AMP660NBLU-BL	1,5-2,5	Blue	10
AMP660NBLU-DS	1,5-2,5	Blue	50
AMP678NYLW-BL	2,5-6	Yellow	5

## AMP - FLAT STITCH Shrinkage

Brand	Ripca		
Material	Shrinkage		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMPB1063631-BL	0,5-1,5	Red	10
AMPB1063631-DS	0,5-1,5	Red	50
AMPB1063632-BL	1,5-2,5	Blue	10
AMPB1063632-DS	1,5-2,5	Blue	50
AMPB1064631-BL	0,5-1,5	Red	10
AMPB1064631-DS	0,5-1,5	Red	50
AMPB1064632-BL	1,5-2,5	Blue	10
AMPB1064632-DS	1,5-2,5	Blue	50



## AMP - ROUND STITCH Shrinkage

**Brand**

**Ripca**

**Material**

**Shrinkage**

Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMPB1067401-BL	0,5-1,5	Red	10
AMPB1067401-DS	0,5-1,5	Red	50
AMPB1067502-BL	1,5-2,5	Blue	10
AMPB1067502-DS	1,5-2,5	Blue	50
AMPB1068401-BL	0,5-1,5	Red	10
AMPB1068401-DS	0,5-1,5	Red	50
AMPB1068502-BL	1,5-2,5	Blue	10
AMPB1068502-DS	1,5-2,5	Blue	50



## AMP - CONNECTOR Shrinkage

**Brand**

**Ripca**

**Material**

**Shrinkage**

Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMPD4060001-BL	0,5-1,5	Red	10
AMPD4060001-DS	0,5-1,5	Red	50
AMPD4060002-BL	1,5-2,5	Blue	10
AMPD4060002-DS	1,5-2,5	Blue	50
AMPD4060003-BL	2,5-6	Yellow	5
AMPD4060003-DS	2,5-6	Yellow	25





## AMP - RING STITCH Vinyl

High-quality connectors with standard vinyl insulation, as used in many industries.

- Maximum operating voltage: 300V
- Temperature rating: 75°C
- Compliant with UL94V15

Brand	Ripca	Material	Vinyl
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMP525YLW-DS	2,5-6	Yellow	25
AMP560BLU-DS	1,5-2,5	Blue	50
AMP560BLU-BL	1,5-2,5	Blue	10
AMP557RED-DS	0,5-1,5	Red	50
AMP557RED-BL	0,5-1,5	Red	10
AMP554YLW-DS	2,5-6	Yellow	25
AMP533RED-DS	0,5-1,5	Red	50
AMP533RED-BL	0,5-1,5	Red	10
AMP532RED-DS	0,5-1,5	Red	50
AMP532RED-BL	0,5-1,5	Red	10
AMP531RED-DS	0,5-1,5	Red	50
AMP531RED-BL	0,5-1,5	Red	10
AMP529BLU-DS	1,5-2,5	Blue	50
AMP529BLU-BL	1,5-2,5	Blue	10
AMP528BLU-DS	1,5-2,5	Blue	50
AMP528BLU-BL	1,5-2,5	Blue	10
AMP527BLU-DS	1,5-2,5	Blue	50
AMP527BLU-BL	1,5-2,5	Blue	10
AMP563YLW-BL	2,5-6	Yellow	5
AMP563YLW-DS	2,5-6	Yellow	25

## AMP - CONNECTOR Nylon

High-quality connectors with enhanced nylon insulation, resulting in a higher temperature rating than standard vinyl. Ideal for use in high-temperature environments such as the engine room, high-power lighting, etc.

- Maximum operating voltage: 300V
- Temperature class: 105°C
- Compliant with UL94V0



Brand	Ripca		
Material	Nylon		
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Packaging quantity
AMP545NRED-BL	0,5-1,5	Red	10
AMP545NRED-DS	0,5-1,5	Red	50
AMP546NBLU-BL	1,5-2,5	Blue	10
AMP546NBLU-DS	1,5-2,5	Blue	50

## End connector

Brand	Ripca			
Item no.	Cable penetration Ø (mm <sup>2</sup> )	Color	Version	Packaging quantity
AEH075	0.75	Grey	Single	1
AEH075X2	0.75	Grey	Double	1
AEH100	1.0	Red	Single	1
AEH100X2	1.0	Red	Double	1
AEH150	1.5	Black	Single	1
AEH150X2	1.5	Black	Double	1
AEH250	2.5	Blue	Single	50
AEH250X2	2.5	Blue	Double	1
AEH400	4.0	Grey	Single	50
AEH400X2	4.0	Grey	Double	50
AEH600	6.0	Yellow	Single	1



## Rib Tube Washer

Item no.	Description	Pcs
CR0011	Ripca washer convoluted tube ø11mm (25)	25
CR0023	Ripca washer convoluted tube ø23mm (25)	25





### Ribbed T-piece

Item no.	Description	Pcs
T111111	Ripca T-connector convoluted tube 3-way $\varnothing$ 11x11x11mm (25)	25
T11116	Ripca T-connector convoluted tube 3-way $\varnothing$ 11x11x16mm (25)	25
T131313	Ripca T-connector convoluted tube 3-way $\varnothing$ 13x13x13mm (25)	25
T13136	Ripca T-connector convoluted tube 3-way $\varnothing$ 13x13x6mm (25)	25
T161611	Ripca T-connector convoluted tube 3-way $\varnothing$ 16x16x11mm (25)	25
T161613	Ripca T-connector convoluted tube 3-way $\varnothing$ 16x16x13mm (25)	25
T161616	Ripca T-connector convoluted tube 3-way $\varnothing$ 16x16x16mm (25)	25
T16166	Ripca T-connector convoluted tube 3-way $\varnothing$ 16x16x6mm (25)	25
T191313	Ripca T-connector convoluted tube 3-way $\varnothing$ 19x13x13mm (25)	25
T191911	Ripca T-connector convoluted tube 3-way $\varnothing$ 19x19x11mm (25)	25
T191913	Ripca T-connector convoluted tube 3-way $\varnothing$ 19x19x13mm (25)	25
T191916	Ripca T-connector convoluted tube 3-way $\varnothing$ 19x19x16mm (25)	25
T191919	Ripca T-connector convoluted tube 3-way $\varnothing$ 19x19x19mm (25)	25
T191923	Ripca T-connector convoluted tube 3-way $\varnothing$ 19x19x23mm (25)	25
T232313	Ripca T-connector convoluted tube 3-way $\varnothing$ 23x23x13mm (25)	25
T232323	Ripca T-connector convoluted tube 3-way $\varnothing$ 23x23x23mm (25)	25



### Rib Tube Bend

Item no.	Description	Pcs
EL1616	Ripca connection convoluted tube 90° $\varnothing$ 16mm (10)	10
EL1919	Ripca connection convoluted tube 90° $\varnothing$ 19mm (10)	10

## Rib Tube Open

Item no.	Description
SCT0006	Ripca convoluted tube split ø6mm 100mtr
SCT0011	Ripca convoluted tube split ø11mm 100mtr
SCT0013	Ripca convoluted tube split ø13mm 100mtr
SCT0016	Ripca convoluted tube split ø16mm 50mtr
SCT0019	Ripca convoluted tube split ø19mm 50mtr
SCT0023	Ripca convoluted tube split ø23mm 25mtr
SCT0045	Ripca convoluted tube split ø4,5mm 100mtr



## Rib Tube Mounting Clip

Item no.	Description	Pcs
RHC0006	Ripca mounting clip convoluted tube ø6mm (25)	25
RHC0011	Ripca mounting clip convoluted tube ø6mm (25)	25
RHC0013	Ripca mounting clip convoluted tube ø11mm (25)	25
RHC0016	Ripca mounting clip convoluted tube ø13mm (25)	25
RHC0019	Ripca mounting clip convoluted tube ø16mm (25)	25
RHC0023	Ripca mounting clip convoluted tube ø19mm (25)	25
RHC0045	Ripca mounting clip convoluted tube ø4,5mm (25)	25



## Rib Tube Closed

Item no.	Description
NSCT0011	Ripca convoluted tube non-split ø11mm 100mtr
NSCT0013	Ripca convoluted tube non-split ø13mm 100mtr
NSCT0016	Ripca convoluted tube non-split ø16mm 50mtr
NSCT0019	Ripca convoluted tube non-split ø19mm 50mtr
NSCT0023	Ripca convoluted tube non-split ø23mm 25mtr



## Cable Clip

Item no.	Description	Pcs
TL1100	Ripca clip Twist Lock ø5,1-7,6mm white (100)	100
TL5100	Ripca clip Twist Lock ø17,8-20mm white (100)	100







## Cable clamp

Item no.	Description	Pcs
RIC0650	Ripca cable clamp metal/rubber ø5,5mm (50)	50
RIC1050	Ripca cable clamp metal/rubber ø8,5mm (50)	50
RIC1350	Ripca cable clamp metal/rubber ø11,0mm (50)	50
RIC1650	Ripca cable clamp metal/rubber ø13,0mm (50)	50
RIC1925	Ripca cable clamp metal/rubber ø16,5mm (25)	25
RIC2225	Ripca cable clamp metal/rubber ø19,5mm (25)	25
RIC2525	Ripca cable clamp metal/rubber ø21,5mm (25)	25
X11-50	Ripca cable clamp PVC ø15,9 (50)	50
X6-100	Ripca cable clamp PVC ø11,1 (100)	100

## Cable tie

Item no.	Pcs	Length (mm)	Width (mm)	Color
HCT150	100	150	3.6	White
NCS45075BLK	100	450	7.5	Black
NCS43045BLK	100	430	4.5	Black
NCS37035BLK	100	370	3.5	Black
NCS36575BLK	100	365	7.5	Black
NCS36045BLK	100	360	4.5	Black
NCS29045YLW	100	290	4.5	Yellow
NCS29045RED	100	290	4.5	Red
NCS29045BLK	100	290	4.5	Black
NCS25048BLK	100	250	4.8	Black
NCS24078BLK	100	240	7.8	Black
NCS20048YLW	100	200	4.5	Yellow
NCS20048RED	100	200	4.5	Red
NCS20048BLK	100	200	4.5	Black
NCS20035YLW	100	200	3.5	Yellow
NCS20035BLK	100	200	3.5	Black
NCS17848BLK	100	178	4.8	Black
NCS16045BLK	100	160	4.5	Black
NCS16026BLK	100	160	2.6	Black
NCS14035RED	100	140	3.5	Red
NCS14035BLK	100	140	3.5	Black
NCS13525BLK	100	135	2.5	Black
NCS12045BLK	100	120	4.5	Black
NCS10025YLW	100	100	2.5	Yellow
NCS10025RED	100	100	2.5	Red
NCS10025BLK	100	100	2.5	Black
HCT380	100	380	7.8	White
HCT300W	100	300	7.8	White
HCT215	100	200	7.8	White
HCT200W	100	200	4.8	White
NCS500125BLK	50	500	12.5	Black
NCS54075BLK	100	540	7.5	Black





## Heat shrink tubing

Item no.	Description
HSR030010	Ripca heat-shrink tubing 3:1 3-1mm red 5mtr
HSR060020	Ripca heat-shrink tubing 3:1 6-2mm red 5mtr
HSR090030	Ripca heat-shrink tubing 3:1 9-3mm red 5mtr
HSS127Y-G	Ripca heat-shrink tubing 2:1 12,7-6,4mm yellow green 5mtr
HSS190R	Ripca heat-shrink tubing 2:1 19,0-9,6mm red 5mtr
HSS254R	Ripca heat-shrink tubing 2:1 25,4-12,7mm red 5mtr
HSS32U	Ripca heat-shrink tubing 2:1 3,2-1,6mm blue 5mtr
HSS381R	Ripca heat-shrink tubing 2:1 38,1-19,1mm red 5mtr
HSSA12B	Ripca heat-shrink tubing 3:1 adhesive 12-4mm black 5mtr
HSSA18B	Ripca heat-shrink tubing 3:1 adhesive 18-6mm black 5mtr
HSSA39B	Ripca heat-shrink tubing 3:1 adhesive 39-13mm black 5mtr
HSSA3B	Ripca heat-shrink tubing 3:1 adhesive 3-1mm black 5mtr
HSSA6B	Ripca heat-shrink tubing 3:1 adhesive 6-2mm black 5mtr
HSSA9B	Ripca heat-shrink tubing 3:1 adhesive 9-3mm black 5mtr



## Spiral tape

Item no.	Description
SWCB07B25	Ripca spiral wrap black ø7-70mm 25mtr
SWCB07W25	Ripca spiral wrap white ø7-70mm 25mtr
SWCB12B25	Ripca spiral wrap black ø12-100mm 25mtr
SWCB12W25	Ripca spiral wrap white ø12-100mm 25mtr

## Press cable lug

Crimp terminal made of tinned copper according to DIN 46234, ideal for thick battery cables and power electronics.



Item no.	Description	Pcs
PKDIN0606	Ripca press cable lug 6mm <sup>2</sup> hole size M6 (10)	10
PKDIN9508	Ripca press cable lug 95mm <sup>2</sup> hole size M8 (10)	10
PKDIN7012	Ripca press cable lug 70mm <sup>2</sup> hole size M12 (10)	10
PKDIN7010	Ripca press cable lug 70mm <sup>2</sup> hole size M10 (10)	10
PKDIN7008	Ripca press cable lug 70mm <sup>2</sup> hole size M8 (10)	10
PKDIN5012	Ripca press cable lug 50mm <sup>2</sup> hole size M12 (10)	10
PKDIN5010	Ripca press cable lug 50mm <sup>2</sup> hole size M10 (10)	10
PKDIN5008	Ripca press cable lug 50mm <sup>2</sup> hole size M8 (10)	10
PKDIN3512	Ripca press cable lug 35mm <sup>2</sup> hole size M12 (10)	10
PKDIN3510	Ripca press cable lug 35mm <sup>2</sup> hole size M10 (10)	10
PKDIN3508	Ripca press cable lug 35mm <sup>2</sup> hole size M8 (10)	10
PKDIN9510	Ripca press cable lug 95mm <sup>2</sup> hole size M10 (10)	10
PKDIN3506	Ripca press cable lug 35mm <sup>2</sup> hole size M6 (10)	10
PKDIN2508	Ripca press cable lug 25mm <sup>2</sup> hole size M8 (10)	10
PKDIN1612	Ripca press cable lug 16mm <sup>2</sup> hole size M12 (10)	10
PKDIN1610	Ripca press cable lug 16mm <sup>2</sup> hole size M10 (10)	10
PKDIN1608	Ripca press cable lug 16mm <sup>2</sup> hole size M8 (10)	10
PKDIN1606	Ripca press cable lug 16mm <sup>2</sup> hole size M6 (10)	10
PKDIN1010	Ripca press cable lug 10mm <sup>2</sup> hole size M10 (10)	10
PKDIN1008	Ripca press cable lug 10mm <sup>2</sup> hole size M8 (10)	10
PKDIN1006	Ripca press cable lug 10mm <sup>2</sup> hole size M6 (10)	10
PKDIN0610	Ripca press cable lug 6mm <sup>2</sup> hole size M10 (10)	10
PKDIN0608	Ripca press cable lug 6mm <sup>2</sup> hole size M8 (10)	10
PKDIN2510	Ripca press cable lug 25mm <sup>2</sup> hole size M10 (10)	10
PKDIN9512	Ripca press cable lug 95mm <sup>2</sup> hole size M12 (10)	10

## Sticky pad



Item no.	Description	Pcs
SB1-100	Ripca adhesive clip white ø3,6mm wide (100)	100
SB125B	Ripca adhesive clip max. 3,6mm wide (25)	25
SB1B-100	Ripca adhesive clip black ø3,6mm wide (100)	100
SB2-100	Ripca adhesive clip white ø4,8mm wide (100)	100
SB225	Ripca adhesive clip max. 4,8mm wide (25)	25
SB225B	Ripca adhesive clip max. 4,8mm wide (25)	25
SB2B-100	Ripca adhesive clip black ø4,8mm wide (100)	100

## Hollex Solar Panel Mounting Kit

**Brand** Hollex

Item no.	Description
SNE3007	Hollex solar panel mounting set 7 pieces

## Relay Holder

**Voltage type (VAC / VDC)**

**VDC**

Item no.	Description
8JA003 526-001	Hella relay base 9-pole
RELRF001B	Ripca relay holder incl. 3x fuse STD ATC
RELH045B	Ripca relay holder mini screwable linkable

## Relays

**Voltage type (VAC / VDC)**

**VDC**

Item no.	Description	Voltage (V)	Ampere (A)
0230	Ripca switch relay 5-pole 12V 30-40A	12	30 / 40
0234	Ripca mini relay open 24V 20A 4-pole	24	20
0235	Ripca mini relay switch 24V 10-15A 5-pole	24	10 / 15
4RA965 400-031	Hella relay universal 24V 20A	24	20
4RD003 520-081	Hella relay 2V 20/40A switch	12	20 / 40
4RD933 332-061	Hella relay 124V 10/20A switch	24	10 / 20

## Ripca Battery Selector Switch

Item no.	Description
MBS1	Battery switch 500A continuous 100A
MBS10	Main switch MBS10 50A continuous DS
MBS11	Main switch MBS11 100A continuous DS
MBS12	Main switch MBS12 200A continuous DS



## Hollex Buzzer

Hollex flush-mounted switch featuring an LED ring. Made of aluminum and available in both locking and spring-return variants. Available in 12V and 24V with LEDs in various colors. This LED ring can be connected separately, allowing for multiple functions such as on/off recognition or signaling.

Protection class (IP)	IP50
Item no.	Description
020273	Buzzer 12/24V LED red



## Hollex Waterproof Push Button

Item no.	Description	Max. ampèrage (A)
020211	Push button black waterproof	5





## Hollex Push Button Locked

Protection class (IP)

IP67

Item no.	Description	Max. ampèreage (A)
020251	Push button stainless steel 12V on/off LED red	5
020253	Push button stainless steel 12V on/off LED blue	5
020255	Push button stainless steel 12V on/off LED green	5
020257	Push button stainless steel 12V on/off LED white	5
020261	Push button stainless steel 24V on/off LED red	5
020263	Push button stainless steel 24V on/off LED blue	5
020265	Push button stainless steel 24V on/off LED green	5
020267	Push button stainless steel 24V on/off LED white	5
020284	Push button 16mm 12V on/off LED green	5
020285	Push button 16mm 24V on/off LED green	5

## Hollex Push Button Spring Back

Hollex recessed switch equipped with an LED ring. Made of aluminum and available in both locking and spring-return versions. Available in 12V and 24V with LEDs in various colors. This LED ring can be connected separately, enabling multiple functions such as on/off recognition or signaling.

Protection class (IP)

IP67

Item no.	Description	Max. ampèreage (A)
020250	Push button stainless steel 12V pulse LED red	5
020252	Push button stainless steel 12V pulse LED blue	5
020254	Push button stainless steel 12V pulse LED green	5
020256	Push button stainless steel 12V pulse LED white	5
020260	Push button stainless steel 24V pulse LED red	5
020262	Push button stainless steel 24V pulse LED blue	5
020264	Push button stainless steel 24V pulse LED green	5
020266	Push button stainless steel 24V pulse LED white	5

## Hollex Battery Selector Switch

Item no.	Description
HBS01	Battery switch 100A 500A M10



## Toggle switch

Item no.	Description
020268	Switch (on) off(on) with cover



## Hella Battery Selector Switch

Item no.	Description
0201	Battery switch 500A/continuous 100A
0206	Battery main switch 500A on/off
0207	Battery main switch 275A on/off
0208	Battery selector switch 350A
0242	Battery switch 2500A/continuous 100A



## Connection Plug for Push Button

Item no.	Description
020274	Connection plug 16mm wired for push button
020275	Connection plug 19mm wired for push button



## Key Operated Switch

Item no.	Description
027001	Key for battery switch 0201
027042	Key for battery switch 0242







## Switch panel

Item no.	Description	Switches (pcs)
020611	Switch panel Compact	4
020613	Switch panel Compact	6
020614	Switch panel Compact	6
EP-91341LED	WAVE switch panel with 12V Socketet	5
EP-91359LED	WAVE switch panel with USB charger	3

## Hollex pull switch

Voltage type (VAC / VDC)

VDC

Voltage (V)

12 24



Item no.	Description
020118	Hollex pull switch black button
020120	Hollex pull switch chrome button

## MAXI Fuses

To be used in, among others, Maxi flat fuse holders.  
Fuse rating: 30/80 Ampere.

### Type Fuse

Item no.	Description
ZEKMAF020-BL2	Ripca fuse Maxi 20A yellow (2 pcs.)
ZEKMAF020-DS10	Ripca fuse Maxi 20A yellow (10 pcs.)
ZEKMAF030-BL2	Ripca fuse Maxi 30A green (2 pcs.)
ZEKMAF030-DS10	Ripca fuse Maxi 30A green (10 pcs.)
ZEKMAF040-BL2	Ripca fuse Maxi 40A orange (2 pcs.)
ZEKMAF040-DS10	Ripca fuse Maxi 40A orange (10 pcs.)
ZEKMAF050-BL2	Ripca fuse Maxi 50A red (2 pcs.)
ZEKMAF050-DS10	Ripca fuse Maxi 50A red (10 pcs.)
ZEKMAF060-BL2	Ripca fuse Maxi 60A blue (2 pcs.)
ZEKMAF070-BL2	Ripca fuse Maxi 70A brown (2 pcs.)
ZEKMAF070-DS10	Ripca fuse Maxi 70A brown (10 pcs.)
ZEKMAF080-BL2	Ripca fuse Maxi 80A transparent (2 pcs.)
ZEKMAF080-DS10	Ripca fuse Maxi 80A transparent (10 pcs.)
ZEKMAF100-BL2	Ripca fuse Maxi 100A purple (2 pcs.)
ZEKMAF100-DS10	Ripca fuse Maxi 100A purple (10 pcs.)



## ANL Fuses

These fuses have tinned terminal strips and are equipped with a test window.



### Type Fuse

Item no.	Description
ANL035	Ripca fuse ANL 35A
ANL050	Ripca fuse ANL 50A
ANL060	Ripca fuse ANL 60A
ANL080	Ripca fuse ANL 80A
ANL100	Ripca fuse ANL 100A
ANL125	Ripca fuse ANL 125A
ANL150	Ripca fuse ANL 150A
ANL200	Ripca fuse ANL 200A
ANL250	Ripca fuse ANL 250A
ANL350	Ripca fuse ANL 350A
ANL400	Ripca fuse ANL 400A
ANL300	Ripca fuse ANL 300A
ANL500	Ripca fuse ANL 500A

## Block Fuses

### Type Fuse

Item no.	Description
CF050BL	Ripca block fuse ceramic 50A
CF075BL	Ripca block fuse ceramic 75A
CF100BL	Ripca block fuse ceramic 100A
CF125BL	Ripca block fuse ceramic 125A
CF150BL	Ripca block fuse ceramic 150A
CF175BL	Ripca block fuse ceramic 175A
CF200BL	Ripca block fuse ceramic 200A
CF250BL	Ripca block fuse ceramic 250A
CF300BL	Ripca block fuse ceramic 300A



## ATC Fuses

ATC flat blade fuses are corrosion-resistant. In case of a short circuit or overload, they quickly blow to protect your system.

### Type Fuse

Item no.	Description
ZEKRF02L-BL05	Ripca fuse STD ATC 2A gray (5 pcs.)
ZEKRF02L-DS50	Ripca fuse STD ATC 2A gray (50 pcs.)
ZEKRF03L-BL05	Ripca fuse STD ATC 3A purple (5 pcs.)
ZEKRF03L-DS50	Ripca fuse STD ATC 3A purple (50 pcs.)
ZEKRF04L-BL05	Ripca fuse STD ATC 4A pink (5 pcs.)
ZEKRF04L-DS50	Ripca fuse STD ATC 4A pink (50 pcs.)
ZEKRF05L-BL05	Ripca fuse STD ATC 5A light brown (5 pcs.)
ZEKRF05L-DS50	Ripca fuse STD ATC 5A light brown (50 pcs.)
ZEKRF075L-BL05	Ripca fuse STD ATC 7.5A brown (5 pcs.)
ZEKRF075L-DS50	Ripca fuse STD ATC 7.5A brown (50 pcs.)
ZEKRF10L-BL05	Ripca fuse STD ATC 10A red (5 pcs.)
ZEKRF10L-DS50	Ripca fuse STD ATC 10A red (50 pcs.)
ZEKRF15L-BL05	Ripca fuse STD ATC 15A blue (5 pcs.)
ZEKRF15L-DS50	Ripca fuse STD ATC 15A blue (50 pcs.)
ZEKRF20L-BL05	Ripca fuse STD ATC 20A yellow (5 pcs.)
ZEKRF20L-DS50	Ripca fuse STD ATC 20A yellow (50 pcs.)
ZEKRF25L-BL05	Ripca fuse STD ATC 25A clear (5 pcs.)
ZEKRF25L-DS50	Ripca fuse STD ATC 25A clear (50 pcs.)
ZEKRF30L-BL05	Ripca fuse STD ATC 30A green (5 pcs.)
ZEKRF30L-DS50	Ripca fuse STD ATC 30A green (50 pcs.)
ZEKRF40L-BL05	Ripca fuse STD ATC 40A orange (5 pcs.)
ZEKRF40L-DS50	Ripca fuse STD ATC 40A orange (50 pcs.)

## Hella Cord Fuse

Item no.	Description
0350	Hella Cord fuse holder with 8A fuse



## Hella Fuses

Item no.	Description
0350.005	Hella fuse 5A porcelain yellow (100 pcs.)
0350.008	Hella fuse 8A porcelain white (100 pcs.)
0350.016	Hella fuse 16A porcelain red (100 pcs.)



## Ripca Fuse Holder ATC

This fuse box is compact and easy to install. The fuses are quickly replaceable and easily accessible in the fuse box. Fuse boxes can be used standalone or linked together. The cover is closed using a click system and, like the fuse holder, is made of polycarbonate. The wiring is secured with screws in the connection terminals for a secure and firm connection. It is possible to place spare fuses.

### Type Fuse

Item no.	Description
5025B	Ripca fuse box standard with cover 6x
5025L	Ripca fuse box standard with cover 6x with LED
5026L	Ripca fuse box standard with lid for 12 fuses



## Ripca Blade Fuse Fuse Holder

Item no.	Description
FHA2210	Ripca fuse holder Maxi 10mm <sup>2</sup> cable
FHA2810RED	Ripca fuse holder standard 1,0mm <sup>2</sup> red cable 1x
FHA2815RED	Ripca fuse holder standard 1,5mm <sup>2</sup> red cable 1x
FHA2820RED	Ripca fuse holder standard 2,0mm <sup>2</sup> red cable 1x



## Ripca Fuse Holder ANL

### Type Fuse

Item no.	Description
2581010	Ripca fuse holder ANL tot 500A with cover





## Fuse HolderATC

Item no.	Description
8KV004 418-004	Hella fuse holder flat plug in line

# Instruments



PRESS **AUTO**  
EXPERIENCE  
FUEL SAVINGS

ZIPWAKE

300S



A Dynamic Trim Control System like no other.  
[www.zipwake.com](http://www.zipwake.com)

**ZIPWAKE**

CHOOSE COMFORT. ENJOY PERFORMANCE.



# TRIM CONTROL MADE EASY







## Zipwake Kit Box S

### Zipwake - Kit Box

A Zipwake kit box contains all the components necessary to install the system with one pair of fast-acting interceptors. A kit box consists of the control panel, the distribution unit, the interceptor, and an extension cable.

<b>Brand</b>	<b>Zipwake</b>
<b>Protection class (IP)</b>	<b>IP68 (5 meter)</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011732	Zipwake serie 300S chine kit box trim system
2011145	Zipwake serie 300S straight kit box trim system
2011515	Zipwake serie 300S integrator module straight kit box
2011519	Zipwake serie 300S chine integrator module kit box
2011733	Zipwake serie 450S chine kit box trim system
2011146	Zipwake serie 450S straight kit box trim system
2011516	Zipwake serie 450S integrator module straight kit box
2011520	Zipwake serie 450S chine Integrator module kit box
2011147	Zipwake serie 600S straight kit box trim system
2011517	Zipwake serie 600S integrator module straight kit box
2011148	Zipwake serie 750S straight kit box trim system
2011518	Zipwake serie 750S integrator module straight kit box



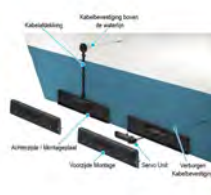
## Zipwake Kit Box E

### Zipwake - Kit Box

A Zipwake kit box contains all the components necessary to install the system with one pair of fast-acting interceptors. A kit box consists of the control panel, the distribution unit, the interceptor, and an extension cable.

<b>Brand</b>	<b>Zipwake</b>
<b>Protection class (IP)</b>	<b>IP68 (5 meter)</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2012270	Zipwake serie 400E integrator module straight kit box
2012274	Zipwake serie 400E chine Integrator module kit box
2012213	Zipwake serie 400E straight kit box trim system
2012214	Zipwake serie 400E chine kit box trim system
2012271	Zipwake serie 600E integrator module straight kit box
2012275	Zipwake serie 600E chine Integrator module kit box
2012014	Zipwake serie 600E chine kit box trim system
2012011	Zipwake serie 600E straight kit box trim system
2012012	Zipwake serie 800E straight kit box trim system
2012272	Zipwake serie 800E integrator module straight kit box
2012273	Zipwake serie 1000E integrator module straight kit box
2012013	Zipwake serie 1000E straight kit box trim system



## Zipwake Interceptor 1000E

Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2012020	Zipwake interceptor 1000E cable 3mtr



## Zipwake Interceptor 400E

Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2012215	Zipwake interceptor 400E with cable 3mtr
2012216	Zipwake interceptor 400E chine port cable 3mtr
2012217	Zipwake interceptor 400E chine starboard backplate



## Zipwake Interceptor 450S

Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011233	Zipwake interceptor 450S cable 3mtr
2011482	Zipwake interceptor 450S V13 cable 3mtr
2011483	Zipwake interceptor 450S V16 cable 3mtr
2011484	Zipwake interceptor 450S V19 cable 3mtr
2011485	Zipwake interceptor 450S V22 cable 3mtr
2011704	Zipwake interceptor 450S chine port cable 3mtr
2011705	Zipwake interceptor 450S chine starboard cable 3mtr



## Zipwake Interceptor 600E

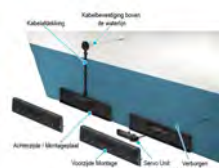
Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2012018	Zipwake interceptor 600E cable 3mtr
2012021	Zipwake interceptor 600E tunnel R500 cable 3mtr
2012022	Zipwake interceptor 600E tunnel R600 cable 3mtr
2012023	Zipwake interceptor 600E tunnel R800 cable 3mtr
2012024	Zipwake interceptor 600E chine port cable 3mtr
2012025	Zipwake interceptor 600E chine starboard cable 3mtr



## Zipwake Interceptor 600S

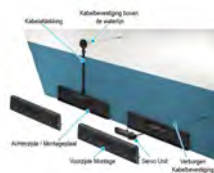
Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011234	Zipwake interceptor 600S cable 3mtr



## Zipwake Interceptor 750S

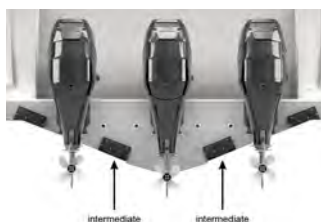
Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011235	Zipwake interceptor 750S cable 3mtr



## Zipwake Interceptor 300S

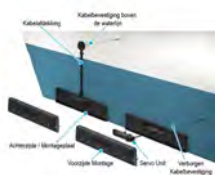
Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011232	Zipwake interceptor 300S cable 3mtr
2011701	Zipwake interceptor 300S intermediate cable 3mtr
2011702	Zipwake interceptor 300S chine port cable 3mtr
2011703	Zipwake interceptor 300S chine starboard cable 3mtr



## Zipwake Interceptor 800E

Crafted with precision for planing and semi-planing boats, Zipwake Interceptors redefine on-water excellence. However, for boats cruising under 10 knots, the full potential of our system may not be realized.

On high-speed vessels, caution is key! Zipwake's interceptor blades are designed for maximum efficiency, but speeds exceeding 60 knots could risk damage. Fear not! In Auto mode, our system's intelligent design ensures automatic blade retraction at such speeds, seamlessly redeploying as your boat slows down.

Experience unparalleled control and stability with Zipwake Interceptors - the ultimate choice for optimizing your boating adventure!

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP68</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2012019	Zipwake interceptor 800E cable 3mtr



## Zipwake Control Panel

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011238	Zipwake control panel S with standard cable 7mtr
2012032	Zipwake control panel E with standard cable 15mtr
2012401	Zipwake Mini control panel IM with cable 3mtr



## Zipwake GPS Unit

Item no.	Description
2011240	Zipwake GPS unit cable 5mtr mount kit



## Zipwake M12 Cable

The Zipwake connection cable is used to connect the main control panel to the distribution box, usually located at or near the transom. This cable is also used to connect the main panel to the next panel, such as the flybridge. The standard cable can be extended with one of the available extension cables. The cable of the servo unit can be extended with extension cables of 1.5m or 3m. The total length of the servo cable must not exceed 6m (20 ft).

<b>Material</b>	<b>PVC</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011257	Zipwake M12 standaard kabel 7mtr
2012037	Zipwake M12 standaard kabel 15mtr



## Zipwake M12 Extension Cable

The Zipwake extension cable equipped with 2 round M12 5-pin connectors (diameter 14.5 mm). It has a waterproof rating of IP67 when connected.

<b>Material</b>	<b>PVC</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Compliance</b>	<b>CE, FCC</b>

Item no.	Description
2011258	Zipwake M12 extension cable 1,5mtr
2011259	Zipwake M12 extension cable 3mtr
2011260	Zipwake M12 extension cable 5mtr
2011261	Zipwake M12 extension cable 10mtr
2012038	Zipwake M12 extension cable 15mtr
2012039	Zipwake M12 extension cable 20mtr





## Zipwake Distribution Unit

<b>Brand</b>	<b>Zipwake</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Compliance</b>	<b>CE, FCC, SAEJ1171 Ignition Protected</b>

Item no.	Description
2011239	Zipwake distribution unit S with power cable 4mtr
2012033	Zipwake distribution unit E with power cable 6mtr
2012034	Zipwake distribution EXP unit E with power cable 6mtr



## Zipwake Control Panel Frame

Item no.	Description
2011281	Zipwake control panel S frame - wheel cap aluminium
2011413	Zipwake control panel S frame black
2011414	Zipwake control panel S frame aluminium



## Zipwake Control Panel Cover

Item no.	Description
2011381	Zipwake control panel cover white
2011382	Zipwake control panel cover light grey
2011383	Zipwake control panel cover medium grey
2011384	Zipwake control panel cover dark grey
2011385	Zipwake control panel cover black



## Zipwake Control Panel Holder

Item no.	Description
2011622	Zipwake gimbal bracket for control panel



## Zipwake Servo Unit

Item no.	Description
2011230	Zipwake servo unit S cable 3mtr
2012035	Zipwake servo unit E cable 3mtr
2012235	Zipwake servo unit SU-400E cable 3mtr



## Zipwake Accessories

Item no.	Description
2011071	Zipwake kabel cover S kit
2012036	Zipwake kabel cover extension E set 1 kabelcover
2012078	Zipwake kabel cover E set 1 coverbase 16 screws
2012241	Zipwake integrator module excl. cable



## Hollex Hour Meter

The Hollex Digital Engine Hour Meter

A convenient tool to accurately track the operating time of your boat engine. You have the choice between a black or white casing, depending on your aesthetic preference and your boat's style. This hour meter is designed to operate within a voltage range of 9-32V.

Key Features:

- **Accurate Time Recording:** The hour meter provides precise recording of your boat engine's operating time, which is essential for maintenance and service planning.
- **Color Options:** You can choose between a black or white casing to integrate with your boat's interior.
- **Wide Voltage Range:** This hour meter is suitable for voltages between 9V and 32V, making it compatible with a variety of boat electrical systems.

With the Hollex Digital Engine Hour Meter in black or white, and with a voltage range of 9-32V, you can easily track the operating time of your boat engine and plan maintenance tasks. Choose this instrument to optimize the lifespan and performance of your motor.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Digital</b>

Item no.	Gauge display	Voltage (V)	Color
HRHM2352B	99999.9 h	12 / 24	Black
HRHM2352W	99999.9 h	12 / 24	White



## Hollex Fuel Meter

The Hollex Fuel Gauge

An essential instrument for accurately measuring and monitoring the fuel level in your boat. You have the choice between a black or white casing, depending on your aesthetic preference and the style of your boat. This fuel gauge is designed to operate within a voltage range of 9-32V and has a resistance range of 0-190 Ohms.

Key Features:

**Accurate Fuel Measurement:** The fuel gauge provides precise measurements of the fuel level in your boat, ensuring you are always aware of your fuel supply.

**Color Options:** You can choose between a black or white casing to integrate with your boat's interior.

**Wide Voltage Range:** This fuel gauge is suitable for voltages between 9V and 32V, making it compatible with a variety of boat electrical systems.

With the Hollex Fuel Gauge in black or white, and with a resistance range of 0-190 Ohms and a voltage range of 9-32V, you can confidently monitor your fuel level and ensure you always have enough fuel for your voyages. Choose this instrument to improve your fuel management and sail worry-free.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistance	Color
HFLG1552B	E - 1/2 - F	12 / 24	0 - 190 Ohm	Black
HFLG1552W	E - 1/2 - F	12 / 24	0 - 190 Ohm	White



## Hollex Depth Meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Type Display</b>	<b>Digital</b>

Item no.	Gauge display	Voltage (V)	Color
HEDM2552B	Digitaal	12 / 24	Black
HEDM2552W	Digitaal	12 / 24	White



## Hollex Drinking Water Level Meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Voltage (V)	Color
HWLG1452B	12 / 24	Black
HWLG1452W	12 / 24	White



## Hollex GPS Speedometer Analog with LCD

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HSPM6085B	0 - 60 km/h	12 / 24	Black
HSPM6085W	0 - 60 km/h	12 / 24	White
HSPM1285B	0 - 120 km/h	12 / 24	Black
HSPM1285W	0 - 120 km/h	12 / 24	White



## Hollex GPS Speed Meter Digital

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Type Display</b>	<b>Digital</b>

Item no.	Gauge display	Voltage (V)	Color
HSPM2252B	Digitaal	12 / 24	Black
HSPM2252W	Digitaal	12 / 24	White



## Hollex 4 in 1 Meter

The Hollex 4-in-1 Alarm Instrument

Is a versatile and essential tool for monitoring your boat's status and enhancing your sailing experience. This instrument, available in both black and white, offers four key functions to keep an eye on the health of your batteries and engine.

### Key Features:

**Multifunctional Design:** This alarm instrument provides four key functions in one device, including battery voltage, oil pressure, coolant temperature, and engine check.

**Color Options:** You can choose between black or white, depending on your aesthetic preference and boat interior.

**Reliable Monitoring:** Keep an eye on your batteries and engine to detect and prevent potential issues early.

With the Hollex 4-in-1 Alarm Instrument, you can monitor your boat's vital signs and enjoy worry-free voyages. Choose versatility and reliability with this instrument to enhance your boating equipment.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Digital</b>

Item no.	Gauge display	Voltage (V)	Color
HFIO1852B	4 in one	12 / 24	Black
HFIO1852W	4 in one	12 / 24	White



## Hollex Ampere Meter

The Hollex Ammeter

An essential instrument for accurately measuring and monitoring the electrical current in your boat. You have the choice between a black or white casing, depending on your personal preference and your boat's style. This ammeter is capable of measuring currents up to 80 Amperes.

Key Features:

**Electrical Current Measurement:** The ammeter provides precise measurements of the electrical current in your boat, allowing you to monitor the performance of your electrical systems.

**Color Options:** You can choose between a black or white casing to match the aesthetic of your boat.

**Versatility:** With the ability to measure up to 80 Amperes, this ammeter is suitable for a wide range of applications.

The Hollex Ammeter in black or white is a valuable instrument for monitoring the electrical health of your boat and ensuring that your electrical systems remain efficient and reliable. Choose precision and reliability with this ammeter for your boat.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HAMG1352B	80 Amp	12 / 24	Black
HAMG1352W	80 Amp	12 / 24	White



## Hollex Volt Meter

The Hollex Voltmeter

An indispensable instrument for monitoring the electrical voltage on board your boat. You can choose between a black or white casing, depending on your aesthetic preference and the style of your boat. This voltmeter is available in two variants: 8-16V or 18-32V, allowing you to choose the one that best suits your needs.

Key Features:

**Electrical Voltage Measurement:** The voltmeter provides accurate measurements of the electrical voltage in your boat, ensuring you are always aware of the status of your electrical systems.

**Color Options:** You have the option to choose between a black or white casing to integrate with your boat's interior.

**Variants:** You can choose between two variants with different voltage ranges, allowing you to select the right one for your specific electrical system.

With the Hollex Voltmeter, you can confidently monitor your electrical systems. Choose this instrument to improve the electrical health of your boat.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HVWG1252B	8 - 16V	12	Black
HVWG1252W	8 - 16V	12	White
HVWG2452B	18 - 32V	24	Black
HVWG2452W	18 - 32V	24	White





## Hollex Temperature Meter

The Hollex Coolant Temperature Gauge

An indispensable instrument for accurately measuring and monitoring the temperature of your boat engine. You can choose between a black or white casing, depending on your aesthetic preference and the style of your boat. This temperature gauge is designed to operate within a voltage range of 9-32V and has a measurement range of 120 degrees Celsius.

Key Features:

**Accurate Temperature Measurement:** The temperature gauge provides precise measurements of the coolant temperature of your boat engine, which is crucial for monitoring engine performance and preventing overheating.

**Color Options:** You have the option to choose between a black or white casing to integrate with your boat's interior.

**Wide Voltage Range:** This temperature gauge is suitable for voltages between 9V and 32V, making it compatible with a variety of boat electrical systems.

With the Hollex Coolant Temperature Gauge in black or white, and with a measurement range of 120 degrees Celsius and a voltage range of 9-32V, you can confidently monitor the temperature of your boat engine and ensure it always remains within safe limits. Choose this instrument to optimize the performance and lifespan of your motor.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HWTG1652B	120°C	12 / 24	Black
HWTG1652W	120°C	12 / 24	White



## Hollex Oil Pressure Meter

The Hollex Oil Pressure Gauge

An important instrument for accurately measuring and monitoring the oil pressure of your boat engine. You have the choice between a black or white casing, depending on your aesthetic preference and the style of your boat. This oil pressure gauge is designed to operate within a voltage range of 9-32V and is available in two variants: 0-5 Bar or 0-10 Bar.

Key Features:

**Accurate Oil Pressure Measurement:** The oil pressure gauge provides precise measurements of the oil pressure of your boat engine, which is essential for monitoring engine performance and preventing damage.

**Color Options:** You can choose between a black or white casing to integrate with your boat's interior.

**Variants:** You have the option to choose between two variants with different pressure ranges, allowing you to select the right one for your specific engine.

With the Hollex Oil Pressure Gauge in black or white, and with the choice between 0-5 Bar or 0-10 Bar, you can confidently monitor the oil pressure of your boat engine and ensure it always remains within safe limits. Choose this instrument to optimize the performance and lifespan of your motor.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HOPG0552B	0-5 Bar	12 / 24	Black
HOPG0552W	0-5 Bar	12 / 24	White
HOPG1052B	0-10 Bar	12 / 24	Black
HOPG1052W	0-10 Bar	12 / 24	White



## Hollex Oil Temperature Meter

The Hollex Oil Temperature Gauge

A crucial instrument for accurately measuring and monitoring the oil temperature of your boat engine. You can choose between a black or white casing, depending on your aesthetic preference and the style of your boat. This oil temperature gauge is designed to operate within a voltage range of 9-32V and has a measurement range of 150 degrees Celsius.

Key Features:

**Accurate Temperature Measurement:** The oil temperature gauge provides precise measurements of the oil temperature of your boat engine, which is essential for monitoring engine performance and preventing overheating.

**Color Options:** You have the option to choose between a black or white casing to integrate with your boat's interior.

**Wide Voltage Range:** This temperature gauge is suitable for voltages between 9V and 32V, making it compatible with various boat electrical systems.

With the Hollex Oil Temperature Gauge in black or white, and with a measurement range of 150 degrees Celsius and a voltage range of 9-32V, you can confidently monitor the oil temperature of your boat engine and ensure it always remains within safe limits. Choose this instrument to optimize the performance and lifespan of your motor.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HOTG1752B	150°C	12 / 24	Black
HOTG1752W	150°C	12 / 24	White



## Hollex Rudder Angle Meter Type 1

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Resistance	Color
HRAG1952B	40° / 40°	0 - 190 Ohm	Black
HRAG1952W	40° / 40°	0 - 190 Ohm	White



## Hollex Rudder Angle Meter Type 2

**Protection class (IP)** IP67  
**Material** ABS Stainless steel (AISI 316)  
**Type Display** Analog

Item no.	Gauge display	Resistance	Color
HRAG1985B	40° / 40°	0 - 190 Ohm	Black
HRAG1985W	40° / 40°	0 - 190 Ohm	White



## Hollex Digital Tachometer

The Hollex Digital Tachometer

An essential instrument for accurately measuring and monitoring the rotational speed of your boat engine. You have the choice between a black or white casing, depending on your aesthetic preference and the style of your boat. This tachometer is designed to operate within a voltage range of 9-32V.

Key Features:

**Accurate RPM Measurement:** The digital tachometer provides precise measurements of the rotational speed of your boat engine, which is essential for monitoring engine performance.

**Color Options:** You can choose between a black or white casing to integrate with your boat's interior.

**Wide Voltage Range:** This tachometer is suitable for voltages between 9V and 32V, making it compatible with various boat electrical systems.

With the Hollex Digital Tachometer in black or white and a voltage range of 9-32V, you can accurately measure the rotational speed of your boat engine and ensure it performs optimally. Choose this instrument to monitor and maintain an important component of your boat engine.

**Protection class (IP)** IP67  
**Material** ABS Stainless steel (AISI 316)  
**Shape** Round  
**Type Display** Digital

Item no.	Gauge display	Voltage (V)	Color
HDTG2052B	Digitaal	12 / 24	Black
HDTG2052W	Digitaal	12 / 24	White



## Hollex rev/hour Tachometer

The Hollex Tachometer

An essential instrument for accurately measuring and monitoring the rotational speed of your boat engine. You have the choice between a black or white casing, depending on your aesthetic preference and the style of your boat. This tachometer is designed to operate within a voltage range of 9-32V and is available in different variants to meet your specific needs: 0-3000rpm, 0-4000rpm, or 0-6000rpm.

Key Features:

**Accurate RPM Measurement:** The tachometer provides precise measurements of the rotational speed of your boat engine, which is essential for monitoring engine performance.

**Color Options:** You can choose between a black or white casing to integrate with your boat's interior.

**Variants:** You have the option to choose between different RPM ranges, allowing you to select the right one based on your engine and requirements.

**Wide Voltage Range:** This tachometer is suitable for voltages between 9V and 32V, making it compatible with various boat electrical systems.

With the Hollex Tachometer in black or white and the choice between different RPM ranges, you can accurately measure the rotational speed of your boat engine and ensure it performs optimally. Choose this instrument to monitor and maintain an important component of your boat engine.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HTHG3000B	0 - 3000 rpm	12 / 24	Black
HTHG3000W	0 - 3000 rpm	12 / 24	White
HTHG4000B	0 - 4000 rpm	12 / 24	Black
HTHG4000W	0 - 4000 rpm	12 / 24	White
HTHG6000B	0 - 6000 rpm	12 / 24	Black
HTHG6000W	0 - 6000 rpm	12 / 24	White



## Hollex Trim Meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>ABS Stainless steel (AISI 316)</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
HRTG2152B	0 - 190 Ohm	12 / 24	Black
HRTG2152W	0 - 190 Ohm	12 / 24	White



## Exhaust Gas Temperature Meter

**Protection class (IP)** IP67  
**Material** ABS Stainless steel (AISI 316)  
**Shape** Round  
**Type Display** Analog

Item no.	Gauge display	Voltage (V)	Color
HEXM2452B	0 - 80°C	12 / 24	Black
HEXM2452W	0 - 80°C	12 / 24	White



## Hollex Waste Water Level Meter

**Protection class (IP)** IP67  
**Material** ABS Stainless steel (AISI 316)  
**Type Display** Analog

Item no.	Voltage (V)	Resistance	Color
HHTG1152B	12 / 24	240 - 330hm	Black
HHTG1152W	12 / 24	240 - 330hm	White



## Hollex tubelar float Diesel/water

The Hollex Tube Float

A versatile sensor designed to measure the levels of both diesel fuel and water in your boat. With a resistance range of 0 to 190 Ohms, this sensor provides accurate measurements and is suitable for modern onboard instruments.

### Key Features:

Suitable for both diesel fuel and water, making it a flexible choice for various onboard applications.  
Provides accurate measurements, ensuring you're always aware of the levels of diesel fuel or water in your tanks.  
Durable design resistant to the challenging conditions of the maritime environment.

With the Hollex Tube Float for Diesel/Water, you can confidently manage your fuel or water levels and enjoy your time on the water. Choose reliability and versatility with this sensor for your boat.

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Product diameter (mm)</b>	<b>54</b>
<b>Resistance</b>	<b>0 - 190 Ohm</b>

Item no.	Description	Voltage (V)
HFWS150	Hollex universal tank float 150mm 0-190Ohm	12 / 24
HFWS200	Hollex universal tank float 200mm 0-190Ohm	12 / 24
HFWS225	Hollex universal tank float 225mm 0-190Ohm	12 / 24
HFWS250	Hollex universal tank float 250mm 0-190Ohm	12 / 24
HFWS275	Hollex universal tank float 275mm 0-190Ohm	12 / 24
HFWS300	Hollex universal tank float 300mm 0-190Ohm	12 / 24
HFWS350	Hollex universal tank float 350mm 0-190Ohm	12 / 24
HFWS400	Hollex universal tank float 400mm 0-190Ohm	12 / 24
HFWS450	Hollex universal tank float 450mm 0-190Ohm	12 / 24
HFWS500	Hollex universal tank float 500mm 0-190Ohm	12 / 24
HFWS550	Hollex universal tank float 550mm 0-190Ohm	12 / 24
HFWS600	Hollex universal tank float 550mm 0-190Ohm	12 / 24
HFWS650	Hollex universal tank float 650mm 0-190Ohm	12 / 24
HFWS700	Hollex universal tank float 700mm 0-190Ohm	12 / 24
HFWS750	Hollex universal tank float 750mm 0-190Ohm	12 / 24
HFWS800	Hollex universal tank float 800mm 0-190Ohm	12 / 24



## Hollex tubelar float Wastewater

The Hollex Tube Float

Designed for gray water, an essential component for your boat to measure and manage the level of gray water in the tanks. With a resistance range of 240-33 Ohms, this sensor provides accurate measurements and is compatible with modern onboard instruments.

**Key Features:**

Specifically designed for measuring gray water level, making it perfect for onboard sanitation systems. Provides accurate and reliable measurements, ensuring you're always aware of the gray water level onboard. Durable and designed to withstand the challenging conditions of the maritime environment.

With the Hollex Tube Float for Gray Water, you can confidently manage your gray water level and ensure smooth operation of your onboard sanitation systems. Choose precision and reliability with this sensor for your boat.

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Product diameter (mm)</b>	<b>54</b>
<b>Resistance</b>	<b>240 - 33 Ohm</b>

Item no.	Description	Voltage (V)
HWWS200	Hollex waste water level sender L=200mm 240-33Ohm	12 / 24
HWWS225	Hollex waste water level sender L=225mm 240-33Ohm	12 / 24
HWWS275	Hollex waste water level sender L=275mm 240-33Ohm	12 / 24
HWWS300	Hollex waste water level sender L=300mm 240-33Ohm	12 / 24
HWWS400	Hollex waste water level sender L=400mm 240-33Ohm	12 / 24
HWWS450	Hollex waste water level sender L=450mm 240-33Ohm	12 / 24
HWWS500	Hollex waste water level sender L=500mm 240-33Ohm	12 / 24



## Hollex Oil Pressure Sensor

<b>Sensor Type</b>	<b>Pressure sender</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
HOPS0004C	Hollex oil pressure sensor M10x1,0 0-5 bar 0,7 bar WK
HOPS0009C	Hollex oil pressure sensor M10x1,0 0-10 bar 0,5 bar WK
HOPS2002C	Hollex oil pressure sensor MV M10x1,0 0-5 bar
HOPS2003C	Hollex oil pressure sensor MV M10x1,0 0-10 bar
HOPS9001C	Hollex oil pressure sensor M10x10 0-5 bar
HOPS9010C	Hollex oil pressure sensor M10x1,0 0-10 bar





## Hollex Oil Temperature Sensor

<b>Sensor Type</b>	Temperature sensor
<b>Voltage type (VAC / VDC)</b>	VDC
<b>Voltage (V)</b>	12 24

Item no.	Description
HOTS2002D	Hollex oil temperature sensor M14x1,5 150°
HOTS2007D	Hollex oil temperature sensor M14x1,5 150° WK 130°



## Hollex Water Temperature Sensor

<b>Sensor Type</b>	Temperature sensor
<b>Voltage type (VAC / VDC)</b>	VDC
<b>Voltage (V)</b>	12 24

Item no.	Description
HWTS1001N	Hollex water temperature sensor MV M14x1,5 120°
HWTS1006D	Hollex water temperature sensor M14x1.5 120° WK 96°
HWTS1006N	Hollex water temperature sensor M14x1,5 120°



## Hollex Rudder Angle Sensor

<b>Sensor Type</b>	Rudder angle indicator
<b>Voltage type (VAC / VDC)</b>	VDC
<b>Voltage (V)</b>	12 24

Item no.	Description
HRAS0190	Hollex rudder position indicator 1-inst. 0-190Ohm



## Hollex Sensor Reducer

Item no.	Thread	Screw thread
4500045	M10 x 1,0	1/2" BSP
8539910014	M14 x 1,5	M14 x 1,5
8539910018	M10 x 1,0	M18 x 1,5
8539912014	M12 x 1,5	M14 x 1,5
8539914012	M14 x 1,5	M12 x 1,5
8539914016	M14 x 1,5	M16 x 1,5
8539914020	M14 x 1,5	M20 x 1,5
8539914022	M14 x 1,5	M22 x 1,5
8539914038	M14 x 1,5	3/8 - 18 NPTF
8539914058	M14 x 1,5	5/8 x 18UNF
8539914112	M14 x 1,5	1/2" BSP
8539914118	M14 x 1,5	M18 x 1,5
8539978022	7/8 x 18	M22 x 1,5



## VDO ViewLine Trim / Synchro Meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistamce	Color
A2C59514180	Up / Down	12 / 24	84 - 5 Ohm	Black



## VDO ViewLine Ampere Meter

The Ampere meter displays the power consumption and charging current. The Ampere meter operates on the shunt measuring principle. The thin cable between the meter and shunt (not included) can be easily and safely concealed and takes up little space. A 6-meter cable for the shunt is included with the ammeter. The shunt must be ordered separately.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistance	Color
A2C59512328	-60 / +60A	12 / 24	60 mV	Black
A2C59512329	-150 / +150A	12 / 24	60 mV	Black



## VDO ViewLine Drinking Water Level Meter

This water meter displays the water level in the freshwater tank. The choice of freshwater meter is determined by the type of sensor used: a capacitive sensor or a float-type sensor. The capacitive sensor can be adjusted to the tank depth. Because this sensor has no moving parts, it is particularly durable. The material of your tank (plastic or metal) influences the choice of the capacitive sensor. For a metal tank, you need a galvanically isolated level sensor.

Alternatively, you can measure the freshwater level in your tank with a float-type sensor.

Note: After choosing a freshwater level meter, you cannot use another type of sensor!

Item no.	Gauge display	Voltage (V)	Resistance	Color
A2C59514097	0 - 1/1	12 / 24	3 - 180 Ohm	Black
A2C59514192	0 - 1/1	12 / 24	3 - 180 Ohm	White
A2C59514193	Empty - Full	12 / 24	3 - 180 Ohm	White
A2C59514676	0 - 1/1	12 / 24	4 - 20 mA	Black



## VDO ViewLine Cooling Water Temperature Meters

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistance	Color
A2C59514159	40°C - 120°C	12 / 24	287,4 - 22,7 Ohm	Black
A2C59514170	40°C - 120°C / 105°C - 250°F	12 / 24	287.4 - 22.7 Ohm	Black
A2C59514172	40°C - 120°C / 105°C - 250°F	12 / 24	287,4 - 22,7 Ohm	Black
A2C59514237	40°C - 120°C / 105°C - 250°F	12 / 24	287.4 - 22.7 Ohm	White
A2C59514239	40°C - 120°C	12 / 24	287,4 - 22,7 Ohm	White
A2C60000950	120°C	12 / 24		Black



## VDO ViewLine Engine Oil Pressure Meter

The oil pressure gauge displays the pressure of the engine or gearbox oil (see table for measuring range). The instrument comes standard with a red warning LED. The activation value depends on the chosen pressure sensor with warning contact, or you can set it by connecting a makepoint switch to the instrument. More information about the makepoint switch can be found in the Accessories section later in this chapter. The oil pressure of the hydraulic gearbox is an important indication of the overall condition of the gearbox.

AC = Alarm contact

Other VDO sensors available on request.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Description	Color
A2C59514111	Veratron ViewLine Black engine oil pressure gauge 0-10bar/0-150psi RB 52mm	Black
A2C59514114	Veratron ViewLine Black engine oil pressure gauge 0-10bar TB 52mm	Black
A2C59514117	Veratron ViewLine Black engine oil pressure gauge 150psi TB 52mm	Black
A2C59514123	Veratron ViewLine Black engine oil pressure gauge 0-5bar/0-80psi RB 52mm	Black
A2C59514136	Veratron ViewLine Black transmission oil pressure gauge 0-25bar/0-350psi RB 52mm	Black
A2C59514139	Veratron ViewLine Black transmission oil pressure gauge 0-25bar TB 52mm	Black
A2C59514141	Veratron ViewLine Black transmission oil pressure gauge 0-30bar/0-435psi RB 52mm	Black
A2C59514211	Veratron ViewLine White engine oil pressure gauge 0-5bar/0-80psi RW 52mm	White



## VDO ViewLine Fuel Level meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>

Item no.	Description	Color
226801015001G	Veratron lever arm sender fuel 150-600mm	
A2C59514079	Veratron ViewLine Black fuel level gauge 90-4Ω 0-1/2-1/1 RB 52mm	Black
A2C59514082	Veratron ViewLine Black fuel level gauge 3-180Ω 0-1/2-1/1 RB 52mm	Black
A2C59514085	Veratron ViewLine Black fuel level gauge 0-90Ω E-F RB 52mm	Black
A2C59514088	Veratron ViewLine Black fuel level gauge 90-4Ω E-F RB 52mm	Black
A2C59514091	Veratron ViewLine Black fuel level gauge 12/24V 52 F S LT EU DL rb	Black
A2C59514094	Veratron ViewLine Black fuel level gauge 240-33Ω E-F RB 52mm	Black
A2C59514182	Veratron ViewLine White fuel level gauge 90-4Ω 0-1/2-1/1 RW 52mm	White
A2C59514184	Veratron ViewLine White fuel level gauge 3-180Ω 0-1/2-1/1 RW 52mm	White



## VDO ViewLine Oil Temperature Meter

This temperature gauge displays the temperature of the cooling water. The instrument comes standard with a red warning LED. A makepoint switch (see further in this chapter) or a temperature sensor with a switching contact can be connected to this thermometer to activate the warning LED when the temperature exceeds a critical value.

AC = Alarm Contact

Other VDO sensors available on request.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistance	Color
A2C59514160	50°C - 150°C / 120°F - 300°F	12 / 24	322.8 - 18.6 Ohm	Black
A2C59514164	50°C - 150°C	12 / 24	322,8 - 18,6 Ohm	Black



## VDO ViewLine Speed Meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
A2C59501987	12 kn / km/h / mph	12	Black
A2C59501782	35 kn / km/h / mph	12	Black
A2C59501781	70 kn / km/h / mph	12	Black



## VDO ViewLine Tachometer/hour counter

The Viewline tachometers display the engine speed of combustion engines and are available with or without a digital display (LCD). This display can show operating hours, voltage, and time. A programmable warning light is built-in as standard. We can program the tachometers for you. For this, we need the following data: number of pole pairs of the dynamo, diameter of the crankshaft pulley, diameter of the dynamo pulley. The operating hour meter makes it easy for you to comply with the prescribed maintenance program for your engine. The meter only activates when the engine is running, so only the actual hours of engine operation are counted. The operating hour meter cannot be pre-set or reset. The tachometers are suitable for W-connection dynamo. For other input signals, please contact our Sales Parts department. All meters with different measuring ranges are available on request.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
A2C59512390	0 - 3000 rpm	12 / 24	Black
A2C59512391	0 - 4000 rpm	12 / 24	Black
A2C59512392	0 - 5000 rpm	12 / 24	Black
A2C59512393	0 - 6000 rpm	12 / 24	Black
A2C59512396	0 - 3000 rpm	12 / 24	White
A2C59512397	0 - 4000 rpm	12 / 24	White



## VDO ViewLine Tachometer

The Viewline tachometers display the engine speed of combustion engines and are available with or without a digital display (LCD). This display can show operating hours, voltage, and time. A programmable warning light is built-in as standard. We can program the tachometers for you. For this, we need the following data: number of pole pairs of the dynamo, diameter of the crankshaft pulley, diameter of the dynamo pulley. The operating hour meter makes it easy for you to comply with the prescribed maintenance program for your engine. The meter only activates when the engine is running, so only the actual hours of engine operation are counted. The operating hour meter cannot be pre-set or reset. The tachometers are suitable for W-connection dynamo. For other input signals, please contact our Sales Parts department. All meters with different measuring ranges are available upon request.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
A2C59512350	0 - 1800 rpm	12 / 24	Black



## VDO ViewLine Turbo Pressure Meter

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
A2C59514152	0 - 2 bar	12 / 24	Black



## VDO ViewLine Exhaust Gas Temperature Meter

This temperature gauge displays the temperature of exhaust gases in the immediate vicinity of the cylinder head (up to a maximum of 900°C). The instrument measures the dry exhaust gas temperature. This temperature is an indication of the current engine load. An increase in exhaust gas temperature is an important warning signal. Extending the measuring cable can only be done using the compensation cable (N03320268). You can assemble a complete pyrometer set by ordering the following components: instrument, sensor, compensation cable, and welding boss. You are NOT allowed to shorten the standard cable lengths.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistance	Color
A2C59512332	100°C - 900°C	12 / 24	37 mV	Black



## VDO ViewLine Clock

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>

Item no.	Gauge display	Voltage (V)	Color
A2C59513445	Clock	12	Black



## VDO ViewLine Clock

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>

Item no.	Gauge display	Voltage (V)	Color
B00005302	Digitaal	12 / 48	Black





## VDO ViewLine Volt Meter

The voltmeter displays the status of the generator and battery. The meter provides insight into the load and charging state of your battery. You can accurately monitor values that exceed the usual load and strong discharges.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Color
A2C59512545	8 - 16V	12	Black
A2C59512458	18 - 32V	24	Black
A2C59512459	18 - 32V	24	White



## VDO ViewLine Waste Water Level Meter

This gauge displays the water level in the waste water tank. The capacitive sensor can be adjusted to the tank depth, with a maximum depth of 1500 mm. This galvanically isolated, capacitive sensor is equipped with a screw flange, making it easy to install the level sender. The capacitive waste water gauge is standardly supplied by us with an LED alarm level from a tank capacity of 85% and higher. Other values can be set upon request.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Gauge display	Voltage (V)	Resistance	Color
A2C59512342	0 - 1/1	12 / 24	4 - 20 mA	Black



## Veratron Rudder angle sensor

The Viewline rudder angle indicator provides continuous visibility of the rudder position, making it easier to navigate out of harbors and through locks. This instrument is available with an installation diameter of 52 and 85 mm. Only rudder angle instruments with the same diameter can be combined.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Description	Resistance	Color
A2C1102950001	Veratron rudder angle sensor 12/24V 1 instruments		White
A2C1102960001	Veratron rudder angle sensor 12/24V 2 instruments	5 - 90 Ohm	White



## Veratron Viewline Rudder angle sensor

The Viewline rudder angle indicator provides continuous visibility of the rudder position, making it easier to navigate out of harbors and through locks. This instrument is available with an installation diameter of 52 and 85 mm. Only rudder angle instruments with the same diameter can be combined.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Material</b>	<b>Polycarbonate</b>
<b>Shape</b>	<b>Round</b>
<b>Type Display</b>	<b>Analog</b>

Item no.	Description	Resistance	Color
A2C59512410	Veratron ViewLine Black rudder angle indicator -45° / + 45° 85mm	3 - 180 Ohm	Black
A2C59512411	Veratron ViewLine White rudder angle indicator -45° / + 45° 85mm	3 - 180 Ohm	White
A2C59514154	Veratron ViewLine Black rudder angle indicator -40° / + 40° 52mm	3 - 180 Ohm	Black
A2C59514230	Veratron ViewLine White rudder angle indicator -40° / + 40° 52mm	3 - 180 Ohm	White



## VDO Fuel tubelar float

<b>Sensor Type</b>	<b>Fuel tube float</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
N02240802	Fuel tube float	VDC	12 / 24	600



## VDO tubelar float Capacitive freshwater

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
N02240402	Capacitive	VDC	12 / 24	80



## VDO tubelar float Capacitive Wastewater

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
N02240902	Capacitive	VDC	12 / 24	80
N02240904	Capacitive	VDC	12 / 24	600
N02240906	Capacitive	VDC	12 / 24	1200



## VDO tubelar float Capacitive Wastewater

<b>Sensor Type</b>	<b>Capacitive</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
N02240404	Capacitive	VDC	12 / 24	600



## VDO tubelar float 0-180 OHM

Deep Pipe Level Sensor

Sensors come in various lengths, starting from 150mm up to 1200mm. Ensure that the chosen length is at least 4mm away from the base of the fuel tank.

Specifications:

- TE Superseal Connector IP67
- Compensation chamber
- Flange: PA66 GF30
- Cable sleeve with a length of 200mm
- Length: 150mm ~ 1200mm
- 54mm mounting diameter
- IP65 standards

<b>Sensor Type</b>	<b>Fuel tube float</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
A2C1744380001	Fuel tube float	VDC	12 / 24	370
A2C1744470001	Fuel tube float	VDC	12 / 24	460
A2C1745810001	Fuel tube float	VDC	12 / 24	550
A2C1720100001	Fuel tube float	VDC	12 / 24	600
A2C1745880001	Fuel tube float	VDC	12 / 24	800
A2C1745910001	Fuel tube float	VDC	12 / 24	950
A2C1745920001	Fuel tube float	VDC	12 / 24	1000
A2C1745960001	Fuel tube float	VDC	12 / 24	1200



## VDO tubelar float 240-3 OHM

Deep Pipe Level Sensor

Sensors are available in various lengths, ranging from 150mm to 1200mm. Ensure that the chosen length is at least 4mm away from the base of the fuel tank.

Specifications:

- TE Superseal Connector IP67
- Compensation chamber
- Flange: PA66 GF30
- Cable sleeve with a length of 200mm
- Length: 150mm ~ 1200mm
- 54mm mounting diameter
- IP65 standards

<b>Sensor Type</b>	<b>Fuel tube float</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
A2C1747250001	Fuel tube float	VDC	12 / 24	500
A2C1747260001	Fuel tube float	VDC	12 / 24	550



## VDO tubelar float 90-4 OHM

Deep Pipe Level Sensor

Sensors are available in various lengths, ranging from 150mm to 1200mm. Ensure that the chosen length is at least 4mm away from the base of the fuel tank.

Specifications:

- TE Superseal Connector IP67
- Compensation chamber
- Flange: PA66 GF30
- Cable sleeve with a length of 200mm
- Length: 150mm ~ 1200mm
- 54mm mounting diameter
- IP65 standards

<b>Sensor Type</b>	<b>Fuel tube float</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Sensor Type	Voltage type (VAC / VDC)	Voltage (V)	Length (mm)
A2C1750120001	Fuel tube float	VDC	12 / 24	220
A2C1750130001	Fuel tube float	VDC	12 / 24	230
A2C1750170001	Fuel tube float	VDC	12 / 24	240
A2C1750190001	Fuel tube float	VDC	12 / 24	250
A2C1750220001	Fuel tube float	VDC	12 / 24	280
A2C1750250001	Fuel tube float	VDC	12 / 24	310
A2C1750280001	Fuel tube float	VDC	12 / 24	340
A2C1750310001	Fuel tube float	VDC	12 / 24	370
A2C1750320001	Fuel tube float	VDC	12 / 24	380
A2C1750330001	Fuel tube float	VDC	12 / 24	390
A2C1750340001	Fuel tube float	VDC	12 / 24	400
A2C1750380001	Fuel tube float	VDC	12 / 24	430
A2C1750420001	Fuel tube float	VDC	12 / 24	450
A2C1750440001	Fuel tube float	VDC	12 / 24	460
A2C1750500001	Fuel tube float	VDC	12 / 24	500
A2C1750570001	Fuel tube float	VDC	12 / 24	600
A2C1750620001	Fuel tube float	VDC	12 / 24	650
A2C1750650001	Fuel tube float	VDC	12 / 24	700
A2C1750740001	Fuel tube float	VDC	12 / 24	800
A2C1750750001	Fuel tube float	VDC	12 / 24	850
A2C1750840001	Fuel tube float	VDC	12 / 24	1100



## VDO Drinking water lever arm senders

Sensor Type

Fuel lever float

Voltage (V)

12 24

Item no.	Sensor Type	Voltage (V)	Length (mm)
226828001001K	Fuel lever float	12 / 24	200



## VDO Wind Sensor

Item no.	Description
A2C59501983	Veratron Oceanline wind sensor black - after 08/1993
N05800306	Veratron mast head unit rotor - before 08/1993
N05800308	Veratron wind sensor windvane black Old Series - before 08/1993
N05800356	Veratron wind sensor windvane black New Series - after 08/1993
N05801448	Veratron mast head unit rotor - after 08/1993



## Veratron LinkUP

Item no.	Description
B00042401	Veratron LinkUp J1939 to NMEA2000
B00042201	Veratron LinkUp analog to NMEA2000
B00043901	Veratron LinkUp intelligent battery sensor



## VDO Control Box

<b>Brand</b>	<b>Veratron</b>
<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
A2C1824820001	Veratron ECU EngineBox single engine



## VDO Pyrometer Sensor

This temperature gauge displays the temperature of exhaust gases in the immediate vicinity of the cylinder head (up to a maximum of 900°C). The instrument measures the dry exhaust gas temperature. This temperature is an indicator of the actual load on the engine. An increase in exhaust gas temperature is an important warning signal. Extending the measuring cable can only be done using the compensation cable (N03320268). You can assemble a complete pyrometer set by ordering the following components: instrument, sensor, compensation cable, and welding bushing. You are NOT allowed to shorten the standard cable lengths.

Item no.	Description
N03320264	Veratron pyrometer sensor
N03320266	Veratron pyrometer sensor Weld Boss
N03320268	Veratron pyro sensor cable 6mtr





## VDO Accessories

Item no.	Description
4214004	Veratron instrument bulb white 12V/1,2W
4214008	Veratron instrument bulb white 24V/1,2W
A2C59510854	Veratron ViewLine mounting kit 52/85/110mm
B00001201	Veratron flange adapter kit fuel level sensor
B00042301	Veratron LinkUp pyrometer (Sensor N03320264 incl)
B00042501	Veratron LinkUp IBS (Sensor B00043901 included)
N02240406	Veratron fresh water sensor 12/24V tank depth 1200-1500mm
N05800540	Veratron powerboat parts kit 12V bulb
VDO-FLENS80-54	Veratron reducer flange for pipe float 80mm > 54mm



## VDO ViewLine Spinlock

Item no.	Description
A2C53212238	Veratron spinlock nut 85mm ViewLine (B)



## VDO VL Front rings

With the new clip system, the front rings are easy to install. The front rings are available in white, black, and chrome colors. Additionally, each color of front ring is available in a flat, round, or triangular finish. You can also choose to install your instruments without a front ring. For this, you need to order the flush-mount installation kit.

Item no.	Description
A2C53186023	Veratron ViewLine bezel flat chrome 52mm (B)
A2C53186024	Veratron ViewLine bezel triangular black 52mm (B)
A2C53186025	Veratron ViewLine bezel triangular white 52mm (B)
A2C53186026	Veratron ViewLine bezel triangular chrome 52mm (B)
A2C53186027	Veratron ViewLine bezel round black 52mm (B)
A2C53186029	Veratron ViewLine bezel round chrome 52mm (B)
A2C53186040	Veratron ViewLine bezel flat black 52mm (B)
A2C53192910	Veratron ViewLine bezel flat chrome 85mm (B)
A2C53192911	Veratron ViewLine bezel flat black 85mm (B)
A2C53192913	Veratron ViewLine bezel round black 85mm (B)
A2C53192914	Veratron ViewLine bezel round chrome 85mm (B)
A2C53192916	Veratron ViewLine bezel round white 85mm (B)
A2C53192917	Veratron ViewLine bezel triangular black 85mm (B)
A2C53192918	Veratron ViewLine bezel triangular chrome 85mm (B)



## VDO Sumlog Accessories

Item no.	Description
270023001002K	Veratron sumlog SL sensor long 18kn
270023004002K	Veratron sumlogger 0-30 knots without thru-hull connection
270023005002K	Veratron sumlogger 0-50 knots without thru-hull connection
270023005003D	Veratron paddle wheel 8/12/18 knots
270023005005D	Veratron paddle wheel 30/50 knots

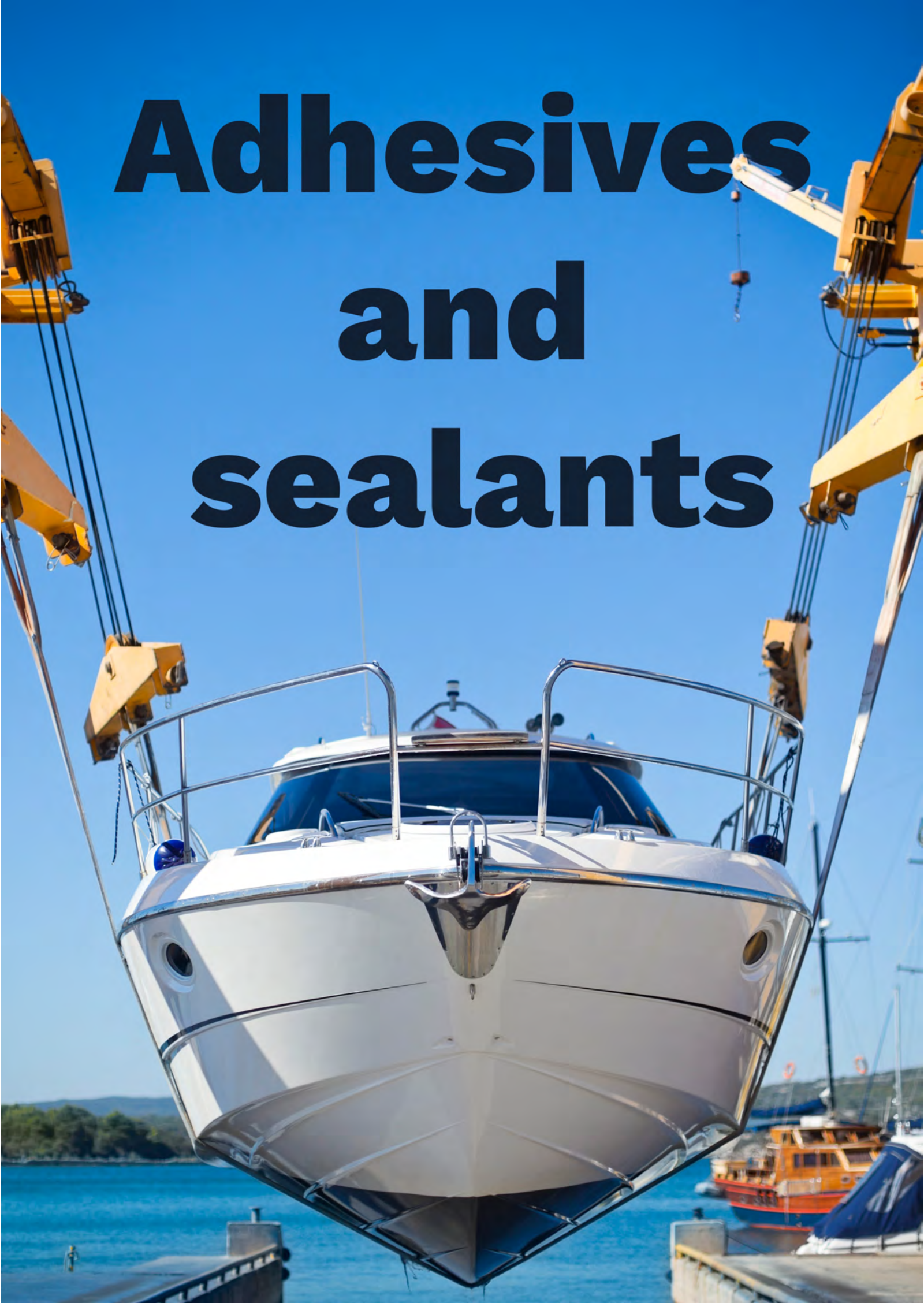


## VDO ViewLine Shunt

A shunt is a measuring resistor that causes a small voltage drop. This voltage drop in millivolts is directly proportional to the current in amperes passing through the resistor. This voltage is measured by the ammeter. The advantage of a shunt is that for larger currents (>10A), there is no need to lay hefty cables to the measuring instrument to measure the total current in the instrument itself. Now, it is sufficient to use two thin measuring wires from the instrument to the shunt, which should be included in the positive line of the main power system. Suitable for both 12V and 24V systems.

Item no.	Description
A2C59514043	Veratron ammeter shunt 60A/60MV single
A2C59514047	Veratron ammeter shunt 150A/60MV single

# **Adhesives and sealants**





## Bostik Cleaner 14

**Color** Transparent

Item no.	Description
22100S	Bostik cleaner 14 transparent/can 1000ml



## Bostik MSR Cleaner E

For cleaning various surfaces and removing uncured adhesive and sealant residues.

**Color** Transparent

Item no.	Description
23360S	Bostik MSR cleaner E can 500ml



## Bostik Prep P

Prep P can be used on untreated wooden surfaces and other porous ones surfaces.

Item no.	Description
23300S	Bostik MSR Prep P can 500ml



## Bostik Prep M

Prep M is a wash primer (degreaser) with adhesion improver for closed surfaces surfaces such as metals. Prep M can therefore be easily processed at high temperatures or with other heavy loads on the metal. Also holds under humid conditions

Item no.	Description
22110S	Bostik MSR Prep M can 500ml

## Bostik Prep K

Item no.	Description
22830S	Bostik MSR Prep K can 500ml



## Bostik Prep G

Prep G is a primer for glass with intensive UV exposure.

Item no.	Description
602131	Bostik MSR Prep G Plus can 250ml
603148	Bostik MSR Prep G Plus can 1ltr



## Bostik Simsontix Glue

Simsontix is a high-quality adhesive paste based on neoprene rubber. It is particularly suitable for bonding non-self-adhesive sound insulation panels. We recommend using Simsontix indoors only.

Item no.	Description
023461	Bostik Simsontix glue can 750 ml
023462	Bostik Simsontix glue can 5 ltr



## Bostik Kit ISR

Item no.	Description
132171PS	Bostik glue (SMP) ISR70-03 black 290ml/pc



## Bostik Woodfix

Bostik wood adhesives are ready-to-use water-resistant 1-component wood adhesives for bonding various types of planed and rough wood. Woodfix and Construction fix are liquid adhesives.

Item no.	Description
606089	Bostik Woodfix D3 bucket 5 kg
606090PS	Bostik Woodfix D3 flask 750 gr/pc

## Bostik MSR Fast Tack

This fast-curing adhesive based on SMP remains elastic at temperatures between -40°C and +100°C. It is used for bonding ship windows, rubbing strakes, deck hatches, bulkheads, fittings, deck/hull joints, etc. It is compatible with most industrial paint systems. When used on clean, dry, dust- and grease-free surfaces of aluminum, stainless steel, galvanized steel, copper, brass, powder-coated metal, PVC, glass, fiberglass-reinforced polyester, and painted wood, no pretreatment is necessary. For other applications, pretreat with Prep M or G (see Primers). Sold individually or in boxes of 12 pieces.

Item no.	Description
621987PS	Bostik MSR Fast Tack black 290 ml/pc

## Bostik MSR Deck Caulk Advanced

One-component, fast-curing adhesive and sealant based on SMP. Remains permanently elastic at temperatures between -40°C and +100°C. Bostik Deck Caulk can be used for waterproof sealing of seams in various decks. It is long-term resistant to fresh and saltwater and is easily sandable after curing. Teakwood should be pretreated with Cleaner E and Prep P (see Primers and cleaners). Only available in black. Sold individually or in boxes of 12 pieces.

Item no.	Description
621884PS	Bostik MSR deck caulk advanced black 290 ml/pc
604732PS	Bostik MSR deck caulk advanced black 600 ml/pc

## Bostik Contact Adhesive

Item no.	Description
602765	Bostik contact adhesive NE486 beige can 1000ml



## Bostik MSR Construction Adhesive

Item no.	Description
134660PS	Bostik MSR construction adhesive brown 290 ml/pc
622057PS	Bostik MSR construction adhesive black 290 ml/pc
622125PS	Bostik MSR construction adhesive black 600 ml/pc



## Bostik MSR Bedding Compound

Item no.	Description
620224PS	Bostik MSR bedding compound grey 290 ml/pc
133050PS	Bostik MSR bedding compound grey 600 ml/pc
619405PS	Bostik MSR construction adhesive grey 290 ml/pc
619399PS	Bostik MSR construction adhesive white 290 ml/pc
620060PS	Bostik MSR construction adhesive white 600ml/pc
619262PS	Bostik glue (SMP) ISR70-03 white 290 ml/pc





# Electric Outboard Motors



**WOLONG**  
*Power your future*

## WOLONG MARINE

---

### Wolong Flowstar Outboard Motor: choose sustainability, comfort and lower costs

Introducing the power of the future with the new Flowstar electric outboard motors by Wolong! Wolong, one of the world's top three manufacturers of electric motors and drives, ensures quality and reliability in every Flowstar motor. Flowstar motors are equipped with the latest technologies and offer a choice between 1.0 and 1.5 kW motor power - equivalent to approximately 3 and 4 to 5 HP of a combustion engine. Available in both short shaft (type S) and long shaft (type L) versions, also available with remote control. These models feature an integrated removable lithium battery.



## Product Range

### Outboard



Flowstar 1kW



Flowstar 1.5 kW

### Pod



epod 1.5 kW

### Control



Tiller



Dual mount control



Remote control console



Side mount control

### Interface



WMG 30



WMG 70

### Battery



Flowstar 960wh battery



48V 4.5kWh battery



## Wolong Flowstar 1.0

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>48</b>
<b>Battery type</b>	<b>Lithium accu</b>
<b>Speed (rpm)</b>	<b>1200</b>
<b>Protection class (IP)</b>	<b>67</b>

Item no.	Description
1048960ST	Wolong Flowstar 1.0 short with tillerarm/battery



## Wolong Flowstar 1.5

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>48</b>
<b>Battery type</b>	<b>Lithium accu</b>
<b>Speed (rpm)</b>	<b>1800</b>
<b>Protection class (IP)</b>	<b>67</b>

Item no.	Description
1548960LR	Wolong Flowstar 1.5 long with remote/battery
1548960LT	Wolong Flowstar 1.5 long with tillerarm/battery
1548960SR	Wolong Flowstar 1.5 short with remote/battery
1548960ST	Wolong Flowstar 1.5 short with tillerarm/battery



## Wolong POD

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Voltage (V)</b>	<b>48</b>
<b>Battery type</b>	<b>Lithium accu</b>
<b>Speed (rpm)</b>	<b>1800</b>

Item no.	Description
1548000POD	Wolong Flowstar E-POD 1.5kW whitout remote/battery

## Wolong Flowstar Accessoires

Item no.	Description
1015102	Wolong Flowstar propeller mounting sleeve
1548111	Wolong Flowstar console topmount remote control
1548101	Wolong Flowstar 3-blades propellor (for 1.5kW)
1548000ST	Wolong Flowstar 1.5 short whitout tillerarm/battery
1548000SR	Wolong Flowstar 1.5 short whitout remote/battery
1548000LT	Wolong Flowstar 1.5 long whitout tillerarm/battery
10481520	Wolong Flowstar lithium-ion battery 960Wh/48VDC
1048101	Wolong Flowstar 2-blades propellor (for 1kW)
1048000ST	Wolong Flowstar 1.0 short whitout tillerarm/battery
1015121	Wolong Flowstar remote kill switch
1015120	Wolong Flowstar communication extension cable 5m
1015119	Wolong Flowstar communication cable T-type
1015118	Wolong Flowstar clamp screw assembly
1548112	Wolong Flowstar sidemount remote control + WMG-30
1015117	Wolong Flowstar transom bracket
1015115	Wolong Flowstar battery harness
1015114	Wolong Flowstar foldable solarpanel 320W incl. charger
1015112	Wolong Flowstar tillerarm safety switch cord
1015111	Wolong Flowstar tiller handle with rubber
1015110	Wolong Flowstar tillerarm
1015109	Wolong Flowstar anode set
1015108	Wolong Flowstar motor cowling
1015107	Wolong Flowstar external battery cable
1015106	Wolong Flowstar motor bag
1015105	Wolong Flowstar battery bag
1015104	Wolong Flowstar super charger 10A
1015103	Wolong Flowstar charger 3.5A
1015116	Wolong Flowstar bracket pin AISI
1548113	Wolong Flowstar Dual engine remote control



# Motor Control





## Electronic Control Systems

Control Systems for any type of marine engine propulsion system, whether it be electronic, mechanical, inboard, or outboard.





## Maxflex Topcontrol Type TC

For top mounting.

The TC Single can control one gearbox or one engine. The TC Twin is suitable for controlling one gearbox and one engine or two gearboxes or two engines. The TC controls are "heavy duty" controls and have a built-in brake.

Item no.	Description
31001	Maxflex TC Single topcontrol for accelerator
31002	Maxflex TC Single topcontrol for coupling
36468	Maxflex TC Twin topcontrol accelerator/coupling
36469	Maxflex TC Twin topcontrol accelerator/accelerator
36470	Maxflex TC Twin topcontrol coupling/coupling



## Maxflex Topcontrol Type TS

For top mounting.

Type TS Single is suitable for controlling one engine and one gearbox.

Type TS Twin is suitable for controlling two engines and two gearboxes.

The Pretech TS Single and TS Twin control units are supplied complete with all necessary mounting materials and connection parts for the MAXFLEX 3300, 33c, Extreme, and Supreme cables.

Item no.	Description
308601	Maxflex topcontrol TS 33c/43c/extreme
308602	Maxflex topcontrol TS Twin 33c/43c/extreme
378742	Maxflex kit 4300 for TS control

## Hollex DS Unit

With a DS unit, you can independently control your engine from two separate locations. Two DS units are required per engine. The Exalto DS unit is suitable for one throttle control or one hydraulic gearbox. Made of stainless steel and brass.

Item no.	Description
2208	# Hollex DS unit 33c





## Kobelc Cable 43c



Item no.	Cable L (ft)	Cable L (m)
2298-00.500	2	0.5
2298-01.000	3	1
2298-01.500	5	1.5
2298-02.000	7	2
2298-02.500	8	2.5
2298-03.000	10	3
2298-03.500	11	3.5
2298-04.000	13	4
2298-04.500	15	4.5
2298-05.000	16	5
2298-05.500	18	5.5
2298-06.000	20	6
2298-06.500	21	6.5
2298-07.000	23	7
2298-07.500	25	7.5
2298-08.000	26	8
2298-08.500	28	8.5
2298-09.000	30	9
2298-09.500	31	9.5
2298-10.000	33	10



### Kobelc Cable 33c

Item no.	Cable L (ft)	Cable L (m)
2295-00.500	2	0.5
2295-01.000	3	1
2295-01.500	5	1.5
2295-02.000	7	2
2295-02.500	8	2.5
2295-03.000	10	3
2295-03.500	11	3.5
2295-04.000	13	4
2295-04.500	15	4.5
2295-05.000	16	5
2295-05.500	18	5.5
2295-06.000	20	6
2295-06.500	21	6.5
2295-07.000	23	7
2295-07.500	25	7.5
2295-08.000	26	8
2295-09.000	30	9
2295-09.500	31	9.5
2295-10.000	33	10
2295-10.500	34	10.5
2295-11.000	36	11
2295-11.500	38	11.5
2295-12.000	39	12
2295-12.500	41	12.5
2295-13.000	43	13
2295-14.000	46	14
2295-15.000	49	15
2295-20.000	66	20

### Maxflex Cable 3300, 33C

Corrosion resistant construction and high efficiency. Durable UV-resistant outers resist abrasion and withstand the effects of salt water, petrol and oil. Each cable is lifetime lubricated and sealed at the factory.

Pretech cables are suitable for replacement of other cables, the threads and connections are identical.

Min. bend radius ("/mm)

8/203

<b>Bend radius (inch)</b>	<b>8</b>
<b>Thread</b>	<b>10-32 UNF</b>
<b>Pull force (kg)</b>	<b>70</b>
<b>Push force (kg)</b>	<b>38</b>
<b>Travel length (inch/mm)</b>	<b>3/75</b>
<b>stroke (inch)</b>	<b>3</b>

Item no.	Cable L (ft)	Cable L (m)
3300100	3	1
3300125	4	1.25
3300150	5	1.5
3300175	6	1.75
3300200	7	2
3300225	7	2.25
3300250	8	2.5
3300275	9	2.75
3300300	10	3
3300325	11	3.25
3300350	11	3.5
3300375	12	3.75
3300400	13	4
3300425	14	4.25
3300450	15	4.5
3300475	16	4.75
3300500	16	5
3300525	17	5.25
3300550	18	5.5
3300575	19	5.75
3300600	20	6
3300625	21	6.25
3300650	21	6.5
3300675	22	6.75
3300700	23	7
3300725	24	7.25
3300750	25	7.5
3300775	25	7.75
3300800	26	8
3300825	27	8.25
3300850	28	8.5

Item no.	Cable L (ft)	Cable L (m)
3300875	29	8.75
3300900	30	9
3300925	30	9.25
3300950	31	9.5
3300975	32	9.75
33001000	33	10
33001050	34	10.5
33001100	36	11
33001150	38	11.5
33001200	39	12
33001250	41	12.5
33001300	43	13
33001350	44	13.5
33001400	46	14
33001450	48	14.5
33001500	49	15
33001600	52	16
33001700	56	17
33001800	59	18
33001900	62	19
33002000	66	20
33002100	69	21
33002200	72	22

## Maxflex Cable Extreme Type 395

<b>Min. bend radius ("/mm)</b>	<b>8/203</b>
<b>Bend radius (inch)</b>	<b>8</b>
<b>Pull force (kg)</b>	<b>90</b>
<b>Push force (kg)</b>	<b>48</b>
<b>Travel length (inch/mm)</b>	<b>3/75</b>
<b>stroke (inch)</b>	<b>3</b>

Item no.	Cable L (ft)	Cable L (m)
MF-39505	5	1.52
MF-39506	6	1.83
MF-39507	7	2.14
MF-39508	8	2.45
MF-39509	9	2.75
MF-39510	10	3.05
MF-39511	11	3.35
MF-39512	12	3.65
MF-39513	13	3.95
MF-39514	14	4.25
MF-39515	15	4.6
MF-39516	16	4.9
MF-39517	17	5.2
MF-39518	18	5.5
MF-39519	19	5.8
MF-39520	20	6.1



## Maxflex Cable 4300, 43C

Corrosion resistant construction and high efficiency. Durable UV-resistant outers resist abrasion and withstand the effects of salt water, petrol and oil. Each cable is lifetime lubricated and sealed at the factory. Pretech cables are suitable for replacement of other cables, the threads and connections are identical.

<b>Min. bend radius ("/mm)</b>	<b>8/203</b>
<b>Bend radius (inch)</b>	<b>8</b>
<b>Thread</b>	<b>1/4-28 UNF</b>
<b>Pull force (kg)</b>	<b>90</b>
<b>Push force (kg)</b>	<b>48</b>
<b>Travel length (inch/mm)</b>	<b>3/75</b>
<b>stroke (inch)</b>	<b>3</b>

Item no.	Cable L (ft)	Cable L (m)
6500100	3	1
6500125	4	1.25
6500150	5	1.5



Item no.	Cable L (ft)	Cable L (m)
6500175	6	1.75
6500200	7	2
6500225	7	2.25
6500250	8	2.5
6500275	9	2.75
6500300	10	3
6500325	11	3.25
6500350	11	3.5
6500375	12	3.75
6500400	13	4
6500425	14	4.25
6500450	15	4.5
6500475	16	4.75
6500500	16	5
6500525	17	5.25
6500550	18	5.5
6500575	19	5.75
6500600	20	6
6500625	21	6.25
6500650	21	6.5
6500675	22	6.75
6500700	23	7
6500725	24	7.25
6500750	25	7.5
6500775	25	7.75
6500800	26	8
6500825	27	8.25
6500850	28	8.5
6500875	29	8.75
6500900	30	9
6500925	30	9.25
6500950	31	9.5
6500975	32	9.75
65001000	33	10
65001050	34	10.5

Item no.	Cable L (ft)	Cable L (m)
65001100	36	11
65001150	38	11.5
65001200	39	12
65001250	41	12.5
65001300	43	13
65001350	44	13.5
65001400	46	14
65001450	48	14.5
65001500	49	15
65001600	52	16
65001700	56	17
65001800	59	18
65001900	62	19
65002000	66	20
65002100	69	21
65002200	72	22

## Maxflex Cable Extreme GEN II

Item no.	Cable L (ft)	Cable L (m)
MF-53005	5	1.52
MF-53006	6	1.83
MF-53007	7	2.14
MF-53008	8	2.45
MF-53009	9	2.75
MF-53010	10	3.05
MF-53011	11	3.35
MF-53012	12	3.65
MF-53013	13	3.95
MF-53014	14	4.25
MF-53015	15	4.6
MF-53016	16	4.9
MF-53017	17	5.2
MF-53018	18	5.5
MF-53019	19	5.8
MF-53020	20	6.1



## Maxflex Cable Extreme

Corrosion resistant construction and high efficiency. Durable UV-resistant outers resist abrasion and withstand the effects of salt water, petrol and oil. Each cable is lifetime lubricated and sealed at the factory.

Pretech cables are suitable for replacement of other cables, the threads and connections are identical.

<b>Min. bend radius ("/mm)</b>	<b>6/152,4</b>
<b>Bend radius (inch)</b>	<b>6</b>
<b>Thread</b>	<b>10-32 UNF</b>
<b>Pull force (kg)</b>	<b>90</b>
<b>Push force (kg)</b>	<b>48</b>
<b>Travel length (inch/mm)</b>	<b>3/75</b>
<b>stroke (inch)</b>	<b>3</b>

Item no.	Cable L (ft)	Cable L (m)
6300100	3	1
6300125	4	1.25
6300150	5	1.5
6300175	6	1.75
6300200	7	2
6300225	7	2.25
6300250	8	2.5
6300275	9	2.75
6300300	10	3
6300325	11	3.25
6300350	11	3.5
6300375	12	3.75
6300400	13	4
6300425	14	4.25
6300450	15	4.5
6300475	16	4.75
6300500	16	5
6300525	17	5.25
6300550	18	5.5
6300575	19	5.75
6300600	20	6
6300625	21	6.25
6300650	21	6.5
6300675	22	6.75
6300700	23	7
6300725	24	7.25



Item no.	Cable L (ft)	Cable L (m)
6300750	25	7.5
6300775	25	7.75
6300800	26	8
6300825	27	8.25
6300850	28	8.5
6300875	29	8.75
6300900	30	9
6300925	30	9.25
6300950	31	9.5
6300975	32	9.75
63001000	33	10
63001050	34	10.5
63001100	36	11
63001150	38	11.5
63001200	39	12
63001250	41	12.5
63001300	43	13
63001350	44	13.5
63001400	46	14
63001450	48	14.5
63001500	49	15
63001600	52	16
63001700	56	17
63001800	59	18
63001900	62	19
63002000	66	20
63002100	69	21
63002200	72	22

## Maxflex Cable Type 639 Mercury GEN I

Min. bend radius ("/mm)	8/203
Bend radius (inch)	8
Pull force (kg)	90
Push force (kg)	48
Travel length (inch/mm)	3/75
stroke (inch)	3

Item no.	Cable L (ft)	Cable L (m)
MF-63905	5	1.52
MF-63906	6	1.83
MF-63907	7	2.14
MF-63908	8	2.45
MF-63909	9	2.75
MF-63910	10	3.05
MF-63911	11	3.35
MF-63912	12	3.65
MF-63913	13	3.95
MF-63914	14	4.25
MF-63915	15	4.6
MF-63916	16	4.9
MF-63917	17	5.2
MF-63918	18	5.5
MF-63919	19	5.8
MF-63920	20	6.1
MF-63921	21	6.4
MF-63922	22	6.71
MF-63923	23	7.01
MF-63924	24	7.32
MF-63925	25	7.62
MF-63926	26	7.92
MF-63927	27	8.23
MF-63928	28	8.53
MF-63930	29	8.84
MF-63929	30	9.14

## Maxflex Cable Extreme Type 395

Min. bend radius ("/mm)	8/203
Bend radius (inch)	8
Pull force (kg)	90

**Push force (kg)** 48  
**Travel length (inch/mm)** 3/75  
**stroke (inch)** 3

Item no.	Cable L (ft)	Cable L (m)
MF-69505	5	1.52
MF-69506	6	1.83
MF-69507	7	2.14
MF-69508	8	2.45
MF-69509	9	2.75
MF-69510	10	3.05
MF-69511	11	3.35
MF-69512	12	3.65
MF-69513	13	3.95
MF-69514	14	4.25
MF-69515	15	4.6
MF-69516	16	4.9
MF-69517	17	5.2
MF-69518	18	5.5
MF-69519	19	5.8
MF-69520	20	6.1
MF-69521	21	6.4
MF-69522	22	6.7
MF-69523	23	7
MF-69524	24	7.3
MF-69525	25	7.6
MF-69526	26	7.93
MF-69527	27	8.23
MF-69528	28	8.54
MF-69529	29	8.85
MF-69530	30	9.15
MF-39521	21	6.4
MF-39522	22	6.7
MF-39523	23	7
MF-39524	24	7.3
MF-39525	25	7.6
MF-39526	26	7.93
MF-39527	27	8.23

Item no.	Cable L (ft)	Cable L (m)
MF-39528	28	8.54
MF-39529	29	8.85
MF-39530	30	9.15

### Connection material for 3300, 33C

Item no.	Description
2227.01	Maxflex ball joint 33c model K
2227.02	Maxflex ball joint 33c model G
2238	Maxflex pivot for 33c cable
2252	Maxflex double cable clamp 33c
331980	Maxflex terminal eye 3300C

### Connection material for 4300, 43C

Item no.	Description
2212	Maxflex terminal eye 43c
2214	Maxflex end clamp 43c/4300C
2228	Maxflex ball joint 43c
2239	Maxflex pivot for 43c cable

### Connection material for Outboards and Sterndrives

Item no.	Description
MF-30055	Maxflex OMC sterndrive cable adapter
MF-30107	Maxflex Mercury control adapter
MF-30172	Maxflex Johnson/Evinrude cable adapter
MF-30190	Maxflex Mercury outboard cable adapter
MF-30212	Maxflex Mercury sterndrive cable adapter
MF-30493	Maxflex OMC control adapter

### Hollex Connection material for 3300, 33C

Item no.	Description
2224.01	Hollex fork end 33c small
331538-1	Hollex plate for end clamp 3300C/4300C (revised)
332010-1	Hollex end clamp 3300C (revised)



### Stop System Parts

Item no.	Description
2200.015	T-knob for regular 33c cables
31780	Maxflex T-knob only for original stop system



### Stop cable

To be used as an engine stop control or choke cable. Equipped with a connection pivot and red knob.

Item no.	Description
3180250	Maxflex stop cable 2,5mtr
3180400	Maxflex stop cable 4mtr
3180500	Maxflex stop cable 5mtr
3180800	Maxflex stop cable 8mtr
3180900	Maxflex stop cable 9mtr
31801000	Maxflex stop cable 10mtr



### Maxflex Stop button Type SD

The SD control can be used as a stop button or throttle control for top mounting. With this control, MAXFLEX 3300 or 33c cables are suitable as stop cables. All visible parts are chrome-plated. The corresponding surface-mount housing is made of stainless steel for side mounting.

Item no.	Description
31916	Maxflex SD control 33c
31917	Maxflex bracket for control type SD 33c





## MOB xTAG

Everyone can carry their xFOB in their own way. This can be with a wristband or this xTAG. The xTAG set consists of a lanyard with a silicone holder for the xTAG (transmitter) and a black clip. Wear the xTAG with the lanyard or with a clip on your clothing or life jacket.

Item no.	Description
72.380.307	Fell Marine MOB+™ xTAG™ red



## MOB+ xBAND

Comfortable wristband for carrying your xFOB. The wristband is made of silicone and features a stainless steel buckle. Available in various colors.

Item no.	Description
72.380.301	Fell Marine MOB+™ xBAND™ red
72.380.302	Fell Marine MOB+™ xBAND™ black
72.380.303	Fell Marine MOB+™ xBAND™ blue
72.380.304	Fell Marine MOB+™ xBAND™ yellow
72.380.305	Fell Marine MOB+™ xBAND™ pink



## MOB+ Multi Engine Harness Kit

Item no.	Description
72.380.401	Fell Marine MOB+™ multiple engine harness

## MOB+ Basic Set

The MOB+™ Wireless Man Overboard system is an innovative, ABYC-compliant, life-saving safety device for your boat. It offers greater freedom of movement than traditional kill switch wires. The system consists of an easy-to-install xHUB™ (mounted on or near the boat console) and a portable xFOB™. The two communicate wirelessly with each other and stop the engine when the xFOB is submerged in water or out of range of the xHUB. The xFOB™ can be worn on your wrist, around your neck, or on your PFD using our xBAND™ or xTAG™ accessories. Up to four xFOBs can be connected to the xHUB simultaneously, with one unit acting as the captain's kill switch and the additional three as alarm units for passengers. The xFOB™ has over 300 hours of battery life and is powered by a simple coin cell battery. The xHUB™ connects to your boat's power (12V-24V) and to your engine kill switch system. Intuitive and easy to use via a one-click user interface. Compatible with all major outboard brands and most sterndrive engine brands.

- Basepack Kit includes 1 xHUB, 1 xFOB, 1 Wire Harness, 1 set of waterproof connectors
- xFOB can be worn using an xBAND or xTAG (sold separately)
- xHUB requires a standard 2 1/16 inch diameter opening for console mounting or bracket
- xHUB is connected to the boat's 12-24v DC power and to your current kill switch wires
- Meets ABYC A-33, E11, CE & FCC requirements



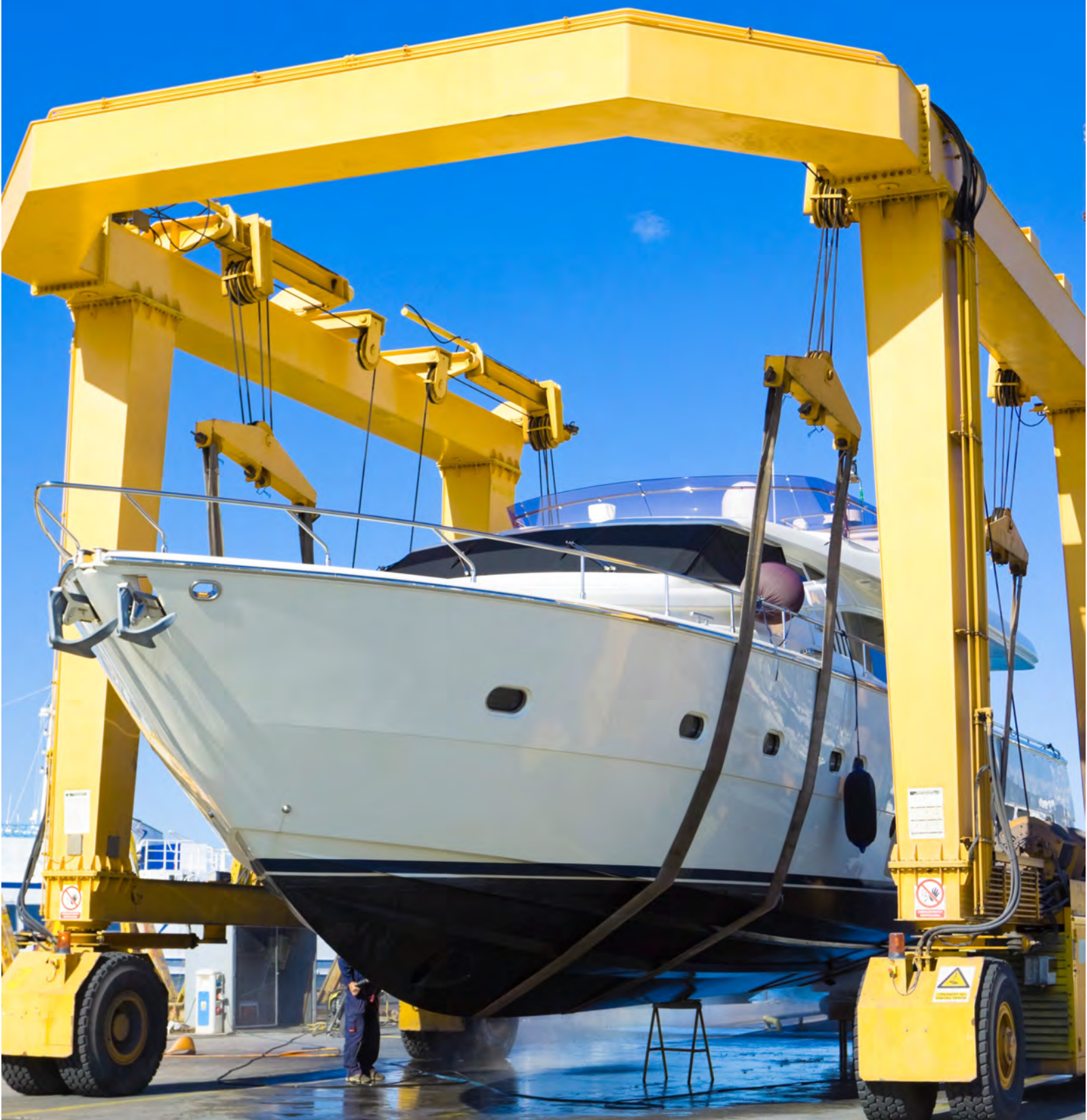
Item no.	Description
72.380.116	Fell Marine MOB+™ basic set wireless kill switch incl. transmitter

## Hollex Emergency Stop Switch

Item no.	Description
827001	Hollex kill switch with coiled cord Yamaha
TG-01001	Hollex emergency stop switch inboard
TG-01002	Hollex emergency stop switch outboard



# Steering Cables







## Accessories Cable control

Item no.	Description
SF370480	Maxflex cable guide 290mm
SF700024	Maxflex tilt set 3000 Generation II twin
SF700014	Maxflex tilt set 3000 Generation II single
SF370633	Maxflex swivel
SF370623	Maxflex cable outlet for 12" steering cable
SF370621	Maxflex tillerarm AISI
SF370619	Maxflex balljoint AISI for steering cable
SF370618	Maxflex swivel kit (incl. bolts)
SF370617	Maxflex transom mounting set Z-drive low
SF370616	Maxflex transom mounting set Z-drive high
SF370614	Maxflex transom mounting set Z-drive Volvo
SF370613	Maxflex kit transom mounting kit
SF370611	Maxflex kit mounting AISI
SF370610	Maxflex transom mounting set
SF370483	Maxflex support tube AISI 290mm
SF370481	Maxflex splitted ball
SF370480-2	Maxflex bushing nylon for cable guide
SF370480-1	Maxflex end cap cable guide black rubber
SF700044	Maxflex tilt set ZTS Generation II single
SF700054	Maxflex tilt set ZTS Generation II twin

## Steering system 3000 Generation II

Item no.	Description	Length (ft)	Power hp
SF315006	Steering system 3000 Generation II/6ft	6	max. 250
SF315007	Steering system 3000 Generation II/7ft	7	max. 250
SF315008	Steering system 3000 Generation II/8ft	8	max. 250
SF315009	Steering system 3000 Generation II/9ft	9	max. 250
SF315010	Steering system 3000 Generation II/10ft	10	max. 250
SF315011	Steering system 3000 Generation II/11ft	11	max. 250
SF315012	Steering system 3000 Generation II/12ft	12	max. 250
SF315013	Steering system 3000 Generation II/13ft	13	max. 250
SF315014	Steering system 3000 Generation II/14ft	14	max. 250
SF315015	Steering system 3000 Generation II/15ft	15	max. 250
SF315016	Steering system 3000 Generation II/16ft	16	max. 250
SF315017	Steering system 3000 Generation II/17ft	17	max. 250
SF315018	Steering system 3000 Generation II/18ft	18	max. 250
SF315019	Steering system 3000 Generation II/19ft	19	max. 250
SF315020	Steering system 3000 Generation II/20ft	20	max. 250
SF315021	Steering system 3000 Generation II/21ft	21	max. 250
SF315022	Steering system 3000 Generation II/22ft	22	max. 250
SF315023	Steering system 3000 Generation II/23ft	23	max. 250
SF315024	Steering system 3000 Generation II/24ft	24	max. 250
SF315025	Steering system 3000 Generation II/25ft	25	max. 250
SF315026	Steering system 3000 Generation II/26ft	26	max. 250
SF315027	Steering system 3000 Generation II/27ft	27	max. 250
SF315028	Steering system 3000 Generation II/28ft	28	max. 250
SF315029	Steering system 3000 Generation II/29ft	29	max. 250
SF315030	Steering system 3000 Generation II/30ft	30	max. 250





### Steering system LT

Item no.	Description	Length (ft)	Power hp
SF208005	Steering system LT/5ft	5	max. 55
SF208006	Steering system LT/6ft	6	max. 55
SF208007	Steering system LT/7ft	7	max. 55
SF208008	Steering system LT/8ft	8	max. 55
SF208009	Steering system LT/9ft	9	max. 55
SF208010	Steering system LT/10ft	10	max. 55
SF208011	Steering system LT/11ft	11	max. 55
SF208012	Steering system LT/12ft	12	max. 55
SF208013	Steering system LT/13ft	13	max. 55
SF208014	Steering system LT/14ft	14	max. 55
SF208015	Steering system LT/15ft	51	max. 55
SF208016	Steering system LT/16ft	61	max. 55
SF208017	Steering system LT/17ft	17	max. 55
SF208018	Steering system LT/18ft	18	max. 55
SF208019	Steering system LT/19ft	19	max. 55
SF208020	Steering system LT/20ft	20	max. 55

## Steering system ZTS Generation II

Item no.	Description	Length (ft)	Power hp
SF560006	Steering system ZTS Generation II/6ft	6	max. 250
SF560007	Steering system ZTS Generation II/7ft	7	max. 250
SF560008	Steering system ZTS Generation II/8ft	8	max. 250
SF560009	Steering system ZTS Generation II/9ft	9	max. 250
SF560010	Steering system ZTS Generation II/10ft	10	max. 250
SF560011	Steering system ZTS Generation II/11ft	11	max. 250
SF560012	Steering system ZTS Generation II/12ft	12	max. 250
SF560013	Steering system ZTS Generation II/13ft	13	max. 250
SF560014	Steering system ZTS Generation II/14ft	14	max. 250
SF560015	Steering system ZTS Generation II/15ft	15	max. 250
SF560016	Steering system ZTS Generation II/16ft	16	max. 250
SF560017	Steering system ZTS Generation II/17ft	17	max. 250
SF560018	Steering system ZTS Generation II/18ft	18	max. 250
SF560019	Steering system ZTS Generation II/19ft	19	max. 250
SF560020	Steering system ZTS Generation II/20ft	20	max. 250
SF560021	Steering system ZTS Generation II/21ft	21	max. 250
SF560022	Steering system ZTS Generation II/22ft	22	max. 250
SF560023	Steering system ZTS Generation II/23ft	23	max. 250
SF560024	Steering system ZTS Generation II/24ft	24	max. 250
SF560025	Steering system ZTS Generation II/25ft	25	max. 250
SF560026	Steering system ZTS Generation II/26ft	26	max. 250
SF560027	Steering system ZTS Generation II/27ft	27	max. 250
SF560028	Steering system ZTS Generation II/28ft	28	max. 250
SF560029	Steering system ZTS Generation II/29ft	29	max. 250
SF560030	Steering system ZTS Generation II/30ft	30	max. 250



## Steering System Parts

Item no.	Description
SF500012	Maxflex bezel mounting kit 3000 Generation II/ZTS 90°
SF700010	Maxflex steering head tbv steering system 3000 Generation II single
SF700020	Maxflex steering head tbv steering system 3000 Generation II twin
SF700040	Maxflex steering head tbv steering system ZTS Generation II single
SF700050	Maxflex steering head tbv steering system ZTS Generation II twin





### Control cable LT

Item no.	Description	Length (ft)	Power hp
SF250005	Steering cable LT/5ft	5	max. 55
SF250006	Steering cable LT/6ft	6	max. 55
SF250007	Steering cable LT/7ft	7	max. 55
SF250008	Steering cable LT/8ft	8	max. 55
SF250009	Steering cable LT/9ft	9	max. 55
SF250010	Steering cable LT/10ft	10	max. 55
SF250011	Steering cable LT/11ft	11	max. 55
SF250012	Steering cable LT/12ft	12	max. 55
SF250013	Steering cable LT/13ft	13	max. 55
SF250014	Steering cable LT/14ft	14	max. 55
SF250016	Steering cable LT/16ft	16	max. 55
SF250017	Steering cable LT/17ft	17	max. 55
SF250018	Steering cable LT/18ft	18	max. 55
SF250019	Steering cable LT/19ft	19	max. 55
SF250015	Steering cable LT/15ft	15	max. 55
SF250020	Steering cable LT/20ft	20	max. 55

## Stainless steel control cable

Item no.	Description	Length (ft)	Power hp
SF550006	Steering cable AISI (2900/3000/7000/ZTS) 6ft	6	max. 250
SF550007	Steering cable AISI (2900/3000/7000/ZTS) 7ft	7	max. 250
SF550008	Steering cable AISI (2900/3000/7000/ZTS) 8ft	8	max. 250
SF550009	Steering cable AISI (2900/3000/7000/ZTS) 9ft	9	max. 250
SF550010	Steering cable AISI (2900/3000/7000/ZTS) 10ft	10	max. 250
SF550011	Steering cable AISI (2900/3000/7000/ZTS) 11ft	11	max. 250
SF550012	Steering cable AISI (2900/3000/7000/ZTS) 12ft	12	max. 250
SF550013	Steering cable AISI (2900/3000/7000/ZTS) 13ft	13	max. 250
SF550014	Steering cable AISI (2900/3000/7000/ZTS) 14ft	14	max. 250
SF550015	Steering cable AISI (2900/3000/7000/ZTS) 15ft	15	max. 250
SF550016	Steering cable AISI (2900/3000/7000/ZTS) 16ft	16	max. 250
SF550017	Steering cable AISI (2900/3000/7000/ZTS) 17ft	17	max. 250
SF550018	Steering cable AISI (2900/3000/7000/ZTS) 18ft	18	max. 250
SF550019	Steering cable AISI (2900/3000/7000/ZTS) 19ft	19	max. 250
SF550020	Steering cable AISI (2900/3000/7000/ZTS) 20ft	20	max. 250
SF550021	Steering cable AISI (2900/3000/7000/ZTS) 21ft	21	max. 250
SF550022	Steering cable AISI (2900/3000/7000/ZTS) 22ft	22	max. 250
SF550023	Steering cable AISI (2900/3000/7000/ZTS) 23ft	23	max. 250
SF550024	Steering cable AISI (2900/3000/7000/ZTS) 24ft	24	max. 250
SF550025	Steering cable AISI (2900/3000/7000/ZTS) 25ft	25	max. 250
SF550026	Steering cable AISI (2900/3000/7000/ZTS) 26ft	26	max. 250
SF550027	Steering cable AISI (2900/3000/7000/ZTS) 27ft	27	max. 250
SF550028	Steering cable AISI (2900/3000/7000/ZTS) 28ft	28	max. 250
SF550029	Steering cable AISI (2900/3000/7000/ZTS) 29ft	29	max. 250
SF550030	Steering cable AISI (2900/3000/7000/ZTS) 30ft	30	max. 250





### Tilt System Steering Head

Item no.	Description
SF260303	Maxflex steering head LT met bezel montageset 90°
SF370252	Maxflex steering head tbv steering system 2000 single
SF370853	Maxflex steering head tbv steering system 2000 twin
SF370974	Maxflex steering head tbv tilt unit 2000 single
SF700012	Maxflex steering head tbv tilt unit 3000 Generation II single
SF700022	Maxflex steering head tbv tilt unit 3000 Generation II twin
SF700042	Maxflex steering head tbv tilt unit ZTS Generation II single
SF700052	Maxflex steering head tbv tilt unit ZTS Generation II twin



### Tilt System

Item no.	Description
SF370979	Maxflex tilt unit



### Tilt System Parts

Item no.	Description
SF370297	Maxflex cable outlet

# Outboard





## Hollex Boat Hook

A handy tool for boat owners and crews to maneuver and dock safely.

Item no.	Variabel L mm	Length (mm)	Max. Length (mm)
TG-09007	Yes	600	1100
TG-09008	Yes	1300	2200
TG-09009	No	1600	

## Hollex Cable entry

Item no.	Height (mm)	Ø external (mm)	Color
TG-09017	64	105	White
TG-09018	64	105	Black
TG-09020	100	90	Black
TG-09021	105	72	White
TG-09022	105	72	Black

## Hollex Bailer Scoops

Item no.	Description	Color
TG-09001	Bailer Scoop	White
TG-09002	Bailer Scoop	Yellow

## Hollex Mirror Protection Plate

**Material**

**Synthetic**

**Color**

**White**

Item no.	Length (cm)	Width (cm)
TG-09004	21	30

## Hollex Mirror Protection Plate

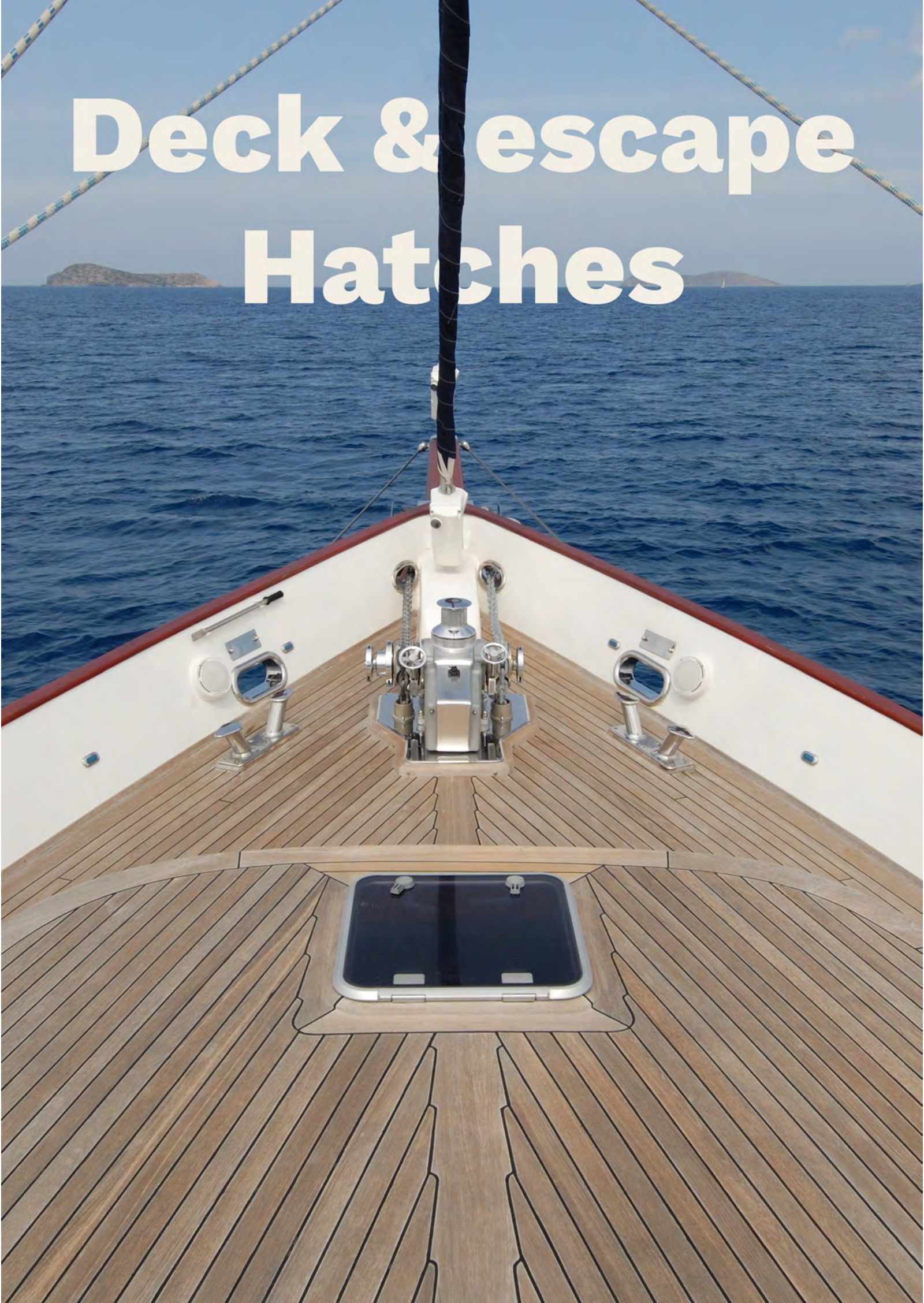
**Material** Synthetic

**Color** Black

Item no.	Length (cm)	Width (cm)
TG-09003	72	10



# Deck & escape Hatches





## Gebo Flushline Escape hatches

Due to the sleek, streamlined design of the FlushLine escape hatches, there are no sharp corners on the hatches where clothing or lines can get caught. The hatches are designed with an extra low profile. A mosquito screen and a roller blind with mosquito screen are available for these escape hatches. Note: When using an inner frame, only a roller blind with mosquito screen can be installed, not a standard mosquito screen.

Material	Acrylic		Aluminum
	Item no.	Shape	LxWxH
	80.50.26.00	Rectangular	315x315x24 mm
	80.50.30.00	Rectangular	330x330x24 mm
	80.50.31.00	Rectangular	365x365x24 mm
	80.50.35.00	Rectangular	380x240x24 mm
	80.50.20.20	Rectangular	345x200x24 mm
	80.50.36.00	Rectangular	360x360x24 mm
	80.50.60.00	Rectangular	475x475x24 mm
	80.50.40.60	Rectangular	495x495x24 mm
	80.50.40.01	Rectangular	505x375x24 mm
	80.50.80.00	Rectangular	525x525x24 mm
	80.50.01.29	Rectangular	550x550x24 mm
	80.50.70.50	Rectangular	555x425x24 mm
	80.55.90.00	Rectangular	565x565x24 mm
	80.55.90.50	Rectangular	565x565x24 mm
	80.55.50.00	Rectangular	585x490x24 mm
	80.55.10.00	Rectangular	675x675x24 mm
	80.55.00.54	Rectangular	675x675x24 mm



## Gebo Standard Escape Hatch with Flange

The frame of this escape hatch is equipped with a flange at the bottom. With your escape hatch, you can also order an aluminum mosquito screen or a screen with roller blind. Note: When using an inner frame, only a roller blind can be installed, not a standard mosquito screen.

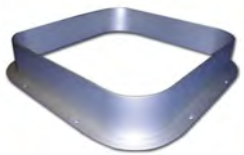
Material	Acrylic	Aluminum		
Item no.	Shape	LxWxH		Thickness acrylate (mm)
80.21.10.00	Rectangular	505x375x40 mm		10
80.21.20.00	Rectangular	555x425x40 mm		10
80.21.30.00	Rectangular	555x555x40 mm		10
80.21.40.00	Rectangular	675x675x40 mm		15
80.21.45.00	Rectangular	735x615x40 mm		15
80.30.10.00	Rectangular	955x655x40 mm		15



## Gebo Standard Escape Hatches

The frame of this standard escape hatch has a flat bottom for adaptation to almost any type of deck construction. With your escape hatch, you can also order an aluminum mosquito screen or a screen with roller blind.

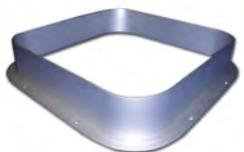
Material	Acrylic	Aluminum		
Item no.	Shape	LxWxH		Thickness acrylate (mm)
80.20.10.00	Rectangular	260x260x40 mm		10
80.20.27.00	Rectangular	320x320x40 mm		10
80.20.20.00	Rectangular	385x245x40 mm		10
80.20.90.00	Rectangular	401x256x40 mm		10
80.21.00.00	Rectangular	470x470x40 mm		10
80.20.30.00	Rectangular	510x380x40 mm		10
80.20.80.00	Rectangular	511x511x40 mm		10
80.90.01.29	Rectangular	550x550x40 mm		10
80.20.40.00	Rectangular	560x430x40 mm		10
80.20.50.00	Rectangular	560x560x40 mm		10
80.80.50.00	Rectangular	560x560x40 mm		10
80.20.60.00	Rectangular	680x680x40 mm		15
80.20.70.00	Rectangular	860x860x40 mm		15
80.20.75.00	Rectangular	960x960x40 mm		15



## Inner edge Flushline Escape hatch Aluminum

Gebo inner trim made of aluminium for deck and escape hatches.

Material	Aluminum
Item no.	Description
80.07.27.50	Gebo inner rim aluminium for Flushline escape hatch 275x275mm
80.07.37.00	Gebo inner rim aluminium for Flushline escape hatch 325x185mm
80.04.20.00	Gebo inner rim aluminium for Flushline escape hatch 420x420mm
80.07.35.00	Gebo inner rim aluminium for Flushline escape hatch 450x320mm
80.07.36.00	Gebo inner rim aluminium for Flushline escape hatch 470x470mm
80.05.37.00	Gebo inner rim aluminium for Flushline escape hatch 500x370mm
80.05.10.00	Gebo inner rim aluminium for Flushline escape hatch 510x510mm
80.05.62.00	Gebo inner rim aluminium for Flushline escape hatch 620x620mm



## Inner rim escape hatch

Gebo inner trim made of aluminium for deck and escape hatches.

Material	Aluminum
Item no.	Description
80.07.00.06	Gebo inner rim aluminium for hatch 200x200mm (80.20.10.00)
80.07.26.00	Gebo inner rim aluminium for hatch 260x260mm (80.20.27.00)
80.07.10.00	Gebo inner rim aluminium for hatch 325x185mm (80.20.20.00)
80.03.41.00	Gebo inner rim aluminium for hatch 341x196mm (80.20.90.00)
80.04.10.41	Gebo inner rim aluminium for hatch 410x410mm (80.21.00).00)
80.07.45.03	Gebo inner rim aluminium for hatch 450x320mm (80.20.30.00)
80.07.40.00	Gebo inner rim aluminium for hatch 500x370mm (80.20.40.00)
80.07.45.00	Gebo inner rim aluminium for hatch 500x370mm (80.21.20.00)
80.07.50.00	Gebo inner rim aluminium for hatch 500x500mm (80.20.50.00)
80.07.51.00	Gebo inner rim aluminium for hatch 500x500mm (80.21.30.00)
80.07.39.00	Gebo inner rim aluminium for hatch 620x620mm (80.21.40.00)
80.07.68.05	Gebo inner rim aluminium for hatch 680x550mm (80.21.45.00)
80.07.61.00	Gebo inner rim aluminium for hatch 620x620mm (80.20.60.00)
80.07.80.80	Gebo inner rim aluminium for hatch 800x800mm (80.20.70.00)



## Flushline Escape hatch

The mosquito screen is made of aluminum. The roller blind also includes a mosquito screen.

Material	Aluminum
Item no.	Description
84.50.00.00	Gebo mosquito screen for Flushline escape hatch 275x275mm
84.50.00.12	Gebo mosquito screen for Flushline escape hatch 325x185mm
84.50.00.01	Gebo mosquito screen for Flushline escape hatch 420x420mm
84.50.00.09	Gebo mosquito screen for Flushline escape hatch 450x320mm
84.50.00.02	Gebo mosquito screen for Flushline escape hatch 470x470mm
84.50.00.04	Gebo mosquito screen for Flushline escape hatch 500x370mm
84.50.00.03	Gebo mosquito screen for Flushline escape hatch 510x510mm
84.50.00.18	Gebo mosquito screen for Flushline 530x435mm Delta
84.50.00.05	Gebo mosquito screen for Flushline escape hatch 620x620mm



## Mosquito Screen for Escape hatch

The mosquito screen is made of aluminum. The roller blind also includes a mosquito screen.

Material		Aluminum
Item no.	Description	
84.55.01.30	Gebo mosquito screen for escape hatch 451x451mm	
84.55.00.42	Gebo mosquito screen for escape hatch 80.21.30.00	
84.55.01.21	Gebo mosquito screen for escape hatch 80.20.20.00	
84.55.01.23	Gebo mosquito screen for escape hatch 84.20.30.00	
84.55.01.24	Gebo mosquito screen for escape hatch 80.20.40.00	
84.55.01.29	Gebo mosquito screen for escape hatch 80.21.00.00	
84.55.00.45	Gebo mosquito screen for escape hatch 80.21.45.00	
84.55.00.49	Gebo mosquito screen for escape hatch 80.23.00.00	
84.55.01.20	Gebo mosquito screen for escape hatch 80.20.10.00	
84.55.00.40	Gebo mosquito screen for escape hatch 80.21.10.00	
84.55.01.26	Gebo mosquito screen for escape hatch 80.20.60.00	
84.55.01.28	Gebo mosquito screen for escape hatch 80.20.90.00	
84.55.00.41	Gebo mosquito screen for escape hatch 80.21.20.00	
84.55.00.43	Gebo mosquito screen for escape hatch 80.21.40.00	
84.55.00.44	Gebo mosquito screen for escape hatch 80.30.10.00	
84.55.01.22	Gebo mosquito screen for escape hatch 80.20.27.00	
84.55.01.25	Gebo mosquito screen for escape hatch 80.20.50.00	
84.55.01.31	Gebo mosquito screen for escape hatch 80.20.70.00	



## Mosquito screen hatch/roller blind for escape hatch

The mosquito screen is made of aluminum. The roller blind also includes a mosquito screen.

Material		Aluminum	Synthetic
Item no.	Description		
84.70.01.50	Gebo mosquito screen/roller blind 564x475mm for hatch 450x320mm		
84.70.01.51	Gebo mosquito screen/roller blind 616x525mm for hatch 500x370mm		
84.70.01.52	Gebo mosquito screen/roller blind 590x560mm for hatch 500x500mm		
84.70.01.53	Gebo mosquito screen/roller blind 710x680mm for hatch 620x620mm		





## Hollex Inseal

Material		PVC Foam		
Item no.	Length (m)	Width (mm)	Thickness	Color
0944	15	12	4.5	Grey
0942	15	25	4.5	Grey
0940	25	12	3	Grey
0941	25	19	3	Grey
0943	25	12	3	Black



## Gebo Inseal

Material		PVC Foam
Item no.	Description	
089.11.42.00	Gebo inseal 4,5x25mm roll=15mtr	
089.11.39.00	Gebo inseal grey 3x12mm roll=25mtr	
089.11.39.01	Gebo inseal black 3x12mm roll=25mtr	
089.11.40.00	Gebo inseal grey 3x16mm roll=25mtr	



## Gebo Hatch cover

Item no.	Description	Suitable for
084.80.01.52	Hatch cover	Hatches 500 x 500 mm



## Gebo Handles

Item no.	Description
089.65.01.00	Gebo handle set complete right up to 500x500
089.65.03.00	Gebo handle set right complete from 620x620
089.65.04.00	Gebo handle set left complete from 620x620
089.74.01.21	Gebo handle for mosquito screen



## Gebo Rubbers

Item no.	Description
089.10.25.10	Gebo R251 window rotated for 5mm glass per mtr
089.10.25.20	Gebo R252 window rotated for 6mm glass
089.60.01.13	Gebo R113 sealing rubber per mtr
089.60.06.00	Gebo R163 sealing rubber per mtr
089.60.06.11	Gebo R611 sealing rubber for Ecoline port
089.60.16.20	Gebo R162 sealing rubber for hinged window old system
089.60.62.99	Gebo R609 Rubber large for edge portlight

# **Portholes & Frames**



# Standard Portlights

*The smooth angled outer frame prevents water from collecting on the frame and dripping into your cabin when the portlight is opened.*



## WATERTIGHT DESIGN

Unlike many designs, Gebo portlights are designed for watertight hull fitting, so there's no problem when a heeling yacht places the portlight against the pressure of fast-running water.



As standard the portlight is being manufactured with grey smoke acrylic. Clear, bronze and green acrylic is available to special order.

## THE BENEFITS:

- ✓ certified for watertight hull fitting;
- ✓ can be delivered with mosquito screen and rainshield;
- ✓ easy mounting;
- ✓ best quality seawater resistant aluminium
- ✓ powder coating of the frame to any RAL color



Simple  
installation:  
no hole  
drilling

Gebo fixed and opening portlights are certified for watertight hull fitting

# Portlights Round and Elliptical

*Unlike many designs, Gebo portlights are designed for watertight hull fitting, so there's no problem when a heeling yacht places the portlight against the pressure of fast-running water.*

## COLOR OF THE ACRYLIC

As standard the portlight is being manufactured with grey smoke acrylic. Clear, bronze and green acrylic is available to special order.

## NON-DRIP DESIGN

The smooth angled outer frame prevents water from collecting on the frame and dripping into the cabin when the portlight is opened.

Non-drip  
frame design



Gebo portlights are made from finest quality seawater resistant anodised aluminium



## Hollex Portlight

The portholes and light rings are made of polished stainless steel 304 and equipped with tempered safety glass. They are supplied complete with a counter ring and are suitable for wall thicknesses of 4 - 15 mm. The portholes and light rings are available in three sizes. Stainless steel mosquito screens are also available for the portholes.

Material		Stainless steel (AISI 304)
Item no.	Description	
0934	Hollex porthole AISI PO100	
0935	Hollex porthole AISI PO125	
0936	Hollex porthole AISI PO150	



## Hollex Portlight Edge

The portholes and light rings are made of polished stainless steel 304 and equipped with tempered safety glass. They are supplied complete with a counter ring and are suitable for wall thicknesses of 4 - 15 mm. The portholes and light rings are available in three sizes. Stainless steel mosquito screens are also available for the portholes.

Material		Stainless steel (AISI 304)
Item no.	Description	
0955	Hollex porthole fixed AISI PD125	
0956	Hollex porthole fixed AISI PD150	
0957	Hollex porthole fixed AISI PD200	



## Gebo Portlight Rectangular Fixed

The smooth outer profile ensures that no water can collect on the frame and drip into your cabin when the porthole is opened. The easy-to-install portholes can withstand the pressure of fast-flowing water. The portholes that can be opened can be equipped with an aluminum mosquito screen and a rain cover. Certification: ISO 12216 / ISO 9094, CE.

Material	Aluminum	Acrylic
Radius (mm)	56	
Item no.	Description	
81.20.11.00	Gebo fixed portlight 268x141mm	
81.20.21.00	Gebo portlight fixed 375x175mm	
81.20.31.00	Gebo fixed portlight 375x215mm	
81.20.41.00	Gebo fixed portlight 475x255mm	
81.20.86.00	Gebo fixed portlight 600x175mm	

## Gebo Portlight Rectangular Folding

The smooth outer profile ensures that no water can collect on the frame and drip into your cabin when the porthole is opened. The easy-to-install portholes can withstand the pressure of fast-flowing water. The portholes that can be opened can be equipped with an aluminum mosquito screen and a rain cover. Certification: ISO 12216 / ISO 9094, CE

**Material** Aluminum Acrylic  
**Radius (mm)** 56

Item no.	Description
81.00.20.00	Gebo opening portlight 375x175mm
81.00.30.00	Gebo opening portlight 375x215mm
81.00.40.00	Gebo opening portlight 475x255mm
81.00.61.00	Gebo opening portlight 483x229mm ellipse
81.00.85.00	Gebo opening portlight 600x175mm



## Gebo Portlight Elliptical

**Material** Aluminum Acrylic

Item no.	Description
81.00.85.05	Gebo opening portlight 600x175mm ellipse
81.20.85.05	Gebo fixed portlight 600x175mm ellipse



## Gebo Portlight Round Folding

**Material** Aluminum Acrylic

Item no.	Description
81.00.10.00	Gebo opening portlight 268x141mm
81.00.20.05	Gebo opening portlight 375x175mm ellipse
81.00.55.00	Gebo portlight open 346x141mm



## Gebo Porthole Round Fixed

These portholes can be easily installed via the unique, labor-saving clamping system. The opening porthole is equipped with a friction hinge for easy, stepless opening. Matching aluminum mosquito screen and rain cover are available. Certification: ISO 12216 / ISO 9094, CE

**Material** Aluminum Acrylic

Item no.	Description
81.20.21.05	Gebo fixed portlight 375x175mm





### Gebo Portlight Screen

Item no.	Description
84.75.00.01	Gebo mosquito screen portlight 268x141 (81.00.10.00)
84.75.00.03	Gebo mosquito screen portlight 375x175 (81.00.20.00)
84.75.00.09	Gebo mosquito screen portlight 375x175 (81.00.20.05)
84.75.00.04	Gebo mosquito screen portlight 375x215 (81.00.30.00)
84.75.00.05	Gebo mosquito screen portlight 475x255 (81.00.40.00)
84.75.00.10	Gebo mosquito screen portlight 483x229 (81.00.61.00)
84.75.00.06	Gebo mosquito screen portlight 600x175 (81.00.85.00)
84.75.00.16	Gebo mosquito screen portlight 600x175 (81.00.85.05)



### Gebo Portlight Rain Cover Rectangular

Item no.	Description
84.85.00.03	Gebo raincap for portlight 375x175mm (81.00.20.00)
84.85.00.09	Gebo raincap for portlight 375x175mm (81.00.20.05)
84.85.00.04	Gebo raincap for portlight 375x215mm (81.00.30.00)
84.85.00.05	Gebo raincap for portlight 475x255mm (81.00.40.00)
84.85.00.10	Gebo raincap for portlight 483x229mm (81.00.61.00)
84.85.00.06	Gebo raincap for portlight 500x175mm (81.00.85.00)
84.85.00.16	Gebo raincap for portlight 600x175mm (81.00.85.05)



### Gebo Portlight Rain Cover Round

Item no.	Description
84.85.00.20	Gebo raincap for portlight ø198mm
84.85.00.30	Gebo raincap for portlight ø236mm

## Hollex Portlight Screen

Hollex Mosquito Screen for portholes.

Item no.	Description
0924	Hollex mosquito screen for Portlight 0934
0925	Hollex mosquito screen for Portlight 0935
0926	Hollex mosquito screen for Portlight 0936



## Gebo Portlight Seal Rubber

Item no.	Description
089.60.06.20	Gebo R610 sealing rubber per mtr
89.60.06.00	Gebo sealing rubber R163 for hatches p/mtr





# Pumps





## Guidi Sump Drain Pump

**Material**

**Brass**

Item no.	Description
3400.101	Guidi sump drain pump copper without bracket 3/8"BSP
3400.102	Guidi sump drain pump copper without bracket M14x1,5
3400.103	Guidi sump drain pump copper without bracket M16x1,5



## Hollex tray AISI for drain set with lock

Fully automatic drainage station, suitable for draining multiple showers. A stainless steel sieve, float switch, and pump are mounted in the tank designed for this purpose. The entire assembly is built into a stainless steel housing, and the cover is equipped with sealing tape and fasteners.

Item no.	Description
336002	Hollex tray AISI for drain set with lock



## Parts Drain pumps

Item no.	Description
3400.002	Hollex piston for carter pump 3400.001



## Toilet Connection Kit

Item no.	Description
370011	# Hollex connection kit manual toilet in 3/4"out 1 1/4"
370012	# Hollex connection kit electric toilet in 3/4" out 1 1/2"

# Cleaning



# SJIPPIE

## Cleaning and maintenance



**Boat maintenance  
has never been so  
easy.**

Do you want to maintain your boat properly, or is it in need of a thorough cleaning? Discover our solutions!

[www.sjippie.nl](http://www.sjippie.nl)



# SJIPPIE

## Cleaning and maintenance



**Boat maintenance  
has never been so  
easy.**

Difficult stain easy to remove?  
Another clean cloth and easy to  
impregnate? Then try Sjippie!

[www.sjippie.nl](http://www.sjippie.nl)



## Black stain remover

The Black Streak Remover by Sjippie is a powerful cleaning agent designed for effortless removal of streaks and greenery from various surfaces. Suitable for polyester, metal, plastic, treated aluminum, and vinyl. Caution advised on untreated non-ferrous surfaces. Easy to apply, rinse with water after use. Recommended to protect treated surfaces afterward with wax. Avoid use in direct sunlight or at high temperatures. Unlimited shelf life when stored frost-free.

Brand		Sjippie
Item no.	Description	
SJ3032	Sjippie black stain remover	



## Quick gloss spray

Sjippie Quick Shine prepares boats and outboard motors for showroom presentation. Suitable for various surfaces such as painted steel, wood, polyester, plastic, polycarbonate, and chrome. Provides a deep shine without abrasion and has unlimited shelf life when stored frost-free.

Brand		Sjippie
Item no.	Description	
SJ3006	Sjippie quick gloss spray / spray can 400ml	



## Skai upholstery 2-1 cleaner

Sjippie SBR is a high-quality cleaning and waxing product suitable for almost any non-porous surface, such as plastic upholstery. It cleans, nourishes, and provides a beautiful shine without causing damage. Protection lasts for 4-5 months.

Brand		Sjippie
Item no.	Description	
SJ3016	Sjippie skai upholstery 2in1 cleaner/bottle 0,5ltr	



## Sjippie dinghy package / cleaner & spray wax

Sjippie Rubberboot Cleaner + Rubberboat UV Wax: A convenient and fast solution suitable for almost any plastic surface. The Rubberboat Cleaner effectively cleans, while the UV Wax provides protective waxing post-cleaning. This set rejuvenates your rubber boat, making it look like new again. Includes: 2x 1 Liter bottles, Scrubby holder with Pad, and microfiber cloth. Refer to the Rubberboat Cleaner and UV Spray Wax for usage instructions.

Brand		Sjippie
Item no.	Description	
SJ3019	Sjippie dinghy package / cleaner & spray wax	

## Poly UV Gloss

Sjippie PUG UV-resistant gloss wax is a protection based on various polymers, with a UV-resistant additive. Sjippie PUG is applied after washing or polishing. Sjippie PUG is used to bring out the shine on polished surfaces. Sjippie PUG brings your surface to life, providing a beautiful deep shine and long-lasting protection. Sjippie PUG protects for 5-6 months and significantly reduces dirt accumulation on the surface. With this packaging, you can protect approximately 15m<sup>2</sup>.



Brand		Sjippie
Item no.	Description	
SJ3013	Sjippie poly UV gloss / bottle 500ml	

## Degreaser

Sjippie Degreaser is a powerful soap-based degreaser. It is easy to use, quick, and suitable for almost any surface. It is ideal for degreasing bilges and engine compartments, and so on. It removes black streaks, grease, oil, soot, and fuel residues. After use, it is advisable to reapply wax to the surface with, for example, Sjippie Boatwax Wax for a beautiful deep shine and long-lasting protection.



Brand		Sjippie
Item no.	Description	
SJ3024	Sjippie degreaser / spray bottle 1ltr	

## seam-sealed roller

For sealing and causing the stitched seams to swell. The stitched seams must contain a natural fiber. The fabric should be stretched as tightly as possible to allow the roller to pass over it on the inside.



Brand		Sjippie
Item no.	Description	
SJ3086	Sjippie seam-sealed roller	

## Dry PTFE spray

The Sjippie Dry PTFE Spray lubricates without leaving any residue on awning rails, hinges, and tent zippers. Ideal for rubber seals on windows, doors, and storage boxes, and suitable for tent poles made of various materials.



Brand		Sjippie
Item no.	Description	
SJ3029	Sjippie dry PTFE spray / spray can 400ml	



## Cloth waterproofing dry spray

Sjippie Fabric Waterproofing Dry: a waterproofing product for various fabrics. Treats 15m<sup>2</sup> per bottle. Apply to clean, dry fabric after cleaning with Sjippie Cabrio & Fabric Cleaner. Drying time of 24 hours. Available in spray bottle and jerry cans of 5, 10, and 20 liters. Unlimited shelf life when stored frost-free.

Brand		Sjippie	
Item no.	Description		
SJ3017	Sjippie cloth waterproofing DRY/spray bottle 1ltr		
SJ3064	Sjippie cloth waterproofing DRY / jerry can 5ltr		
SJ3085	Sjippie cloth waterproofing DRY / jerry can 10ltr		
SJ3088	Sjippie cloth waterproofing DRY / jerry can 20ltr		



## Cloth waterproofing wet spray

Sjippie WD Wet is a waterproofing product suitable for various fabrics. Treats approximately 15m<sup>2</sup> per bottle. Apply to clean, fully wet fabric after cleaning with Sjippie Cabrio & Fabric Cleaner. Drying time of at least 36 hours. Available in 1-liter spray bottle and jerry cans of 5 or 20 liters. Variant with 2-year longer durability than WD Dry.

Brand		Sjippie	
Item no.	Description		
SJ3014	Sjippie cloth waterproofing WET / spray 1ltr		
SJ3063	Sjippie cloth waterproofing WET / jerry can 5ltr		
SJ3067	Sjippie cloth waterproofing WET / jerry can 20ltr		



## Shampoo

Sjippie GS is for daily use. The processing is simple, fast, and suitable for almost any surface. Sjippie GS is also suitable for plastic and glass windows; it removes green algae, black streaks, soot, spider and fly droppings, etc. After this treatment, you should reapply wax to the surface with, for example, Sjippie Liquid UV Wax for a beautiful deep gloss and long-lasting protection.

Brand		Sjippie	
Item no.	Description		
SJ3007	Shippie shampoo ready-to-use / spray bottle 1ltr		
SJ3038	Sjippie shampoo concentrate / bottle 1ltr		
SJ3090	Sjippie shampoo concentrate 10ltr		
SJ3084	Sjippie shampoo concentrate / jerry can 20ltr		
SJ3091	Sjippie shampoo concentrate / barrel 210ltr		



## Wax

Sjippie offers a range of high-quality wax products for cleaning and protecting various surfaces on board. Sjippie Bootwax (BW) cleans and protects non-porous surfaces such as polyester, painted steel, and plastic windows from streaks, salt deposits, and other contaminants. After treatment, it provides long-lasting protection against weathering. Sjippie Dek UV-Wax protects synthetic teak decks from aging and pollution, with reduced dirt adhesion and UV protection. Sjippie Wax & Shine Shampoo (W&S) provides a radiant shine on various surfaces with its highly concentrated, pH-neutral formula. Economical to use and easy to apply.



Brand	Sjippie
Item no.	Description
SJ3028	Sjippie deck UV wax / spray bottle 2ltr
SJ3010	Sjippie boat wax / bottle 1ltr
SJ3035	Sjippie wax & shine / bottle 1ltr

## Underwater ship cleaner

Sjippie Underwater Hull Cleaner (UHC) is specially formulated to remove scale buildup on the stern and the yellow "moustache" on the waterline. Suitable for various surfaces such as polyester and painted steel. Caution: Avoid non-ferrous and galvanized surfaces to prevent black spots. Use outdoors above a plastic surface. Dilute UHC, apply with a brush, let sit for 4-5 minutes, and rinse off. Follow up with Sjippie shampoo and Boatwax-UV. Available in 1-liter bottle, 210-liter drum, and jerry cans of 5, 10, or 25 liters. Unlimited shelf life when stored frost-free.



Brand	Sjippie
Item no.	Description
SJ3003	Sjippie underwater ship cleaner / bottle 1ltr
SJ3062	Sjippie underwater hull cleaner / jerry can 5ltr
SJ3033	Sjippie underwatership cleaner / jerry can 10ltr
SJ3020	Sjippie underwatership cleaner / jerry can 25ltr
SJ3036	Sjippie underwatership cleaner / barrel 210ltr

## Aluminium cleaner

Sjippie Aluminum Cleaner (AR) is specially designed for descaling aluminum boats. Suitable for nearly all types of untreated aluminum. Caution: Galvanized surfaces may cause corrosion. After treatment, wash the surface with Sjippie Ready-to-Use Shampoo and protect it with Sjippie Alu-Protect. Available in a 20-liter jerry can. Unlimited shelf life when stored frost-free. Use outdoors with suitable protection. Dilute AR, apply with a brush, and rinse off with water.



Brand	Sjippie
Item no.	Description
SJ3009	Sjippie aluminium cleaner / bottle 1ltr
SJ3065	Sjippie aluminium cleaner / jerry can 20ltr



## Convertible & canvas cleaner

The Sjippie Cabrio and Fabric Cleaner is a powerful, concentrated shampoo that effortlessly removes fly and spider droppings from your convertible top and fabric. Safe for various surfaces and easy to use with the Sjippie fabric brush. Available in various quantities. For waterproof protection of your fabric, try Sjippie Fabric Waterproofing Dry.

Brand		Sjippie
Item no.	Description	
SJ3015	Sjippie convertible & canvas cleaner / spray 1ltr	
SJ3052	Sjippie convertible & canvas cleaner / jerry can 5ltr	
SJ3054	Sjippie convertible & canvas cleaner / jerry can 10ltr	
SJ3089	Sjippie convertible & canvas cleaner / jerry can 20ltr	



## Dinghy cleaner

Sjippie Rubber Boat Cleaner (RC) is specially designed for rubber, PVC, and Hypalon boats. It effectively removes black streaks, soot, spider and fly droppings, and restores weathered areas to their original color. After treatment, apply Sjippie Rubber Boat Spray Wax UV for a deep gloss and long-lasting protection. Available in 1-liter spray bottle, 5, 10, or 20-liter jerry cans. Unlimited shelf life when stored frost-free. Instructions: Spray RC on a wet surface, let it sit, and massage with Sjippie Scrubby. No need to dry after washing; apply Rubber Boat Spray Wax UV directly.

Brand		Sjippie
Item no.	Description	
SJ3008	Sjippie dinghy cleaner / spray bottle 1ltr	
SJ3087	Sjippie dinghy cleaner / jerry can 5ltr	
SJ3060	Sjippie dinghy cleaner / jerry can 10ltr	
SJ3061	Sjippie dinghy cleaner / jerry can 20ltr	



## Toilet fluid

Sjippie Toilet Fluid Green and Blue are both effective products for the waste tank of caravan and camper toilets. They are pleasantly scented and also suppress negative odors while promoting the breakdown of feces and toilet paper. Usage instructions: add 120 ml of fluid per 10 liters of tank capacity, followed by 1 liter of water. Shake the bottle before use. Unlimited shelf life when stored frost-free.

Brand		Sjippie
Item no.	Description	
SJ3040	Sjippie toilet fluid green / bottle 2ltr	
SJ3027	Sjippie toilet fluid blue / bottle 2ltr	

## Polishing paste

Sjippie Polishing Paste Fine (PP Fine) is suitable for polishing and restoring gelcoat on various surfaces such as polyester, painted steel, wood, plastic, and chrome. It is intended for fine polishing after using Sjippie PP1. Unlimited shelf life when stored frost-free. Apply it to a polishing pad and polish the surface smooth. Remove the haze with a dry cloth. Use Sjippie Poly UV Gloss for optimal shine and protection. Contains no silicones.



Brand		Sjippie
Item no.	Description	
SJ3037	Sjippie polishing paste Step 2 / jar 540gr	

## Teak cleaner

Sjippie Natural Teak Cleaner and Restore are designed to clean and restore natural teak decks. The Cleaner effectively removes stains and pollution, while the Restore brings back the natural color and provides long-lasting protection. Both products have unlimited shelf life when stored frost-free.



Brand		Sjippie
Item no.	Description	
SJ3004	Sjippie natural teak cleaner / spray bottle 1ltr	
SJ3005	Sjippie natural teak restorer / spray bottle 1ltr	

## Synthetic teak cleaner

Sjippie Synthetic Teak Cleaner thoroughly and effectively cleans synthetic teak decks, even in uneven surfaces. Removes black streaks, soot, and more. Recommended to protect the surface with Sjippie Deck UV-Wax for shine and protection after use. Unlimited shelf life when stored frost-free.



Brand		Sjippie
Item no.	Description	
SJ3018	Sjippie synthetic teak cleaner / spray bottle 1ltr	

## Dinghy UV Wax

Sjippie Rubberboat UV Spray Wax protects PVC and Hypalon rubber boats after cleaning with Sjippie Rubberboat Cleaner. Reduces contamination and aging, providing long-lasting protection. Unlimited shelf life when stored frost-free. Instructions for use: Clean the surface with the cleaner, spray the wax evenly, and immediately rub it with a microfiber cloth. Do not use in direct sunlight. Available in various sizes.



Brand		Sjippie
Item no.	Description	
SJ3001	Sjippie dinghy UV wax / spray bottle 1ltr	
SJ3068	Sjippie dinghy UV spray wax / jerry can 5ltr	
SJ3079	Sjippie dinghy UV spray wax / jerry can 10ltr	
SJ3080	Sjippie dinghy UV spray wax / jerry can 20ltr	



## Sjippie Tools

Item no.	Description
SJ3002	Narrow Brush Crimp
SJ3058	Monobloc Handle
SJ3051	Window Squeegee
SJ3048	Superscrub Spare Pad 2Pcs
SJ3044	Cleaning brush
SJ3042	Convertible & Fabric Brush
SJ3041	Brush PBT Short Handle
SJ3034	Super Scrub With Pad
SJ3030	Brush PBT Long Handle
SJ3026	Microfibre Cloths 3Pcs
SJ3025	Scrubby Spare Pad 2Pcs
SJ3023	Polishing Sponge
SJ3022	Handle Fibreglass
SJ3021	Wash Brush
SJ3012	Scrubby Holder With Pad
SJ3011	Brush Short Handle
SJ3059	Floating Brush With Handle
SJ3078	Handle Aluminium WDL

# Hoses & Pipes





## Hosemaster Hose Reel Type LW (Electric)

This is the largest Hosemaster available. The reel is easy to connect to an existing pump. With the unique "Levelwind" function, this reel automatically winds up the hose neatly with the push of a button, utilizing the full width of the reel. It is supplied with a mounting bracket.

**Material**            Anodized aluminum    Stainless steel    Plastic

**Connections**      1/2"

**Voltage type**      VDC

Item no.	Voltage (V)	Ampere (A)	Hose Ø (mm)	Hose L (m)
05520-24-100	24	3	12	30
05520-24-75	24	3	15.8	22.5



## Hosemaster Hose Reel Type S (Mechanical)

**Material**            Anodized aluminum    Stainless steel    Plastic

**Connections**      1/2"

Item no.	Hose Ø (mm)	Hose L (m)
05550-20SE	9	6.1



## Hollex Transparent Hose

<b>Color</b>	<b>Transparent</b>
<b>Material inner wall</b>	<b>PVC, transparent, smooth</b>
<b>Material outer wall</b>	<b>PVC, transparent, smooth</b>
<b>Temperature range (°C)</b>	<b>-5 / +60</b>

Item no.	Ø internal (mm)	Ø external (mm)	Product roll L (m)	Working pressure	Bending radius	Wall thickness
33501006012	6	12	50	20	48	6
33501009015	9	15	50	20	72	6
33501013019	13	19	50	20	104	6
33501016024	16	24	50	20	128	8
33501019027	19	27	50	20	152	8
33501025034	25	34	50	15	200	9
33501032042	32	41	50	15	350	9
33501038048	38	48	50	10	304	10
33501050060	50	60	50	10	400	10



## Hollex Hose Transparent with Inlays

<b>Color</b>	<b>Transparent</b>
<b>Material inner wall</b>	<b>PVC</b>
<b>Material outer wall</b>	<b>PVC</b>
<b>Temperature range (°C)</b>	<b>-5 / +60</b>

Item no.	Ø internal (mm)	Ø external (mm)	Product roll L (m)	Working pressure	Bending radius	Wall thickness
33502013020	13	20	50	7		7
33502016022	16	22	50	6	48	6
33502020027	20	27	50	5	60	7
33502025033	25	33	50	5	75	8
33502032040	32	40	50	4	96	8
33502038046	38	46	50	4	114	8
33502045055	45	55	50	3	135	10
33502051062	51	62	50	3	150	11



## Hollex Cooling water/exhaust hose

<b>Color</b>	<b>Black</b>
<b>Material inner wall</b>	<b>EPDM, black</b>
<b>Material outer wall</b>	<b>EPDM, black, smooth</b>
<b>Temperature range (°C)</b>	<b>-40 / +120</b>

Item no.	Ø internal (mm)	Ø external (mm)	Bending radius (mm)	Wall thickness (mm)
33504040048	40	48	80	8
33504045053	45	52	90	7
33504051059	51	59	102	8
33504057065	57	65	114	8
33504060068	60	68	120	8
33504063071	63	71	126	8
33504076086	76	84	152	8
33504090100	90	98	180	8
33504102110	102	110	204	8
33504127139	127	137	254	10
33504152163	152	163	304	11
33504203218	203	218	406	15



## Hollex cooling water hose

<b>Color</b>	<b>Black</b>
<b>Material inner wall</b>	<b>EPDM, black, smooth</b>
<b>Material outer wall</b>	<b>EPDM, black, smooth</b>
<b>Temperature range (°C)</b>	<b>-30 / +100</b>

Item no.	Ø internal (mm)	Ø external (mm)	Bending radius (mm)	Wall thickness (mm)
33503025035	25	32	250	7
33503032042	32	40	320	8
33503038050	38	46	380	8
33503045059	45	53	450	8
33503051063	51	61	510	10
33503063076	63	73	630	10
33503076090	75	85	700	10





## Waste water hose

**Color** White  
**Temperature range (°C)** -35 / +135

Item no.	Ø internal (mm)	Ø external (mm)	Product roll L (m)	Wall thickness (mm)
33508019029	19	29	20	10
33508025036	25	36	20	11
33508038048	38	48	20	10



## Air hose

**Color** Black

Item no.	Ø internal (mm)	Product roll L (m)
051605	6	25
051606	8	25



## Hollex Hose Clamp W4 2-piece

Material	Stainless steel (AISI 304)		
Item no.	Width (mm)	Ø (mm)	Max. Ø (mm)
272035045	20	35	45
272040050	20	40	50
272045055	20	45	55
272050060	20	50	60
272055065	20	55	65
272060070	20	60	70
272065075	20	65	75
272075085	20	75	85
272080090	20	80	90
272085095	20	85	95
272090100	20	90	100
272105115	20	105	115
272110120	20	110	120
272125135	20	125	135
272135145	20	135	145
272180190	20	180	190



## Hollex Wormscrew AISI304

<b>Variable diameter mm</b>	<b>Yes</b>
<b>Product width (mm)</b>	<b>12.5</b>
<b>Material</b>	<b>Stainless steel (AISI 304)</b>

Item no.	Width (mm)	Ø (mm)	Max. Ø (mm)
275010016	12.5	10	16
275012020	12.5	12	20
275012022	12.5	12	22
275016025	12.5	16	25
275020032	12.5	20	32
275035.304	12.5	21	38
275025040	12.5	25	40
275032050	12.5	32	50
275040060	12.5	40	60
275050070	12.5	50	70
275060080	12.5	60	80
275070090	12.5	70	90
275080100	12.5	80	100
275090110	12.5	90	110
275100120	12.5	100	120



## Hollex Wormscrew AISI316

<b>Variable diameter mm</b>	<b>Yes</b>
<b>Product width (mm)</b>	<b>12.5</b>
<b>Material</b>	<b>Stainless steel (AISI 316)</b>

Item no.	Width (mm)	Ø (mm)	Max. Ø (mm)
275020032.316	12.5	20	32



## Hollex Hose Clamp W4

Material	Stainless steel (AISI 304)		
Item no.	Width (mm)	Ø (mm)	Max. Ø (mm)
273035040	20	35	40
273040045	20	40	45
273045050	20	45	50
273050055	20	50	55
273055060	20	55	60
273060065	20	60	65
273065070	20	65	70
273070075	20	70	75
273075080	20	75	80
273080085	20	80	85
273085090	20	85	90
273090095	20	90	95
273095100	20	95	100
273100105	20	100	105
273105110	20	105	110
273110115	20	110	115
273115120	20	115	120
273120125	20	120	125
273125130	20	125	130
273130135	20	130	135
273135140	20	135	140
273140145	20	140	145
273145150	20	145	150
273155160	20	155	160



## Hollex Super Hose Clamp W2

Variable diameter mm

Yes

Material

Stainless steel (AISI 304)

Item no.	Width (mm)	Ø (mm)	Max. Ø (mm)
274030033	20	30	33
274032035	20	32	35
274034037	20	34	37
274036039	20	36	39
274038041	20	38	41
274040043	20	40	43
274043046	20	43	46
274044047	22	44	47
274048051	22	48	51
274052055	22	52	55
274056059	22	56	59
274060063	22	60	63
274064067	22	64	67
274068073	24	68	73
274074079	24	73	79
274076080	24	76	80
274080085	24	80	85
274086091	24	86	91
274092097	24	92	97
274098103	24	98	103
274104112	24	104	112
274110118	24	110	118
274113121	24	113	121
274122130	24	122	130
274131139	26	131	139
274140148	26	140	148

# Locks



# INTRODUCING **THE POWER OF LOCKS**



- Outboard engine locks
- CCV/SCM approved
- ART-4 approved
- Chain locks
- Cable locks
- Padlocks





**CCV/SCM  
APPROVED**



**HIGH STAINLESS  
STEEL 316**



**NO  
VIBRATION**



**EASY  
INSTALLATION**

## WHY CHOOSE LOCKK?

Insurance companies impose strict requirements on the quality of security products. With this in mind, we have developed the Lockk range for you. We are the only ones to offer you a complete line that meets the new SCM certification requirements. The outboard motor locks, the shore anchor and the chain and padlocks have been developed during a careful process in the Netherlands. For these products we only use high quality materials.



**Scan the QR code to  
go to our website!**

T +31 (0)184 615 800

E [info@lockk.eu](mailto:info@lockk.eu)



**WWW.LOCKK.EU**



## Lockk Padlock

Lockk padlocks offer reliable and high-quality security, meeting the specifications of either the ART-1 or ART-4 certification.

The ART-1 Padlock, suitable for Cable Locks, features a material thickness of 15 mm for robust protection. It comes with 2 keys, available in green and black, suitable for various applications.

The ART-4 Padlock, suitable for Chain Locks, has a material thickness of 16 mm for sturdy protection. Also available in green and black, suitable for different applications.

Item no.	Description
195306003	Lockk padlock for cable lock ART-1
195306005	Lockk padlock for chain lock ART-4

## Lockk Loopchain

The multifunctional anti-theft loop chain is suitable for caravans, trailers, boats, and more. With a length of 200 cm and UV-resistant protective cover, this chain provides maximum protection. Easy to use, it includes 5 keys and SCM approval for optimal security. Packaged in a strong carry bag for easy transport.

Item no.	Cable type	Chain thickness (mm)	Chain L (m)	Compliance
195306007	Chain	11	2	SCM

## Lockk Chain and lock

The Lockk security chain, 2.5 meters in length, complete with Lockk bracket lock featuring a separate shackle. This lock is ART/CCV certified and ideally suited for securing your dinghy or boat. The protective cover around the chain prevents scratches and is available in a 2.5-meter length, with the option to loop for full-length use. Made of hardened steel, the Lockk chain is easy to use and comes with a convenient storage case.

The Lockk bracket lock with chain is approved as a complete set by ART4 and CCV. Together with the Lockk dock/anchor, it offers maximum protection against theft and comes highly recommended by insurance companies.

Item no.	Cable type	Chain thickness (mm)	Chain L (m)	Compliance
195306004	Chain	10.5	2.5	ART-4

## Lockk Cable and lock

Lockk offers high-quality cable locks with bracket locks, suitable for various applications such as caravans, trailers, and boats. Available in lengths of 2.5 meters and 5 meters, each lock features a UV-resistant protective cover, a protective keyhole, and comes with five keys. Packed in strong carrying bags and SCM approved for optimal security.

Item no.	Cable type	Cable Ø (mm <sup>2</sup> )	Cable L (m)	Compliance
195306001	Cable	20	2.5	ART-1
195306002	Cable	20	5	ART-1

## Lockk Outboard Motor Lock OBL1

The Lockk SCM Outboard Motor Lock Clamp Mounting OBL1 is SCM/ART certified and suitable for outboard motors up to 35 hp with Spindle application. Easy to mount, vibration-free, and stays in place while sailing. Made of high-quality hardened steel, with dimensions of 4 x 25cm. Suitable for motors up to 30 hp with clamp mounting. SCM approved with anti-vibration strips for extra stability.



**Material** Stainless steel (AISI 316)

**Engine brand** Universeel

Item no.	LxWxH	Compliance
OBL1	258x52x58 mm	SCM, MP03

## Lockk Outboard Motor Lock OBL2

The Lockk outboard motor lock OBL2 is SCM/ART certified and ideal for outboard motors of more than 35 hp with bolt/nut mirror attachment up to 15mm. Made of thick-walled hardened steel, it completely covers one mounting bolt, preventing it from being loosened. It features a high-quality marine cylinder for maximum security and easy installation. SCM 2021 certified and accepted by all insurers.



**Material** Stainless steel (AISI 316)

**Engine brand** Universeel

Item no.	LxWxH	Compliance
OBL2	72x50x56 mm	SCM, MP03

## Hollex OBM Lock

The Hollex outboard motor lock with clamp mounting is made of stainless steel (RVS316). This lock fits virtually any type and brand of outboard motor and is crafted from polished stainless steel for optimal durability. With a material thickness of 2 mm and welded corners, this lock offers an extremely solid construction, while the cylinder lock provides additional security. Although this lock is not SCM certified, it meets high-quality standards and offers reliable protection for your motor.



**Material** Stainless steel (AISI 316)

**Engine brand** Universeel

Item no.	LxWxH	Compliance
50333	305x40x40 mm	-

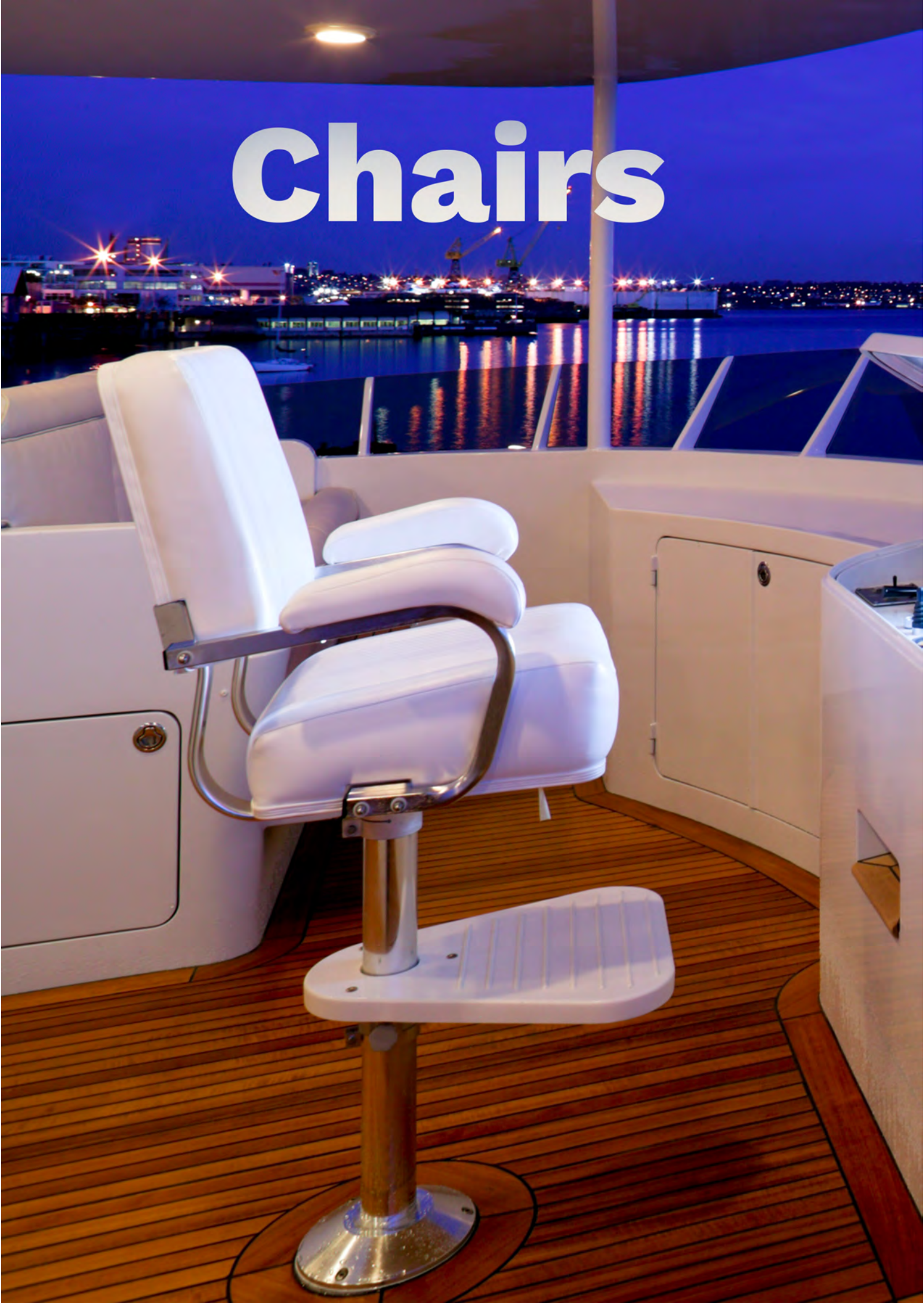
## Lockk Shore Anchor

This ART-4 certified mooring anchor by Lockk provides maximum security on various surfaces such as wood, concrete, and stone. Made of hardened steel with a 14mm thick bracket, the mooring anchor is unremovable after installation with standard tools. Complete with mounting materials, including a steel back plate for additional protection against drilling.



Item no.	Description	Compliance
195306006	Lockk shore anchor complete ART-4	ART-4

# Chairs





### Double seat Twin Star

Brand		Hollex		
Item no.	Width (mm)	H (mm)	Height (mm)	Color
165100791	930	395	500	Cream / Light grey
165100792	930	395	500	Cream / Navy



### Seat Bright Star

Brand		Hollex		
Item no.	Color	Height (mm)	Width (mm)	
165100801	White	495	410	
165100802	Navy	495	410	



### Seat Fish Star

Brand		Hollex		
Item no.	Color	Height (mm)	Width (mm)	
165100803	White / Navy	390	520	
165100804	White / Light grey	390	520	



### Seat Pro star

Brand **Hollex**

Item no.	Color	Height (mm)	Width (mm)
165100797	Red / Black	440	450



### Seat Star Camel

Brand **Hollex**

Item no.	Color	Height (mm)	Width (mm)
165100800	Brown / Camel	670	460



### Seat Star gray

Brand **Hollex**

Item no.	Color	Height (mm)	Width (mm)
165100796	Grey	615	445



### Seat Star Silver/Black

Brand **Hollex**

Item no.	Color	Height (mm)	Width (mm)
165100793	Cream / Grey	450	410
165100794	White / Black	450	410



## Seat Star White/Navy

Brand		Hollex	
Item no.	Color	Height (mm)	Width (mm)
165100798	White / Anthracite	445	405
165100799	Navy / White	445	405



## Zwaardvis helm seat Advantage

Brand		Zwaardvis	
Item no.	Description	Color	
Z.61230.00007	Zwaardvis seat Advantage / black fabric	Light grey	
Z.61230.00067	Zwaardvis seat Advantage / dark blue fabric	Dark blue	
Z.61230.00075	Zwaardvis seat Advantage / blue fabric	Dark blue	
Z.61230.00085	Zwaardvis seat Advantage / turquoise fabric	Jade green	
Z.61230.00095	Zwaardvis seat Advantage / green fabric	Green	
Z.61230.00130N	Zwaardvis seat Advantage / white skai	White	
Z.61230.00138N	Zwaardvis seat Advantage / light blue skai	Light blue	
Z.61230.00148N	Zwaardvis seat Advantage / dark blue	Dark blue	
Z.61230.00150N	Zwaardvis seat Advantage / black skai	Black	
Z.61230.00165N	Zwaardvis seat Advantage / blue skai	Bright Blue	
Z.61230.61019	Zwaardvis seat Advantage / beige fabric	Beige	
Z.61230.COGNAC	Zwaardvis seat Advantage / Cognac leather	Cognac	
Z.61230.IVORY	Zwaardvis seat Advantage/Sem Ivory	Ivory	
Z.61230.KOBALT	Zwaardvis seat Advantage/Sem Kobalt	Dark blue	
Z.61230.NERO	Zwaardvis seat Advantage/Sem Nero	Black	



## Zwaardvis helm seat California H

Item no.	Description	Color
Z.61271.00007	Zwaardvis helm seat California H / black fabric	Black
Z.61271.00067	Zwaardvis helm seat California H / dark blue fabric	Dark blue
Z.61271.00075	Zwaardvis helm seat California H / blue fabric	Blue
Z.61271.00085	Zwaardvis helm seat California H / turquoise fabric	Jade green
Z.61271.00095	Zwaardvis helm seat California H / green fabric	Green
Z.61271.00130N	Zwaardvis helm seat California H / white skai	White
Z.61271.00138N	Zwaardvis helm seat California H / light blue skai	Light blue
Z.61271.00148N	Zwaardvis helm seat California H / dark blue	Dark blue
Z.61271.00150N	Zwaardvis helm seat California H / black skai	Black
Z.61271.00165N	Zwaardvis helm seat California H / blue skai	Bright Blue
Z.61271.61019	Zwaardvis helm seat California H / beige fabric	Beige
Z.61271.COGNAC	Zwaardvis helm seat California H / Cognac leather	Cognac
Z.61271.IVORY	Zwaardvis helm seat California H/Sem Ivory	Ivory
Z.61271.KOBALT	Zwaardvis helm seat California H/Sem Kobalt	Dark blue
Z.61271.NERO	Zwaardvis helm seat California H/Sem Nero	Black



## Classic Moon

Item no.	Description	Color
165100790	Hollex helm seat Classic Moon white/navy	White / Navy



## Diamond Moon

Brand		Hollex
Item no.	Description	Color
165100789	Hollex helm seat diamond Moon white/anthracite	White / Anthracite



## Zwaardvis Pilot Seat Florida

Brand		Zwaardvis
Item no.	Description	Color
2432	Zwaardvis seat Florida / white plastic	White



## Hollex Delta I

The Delta Helmsman seats are a range of affordable seats with all features one would expect:

- a sturdy pedestal
- a round adjustable footrest
- gasspring
- height adjustable armrests armleggers
- adjustable seat
- high comfortable backrest.

The Delta I seat comes with a black five leg base. The Delta II a chrome five leg base. Both seats are available in black or blue fabric or grey vinyl.

Brand		Hollex	
Product height (mm)		620	
Item no.	Description	Height (mm)	Color
250211	Hollex helm seat Delta I / fabric blue	620	Blue
250212	Hollex helm seat Delta I / fabric Black	620	Black
250213	Hollex helm seat Delta I / imitation leather Black	620	Black





## Hollex Delta II

The Delta Helmsman seats are a range of affordable seats with all features one would expect:

- a sturdy pedestal
- a round adjustable footrest
- gasspring
- height adjustable armrests armleggers
- adjustable seat
- high comfortable backrest.

The Delta I seat comes with a black five leg base. The Delta II a chrome five leg base. Both seats are available in black or blue fabric or grey vinyl.

**Brand** Hollex  
**Product height (mm)** 610

Item no.	Description	Height (mm)	Color
250214	Hollex helm seat Delta II / fabric blue	610	Blue
250215	Hollex helm seat Delta II / fabric Black	610	Black
250216	Hollex helm seat Delta II / leatherette Black	610	Black



## Zwaardvis helm seat Jami

**Brand** Zwaardvis

Item no.	Description
2451.49	Zwaardvis seat Jami with arm rests / Ambla Tinto Blue
2451.50	Zwaardvis seat Jami with arm rests / Ambla Tinto black



## New Moon

**Brand** Hollex

Item no.	Description	Color
165100788	Hollex helm seat New Moon black/white	Black / White



## Zwaardvis helm seat Oregon

Brand **Zwaardvis**

Item no.	Description
2406.01	Zwaardvis seat Oregon / black
2406.03	Zwaardvis seat Oregon / white



## River Star

Brand **Hollex**

Item no.	Description	Color
165100795	Hollex helm seat River Star cream/light grey	Cream / Light grey



## Zwaardvis Pilot Seat San Diego

Brand **Zwaardvis**

Item no.	Description	Color
61272.BL	Zwaardvis helm seat San Diego blue leather	Blue
61272.GR	Zwaardvis helm seat San Diego grey leather	Grey
61272.ZW	Zwaardvis helm seat San Diego black leather	Black



## Zwaardvis helm seat Windhoek

Brand	Zwaardvis	
Item no.	Description	Color
Z.61278.00007	Zwaardvis helm seat Windhoek / black fabric	Black
Z.61278.00067	Zwaardvis helm seat Windhoek / dark blue fabric	Dark blue
Z.61278.00075	Zwaardvis helm seat Windhoek / blue fabric	Light blue
Z.61278.00085	Zwaardvis helm seat Windhoek / turquoise fabric	Jade green
Z.61278.00095	Zwaardvis helm seat Windhoek / green fabric	Dark grey
Z.61278.00130N	Zwaardvis helm seat Windhoek / white skai	White
Z.61278.00138N	Zwaardvis helm seat Windhoek / light blue skai	Light blue
Z.61278.00148N	Zwaardvis helm seat Windhoek / dark blue	Dark blue
Z.61278.00150N	Zwaardvis helm seat Windhoek / black skai	Black
Z.61278.00165N	Zwaardvis helm seat Windhoek / blue skai	Bright Blue
Z.61278.61019	Zwaardvis helm seat Windhoek / beige fabric	Beige
Z.61278.COGNAC	Zwaardvis helm seat Windhoek / Cognac leather	Cognac
Z.61278.IVORY	Zwaardvis helm seat Windhoek/Sem Ivory	Ivory
Z.61278.KOBALT	Zwaardvis helm seat Windhoek/Sem Kobalt	Dark blue
Z.61278.NERO	Zwaardvis helm seat Windhoek/Sem Nero	Black



## Zwaardvis Seat shell California L

Thanks to the anodized armrests and handle, this chair can be used both indoors and outdoors. If you have the chair upholstered with artificial leather, you are assured of years of seating pleasure outdoors.

**Product width (mm)** 610

**Product height (mm)** 550

**Product depth (mm)** 630

Item no.	Description
2415.00007	Zwaardvis helm seat California L / black fabric
2415.00067	Zwaardvis helm seat California L / dark blue fabric
2415.00075	Zwaardvis helm seat California L / blue fabric
2415.00085	Zwaardvis helm seat California L / turquoise fabric
2415.00095	Zwaardvis helm seat California L / green fabric
2415.00130N	Zwaardvis helm seat California L / white skai
2415.00138N	Zwaardvis helm seat California L / light blue skai
2415.00148N	Zwaardvis helm seat California L / dark blue
2415.00150N	Zwaardvis helm seat California L / black skai
2415.00165N	Zwaardvis helm seat California L / blue skai
2415.53900	zwaardvis helm seat California L / Customer fabric
2415.61019	Zwaardvis helm seat California L / beige fabric
2415.COGNAC	Zwaardvis helm seat California L / Cognac leather
2415.IVORY	Zwaardvis helm seat California L/Sem Ivory
2415.KOBALT	Zwaardvis helm seat California L/Sem Kobalt
2415.NERO	Zwaardvis helm seat California L/Sem Nero



## Zwaardvis Seat shell Dakota

Comfortable captain's chair with an aluminum frame. Available in various standard colors.

<b>Product width (mm)</b>	<b>540</b>
<b>Product height (mm)</b>	<b>460</b>
<b>Product depth (mm)</b>	<b>560</b>

Item no.	Description
2446.00007	Zwaardvis helm seat Dakota / black fabric
2446.00067	Zwaardvis helm seat Dakota / dark blue fabric
2446.00075	Zwaardvis helm seat Dakota / blue fabric
2446.00085	Zwaardvis helm seat Dakota / turquoise fabric
2446.00095	Zwaardvis helm seat Dakota / green fabric
2446.00130N	Zwaardvis helm seat Dakota / white skai
2446.00138N	Zwaardvis helm seat Dakota / light blue skai
2446.00148N	Zwaardvis helm seat Dakota / dark blue
2446.00150N	Zwaardvis helm seat Dakota / black skai
2446.00165N	Zwaardvis helm seat Dakota / blue skai
2446.61019	Zwaardvis helm seat Dakota / beige fabric
2446.COGNAC	Zwaardvis helm seat Dakota / Cognac leather
2446.IVORY	Zwaardvis helm seat Dakota/Sem Ivory
2446.KOBALT	Zwaardvis helm seat Dakota/Sem Kobalt
2446.NERO	Zwaardvis helm seat Dakota/Sem Nero



## Zwaardvis Seat Cover Maine

Sturdy captain's chair with fixed armrests and a high, continuous backrest.

<b>Product width (mm)</b>	<b>590</b>
<b>Product height (mm)</b>	<b>500</b>
<b>Product depth (mm)</b>	<b>640</b>

Item no.	Description
2407.00007	Zwaardvis helm seat Maine / black fabric
2407.00067	Zwaardvis helm seat Maine / Gemini 19
2407.00075	Zwaardvis helm seat Maine / blue fabric
2407.00085	Zwaardvis helm seat Maine / turquoise fabric
2407.00095	Zwaardvis helm seat Maine / green fabric
2407.00130N	Zwaardvis helm seat Maine / white skai
2407.00138N	Zwaardvis helm seat Maine / light blue skai
2407.00148N	Zwaardvis helm seat Maine / dark blue
2407.00150N	Zwaardvis helm seat Maine / black skai
2407.00165N	Zwaardvis helm seat Maine / blue skai
2407.61019	Zwaardvis helm seat Maine / beige fabric
2407.COGNAC	Zwaardvis helm seat Maine / Cognac leather
2407.IVORY	Zwaardvis helm seat Maine/Sem Ivory
2407.KOBALT	Zwaardvis helm seat Maine/Sem Kobalt
2407.NERO	Zwaardvis helm seat Maine/Sem Nero



## Zwaardvis Seat Cover Maryland

Captain's chair that is particularly suitable for less spacious wheelhouses. You can fold both the armrests and the seat fully.

<b>Product width (mm)</b>	<b>590</b>
<b>Product height (mm)</b>	<b>600</b>
<b>Product depth (mm)</b>	<b>370</b>
<b>Maximum product depth (mm)</b>	<b>590</b>
<b>Variable depth (mm)</b>	<b>Yes</b>

Item no.	Description
2413.00007	Zwaardvis helm seat Maryland / black fabric
2413.00067	Zwaardvis helm seat Maryland / dark blue fabric
2413.00075	Zwaardvis helm seat Maryland / blue fabric
2413.00085	Zwaardvis helm seat Maryland / turquoise fabric
2413.00095	Zwaardvis helm seat Maryland / green fabric
2413.00130N	Zwaardvis helm seat Maryland / white skai
2413.00138N	Zwaardvis helm seat Maryland / light blue skai
2413.00148N	Zwaardvis helm seat Maryland / dark blue
2413.00150N	Zwaardvis helm seat Maryland / black skai
2413.00165N	Zwaardvis helm seat Maryland / blue skai
2413.61019	Zwaardvis helm seat Maryland / beige fabric
2413.COGNAC	Zwaardvis helm seat Maryland / Cognac leather
2413.IVORY	Zwaardvis helm seat Maryland/Sem Ivory
2413.KOBALT	Zwaardvis helm seat Maryland/Sem Kobalt
2413.NERO	Zwaardvis helm seat Maryland/Sem Nero



## Zwaardvis Seat shell Michigan de Luxe

Comfortable captain's chair with a thick seat cushion. The chair is luxuriously finished and comes with a headrest and adjustable backrest. The height mentioned in the table includes the headrest.

<b>Product width (mm)</b>	<b>575</b>
<b>Product height (mm)</b>	<b>800</b>
<b>Product depth (mm)</b>	<b>600</b>
<b>Maximum product depth (mm)</b>	<b>650</b>
<b>Variable depth (mm)</b>	<b>Yes</b>

Item no.	Description
2488.00007	Zwaardvis helm seat Michigan de Luxe / black fabric
2488.00067	Zwaardvis helm seat Michigan de Luxe / dark blue fabric
2488.00075	Zwaardvis helm seat Michigan de Luxe / blue fabric
2488.00085	Zwaardvis helm seat Michigan de Luxe / turquoise fabric
2488.00095	Zwaardvis helm seat Michigan de Luxe / green fabric
2488.00130N	Zwaardvis helm seat Michigan de Luxe / white skai
2488.00138N	Zwaardvis helm seat Michigan de Luxe / light blue skai
2488.00148N	Zwaardvis helm seat Michigan de Luxe / dark blue
2488.00150N	Zwaardvis helm seat Michigan de Luxe / black skai
2488.00165N	Zwaardvis helm seat Michigan de Luxe / blue skai
2488.COGNAC	Zwaardvis helm seat Michigan de Luxe / Cognac leather
2488.IVORY	Zwaardvis helm seat Michigan de Luxe/Sem Ivory
2488.KOBALT	Zwaardvis helm seat Michigan de Luxe/Sem Kobalt
2488.NERO	Zwaardvis helm seat Michigan de Luxe/Sem Nero





## Hollex Fixed Chair Column

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Aluminum</b>
<b>Type Version</b>	<b>Fixed</b>

Item no.	Description
165100814	Hollex pedestal fixed with swivel 33cm
165100815	Hollex pedestal fixed with swivel 38cm



## Hollex Manually Operated Chair Column

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Aluminum</b>
<b>Type Version</b>	<b>Manuell</b>

Item no.	Description
165100808	Hollex pedestal manual with slide 33-46cm
165100809	Hollex pedestal manual with slide 43-61cm
165100810	Hollex pedestal manual with swivel 33-46cm
165100811	Hollex pedestal manual with swivel 43-61cm



## Hollex Gas Operated Chair Column

<b>Brand</b>	<b>Hollex</b>
<b>Material</b>	<b>Aluminum</b>
<b>Type Version</b>	

Item no.	Description
165100806	Hollex pedestal pneumatic with slide 37-51cm
165100807	Hollex pedestal pneumatic with slide 43-61cm
165100812	Hollex pedestal pneumatic with swivel 37-51cm
165100813	Hollex pedestal pneumatic with swivel 43-61cm



## Zwaardvis Chair Column Manual

The aluminum chair columns are height adjustable, rotatable 360°, and can be locked in any position. The columns are tapered at the bottom, allowing for a solid connection between the column and flange/base. The heights mentioned in the table below include the chair carrier (which is supplied with most chair shells).

Variable diameter mm

Yes

Item no.	Description
2420	Zwaardvis seat pedestal 47,5-77,0cm
2422	Zwaardvis seat pedestal 27,0-40,0cm
2423	Zwaardvis seat pedestal 38,5-67,5cm
2492	Zwaardvis seat pedestal 31,5-40cm ø76 / 60mm anodised
2493	Zwaardvis seat pedestal 57,5-81cm ø76 / 60mm anodised



## Zwaardvis Chair Column Gas Pressure

The aluminum chair columns are height adjustable, rotatable 360°, and can be locked in any position. The columns are tapered at the bottom, allowing for a solid connection between the column and flange/base. The heights mentioned in the table below include the chair carrier (which is supplied with most chair shells).

Item no.	Description
2421	Zwaardvis seat pedestal 51,0-81,5cm gas strut
2424	Zwaardvis seat pedestal 39,0-69,5cm gas strut
2425	Zwaardvis seat pedestal 45,0-54,0cm gas strut
2452	Zwaardvis seat pedestal 33,5-44,5cm gas strut
Z.62071A	Zwaardvis seat pedestal 45,0-54,0cm gas strut
Z.62073A	Zwaardvis seat pedestal 450-540mm gas strut
Z.67561N	Zwaardvis Notus seat pedestal 56,5-80cm



## Zwaardvis Chair base Notus

Notus chair base with adjustable height. Featuring a smooth anodized aluminum column and a 5-pronged cross foot. The carrier and foot are black powder coated. This base has been tested and complies with the American ABYC/H31 standard. We recommend installing this base under a California H, Windhoek, or San Diego model.

Variable diameter mm

Yes

Item no.	Description
31801N	Zwaardvis Notus seat support / 5 leg base
31802N	Zwaardvis Notus seat support 5 leg base adjustable footrest
31811N	Zwaardvis Notus seat support / base ø250mm





## Zwaardvis Table Column Conical 2 Side

Brand	Zwaardvis
Item no.	Description
2456	Zwaardvis table pedestal 66cm / model 2 ø60mm
2457	Zwaardvis table pedestal 71cm / model 2 ø60mm
2486	Zwaardvis table pedestal 66cm model 2 ø76mm
2487	Zwaardvis table pedestal 71cm model 2 ø76mm



## Zwaardvis Table Column Conical 1 Side

Brand	Zwaardvis
Item no.	Description
2454	Zwaardvis table pedestal 66cm / model 1 ø60mm
2455	Zwaardvis table pedestal 71cm / model 1 ø60mm
2485	Zwaardvis table pedestal 71cm model 1 ø76mm



## Zwaardvis Chair Carrier

Install a chair carrier between the chair shell and the chair column. Additionally, you can mount a chair slide between the chair carrier and the chair column.

Brand	Zwaardvis
Item no.	Description
2442	Zwaardvis seat support ø60mm
2443	Zwaardvis seat support ø76mm
Z.63763N	Zwaardvis Notus seat support ø60mm anthracite



## Zwaardvis Chair Carrier/Sled Adjustable

Mount a chair carrier between the chair shell and the chair column. You can also mount a chair slide between the chair carrier and the chair column.

Brand	Zwaardvis
Item no.	Description
2416	Zwaardvis chair slide 15cm adjustable
2426	Zwaardvis chair slide 19cm adjustable



## Zwaardvis Proteus Chair Carrier

**Brand** Zwaardvis  
**Material** Aluminum Stainless steel (AISI 316)

Item no.	Description
10011	Zwaardvis Proteus S boxmount slidable
10012	Zwaardvis Proteus PS boxmount rotatable / slidable



## Hollex chair carrier

**Brand** Hollex

Item no.	Description
165100805	Hollex seat swivel plate black 15x17x17cm



## Zwaardvis Footrest

Item no.	Description
2417	Zwaardvis adjustable footrest
2418	Zwaardvis fixed footrest Poseidon
2419	Zwaardvis footrest AISI / grey long model
246027	Zwaardvis adjustable footrest ø76mm
64306	Zwaardvis Arges footrest foldable wall mounting
Z.64199	Zwaardvis feet rest pedestal 100 adjustable / foldable
Z.64300N	Zwaardvis Notus footrest ø60mm anthracite
Z.64301N	Zwaardvis Notus foldable footrest long steel
Z.64301W	Zwaardvis feet rest AISI / white long model
Z.64302G	Zwaardvis feet rest AISI / grey short model
Z.64302N	Zwaardvis Notus foldable footrest short steel
Z.64302W	Zwaardvis feet rest AISI / white short model



## Zwaardvis Railsystems

**Brand** Zwaardvis  
**Material** Brushed stainless steel



Item no.	Description
68410	Zwaardvis Twintrack 1010 S / S bulkhead frame
68510	Zwaardvis Twintrack 1010-F with double foot pedal

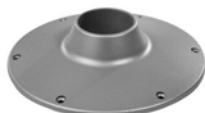
## Cross base Proteus



Item no.	Description
Z.12540	Zwaardvis Proteus onderstel 400-500mm five leg base
Z.12566	Zwaardvis Proteus onderstel 660-760mm five leg base

## Construction Flanges

There is a choice of different mounting flanges available to attach chair columns to the floor. You can choose the flange that best suits the layout of your wheelhouse.



Item no.	Description
2428	Zwaardvis bulkhead mount ø76mm
2482	Zwaardvis bulkhead mount ø250 / 76mm anodised
2499	Zwaardvis bulkhead mount ø250 / 60mm anodised
249901	Zwaardvis bulkhead mount ø180 / 60mm anodised



## Built-in Flanges

There is a choice of different mounting flanges available to attach chair columns to the floor. You can choose the flange that best suits the layout of your wheelhouse.



Item no.	Description
2427	Zwaardvis flush mount ø76mm
2472	Zwaardvis flush mount ø76mm
2498	Zwaardvis flush mount ø60mm anodised

## Cross base Notus

Item no.	Description
2430	Zwaardvis five leg base
Z.64030N	Zwaardvis Notus five leg base ø76mm anthacite



## Sealing cap Flange

Item no.	Description
2464	Zwaardvis plug ø60mm
2465	Zwaardvis plug ø76mm



## Quick Fix Flange

Item no.	Description
246023	Zwaardvis Quick Fix flush mount ø60 / 140mm
246024	Zwaardvis Quick Fix flush mount ø76 / 155mm



## Flanges

There is a choice of different mounting flanges available to attach chair columns to the floor. You can choose the flange that best suits the layout of your wheelhouse.

Item no.	Description
246020	Zwaardvis bulkhead mount ø60mm anodised
246021	Zwaardvis bulkhead mount ø76mm anodised

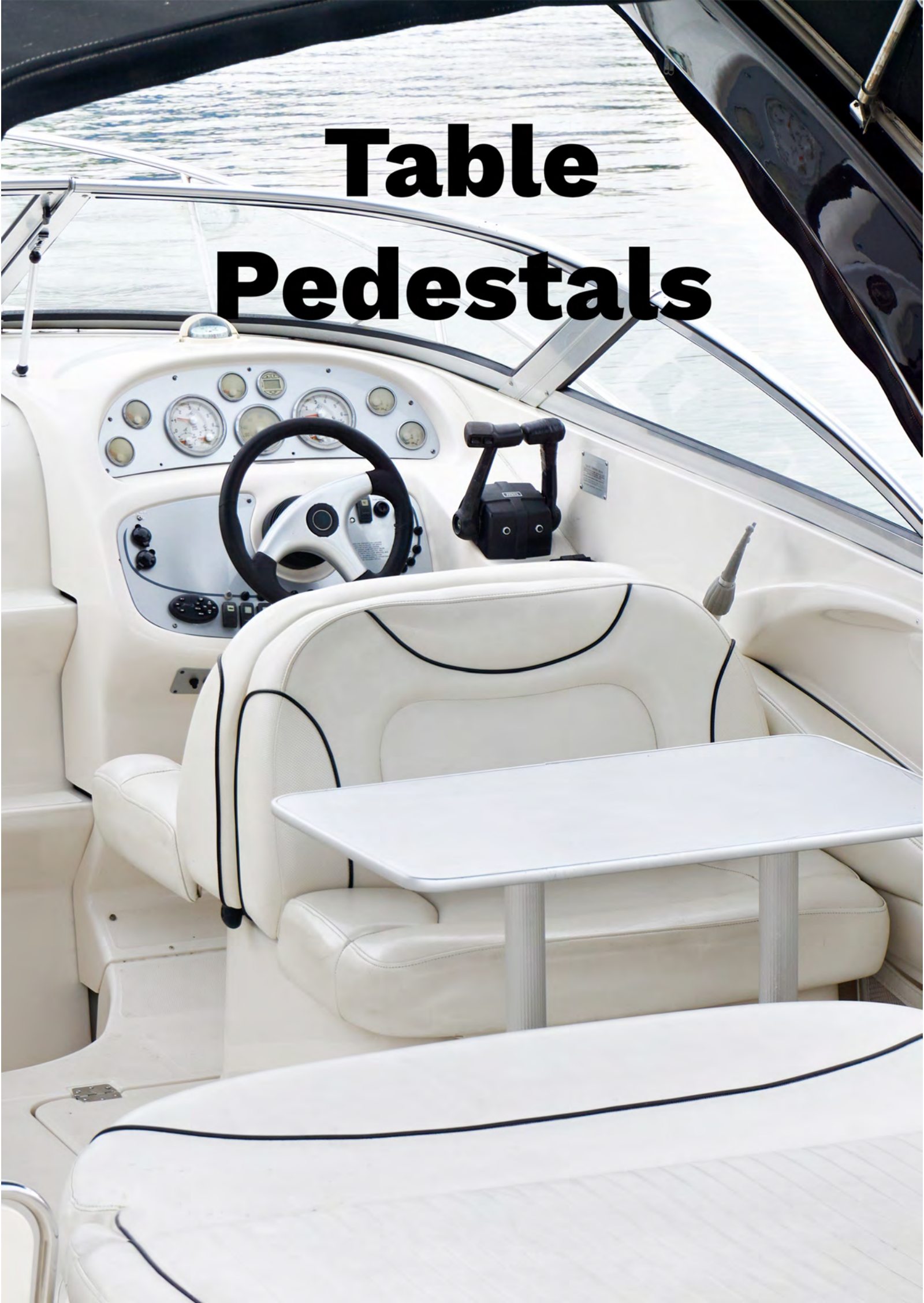




## Zwaardvis Adapter Plate Orlando

Item no.	Description
30219	Zwaardvis adaptor plate Orlando

# Table Pedestals







## Hollex Tabletop Inlay and Cup Holders

**Material** UV resistant Polypropylene

**Shape** Oval

Item no.	Description
243830	# Hollex inlay tabletop oval light brown with 4 holders
243831	# Hollex inlay tabletop dark grey with 4 cups



## Hollex Table Top

**Material** UV resistant Polypropylene

**Shape** Oval

**Product length (mm)** 76

**Product width (mm)** 46

Item no.	Description
2438	Hollex table top oval white UV resistant
2439	Hollex table top oval black UV resistant



## Hollex Tabletop Inlay

**Shape** Oval

Item no.	Description
2438.01	Hollex inlay table top oval self adhesive light brown
2438.02	Hollex inlay table top oval self adhesive dark grey



## Hollex Table Top Set

**Material** UV resistant Polypropylene

**Shape** Oval

**Product length (mm)** 76

**Product width (mm)** 46

Item no.	Description
2438.SET	# Hollex table set white with 4 cups
243821	# Hollex table top white inlay light brown 4 holders
243822	# Hollex table top white inlay dark grey 4 holders
243825	# Hollex table top black inlay light brown holders
243826	# Hollex table top black inlay dark grey holders



## Zwaardvis Table Top Carrier

Item no.	Description
2476	Zwaardvis tabletop support 50cm ø60mm
2478	Zwaardvis tabletop support 50cm ø76mm



## Zwaardvis Table Top Carrier T-System

The new Zwaardvis T-System tabletop holders are specially designed for use with the Triton series table bases. The T-System tabletop holders have a height of only 15 mm and offer solutions for all conceivable situations with the available variants. For example, with 1 Triton column and the T-System type "Slide-fold", you can easily transform a seating area into a sleeping area. The modular T-System tabletop holders make it possible to optimize the use of space on board. Triton columns are supplied as standard with an adapter for the T-System tabletop holder.

Item no.	Description
Z.639010	Zwaardvis tabletop support T-System Fixed
Z.639020	Zwaardvis tabletop support T-System Move
Z.639030	Zwaardvis tabletop support T-System Xove
Z.639040	Zwaardvis tabletop support T-System Single Fold
Z.639050	Zwaardvis tabletop support T-System Double Fold
Z.639060	Zwaardvis tabletop support T-System Slide Fold



## Zwaardvis Table Top Carrier with Sled

Item no.	Description
246046	Zwaardvis table support with slide for pedestal ø60mm
246047	Zwaardvis table support with slide for pedestal ø76mm





### Zwaardvis Table base Innox FB

Type Version

Fixed

Item no.	Description	Height (mm)
32168	Table base Innox FB	680

### Zwaardvis Columbus table base

Type Version

Fixed

Item no.	Description	Height (mm)
246503	Table base Columbus WP	730
246502	Table base Columbus WF	730
246505	Table base Columbus WA	740

### Zwaardvis Table Column with Flange

Item no.	Description	Height (mm)
246040	Table column with flange	510
246042	Table column with 2 flanges	720

### Zwaardvis Table base Triton I

Type Version

Fixed

Item no.	Description	Height (mm)
Z.65869	Table base Triton 1	675

## Zwaardvis Table base Triton II

Type	Version	Manuell	
Item no.	Description	Height (mm)	Ø (mm)
Z.65346	Triton II table base	464	76
Z.65651	Triton II table base	510	60



## Zwaardvis Table base Triton III

Type	Version	Manuell	
Item no.	Description	Height (mm)	Ø (mm)
Z.65029-150	Triton III table base	297	60
Z.65032	Triton III table base	322	60
Z.65035	Triton III table base	352	60



## Zwaardvis Table Columns

Item no.	Description
246043	Table pedestal 100 / 76 / 60 bulkhead mount 340-650mm
246045	Table pedestal 100 / 76 / 60 bulkhead mount 360-710mm
2473	Table pedestal 36,5-64,0cm
Z.36500	Table support Sigma MBI 490-810mm
Z.36506	Table support Omega MRI 365-640mm
Z.62090A	Table pedestal 490-810mm / manual



## Zwaardvis table column on gas pressure

Adjustable surface-mount table columns. Compatible with tabletop holders of 60mm and surface mounting flanges of 76mm.

Item no.	Description
2474	Zwaardvis table pedestal 36,5-64,0cm gas strut
Z.62190A	Zwaardvis table pedestal 490-810mm / gas spring



## Zwaardvis Fixed Table Column

Anodized and stainless steel (RVS316) table columns.

Featuring one side tapered, compatible with slides, tabletop holders, and recessed or surface mounting flanges.

Featuring two sides tapered, compatible with recessed or surface mounting flanges.

Item no.	Description
Z.67670	Zwaardvis QR table pedestal ø40x700mm
246025	Zwaardvis table pedestal AISI316 ø60 L=660mm
246026	Zwaardvis table pedestal AISI316 ø60 L=710mm
246028	Zwaardvis table pedestal ø76 L=660 AISI316
246029	Zwaardvis table pedestal ø76 L=710 AISI316

## Accessories Table columns

Item no.	Description
Z.64029	Zwaardvis QR base ø150mm S / S316 highly polished



# Steering wheels





### Sports Steering Wheel Type 63

The Stazo Sport steering wheels are timeless, present but not dominating. Sport steering wheels embody the renowned Stazo quality.

Material	Mahogany		Stainless steel		
	Item no.	Ø (cm)	Spokes (pcs)	Color	Material
	1577	35	3	Silver	Mahogany / Stainless steel



### Sports Steering Wheel Type 61

The Stazo Sport steering wheels are timeless, present but not dominating. Sport steering wheels embody the renowned Stazo quality.

Material	Polyurethane		Aluminum		
	Item no.	Ø (cm)	Spokes (pcs)	Color	Material
	1575	35	3	Black	Polyurethane / Aluminum



### Sports Steering Wheel Type 60

The Stazo Sport steering wheels are timeless, present but not dominating. Sport steering wheels embody the renowned Stazo quality.

Material	Polyurethane		Aluminum		
	Item no.	Ø (cm)	Spokes (pcs)	Color	Material
	1574	35	3	Grey	Polyurethane / Aluminum



### Retro Steering Wheel Type 57

Material	Teak		Stainless steel	
	Item no.	Ø (cm)	Spokes (pcs)	Material
	1568	35	3	Teak / Stainless steel

## Retro Steering Wheel Type 56

Material		Teak	Stainless steel
Item no.	Ø (cm)	Spokes (pcs)	Material
1567	35	3	Teak / Stainless steel



## Retro Steering Wheel Type 50

Material		Teak	Stainless steel
Item no.	Ø (cm)	Spokes (pcs)	Material
1566	35	3	Teak / Stainless steel



## Steering wheel Type 27

Retro Design steering wheels feature modern, sleek spokes with a classic wooden rim around them. A beautiful piece for any modern yacht.

Item no.	Ø (cm)	Spokes (pcs)	Material
1546	40	3	Teak / Aluminum
1547	40	3	Teak / Aluminum



## Comfort Steering Wheel Type 20

The Stazo Comfort Design steering wheels are characterized by a sleek design with modern-shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Material
1571	40	6	Teak / Stainless steel
1572	50	6	Teak / Stainless steel
1573	60	6	Teak / Stainless steel







## Retro Classic Steering Wheel Type 19

The craftsmanship of Stazo is reflected in this retro-classic line of steering wheels. Stazo Retro-Classical steering wheels are made from carefully selected wood. During assembly, the steering wheels are both riveted and glued, making them extra sturdy and durable.

Item no.	Ø (cm)	Spokes (pcs)	Material
5660	50	5	Teak / Brass
5661	60	5	Teak / Brass
5662	70	5	Teak / Brass
5663	80	5	Teak / Brass
5664	90	5	Teak / Brass
5665	100	5	Teak / Brass
5666	110	5	Teak / Brass
5667	120	5	Teak / Brass
5690	50	5	Teak / Chrome
5691	60	5	Teak / Chrome
5692	70	5	Teak / Chrome
5693	80	5	Teak / Chrome
5694	90	5	Teak / Chrome
5695	100	5	Teak / Chrome
5696	110	5	Teak / Chrome
5697	120	5	Teak / Chrome



## Comfort Steering Wheel Type 16

The Stazo Comfort Design steering wheels are characterized by a sleek design with modern-shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Material
1592	90	8	Stainless steel
1593	100	8	Stainless steel

## Comfort Steering Wheel Type 15

The Stazo Comfort Design steering wheels are characterized by a sleek design with modern-shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Material
1590	90	8	Teak / Stainless steel
1591	100	8	Teak / Stainless steel



## Comfort Steering Wheel Type 14

The Stazo Comfort Design steering wheels are characterized by a sleek design with modern-shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Material
1550	60	8	Stainless steel
1551	70	8	Stainless steel
1552	80	8	Stainless steel
1553	90	8	Stainless steel
1554	40	8	Stainless steel
1555	50	8	Stainless steel



## Comfort Steering Wheel Type 13

The Stazo Comfort Design steering wheels are characterized by a sleek design with modern-shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Material
1531	40	8	Teak / Stainless steel
1532	50	8	Teak / Stainless steel
1533	60	8	Teak / Stainless steel
1534	70	8	Teak / Stainless steel
1535	80	8	Teak / Stainless steel
1536	90	8	Teak / Stainless steel





## Comfort Grip Steering Wheel Type 12

The Stazo Comfort Design steering wheels are distinguished by their sleek design with modernly shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Color	Material
1579	35	5	Grey	Polyurethane / Stainless steel
1580	35	5	Black	Polyurethane / Stainless steel
1581	35	5	White	Polyurethane / Stainless steel
1582	45	6	Grey	Polyurethane / Stainless steel
1582.ZW	45	6	Black	Polyurethane / Stainless steel
1584	55	6	Grey	Polyurethane / Stainless steel
1585	55	6	Black	Polyurethane / Stainless steel
1587	70	6	Grey	Polyurethane / Stainless steel
1588	70	6	Black	Polyurethane / Stainless steel
1589	80	6	Black	Polyurethane / Stainless steel



## Comfort Grip Steering Wheel Type 11

The Stazo Comfort Design steering wheels are distinguished by their sleek design with modernly shaped spokes. The steering wheels are available with wooden or metal rims.

Item no.	Ø (cm)	Spokes (pcs)	Material
5651	60	5	Teak / Aluminum / Brass
5652	70	6	Teak / Aluminum / Brass
5653	80	6	Teak / Aluminum / Brass
5654	90	6	Teak / Aluminum / Brass
5655	100	6	Teak / Aluminum / Brass
5656	110	6	Teak / Aluminum / Brass
5657	120	6	Teak / Aluminum / Brass

## Retro Classic Steering Wheel Type 7

The craftsmanship of Stazo is reflected in this retro-classic line of steering wheels. Stazo Retro-Classical steering wheels are made from carefully selected wood. During assembly, the steering wheels are both riveted and glued, making them extra sturdy and durable.



Item no.	Ø (cm)	Spokes (pcs)	Material
5671	70	8	Teak / Brass
5673	80	8	Teak / Brass
5674	90	8	Teak / Brass
5675	100	8	Teak / Brass
5676	115	8	Teak / Brass
5677	125	8	Teak / Brass
5681	70	8	Teak / Chrome
5683	80	8	Teak / Chrome
5684	90	8	Teak / Chrome
5685	100	8	Teak / Chrome
5686	115	8	Teak / Chrome
5687	125	8	Teak / Chrome

## Retro Classic Steering Wheel Type 3

The craftsmanship of Stazo is reflected in this retro-classic line of steering wheels. Stazo Retro-Classical steering wheels are made from carefully selected wood. During assembly, the steering wheels are both riveted and glued, making them extra sturdy and durable.



Item no.	Ø (cm)	Spokes (pcs)	Material
1561	40	6	Teak / Chrome
1563	50	6	Teak / Chrome
1565	60	6	Teak / Chrome



## Retro Classic Steering Wheel Type 2

The craftsmanship of Stazo is reflected in this retro-classic line of steering wheels. Stazo Retro-Classical steering wheels are made from carefully selected wood. During assembly, the steering wheels are both riveted and glued, making them extra sturdy and durable.

Item no.	Ø (cm)	Spokes (pcs)	Material
1521	40	6	Teak / Brass
1521M	40	6	Mahogany / Brass
1522	45	6	Teak / Brass
1522M	45	6	Mahogany / Brass
1523	50	6	Teak / Brass
1523M	50	6	Mahogany / Brass
1525	60	6	Teak / Brass
1525M	60	6	Mahogany / Brass
1541	40	6	Teak / Chrome
1541M	40	6	Mahogany / Chrome
1542	45	6	Teak / Chrome
1542M	45	6	Mahogany / Chrome
1543	50	6	Teak / Chrome
1543M	50	6	Mahogany / Chrome
1545	60	6	Teak / Chrome
1545M	60	6	Mahogany / Chrome



## Retro Classic Steering Wheel Type 1

The craftsmanship of Stazo is reflected in this retro-classic line of steering wheels. Stazo Retro-Classical steering wheels are made from carefully selected wood. During assembly, the steering wheels are both riveted and glued, making them extra sturdy and durable.

Item no.	Ø (cm)	Spokes (pcs)	Material
1501	35	6	Teak / Brass
1502	40	6	Teak / Brass
1503	45	6	Teak / Brass
1505	55	6	Teak / Brass
1511	35	6	Teak / Chrome
1512	40	6	Teak / Chrome
1513	45	6	Teak / Chrome
1515	55	6	Teak / Chrome

## Steering wheel adapters

For steering wheels type 07, 11, and 19 with a shaft hole larger than 26 mm in diameter, the adapter must be custom-made in stainless steel (see Steering Wheel Shaft diameter). Dimensions are in millimeters.



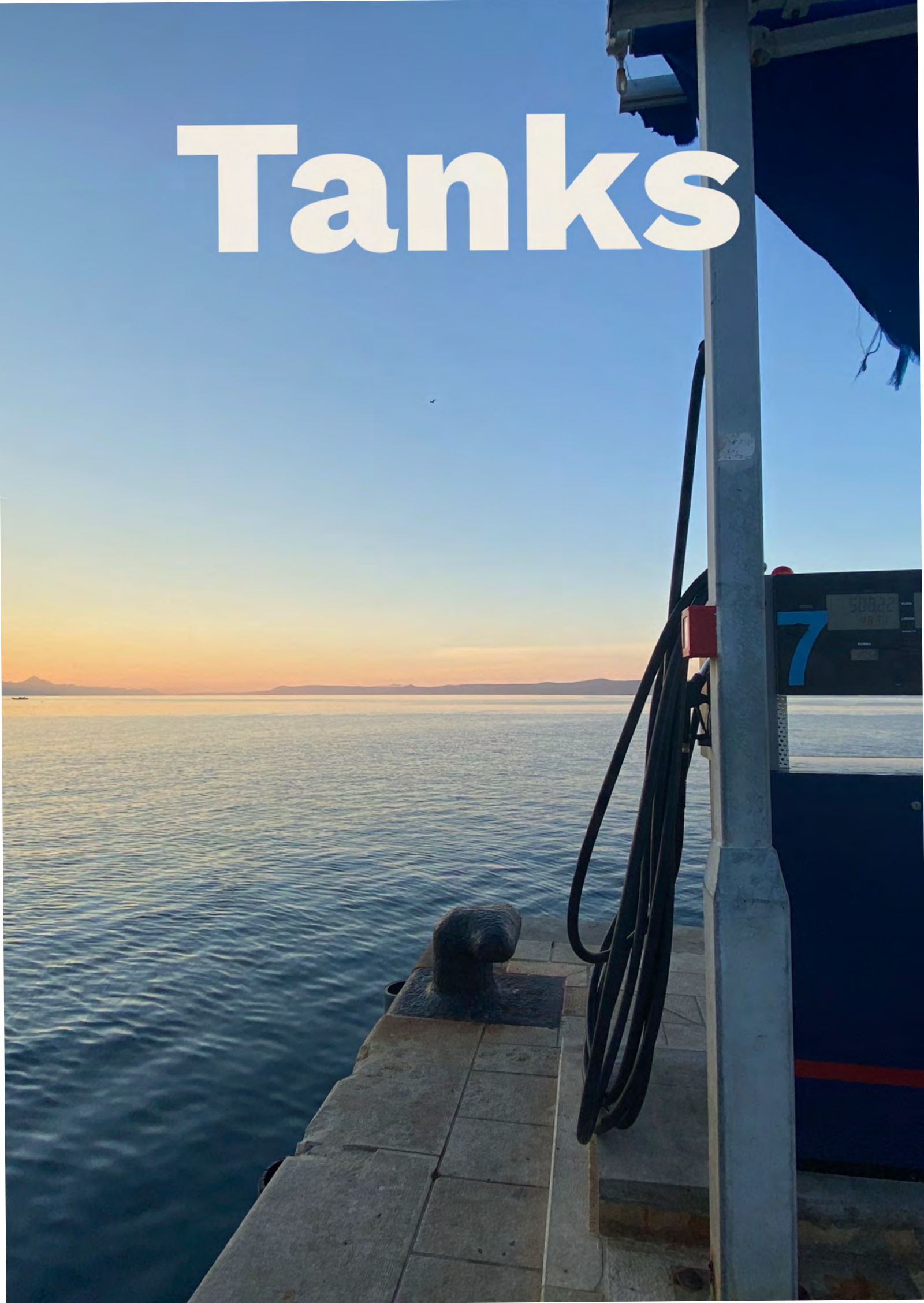
Item no.	Description
157001	Stazo adapter delrin 17x19x25mm/keyway 5x3mm
157036	Stazo adapter AISI 25,4x25,4x25/keyway 6,3x3,2
157033	Stazo adapter AISI 18x25x25/keyway 6x4
157031	Stazo adapter AISI 17x19x25/keyway 5x3
157025	Stazo taper 28x28x45 / keyway 8x3,5 (LS433)
157021	Stazo adapter aluminium 28x28x45mm/keyway 8x3,5mm (2)
157020	Stazo adapter aluminium 20,53x22x25mm/keyway 5x3mm
157019	Stazo adapter aluminium 23,2x24,6x25mm/keyway 5x3mm
157017	Stazo adapter aluminium custom made max. ø26mm
157037	Stazo adapter delrin 17,6x19,6x31mm/keyway 5x3mm
157016	Stazo adapter aluminium 25,4x25,4x25mm/keyway 6,3x3,2mm
157014	Stazo adapter aluminium 17,2x20x25mm/keyway 4,7x2,4mm for 1627
157013	Stazo adapter aluminium 18x25x18mm/keyway 6x4mm
157012	Stazo adapter aluminium 19,7x22x26mm/keyway 6x3mm
157011	Stazo adapter aluminium 17x19x25mm/keyway 5x3mm
157010	Stazo adapter delrin 20,53x22x25mm/keyway 5x3mm
157006	Stazo adapter delrin 25,4x25,4x25mm/keyway 6,3x3,2mm
157005	Stazo adapter delrin 10x10x25mm/pre-drilled
157003	Stazo adapter delrin 18x25x25mm/keyway 6x4mm
157015	Stazo adapter aluminium 26x28,5x25mm/keyway 8x4mm (LS433)
157038	Stazo adapter aluminium 17,6x19,6x31mm/keyway 5x3mm

## Foldable Handlebar pin

Item no.	Description	Thread	Material
1507	Stazo foldable grip chrome M12	M12	Chromed
1509	Stazo foldable grip brass M12	M12	Brass



# Tanks





## Hollex oil tanks

These oil tanks are made of stainless steel (RVS) and available in two sizes. The tanks are equipped with a B.S.P. 1/2" filling cap with ventilation and a sight glass. They come with welded suspension brackets.

Material		Stainless steel (AISI 316)	
Item no.	Description	LxWxH	Tank capacity (l)
69010	Oil Tank OT4-RVS316-4 ltr.-M.	100x150x300 mm	4
69011	Oil Tank OT6-RVS316-6 ltr.-M	150x150x300 mm	6



## Hollex Diablo Tanks

Brand	Hollex
Material	HDPE
Item no.	Description
135001	Hollex tank 37ltr 230x500mm without plate
135002	Hollex tank 48ltr 230x650mm without plate
135006	Hollex tank 49ltr 305x500mm without plate
135007	Hollex tank 64ltr 305x650mm without plate
135003	Hollex tank 60ltr 230x800mm without plate
135004	Hollex tank 70ltr 230x950mm without plate
135008	Hollex tank 78ltr 305x800mm without plate
135005	Hollex tank 82ltr 230x1100mm without plate
135009	Hollex tank 93ltr 305x950mm without plate
135010	Hollex tank 108ltr 305x1100mm w/o plate

## Hollex Diablo Tank Plates

Material		HDPE
Item no.	Description	Color
135013	Hollex tank plate waste water 230mm	Brown
135015	Hollex tank plate waste water 305mm	Brown
135011	Hollex tank plate FUEL	Red
135012	Hollex tank plate WATER	Blue
135014	Hollex tank plate blind	White





## Hollex Diablo Tank Fittings

Item no.	Description
135016	Hollex elbow 90° ø38mm hose with 1½" thread
135017	Hollex cap with 1½" thread
135018	Hollex cap with ¾" thread
135019	Hollex elbow 90° ø17mm hose with ¾" thread
135020	Hollex cap with ½" thread
135021	Hollex elbow 90° ø11mm hose with ½" thread
135022	Hollex elbow 90° ø13mm hose with ¾" thread
135023	Hollex elbow 90° ø25mm hose with 1½" thread
135024	Hollex elbow set 90° ø25&20mm hose with 1" thread
135025	Hollex gasket 235x17,5mm



# Ropes & lines



# How do I choose the right lines for my boat?

When choosing the right lines for your boat, you can rely on Hollex for quality and durability.

With a selection of 3-strand or 16-strand anchor-, fender-, and mooring lines, you can find the strength and reliability that your boat deserves when docking.

Hollex offers a wide range of materials, lengths, and diameter so that you can find the perfect line that suits your needs and vessel. With Hollex, you can rest assured knowing that your boat is safely moored.

## Polypropylene versus Polyester

From Hollex, you can choose from two main materials: polyester and polypropylene, but we also offer a mix of both materials for extra versatility. Here are the key differences:

**Polypropylene:** A cost-effective alternative that floats on water. Polypropylene is lighter and can produce noise under tension, but it's a good choice for budget-conscious boat owners. It is ideal for anchor lines and applications where buoyancy is important.

**Polyester/Polypropylene Mix:** Our blend of polyester and polypropylene combines the best of both worlds. You get the abrasion resistance and strength of polyester with the buoyancy and cost-effectiveness of polypropylene. This versatile option is ideal for various applications, providing more flexibility when choosing the right line for your boat.

**Polyester:** This material is known for its high abrasion resistance, making it long-lasting even under harsh conditions. Polyester retains its strength and flexibility but has the tendency to sink in water. This makes it ideal for mooring lines and fender lines, where durability is essential.



## Hollex Anchor Line

With Hollex Anchor Lines, you are ensured the strength and durability needed to safely anchor your boat. Choose the type of line, length, and thickness that best suits your needs, and enjoy the peace of mind that these anchor lines provide during your maritime adventures.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand		Hollex		
Item no.	Ø (mm)	Length (m)	Color	Material
ALZ1020	10	20	Black	Polypropylene
ALN1020	10	20	Navy	Polypropylene
ALZ1230	12	30	Black	Polypropylene
ALN1230	12	30	Navy	Polypropylene
ALZ1220	12	20	Black	Polypropylene
ALN1220	12	20	Navy	Polypropylene
ALZ1230PP	12	30	Black	Polyester / Polypropylene



## Hollex Anchor Line with Lead

With Hollex Anchor Lines, you are ensured the strength and durability needed to safely anchor your boat. Choose the type of line, length, and thickness that best suits your needs, and enjoy the peace of mind that these anchor lines provide during your maritime adventures.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Item no.	Ø (mm)	Length (m)	Color	Material
RPN10020L	10	20	Navy	Polyester / Lead
RPB10020L	10	20	Black	Polyester / Lead
RPWZ10020L	10	20	White / Black	Polyester / Lead
RPB10030L	10	30	Black	Polyester / Lead
RPWZ10030L	10	30	White / Black	Polyester / Lead
RPN12020L	12	20	Navy	Polyester / Lead
RPZ12020L	12	20	Black	Polyester / Lead
RPWZ1220L	12	20	White / Black	Polyester / Lead
RPB1220L	12	20	Black	Polyester / Lead
RPN12030L	12	30	Navy	Polyester / Lead
RPB12030L	12	30	Black	Polyester / Lead
RPWZ12030L	12	30	White / Black	Polyester / Lead
RPWZ1240L	12	40	White / Black	Polyester / Lead
RPB1240L	12	40	Black	Polyester / Lead
RPWZ1440L	14	40	White / Black	Polyester / Lead
RPB1440L	14	40	Black	Polyester / Lead



## Hollex fender line 3 strings

With Hollex Fender Lines, you can effortlessly attach your fenders and protect your boat or tender from damage during docking. Choose the length and thickness that best suit your needs and enjoy the convenience and reliability of these fender lines during your maritime adventures.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

**Brand** Hollex  
**Material** Polypropylene  
**Number of pcs** 2

Item no.	Ø (mm)	Length (m)	Color	Material
FLN08015	8	1.5	Navy	Polypropylene
FLZ08015	8	1.5	Black	Polypropylene
FLN08025	8	2.5	Navy	Polypropylene
FLZ08025	8	2.5	Black	Polypropylene
FLN10015	10	1.5	Navy	Polypropylene
FLZ10015	10	1.5	Black	Polypropylene
FLN10025	10	2.5	Navy	Polypropylene
FLZ10025	10	2.5	Black	Polypropylene
FLN12025	12	2.5	Navy	Polypropylene
FLZ12025	12	2.5	Black	Polypropylene



## Hollex fender line 16 strings

With Hollex Fender Lines, you can effortlessly attach your fenders and protect your boat or tender from damage during docking. Choose the length and thickness that best suit your needs and enjoy the convenience and reliability of these fender lines during your maritime adventures.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex	
	Polyester	Polypropylene
Material		
Number of pcs	2	

Item no.	Ø (mm)	Length (m)	Color	Material
FLN08015PP	8	1.5	Navy	Polyester / Polypropylene
FLWZ08015PP	8	1.5	White / Black	Polyester / Polypropylene
FLZ08015PP	8	1.5	Black	Polyester / Polypropylene
FLN08025PP	8	2.5	Navy	Polyester / Polypropylene
FLWZ08025PP	8	2.5	White / Black	Polyester / Polypropylene
FLZ08025PP	8	2.5	Black	Polyester / Polypropylene
FLN10015PP	10	1.5	Navy	Polyester / Polypropylene
FLWZ10015PP	10	1.5	White / Black	Polyester / Polypropylene
FLZ10015PP	10	1.5	Black	Polyester / Polypropylene
FLN10025PP	10	2.5	Navy	Polyester / Polypropylene
FLWZ10025PP	10	2.5	White / Black	Polyester / Polypropylene
FLZ10025PP	10	2.5	Black	Polyester / Polypropylene
FLN12015PP	12	1.5	Navy	Polyester / Polypropylene
FLWZ12015PP	12	1.5	White / Black	Polyester / Polypropylene
FLZ12015PP	12	1.5	Black	Polyester / Polypropylene
FLN12025PP	12	2.5	Navy	Polyester / Polypropylene
FLWZ12025PP	12	2.5	White / Black	Polyester / Polypropylene
FLZ12025PP	12	2.5	Black	Polyester / Polypropylene



## Hollex mooring line 16 strings 8mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polyester - Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVZ0804PP	8	4	850	Black
LVN0804PP	8	4	850	Navy



## Hollex mooring line 3 strings 8mm

With Hollex 3-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVZ0804	8	4	670	Black
LVN0804	8	4	670	Navy
LVZ0806	8	6	670	Black
LVN0806	8	6	670	Navy





## Hollex mooring line 16 strings 10mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polyester - Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1004PP	10	4	1250	Navy
LVZ1004PP	10	4	1250	Black
LVN1006PP	10	6	1250	Navy
LVZ1006PP	10	6	1250	Black
LVWZ1006PP	10	6	1250	White / Black



## Hollex mooring line 3 strings 10mm

With Hollex 3-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1005	10	5	1100	Navy
LVZ1005	10	5	1100	Black
LVZ1006	10	6	1100	Black
LVN1006	10	6	1100	Navy
LVZ1010	10	10	1100	Black
LVN1010	10	10	1100	Navy



## Hollex mooring line 16 strings 10mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Material	Polyester			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1004POLY	10	4	1630	Navy
LVW1004POLY	10	4	1630	White / Black
LVZ1004POLY	10	4	1630	Black
LVN1006POLY	10	6	1630	Navy
LVW1006POLY	10	6	1630	White / Black
LVZ1006POLY	10	6	1630	Black
LVN1010POLY	10	10	1630	Navy
LVW1010POLY	10	10	1630	White / Black
LVZ1010POLY	10	10	1630	Black



## Hollex mooring line 3 strings 12mm

With Hollex 3-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVZ1208	12	8	1200	Black
LVN1208	12	8	1200	Navy
LVN1212	12	12	1200	Navy
LVZ1212	12	12	1200	Black



## Hollex mooring line 16 strings 12mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polyester - Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVZ1204PP	12	4	1500	Black
LVN1204PP	12	4	1500	Navy
LVN1206PP	12	6	1500	Navy
LVZ1206PP	12	6	1500	Black
LVWZ1206PP	12	6	1500	White / Black
LVN1210PP	12	10	1500	Navy
LVZ1210PP	12	10	1500	Black
LVWZ1210PP	12	10	1500	White / Black



## Hollex mooring line 3 strings 14mm

With Hollex 3-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1410	14	10	1400	Navy
LVZ1410	14	10	1400	Black
LVN1414	14	14	1400	Navy
LVZ1414	14	14	1400	Black



## Hollex mooring line 16 strings 12mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Material	Polyester			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1204POLY	12	4	2300	Navy
LVW1204POLY	12	4	2300	White / Black
LVZ1204POLY	12	4	2300	Black
LVN1206POLY	12	6	2300	Navy
LVZ1206POLY	12	6	2300	Black
LVN1210POLY	12	10	2300	Navy
LVW1210POLY	12	10	2300	White / Black
LVZ1210POLY	12	10	2300	Black



## Hollex mooring line 3 strings 16mm

With Hollex 3-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and its ability to maintain both strength and flexibility. However, polyester has the property of sinking in water.

**Polypropylene:** is a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1612	16	12	1700	Navy
LVZ1612	16	12	1700	Black
LVZ1616	16	16	1700	Black
LVN1616	16	16	1700	Navy



## Hollex mooring line 16 strings 14mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polyester - Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1406PP	14	6	2200	Navy
LVZ1406PP	14	6	2200	Black
LVN1410PP	14	10	2200	Navy
LVZ1410PP	14	10	2200	Black
LVWZ1410PP	14	10	2200	White / Black
LVN1415PP	14	15	2200	Navy
LVZ1415PP	14	15	2200	Black
LVWZ1415PP	14	15	2200	White / Black





## Hollex mooring line 16 strings 14mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Material	Polyester			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1406POLY	14	6	2900	Navy
LVW1406POLY	14	6	2900	White / Black
LVZ1406POLY	14	6	2900	Black
LVN1410POLY	14	10	2900	Navy
LVW1410POLY	14	10	2900	White / Black
LVZ1410POLY	14	10	2900	Black
LVN1415POLY	14	15	2900	Navy
LVW1415POLY	14	15	2900	White / Black
LVZ1415POLY	14	15	2900	Black



## Hollex mooring line 16 strings 16mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Brand	Hollex			
Material	Polyester - Polypropylene			
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1615PP	16	15	2800	Navy
LVZ1615PP	16	15	2800	Black
LVWZ1615PP	16	15	2800	White / Black



## Hollex mooring line 16 strings 16mm

With Hollex 16-strings mooring lines, you can rely on the strength and reliability that your boat deserves during docking. Choose the material, length, and thickness that best suits your boat, and enjoy peace of mind knowing that your vessel is securely moored.

What is the difference between Polypropylene and Polyester?

**Polyester:** is known for its abrasion resistance and ability to maintain both strength and flexibility. Polyester, however, has the property of sinking in water.

**Polypropylene:** a cost-efficient option. A notable feature of polypropylene is that this material remains buoyant in water. However, it can produce noise under load.

Material		Polyester		
Item no.	Ø (mm)	Length (m)	Max. load (Kg)	Color
LVN1610POLY	16	10	3500	Navy
LVW1610POLY	16	10	3500	White / Black
LVZ1610POLY	16	10	3500	Black
LVN1615POLY	16	15	3500	Navy
LVW1615POLY	16	15	3500	White / Black
LVZ1615POLY	16	15	3500	Black
LVN1620POLY	16	20	3500	Navy
LVW1620POLY	16	20	3500	White / Black
LVZ1620POLY	16	20	3500	Black



## Hollex mooring springs

The Hollex Mooring Shock Absorber

An essential accessory for boats docking in areas with a lot of swell. This mooring shock absorber is made of durable NR-SBR rubber, which offers excellent damping properties to absorb shocks and tensions when docking your boat.

Material		Polypropylene	
Item no.	Length (mm)	Width (mm)	
LVV2029	420	50	
LVV2030	490	54	
LVV2031	560	75	



## Hollex mooring springs

The Hollex Mooring Shock Absorber

An essential accessory for boats docking in areas with a lot of swell. This mooring shock absorber is made of durable NR-SBR rubber, which offers excellent damping properties to absorb shocks and tensions when docking your boat.

**Material** Polypropylene

Item no.	Length (mm)	Width (mm)
LVV3314	220	40
LVV3315	270	40
LVV3316	330	50

# Exhaust systems





## Hollex Expansion Pieces

These expansion joints are designed to absorb vibrations and expansions in dry exhaust systems. The bellows are entirely made of stainless steel 321 and equipped with steel end fittings.

Material		Stainless steel (AISI 321)			
Item no.	Length (mm)	Lateral movement (mm)	Axial movement (mm)	Connections (mm/inch)	
17061	155	15	25	25 - 1"	
17071	205	20	25	32 - 1 1/4"	
17081	205	24	25	40 - 1 1/2"	
17091	245	29	35	50 - 2"	
17101	245	28	43	65 - 2 1/2"	
17111	245	24	43	80 - 3"	
17121	245	26	57	100 - 4"	
17131	245	21	57	125 - 5"	
17141	245	13	42	150 - 6"	
17151	245	11	48	200 - 8"	
17161	245	8	51	245 - 10"	

## Hollex Expansion Pieces Braided

For exhaust systems where a fixed connection is not possible, this expansion joint can be used. Due to its braided design, this expansion joint can withstand high pressure (up to 64 bar nominal). The expansion joint is nearly non-compressible. The inner hose is made of stainless steel 316, the braiding is made of stainless steel 304, and the end fittings are made of steel.

Material		Stainless steel (AISI 321)		
Item no.	Length (mm)	Lateral movement (mm)	Connections (mm/inch)	
50711	300	32	40 - 1 1/2"	
50712	400	23	50 - 2"	
50703	500	19	65 - 2 1/2"	
50704	500	17	80 - 3"	
50705	500	14	100 - 4"	



## Hollex Welding Bend 90°

Radius 1 1/2 times the diameter D according to DIN 2605, standard 3S.

Material		
Stainless steel (AISI 304)		
Item no.	Ø Connection external (mm)	Material thickness (mm)
560040	40	2
560045	44,5	2
560050	50,8	1.5
560060	60,3	2
560075	76.1	2
560090	88,9	2
560100	101,6	2



## Hollex Transom leadthrough AISI 316

Heavy-duty transom exhaust fittings for wet exhaust systems, made of high-gloss, polished stainless steel 316. The flange already has the necessary mounting holes pre-drilled. Equipped with hose tail.

Material		
Stainless steel (AISI 316) Polished		
Item no.	Description	Ø Connection external (mm)
322040	Hollex transom exhaust polished AISI ø40mm	40
322050	Hollex transom exhaust polished AISI ø50mm	50
322060	Hollex transom exhaust polished AISI ø60mm	60
322075	Hollex transom exhaust polished AISI ø75mm	75
322090	Hollex transom exhaust polished AISI ø90mm	90
322100	Hollex transom exhaust polished AISI ø100mm	100



## Hollex Transom leadthrough AISI 304

Heavy-duty transom exhaust fittings for wet exhaust systems, made of high-gloss, polished stainless steel 304. The flange already has the necessary mounting holes pre-drilled. Equipped with hose tail.

Material		
Stainless steel (AISI 304) Polished		
Item no.	Description	Ø Connection external (mm)
322045.304	Hollex transom exhaust polished AISI304 ø45mm	45





## Hollex Water Separator

Suitable for diesel generators. When using a water separator, the cooling water is separated from the exhaust gases. This allows the exhaust gases to be discharged silently above the waterline, while the cooling water is discharged below the waterline. This separated discharge makes the generator set quieter. This water separator is made of stainless steel 304.

Material		Stainless steel (AISI 304)
Item no.	Ø Connection external (mm)	
322141	40 - 40 - 40	
322151	50 - 40 - 50	



## Hollex Waterlock stainless steel 304

Heavy-duty waterlocks made of stainless steel 304 and designed for wet exhaust systems. Available in vertical and horizontal configurations. The vertical version includes a base plate for easy mounting, while the horizontal version has mounting feet (included in the mentioned height). These waterlocks can also be used with generators and are suitable for both above and below the waterline installations. Both models come with a drain plug. The diameters of the inlet and outlet sides are the same.



Material		Stainless steel (AISI 304)	
Item no.	Ø Connection external (mm)	Type Version	
322620	40	Horizontal	
322631	45	Horizontal	
322621	50	Horizontal	
322622	60	Horizontal	
322627	75	Horizontal	
322623	75	Vertical	
322624	90	Vertical	
322625	100	Vertical	
322626	127	Vertical	





# Fire Safety



## Fire classes.

We offer extinguishers for different fire classes. To determine which fire extinguisher is most suitable for you, it is important to know the difference between the classes. Each fire extinguisher indicates for which fire the extinguishing agent is suitable. Below you will find more information about the fire classes:

**Class A:** Class A is intended for extinguishing solids. Think of wood, paper, furniture or curtains.

**Class B:** For burning liquids, use an extinguishing agent that is suitable for class B. This includes gasoline, acetone or oil.

**Class C:** This extinguishing agent is suitable for gases such as natural gas, LPG or propane.

**Class F:** This is a fire involving fats or oil such as cooking oil or frying fat.

In most cases, you can use a foam extinguisher. Our compact foam extinguishers are suitable for A, B and F fires. You should only use a powder extinguisher for fires with fire class C and a foam extinguisher is not suitable.

## Durable.

In addition to taking your safety seriously, we also think it is important to contribute to the environment. Composite extinguishers are an important step towards sustainability: foam is much less harmful to the environment than the use of powder extinguishers. With the composite foam extinguisher, we have already reduced FPOA (PFAS) by 50% and this is a huge environmental benefit. A major advantage is that the extinguishing capacity does not suffer. NEYFIK® offers the best extinguisher that is also 50% less harmful.

Composite is strong, light, reliable and low maintenance. This combination of properties gives the composite extinguishers a long lifespan: they last no less than 20 years, and an overhaul is only necessary after 10 years! The savings in maintenance and replacement are therefore considerable.

In addition, the extinguisher consists entirely of the strong aramid fiber Kevlar (plastic). So no corrosion can occur inside or outside. The fittings are made of durable brass and stainless steel. Our extinguishers are already recyclable (shell and cap), but we are working hard to develop a 100% biodegradable extinguishing agent.

## Quality marks.

To ensure the safety of the fire extinguishers, they have been extensively tested and inspected.

- The foam meets the DIN EN3 standard, and the extinguisher has been tested by the MPA Dresden (Germany) testing institute. This test has been carried out according to the latest European Standard 2015 (EN 16865: 2015).
- The extinguisher was also approved by MPA Dresden to the standard EN3-7: 2002. This standard is a specification for small disposable aerosol fire extinguishers.
- The KIWA/NCP has issued a national quality mark for sale on the Dutch market. The Universal Car|Boat|Camper extinguishers have been approved by the NCP/KIWA for the Netherlands as an official fire extinguisher.
- The extinguishers are labeled according to the Equipment and Product Safety Act.
- Production of the extinguisher takes place in the most modern factory in the Netherlands according to ISO standards.

## Neyfik Powder extinguishers

Standard EN3-7

Item no.	Description	Fire class
BBP6	NEYFIK powder extinguisher 6kg	A / B / C
P50P2	NEYFIK powder extinguisher 2kg composite	A / B / C
P50P6	NEYFIK powder extinguisher 6kg composite	A / B / C

## Neyfik Foam extinguishers

Item no.	Description	Fire class
BBS2	NEYFIK foam extinguisher 2ltr ECO	A / B
BBS6	NEYFIK foam extinguisher 6ltr fluorine-free	A / B
P50S2	NEYFIK foam extinguisher 2ltr composite	A / B

## Neyfik Spray extinguishers

Item no.	Description	Fire class
NSBA210	NEYFIK spray extinguisher universal	A / B / F
NSBA310	NEYFIK spray extinguisher car/boat/camper	A / B
NSBA410	NEYFIK spray extinguisher prof indoor A/B/F	A / B / F
NSBA510	NEYFIK spray extinguisher prof outdoor A/B	A / B

## Neyfik Fire blanket

Item no.	Material	Length (mm)	Width (mm)
NBD	Fiberglass	1200	1800



## Wall brackets for spray extinguishers

Item no.	Description
NVH	NEYFIK vehicle holder with velcro
NWH	NEYFIK wall holder / wall bracket



## Neyfik Warnblitzer

Item no.	Description
WBA GROEN	NEYFIK warnblitzer battery GREEN
WBA ROOD	NEYFIK warnblitzer battery RED
WBA WIT	NEYFIK warnblitzer battery WHITE



# Ventilation





## Hollex ventilation shell

The ventilation caps can be used with or without flexible hoses. All mentioned products are made of stainless steel.

**Material** Stainless steel (AISI 304)

**Shape** Shell

Item no.	Length (mm)	Width (mm)	Height (mm)
50388	43	42	10.5
50389	58	55	12.8
1020	180	117	40



## Gebo air intake

Provides natural ventilation without motors/fans. Any splashing water always drains back out through the dorade box system. Mounting of the air intake must be on a flat surface with a tolerance of maximum 1 mm.

- Labor-saving clamping system, neat finishing
- Same dimensions and colors as the Gebo portholes
- Easy to clean
- Standard anodized (optionally powder-coated in RAL color)

**Material** Aluminum

**Shape** Rectangular

Item no.	Length (mm)	Width (mm)
81.60.50.00	600	175



## Hollex ventilation shell

The ventilation caps can be used with or without flexible hoses. All mentioned products are made of stainless steel.

**Shape** Shell

Item no.	Length (mm)	Width (mm)	Height (mm)
1032	132	149	143



## Hollex ventilation grill

Plastic ventilation grill.

**Material** Synthetic

**Shape** Square

Item no.	Description
EP-82021B	Hollex ventilation grille plastic black
EP-82021W	Hollex ventilation grille plastic white



## Hollex ventilation grill

**Material** Stainless steel (AISI 304)

**Shape** Round

Item no.	Description	Ø (mm)
50385	Hollex Ventilation grille 100mm	101
50386	Hollex Ventilation grille 128mm	128
50387	Hollex Ventilation grille 128mm lockable	128



## Hollex ventilation grill

The ventilation caps can be used with or without flexible hoses. All mentioned products are made of stainless steel 316. These ventilation caps can be mounted without fasteners.

**Material** Stainless steel PVC

**Shape** Round

Item no.	Description	Height (mm)	Ø (mm)
81932SS-HP	Hollex Ventilation grille AISI316 3"	32	76
81933SS-HP	Hollex Ventilation grille AISI316 4"	32	101



## Hollex ventilation mushroom

Particularly firmly ventilated stainless steel 304 stainless steel cap and waterproof sealable from the inside using a brass spindle. Available in three versions and equipped with a stainless steel mosquito net and a plastic finish.

**Material** Stainless steel (AISI 304)

**Shape** Round

Item no.	Description	Height (mm)	Hole size Ø (mm)	Ø (mm)
1016	Hollex Mushroom fan AISI 115mm	28	4.5	115
1017	Hollex Mushroom fan AISI 150mm	30	4.5	150
1018	Hollex Mushroom fan AISI 175mm	42	4.5	175



## Hollex ventilation grill

The ventilation caps can be used with or without flexible hoses. All mentioned products are made of stainless steel.

**Material** Stainless steel (AISI 316)

**Shape** Round

Item no.	Description	Hole size Ø (mm)	Ø (mm)
1026	Hollex Deck fan AISI 185mm	4.5	185
1027	Hollex Deck fan AISI 240mm	4.5	240





## Hollex Air hose

**Material**

**Synthetic**

Item no.	Description
1019	Hollex blower hose internal $\varnothing$ 76mm L=6mtr
1021	Hollex blower hose internal $\varnothing$ 102mm L=6mtr



## Hella Turbo Fan

Item no.	Description
8EV003 361-002	Hella turbo blower 12V black
8EV003 361-022	Hella turbo blower 12V white



# Lighting



# take us on your next adventure

At Hella marine, we strive to be the beacon of innovation and reliability in the marine lighting industry, setting new standard for performance, safety, and environmental responsibility.

Guided by our unwavering commitment to excellence, we aim to be the first choice of boat builders, marine enthusiasts, and commercial operators worldwide. Through cutting-edge technology, we illuminate the seas with energy-efficient, durable, and easthetically pleasing lighting solutions that enhance safety and optimize your marine experience.





# APELO

Underwater Lighting Brilliance





## Hollex Reading Lamp MaxiFlex

Hollex LED Leeslamp Maxiflex

Modern reading lamps featuring a high-power LED, equipped with a switch. Available in 3 versions. C.C.T. Adjustable 3000K/4000K/6000K.

<b>Arm length (mm)</b>	<b>300</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Operating Voltage VDC Range</b>	<b>10 - 30</b>
<b>Built-in / surface-mounted</b>	<b>Surface-mounted</b>
<b>Protection class (IP)</b>	<b>IP20</b>
<b>Power in watts</b>	<b>2</b>
<b>Light intensity (lm)</b>	<b>160</b>

Item no.	Description
010206	Maxiflex black Warm white, 3 colors Dimmable
010207	Maxiflex Chrome Warm white, 3 colors Dimmable
010208	Maxiflex nickel Warm white, 3 colors Dimmable

## Hella Reading Lamp

These Hella chart reading lamps feature an integrated switch. By completely closing the light opening, you can turn off the lamp. An ideal lamp for use in the wheelhouse. A flexible chart reading lamp that you can bend into any desired position. The lamp has a very high light intensity and comes with bulbs included.

**Built-in / surface-mounted**                      **Surface-mounted**

Item no.	Description
2AB004 532-102	Hella Reading light 12V black
0146	Hella reading light 270mm 12V
0145	Hella reading light 600mm 12V
0148	Hella reading light 600mm 24V

## Hollex Reading Lamp MiniFlex

Hollex LED Reading Lamp Miniflex

Modern reading lamps featuring a high-power LED, equipped with a switch. Available in 3 versions. C.C.T. Adjustable 3000K/4000K/6000K.

<b>Arm length (mm)</b>	<b>150</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Operating Voltage VDC Range</b>	<b>10 - 30</b>
<b>Built-in / surface-mounted</b>	<b>Surface-mounted</b>
<b>Protection class (IP)</b>	<b>IP20</b>

Item no.	Description
010203	Miniflex black Warm white, 3 colors Dimmable
010204	Miniflex Chrome Warm white, 3 colors Dimmable
010205	Miniflex nickel Warm white, 3 colors Dimmable



## Hella Reading Lamp

These Hella LED Flexispot chart reading lamps combine high light output with low energy consumption. A significant advantage of these lamps is their minimal heat emission. The lamp is highly shock-resistant and boasts a long lifespan. The chart reading lamps are multivolt, making them suitable for voltages between 9 and 31 volts. The LED Flexispot chart reading lamps are available in two lengths: 150 mm and 400 mm. The on/off switch is conveniently integrated into the lamp head. The Flexispot is available with white light (4000K) and red light options. Red light is ideal for "night running" situations, as it ensures that important instruments or navigation charts remain easily readable, while visibility outside remains unaffected. When using white light, the eyes may need more time to adjust when looking outside in the dark. The Flexispot features a black housing and comes with a 120 mm cable included.

<b>Voltage (V)</b>	<b>12 24</b>
<b>Operating Voltage VDC Range</b>	<b>9-31</b>
<b>Built-in / surface-mounted</b>	<b>Surface-mounted</b>
<b>Protection class (IP)</b>	<b>IP53</b>
<b>Power in watts</b>	<b>2</b>

Item no.	Description
2JA343 720-152	Hella flexispot reading light LED 400mm black/red
2JA343 720-522	Hella flexispot reading light LED 150mm red/white
2JA343 720-622	Hella flexispot reading light LED 400mm red/white
2JA346 720-121	Hella flexispot reading light LED 400mm black/LED white



## Hollex Reading Lamp Mini Spot

Hollex LED Reading Lamp minispot

Modern reading lamps featuring a high-power LED, equipped with a switch. Available in 3 versions. C.C.T. Adjustable 3000K/4000K/6000K.

<b>Arm length (mm)</b>	<b>35</b>
<b>Voltage (V)</b>	<b>12 24</b>
<b>Operating Voltage VDC Range</b>	<b>10 - 30</b>
<b>Built-in / surface-mounted</b>	<b>Surface-mounted</b>
<b>Protection class (IP)</b>	<b>IP20</b>

Item no.	Description
010200	Mini spot black Warm white, 3 colors Dimmable
010201	Mini spot Chrome Warm white, 3 colors Dimmable
010202	Mini spot nickel Warm white, 3 colors Dimmable



## Hella roof light

<b>Shape</b>	<b>Rectangular</b>
--------------	--------------------

Item no.



## Hella LED Fixture

This LED light is only 35 mm high, making it ideal for low (machine) spaces. The lamp has a built-in on/off switch. The lens and frame are made of sturdy and impact-resistant material. Maximum consumption (with 12 LEDs): 0.30A Maximum consumption (with 24 LEDs): 0.58A.

Shape		Rectangular
Item no.	Description	
2JA007 373-151	Hella LED (12) light bar 10-30V white	
2JA007 373-161	Hella LED (24) light bar 10-30V white	

## Hella Surface Strip

This new model LED strip from Hella is completely waterproof (IP67), available in a version with or without a switch. It is also available in a version switchable from warm white to red or blue. This lighting can be dimmed using the Hella dimmer or the Hollex Dimperfect.

Shape		Rectangular
Item no.	Description	
2JA958 121-101	Hella surface strip light warm white/red 12V switch	
2JA958 121-111	Hella surface strip light warm white/blue 12V switch	
2JA958 121-501	Hella surface strip light warm white/red 24V switch	
2JA958 121-511	Hella surface strip light warm white/blue 24V switch	
2JA958 123-101	Hella surface strip light warm white 12Vdc switch	
2JA958 123-501	Hella surface strip light warm white 24Vdc switch	
2JA958 124-101	Hella surface strip light warm white 12Vdc	
2JA958 124-501	Hella surface strip light warm white 24Vdc	

## Hella DuraLED 12

This DuraLED lighting is designed as work Light, robustly constructed with white light (5000K). All variants are multivolt and equipped with reverse polarity protection. Naturally, they are certified to ISO 8846 - Ignition Protection standards.

Shape		Oval
Item no.	Description	
2JA959 700-101	Hella DuraLED 12 white housing white 9-33V	
2JA959 700-121	Hella DuraLED 12 white housing black 9-33V	

## Hella EuroLED Interior Lamp

Shape

Round

Item no.	Description
2JA959 820-511	Interior light EuroLed 9-33V black
2JA959 820-521	Interior light EuroLed 9-33V white



## Hella EuroLED 130

Shape

Round

Item no.	Description
2JA959 950-111	Hella EuroLED 130 Touch black cabine light white/red
2JA959 950-121	Hella EuroLED Touch white cabine light white/red dimmable
2JA959 950-521	Hella EuroLed Touch cabin light white on/off



## Hella Euroled Spacer Ring

Shape

Round

Item no.	Description
8HG959 952-012	Hella Euroled spacer ring white



## Hella LED surface-mounted lamp

This LED lighting is suitable for both indoor and outdoor use. The lamps can be effectively used for illuminating stairs or as emergency lighting. Model 9560 is applicable as surface-mounted lighting for emergency lighting, stair illumination, and storage areas. The lighting is waterproof according to IP6K6 / IP6K7 standards (DIN 40050). The models come pre-wired and are supplied with marine cable: 500 mm.

Shape

Drop

Item no.	Description
010101	Hella LED surface-mount light 12/24V white
010102	Hella LED surface-mount light 12/24V red





## Hella DuraLED

This DuraLED lighting is designed as work lighting, robustly constructed with white light (5000K). All variants are multivolt. Naturally, they are certified to ISO 8846 - Ignition Protection standards. IP67

Shape	Rectangular
Item no.	Description
2JA980 608-001	Hella DuraLED 20 white spread 9-33V
2JA959 037-521	Hella DuraLED 36 white spread 9-33V
2JA980 629-001	Hella DuraLED 50 white spread 9-33V
2JA980 629-501	Hella DuraLED 50 white widespread 9-33V

## Hella LED Strip Lamp Walheke

This DuraLED lighting is designed as work lighting, robustly constructed with white light (5000K). All variants are multivolt and equipped with reverse polarity protection. Naturally, they are certified to ISO 8846 - Ignition Protection standards.

Shape	Rectangular
Item no.	

## Hella LED Strip Lamp

This LED lighting is suitable for both indoor and outdoor use. The lamps can be effectively used for illuminating stairs or as emergency lighting. All models come pre-wired and are supplied with marine cable: 0.5m for the surface-mounted lamp strips and 2.5m for the recessed strip. Maximum power consumption for type 9073: 2W.

Shape	Rectangular
Item no.	Description
2JA980 881-012	Hella LED strip light 12V white
2JA980 881-112	Hella LED strip light 24V white
2JA980 881-212	Hella LED strip light 12V warm white
2JA980 881-312	Hella LED strip light 24V warm white
2JA980 881-402	Hella LED strip light 12V blue
2JA980 881-502	Hella LED strip light 24V blue



## Hollex LED Bar

A simple warm white lighting solution. This lamp is ideal for, for example, engine room lighting. To connect it, you'll need a cable with a 3.5mm female connector.

Item no.	Description
0100.11053	Hollex LED bar aluminium 10-30V 2,9W warm white L=300mm
0100.11056	Hollex LED bar aluminium 10-30V 5W warm white L=500mm
0100.11059	Hollex LED bar aluminium 10-30V 8,4W warm white L=800mm
0100.11073	Hollex LED bar dim 4x alum 10-30V 2,9W warm white L=300mm
0100.11076	Hollex LED bar dim 4x alum, 10-30V 5W warm white L=500mm



## Hollex LED Panel

Shape	Rectangular
Item no.	Description
010170	12V 8W White 300x76mm Warm white
010171	12V 8W White 300x76mm Warm white dimmable
010172	12V 11W White 530x76mm Warm white
010173	24V 15W White 570x76mm Warm white
010180	12V 8W Silver 300x76mm Warm white
010181	12V 8W Silver 300x76mm Warm white dimmable
010182	12V 11W Silver 530x76mm Warm white
010183	24V 15W Silver 570x76mm Warm white
010190	12V Silver aluminum 100x100mm Warm white
010191	12V Silver aluminum 200x100mm Warm white
010192	12V White aluminum 100x100mm Warm white
010198	12V 2.5W Silver 115x77mm Warm white dimmable





## Hollex LED Downlight Spot

With this range of LED surface-mounted ceiling lights available in various models, it is now possible to incorporate LED lighting into every price range in yacht construction. This series is also recommended for refit projects. All of these lamps are highly dimmable with our new DIMPERFECT LED dimmer, making them suitable for use in a 24V system as well. The LED color is warm white.

Item no.	Description
0100.11153	Hollex LED spot metal 10-30V 2,8W ø68mm
0100.11163	Hollex LED spot metal 12-24V 2,8W ø68mm warm white



## Hollex Ceiling Lamp

The Hollex ceiling light is a surface-mounted fixture made of high-quality brass, specifically designed for maritime environments. Equipped with an energy-efficient 12V warm white LED light source, it provides bright and uniform illumination on board boats. Its reliability, durability, and elegant design make it ideal for illuminating various spaces on board, combining functionality and style.

Shape	Round
Item no.	Description
010154	Hollex ceiling light surface-mounted brass 12V 76mm warm white LED
010155	Hollex ceiling light surface mounting brass 12V 102mm warm white LED
010156	Hollex ceiling light surface mounting brass 12V 127mm warm white LED
010157	Hollex ceilinglight surface-mounted AISI304 12V 76mm ww
010158	Hollex ceiling light surface-mounted AISI304 12V 102mm ww LED
010159	Hollex ceiling light surface-mounted AISI304 12V 127mm ww LED



## Hollex LED Panel Rectangle

Hollex LED panel modules are the perfect choice for interior lighting, cabinet lighting, engine room lighting, kitchen lighting, mosaic design, etc.

- Only 5mm thin design, easy to integrate
- Warm white, high luminous efficacy, 50 lm/W
- Excellent light distribution
- Simple installation, Plug-and-play
- OLED appearance and better priced
- Longer lifespan and more reliable than OLED

Currently, there are 5 shapes available: Square, Rectangle (2 sizes), Triangle, and Quarter Circle, including mounting and finishing materials.

Shape	Rectangular
Item no.	Description
010162	Hollex LED panel 12V square 100x100mm warm white
010163	Hollex LED panel 12V rectangle 200x100mm warm white



### Hella Courtesy Light SLimLine

Shape	Round
Item no.	Description
2XT980 500-021	Hella spot SlimLine Round LED 12V white/chrome
2XT980 500-041	Hella spot SlimLine Round LED 12V white/white
2XT980 501-021	Hella spot SlimLine Round LED 24V white/chrome
2XT980 501-041	Hella spot SlimLine Round LED 24V white/white
2XT980 501-051	Hella spot SlimLine Round LED 24V white/black



### Hella Recessed Courtesy Light

Voltage (V)	12 24
Shape	Rectangular
Power in watts	0.5
Item no.	Description
2XT959 680-611	Hella Step lamps ss LED blue Multivolt
2XT959 680-711	Hella Step lamps ss LED red Multivolt
2XT959 680-851	Hella LED recessed light Multivolt white/matt AISI



### Hella Courtesy Light SLimLine

Shape	Round
Item no.	Description
010122	Hella LED built-in light white 12V chrome ring
2XT980 500-521	Led-HI Light white 12V ring AISI
2XT980 500-721	Led-HI Light warm white 12V ring AISI
2XT980 501-521	Led-HI Light white 24V ring AISI
2XT980 501-721	Led-HI Light warm white 24V ring AISI



### Hella Recessed Courtesy Light

Voltage (V)	12 24
Shape	Rectangular
Power in watts	0.5
Item no.	Description
010126	Led Stairlight white 10-33 V chrome
010127	Led Stairlight red 10-33 V chrome
010128	Led Stairlight blue 10-33 V chrome
010129	Led Stairlight 10-33V warm white/chrome





### Hella Cover cap

Item no.	Description
9AB959 505-502	Hella cover AISI316
9AR959 685-061	Hella cover AISI316 satin
9AR998 019-001	Hella cover AISI316 polished



### Hella Courtesy Light SlimLine

**Voltage (V)** 12  
**Shape** Round

Item no.	Description
2XT980 507-251	Hella spot SlimLine Round LED 12V red/black



### Hella Courtesy Light SlimLine

**Voltage (V)** 24  
**Shape** Round

Item no.	Description
2XT980 502-221	Hella spot SlimLine Round LED 12V blue/chrome
2XT980 502-241	Hella spot SlimLine Round LED 12V blue/white
2XT980 502-251	Hella spot SlimLine Round LED 12V blue/black
2XT980 503-221	Hella spot SlimLine Round LED 24V blue/chrome
2XT980 503-241	Hella spot SlimLine Round LED 24V blue/white
2XT980 503-251	Hella spot SlimLine Round LED 24V blue/black



## Hella EuroLED 75 Recessed spotlight

Shape	Round
Item no.	Description
2JA958 109-011	Hella Euroled 75 recessed spot 12V IP67 white plastic
2JA958 109-021	Hella Euroled 75 recessed spot 12V IP67 AISI316
2JA958 109-111	Hella Euroled 75 recessed spot 24V IP67 white plastic
2JA958 109-121	Hella Euroled 75 recessed spot 24V IP67 AISI316
2JA958 109-511	Hella Euroled 75 recessed spot 12V IP67 white plastic
2JA958 109-521	Hella Euroled 75 recessed spot 12V IP67 AISI316
2JA958 109-611	Hella Euroled 75 recessed spot 24V IP67 white plastic
2JA958 109-621	Hella Euroled 75 recessed spot 24V IP67 AISI316



## Hella EuroLED 150

<b>Voltage (V)</b>	<b>12 24</b>
<b>Shape</b>	<b>Round</b>
<b>Built-in diameter (mm)</b>	<b>124</b>
<b>Product diameter (mm)</b>	<b>150</b>
<b>Power in watts</b>	<b>4</b>
Item no.	Description
2JA980 630-101	Hella Euroled 150 warm white/red white 9-33V
2JA980 630-111	Hella Euroled 150 warm white/red polished AISI 9-33V



## Hella LED Courtesy Light

<b>Voltage (V)</b>	<b>12 24</b>
<b>Shape</b>	<b>Drop</b>
<b>Power in watts</b>	<b>0.5</b>
Item no.	Description
010124	Hella LED Stairlight 12/24V white/chrome
010125	Hella LED Stairlight 12/24V white/white
010130	Hella LED Stairlight 12/24V warm white/chrome
010134	Led Stairlight 12/24V blue/chrome
2JA958 126-431	Hella LED step light 12/24V warm white/polished AISI



## Hella LED recessed lamp

Shape **Rectangular**

Item no.	Description
010109	Led Light white Multivolt
010110	Led Light warm white Multivolt
2XT959 510-701	Hella LED built-in light red 12V white lens

## Hella LED recessed lamp

Shape **Rectangular**

Item no.	Description
010106	Hella LED built-in light 24V white

## Hollex Courtesy Light

Voltage (V) **12**

Item no.	Description
010145	Hollex LED step light 12V warm white
010146	Hollex LED step light 12V blue

## Hollex Mika spotlight

Voltage (V) **12 24**

Item no.	Description
0100.13703	Hollex LED spot MIKA 3W 10-30V AISI Polished
0100.13713	Hollex LED spot MIKA 3W 10-30V Brushed
0100.13723	Hollex LED spot 3W 10-30V chrome
0100.13813	Hollex LED spot MIKA 3W 10-30V nickel tiltable
0100.13823	Hollex LED spot MIKA 3W 10-30V chrome tiltable

## Hollex Courtesy Light Round/Square

Item no.	Description
010140	Hollex LED step light 12V warm white with finisher ring
010141	Hollex LED step light 12V blue with finisher ring
010142	Hollex LED step light 12V red with finisher ring
1010148	Hollex LED steplight Square 10-30V double
1010149	Hollex LED step light round 10-30V double
1010150	Hollex LED step light round 10-30V single bottom
1010151	Hollex LED steplight Square 10-30V single bottom
1010152	Hollex LED steplight Square 12V single middle
1010153	Hollex LED step light round 12V round shining



## Hollex Lantern Adjustable

Height-adjustable navigation lantern that's perfect for boats. This lantern allows you to adjust the height through a simple angle adjustment, making it suitable for various situations.

This lantern is designed with durability and versatility in mind, ensuring you remain highly visible on the water.

**Voltage (V)** 12

Item no.	Description
TG-02022	Hollex Lantern adjustable in height up to 24 cm
TG-02023	Hollex Lantern adjustable in height up to 64 cm



## Hollex Lantern Fixed

The combination lights combine a masthead light with port and starboard lights. They are suitable for 12V onboard voltage.

**Voltage (V)** 12

Item no.	Description
TG-02018	Hollex Lantern with navigation lighting 12V white
TG-02019	Hollex Lantern with navigation lighting 12V black



## Hollex Top Light 360°

**Voltage (V)** 12

Item no.	Description
H-2160SS	Hollex top light LED 60cm 360° extendable with base





## Hollex Anchor Light

The anchor lights are position lights with a polycarbonate housing and a 12V lamp.

**Protection class (IP)**

**IP54**

**Voltage (V)**

**12**

Item no.	Description
0818	Hollex anchor light white
0819	Hollex anchor light black

## Hella Navigation Lights

Matte black lamp housing made of seawater-resistant, non-magnetic material. Designed for vertical mounting. Glass cover with bayonet closure. These lanterns ensure uniform light output in all directions and are used, among other places, on fishing vessels and sailing ships. Approved for all vessels up to 20 meters in length. Supplied with a 12-volt long-life lamp BAY15d. Please note: the height of the three-color lantern with anchor light differs from the dimensions indicated in the drawing.

**Protection class (IP)**

**IP55**

**Voltage (V)**

**12**

Item no.	Description
0801	Hella tricolour light with anchor light
0802	Hella tricolour light
0803	Hella Signal light black
0804	Hella Signal light red
0805	Hella Signal light green
0810	Hella bi-colour light black
0811	Hella bi-colour light white
0813	Hella Signal light white
0851.01	Hella starboard light black
0851.02	Hella port light black
0853	Hella masthead light black
0854	Hella stern light black
0861.01	Hella starboard light white
0861.02	Hella port light white
0863	Hella masthead light white
0864	Hella stern light white



## Hella Navigation Lights

Matte black or white lamp housing made of seawater-resistant, non-magnetic material. Designed for direct wall mounting. Approved for pleasure boats on inland waters up to 7 meters in length. Supplied with a 12-volt tubular lamp SV8.5. Waterproof rating: IP54.

<b>Protection class (IP)</b>	<b>IP54</b>
<b>Voltage (V)</b>	<b>12</b>

Item no.	Description
0841.01	Hella starboard light small black
0841.02	Hella port light small black
0843	Hella masthead light small black
0844	Hella stern light black
0845	Hella bi-colour light black
0871.02	Hella port light small white
0875	Hella bi-colour light white



## Hella NaviLed Pro Port

The NaviLed Pro is characterized by an extremely long lifespan with very low power consumption. Once installed, you don't need to perform any maintenance on the LED lamps. The lamp is sealed in a seawater-resistant unit, pre-wired, and equipped with a 2.5-meter cable. NaviLed Pro is shock and vibration resistant, even under extreme conditions. With the NaviLed Pro, you have visibility of up to two or three nautical miles.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
2LT959 900-001	Hella NaviLed Pro portlight black 2NM
2LT959 900-011	Hella NaviLed Pro portlight white 2NM
2LT959 900-201	Hella NaviLed Pro portlight black 3NM
2LT959 900-211	Hella NaviLed Pro portlight white 3NM
2LT959 900-501	Hella NaviLed Pro portlight black 2NM
2LT959 900-511	Hella NaviLed Pro portlight white 2NM
2LT959 900-601	Hella NaviLed Pro HD Portlight black 2NM
2LT959 900-611	Hella NaviLed Pro HD Portlight white 2NM





## Hella NaviLed Pro Starboard

The NaviLed Pro BSH has all the features of the NaviLed Pro but comes with BSH approval, allowing it to be used in Germany as well. Once installed, you don't need to perform any maintenance on the LED lamps. The lamp is sealed in a seawater-resistant unit, pre-wired, and equipped with a 2.5-meter cable. NaviLed Pro BSH is shock and vibration resistant, even under extreme conditions. With the NaviLed Pro BSH, you are visible for up to two, three, or five nautical miles.

**Protection class (IP)**

**IP67**

**Voltage (V)**

**12 24**

Item no.	Description
2LT959 908-001	Hella NaviLed Pro starboard light black 2NM
2LT959 908-011	Hella NaviLed Pro starboard light white 2NM
2LT959 908-201	Hella NaviLed Pro starboard light black 3NM
2LT959 908-211	Hella NaviLed Pro starboard light white 3NM
2LT959 908-501	Hella NaviLed Pro starboard light black 2NM BSH
2LT959 908-511	Hella NaviLed Pro starboard light white 2NM BSH
2LT959 908-601	Hella NaviLed Pro HD Starboard light black 2NM
2LT959 908-611	Hella NaviLed Pro HD Starboard light white 2NM



## Hella NaviLed Pro stern light

The NaviLed Pro is characterized by an extremely long lifespan with very low power consumption. Once installed, you don't need to perform any maintenance on the LED lamps. The lamp is sealed in a seawater-resistant unit, pre-wired, and equipped with a 2.5-meter cable. NaviLed Pro is shock and vibration resistant, even under extreme conditions. With the NaviLed Pro, you have visibility for up to two or three nautical miles.

**Protection class (IP)**

**IP67**

**Voltage (V)**

**12 24**

Item no.	Description
2LT959 909-001	Hella NaviLed Pro stern light black 2NM
2LT959 909-011	Hella NaviLed Pro stern light white 2NM
2LT959 909-201	Hella NaviLed Pro stern light black 3NM
2LT959 909-211	Hella NaviLed Pro stern light white 3NM
2LT959 909-501	Hella NaviLed Pro stern light black 2NM BSH
2LT959 909-511	Hella NaviLed Pro stern light white 2NM BSH
2LT959 909-601	Hella NaviLed Pro HD stern light black 2NM
2LT959 909-611	Hella NaviLed Pro HD stern light white 2NM

## Hella Naviled 360

The Naviled 360 anchor lights are energy-efficient and reliable. With less than 2 watts consumption, they produce a white light beam visible for at least 2 nautical miles. Thanks to the use of high-quality materials, these lights are maintenance-free and have a long lifespan. The Naviled 360 lights are shock and vibration resistant and completely sealed in waterproof and corrosion-resistant units. They are available with a fixed mount or a plug-in mount. With the plug-in mount, a rubber flap covers the mounting hole when the anchor light is removed. Both mounts come with stainless steel screws for installation.

**Protection class (IP)** IP67  
**Voltage (V)** 12 24

Item no.	Description
2LT959 910-551	Hella Naviled 360° with plug-in white 1070mm



## Hella Naviled Pro Top Light

The Naviled Pro is characterized by an extremely long lifespan with very low power consumption. Once installed, you don't need to perform maintenance on the LED lamps. The lamp is sealed in a seawater-resistant unit, pre-wired, and equipped with a 2.5-meter cable. Naviled Pro is shock and vibration resistant, even under extreme conditions. With the Naviled Pro, you have visibility of up to two or three nautical miles.

**Protection class (IP)** IP67  
**Voltage (V)** 12 24

Item no.	Description
2LT959 940-201	Hella Naviled Pro masthead light black 3NM
2LT959 940-211	Hella Naviled Pro masthead light white 3NM
2LT959 940-401	Hella Stern light Naviled Pro HD black 5NM (BSH)
2LT959 940-411	Hella Stern light Naviled Pro HD white 5NM (BSH)
2LT959 940-601	Hella Stern light Naviled Pro HD black 3NM (BSH)
2LT959 940-611	Masthead Light Naviled Pro HD white 3NM



## Hella Naviled Pro HD Two-tone

The Naviled Pro BSH has all the features of the Naviled Pro but comes with BSH approval, allowing it to be used in Germany as well. Once installed, you don't need to perform maintenance on the LED lamps. The lamp is sealed in a seawater-resistant unit, pre-wired, and equipped with a 2.5-meter cable. Naviled Pro BSH is shock and vibration resistant, even under extreme conditions. With the Naviled Pro BSH, you are visible for up to two, three, or five nautical miles.

**Protection class (IP)** IP67  
**Voltage (V)** 12 24

Item no.	Description
2LT959 941-001	Hella Naviled Pro HD Bi-Colour black 2NM (BSH)
2LT959 941-011	Hella Naviled Pro HD Bi-Colour white 2NM (BSH)





## Hella NaviLED Compact

The shock-resistant housing gives the lighting a sleek appearance, making the NaviLED Compact suitable for both classic and modern boats. The lamps are multivolt, ensuring optimal performance between 8 and 28 volts. Of course, the lamp is fully sealed to prevent moisture ingress. Low power consumption (less than 2 watts) and long life are characteristic of all LED lighting. The NaviLED Compact is available with clear or colored glass. The lamp comes with a 120mm marine cable and an easy mounting system.

**Protection class (IP)**

**IP67**

**Voltage (V)**

**12 24**

Item no.	Description
2LT980 520-001	Hella NaviLED Compact port light black/colour 8-28V
2LT980 520-811	Hella NaviLED Compact starboard light/port light white/color
2LT980 520-801	Hella NaviLED Compact starboard light/port light black/clear
2LT980 520-611	Hella NaviLED towing light 2NM white 9-33V
2LT980 520-601	Hella NaviLED towing light 2NM black 9-33V
2LT980 520-541	Hella NaviLED Compact heklicht BSH wit/kleur 8-28V
2LT980 520-531	Hella NaviLED Compact heklicht BSH zwart/kleur 8-28V
2LT980 520-511	Hella NaviLED Compact stern light white 8-28V
2LT980 520-501	Hella NaviLED Compact stern light black 8-28V
2LT980 520-311	Hella NaviLED Compact starboard light white/clear 8-28V
2LT980 520-301	Hella NaviLED Compact starboard light black/clear 8-28V
2LT980 520-291	Hella NaviLED Pro starboard light BSH white/colour 8-28V
2LT980 520-281	Hella NaviLED Pro starboard light BSH black/colour 8-28V
2LT980 520-211	Hella NaviLED Compact starboard light white/colour 8-28V
2LT980 520-201	Hella NaviLED Compact starboard light black/colour 8-28V
2LT980 520-111	Hella NaviLED Compact port light white/clear 8-28V
2LT980 520-101	Hella NaviLED Compact port light black/clear 8-28V
2LT980 520-091	Hella NaviLED Pro Port BSH white/colour 8-28V
2LT980 520-081	Hella NaviLED Pro Port BSH black/colour 8-28V
2LT980 520-011	Hella NaviLED Compact port light white/colour 8-28V
2LT980 520-901	Hella NaviLED Compact starboard light/port light black/clear
2LT980 520-911	Hella NaviLED Compact starboard light/port light white/clear

## Hella Naviled Compact Set

The shock-resistant housing gives the lighting a sleek appearance, making the Naviled Compact suitable for both classic and modern boats. The lamps are multivolt, ensuring optimal performance between 8 and 28 volts. Of course, the lamp is fully sealed to prevent moisture ingress. Low power consumption (less than 2 watts) and long life are characteristic of all LED lighting. The Naviled Compact is available with clear or colored glass. The lamp comes with a 120mm marine cable and an easy mounting system.



**Protection class (IP)** IP67  
**Voltage (V)** 12 24

Item no.	Description
2LT980 620-811	Hella Naviled Compact lantern set starboard light/port 8-28V

## Hella Naviled Pro Tricolor + Anchor Light

This new tricolor lamp with anchor light is made of high-quality materials and equipped with state-of-the-art LED technology. The lamp features an advanced heavy-duty lens and a robust, UV- and shock-resistant housing. It is completely sealed to prevent seawater ingress. The energy-efficient LEDs for port, starboard, and stern lights together consume less than 3.5 watts; the anchor light consumes less than 1.5 watts. The multivolt lamp ensures consistent, safe lighting with a voltage between 8 and 28 volts. The stainless steel 316 mounting tube ensures reliable, easy installation and provides good protection for the electrical connections. Pre-wired with 400mm marine cable.



**Protection class (IP)** IP67  
**Voltage (V)** 12 24

Item no.	Description
2LT980 650-001	Hella Naviled Pro Tricolour + anchor 2NM

## Hella Naviled

The Naviled 360 anchor lights are energy-efficient and reliable. With less than 2 watts of consumption, they produce a white light beam visible for a minimum of 2 nautical miles. Made of high-quality materials, these lights are maintenance-free and have a long lifespan. The Naviled 360 lights are shock- and vibration-resistant and completely sealed in waterproof and corrosion-resistant units. They are available with either a fixed mount or a plug-in mount. With the plug-in mount, a rubber flap covers the mounting hole when the anchor light is removed. Both mounts come with stainless steel screws for installation.



**Protection class (IP)** IP67  
**Voltage (V)** 12 24

Item no.	Description
2LT980 910-121	Hella Naviled Pro Circular 360° white 12/24V 2nm black housing
2LT980 910-131	Hella Naviled Pro Circular 360° white 12/24V 2nm white housing
2LT980 910-321	Hella Naviled Pro Circular 360° green 12/24V 2nm black housing
2LT980 910-331	Hella Naviled Pro Circular 360° green 12/24V 2nm white housing
2LT980 910-521	Hella Naviled Pro Circular 360° red 12/24V 2nm black housing
2LT980 910-531	Hella Naviled Pro Circular 360° red 12/24V 2nm white housing



## Naviled 360

The Hella marine Naviled 360 navigation lighting utilizes efficient LED precision optics. The Naviled 360 is compact and highly visible from all angles. It features advanced multivolt electronics. The redesigned Naviled 360 Compact series is mounted on a bracket and available in fixed, fold-down, and plug-in versions. The Naviled 360 Compact series is designed for the maritime environment. Despite consuming less than 1 watt, the lamp is suitable for visibility up to 2 nautical miles. The lamps are completely sealed (IP67) and made of Swiss Grilamid with excellent properties. They are UV-resistant and do not discolor. They meet COLREG, USCG, ABYC-16, RCD, and WHEELMARK requirements.

<b>Protection class (IP)</b>	<b>IP67</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
2LT980 960-001	Hella Naviled All Round black 9-33V
2LT980 960-011	Hella Naviled All Round white 9-33V
2LT980 960-201	Hella Naviled anchor light 2NM 360° fixed 167mm black 9-33V
2LT980 960-211	Hella Naviled anchor light 2NM 360° fixed 167mm white 9-33V
2LT980 960-301	Hella Naviled anchor light 2NM 360° foldable 315mm black 9-33V
2LT980 960-311	Hella Naviled anchor light 2NM 360° foldable 315mm white 9-33V
2LT980 960-341	Hella Naviled anchor light 2NM 360° foldable 605mm black 9-33V

## Hella Stern light

<b>Protection class (IP)</b>	<b>IP6X</b>
<b>Voltage (V)</b>	<b>12</b>

Item no.	Description
2LT995 004-001	Hella stern lamp 2010 black



## Hella Port Light

<b>Protection class (IP)</b>	<b>IP54</b>
<b>Voltage (V)</b>	<b>12</b>

Item no.	Description
2LT995 005-001	Hella port light 12V model 2010 black



## Hella Power/Deck Light

**Protection class (IP)** IPX4

**Voltage (V)** 12

Item no.	Description
2LT998 504-001	Hella masthead/floodlight 8504 black 12V
2LT998 504-011	Hella masthead/floodlight 8504 white 12V
2LT998 505-001	Hella masthead/floodlight 8505 black 12V



## Hollex GEMINI LED Top Light

The LED Masthead Light waterproof according to IP67 standards.

**Protection class (IP)** IP67

**Voltage (V)** 12 24

Item no.	Description
TG-02024	Hollex GEMINI LED retractable 600mm 360°
TG-02025	Hollex GEMINI LED retractable 1000mm 360°
TG-02026	Hollex Gemini LED detachable 600mm 360°
TG-02027	Hollex Gemini LED detachable 1000mm 360°
TG-02029	Hollex Gemini LED top out 110mm 360°



## Hollex Navigation lights

The navigation lights feature a polycarbonate housing with a 12V lamp. They measure 58mm x 73mm and come with a matte black or white lamp housing made of seawater-resistant, non-magnetic material. These lights are designed for direct wall mounting and are approved for use on sports boats on inland waters up to 7 meters in length. They come with a 12 Volt SV8.5 bulb and have a waterproof rating of IP54.

**Protection class (IP)** IP54

**Voltage (V)** 12

Item no.	Description
TG-02005	Hollex navigation light 12V white / glass clear
TG-02006	Hollex navigation light 12V white / glass clear
TG-02007	Hollex navigation light 12V white / glass red-green
TG-02011	Hollex navigation light 12V black/glass clear





## Hella Mega Beam Work Light

In this specially developed Megabeam for the maritime sector, four LED lamps deliver an enormous beam of light comparable to that of a construction or work lamp. And all this with low power consumption! This compact lamp is therefore ideal as a deck light or spotlight. Even on boats subjected to heavy shocks and strong vibrations, the Megabeam is a reliable and maintenance-free lamp. The Hella LED Megabeam comes with a stainless steel mounting bracket for vertical installation and two meters of cable. The lamp is fully sealed and therefore protected against (sea) water. The CE-certified LED Megabeam is equipped with Hella multivolt technology. This means that the lamp can be used in both 12V and 24V circuits, and is protected against peaks and drops between 9 and 30 volts.

**Protection class (IP)** IP67

**Light type** LED

Item no.	Description
1GO996 276-471	Hella Mega Beam worklight LED 12/24V wh RETRO



## Hella Power Beam work light

**Protection class (IP)** IP67

**Light type** LED

Item no.	Description
1GA996 188-001	Hella Powerbeam worklight 1000 LED multivolt



## Hella RokLUME work lamp

**Protection class (IP)** IP67

**Light type** LED

Item no.	Description
1GA996 197-601	Hella Working Light RokLUME 380 20-32V LED
1GA996 197-611	Hella Working Light RokLUME 380 N 20-32V LED



## Hella Mega Beam Work Light GEN III

In this specially developed Megabeam for the maritime sector, four LED lamps deliver an enormous beam of light comparable to that of a construction or work lamp. And all this with low power consumption! This compact lamp is therefore ideal as a deck light or spotlight. Even on boats subjected to heavy shocks and strong vibrations, the Megabeam is a reliable and maintenance-free lamp. The Hella LED Megabeam comes with a stainless steel mounting bracket for vertical installation and two meters of cable. The lamp is fully sealed and therefore protected against (sea) water. The CE-certified LED Megabeam is equipped with Hella multivolt technology. This means that the lamp can be used in both 12V and 24V circuits, and is protected against peaks and drops between 9 and 30 volts.

**Protection class (IP)** IP67

**Light type** LED

Item no.	Description
1GM996 136-341	Hella Mega Beam worklight LED 12/24V white GEN. III
1GM996 136-351	Hella Mega Beam worklight LED 12/24V black GEN. III



## Hollex Work Light

**Protection class (IP)** IP67

**Light type** LED

Item no.	Description
0100.58486	Hollex worklight IP67 Spread 10-30V 48W black



## Hella Deck Light Halogen

**Voltage type (VAC / VDC)** VDC

**Light type** Halogeen

**Voltage (V)** 12

Item no.	Description
0122	Hella deck light halogen



## Hella Spotlight Halogen

**Voltage type (VAC / VDC)** VDC

**Light type** Halogeen

**Voltage (V)** 12 24

Item no.	Description
0152	Hella deck searchlight halogen black
0153	Hella deck searchlight white halogen





### Hella Deck Light White

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>Halogeen</b>
<b>Protection class (IP)</b>	<b>IP6K9K</b>
<b>Power in watts</b>	<b>55</b>
<b>Voltage (V)</b>	<b>12</b>

Item no.	Description
0121	Hella deck searchlight white with AISI base



### Hella Deck Light RokLUME

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP6K9K</b>

Item no.	Description	Power in watts
1GA995 606-501	Hella RokLUME 280 black close range 12/24V 56W	56
1GA995 606-511	Hella RokLUME 280 black long range 12/24V 56W	56
1GA996 197-011	Hella Working Light RokLUME 380 N 20-32V LED	84



### Hella Deck Light Oval

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>Halogeen</b>
<b>Protection class (IP)</b>	<b>IP6K9K</b>

Item no.	Description
1GA996 361-131	Hella deck searchlight Oval 100 12V white



### Hella Deck Light HypaLUME

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67 IP6K9K</b>
<b>Power in watts</b>	<b>300</b>

Item no.	Description
1GJ011 872-521	Hella utility light HypaLUME 18-52VDC 20.000lm



## Hella Floodlight 70

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Power in watts</b>	<b>13</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
1GO996 276-451	Hella LED floodlight 70 Gen.III 12/24V



## Hella Deck Light Module 70

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Power in watts</b>	<b>21</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
1GO996 476-201	Hella deck searchlight white Module 70 IV LED sport neutral white 2100Lm 9-33Vh
1GO996 476-221	Hella Module 70 "Long" black 2500Lm 9-33V



## Hella Spotlight Roof mounting

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>Halogeen</b>
<b>Protection class (IP)</b>	<b>IPX6K</b>

Item no.	Description	Power in watts
1H3998 502-021	Hella searchlight roof mount 12Vdc	55
1H3998 502-041	Hella searchlight roof mount 24Vdc	70



## Hella Deck Light Sea Hawk XLB

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Power in watts</b>	<b>25</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
2LT958 040-651	Hella Sea Hawk-XLB spot black 9-33V
2LT958 040-661	Hella Sea Hawk-XLB spot white 9-33V
2LT958 040-701	Hella Sea Hawk-XLB spread black 9-33V
2LT958 040-711	Hella Sea Hawk-XLB spread white 9-33V



## Hella Deck Light Sea Hawk 470

<b>Voltage type (VAC / VDC)</b>	VDC
<b>Light type</b>	LED
<b>Protection class (IP)</b>	IP67
<b>Power in watts</b>	18
<b>Voltage (V)</b>	12 24

Item no.	Description
2LT958 130-501	Hella Sea Hawk 470 spread diffused black 9-33V

## Hella Deck Light Sea Hawk R

<b>Voltage type (VAC / VDC)</b>	VDC
<b>Light type</b>	LED
<b>Protection class (IP)</b>	IP67
<b>Power in watts</b>	7
<b>Voltage (V)</b>	12 24

Item no.	Description
2LT980 573-011	Hella Sea Hawk-R spread black 9-33V
2LT980 573-021	Hella Sea Hawk-R spread white 9-33V

## Hella Deck Light Sea Hawk

<b>Voltage type (VAC / VDC)</b>	VDC
<b>Light type</b>	LED
<b>Protection class (IP)</b>	IP67
<b>Power in watts</b>	3
<b>Voltage (V)</b>	12 24

Item no.	Description
2LT980 670-201	Hella LED deck light Sea Hawk black 9-33V/spot
2LT980 670-211	Hella LED deck light Sea Hawk white 9-33V/spot
2LT980 670-301	Hella LED deck light Sea Hawk black 9-33V/spread
2LT980 670-311	Hella LED deck light Sea Hawk white 9-33V/spread

## Hella Deck Light Sea Hawk XLR

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Power in watts</b>	<b>18</b>
<b>Voltage (V)</b>	<b>9 33</b>

Item no.	Description
2LT980 740-001	Hella Sea Hawk-XLR spread black 9-33V
2LT980 740-011	Hella Sea Hawk-XLR spread white 9-33V
2LT980 740-201	Hella Sea Hawk-XLR spot black 9-33V
2LT980 740-211	Hella Sea Hawk-XLR spot white 9-33V



## Hella Deck Light Sea Hawk Flush

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Power in watts</b>	<b>3</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
2LT980 747-101	Hella LED deck light Sea Hawk Flush black 9-33V/spread
2LT980 747-111	Hella LED deck light Sea Hawk Flush white 9-33V/spread



## Hella Deck Light Sea Hawk XL

<b>Voltage type (VAC / VDC)</b>	<b>VDC</b>
<b>Light type</b>	<b>LED</b>
<b>Protection class (IP)</b>	<b>IP67</b>
<b>Power in watts</b>	<b>12</b>
<b>Voltage (V)</b>	<b>12 24</b>

Item no.	Description
2LT980 950-001	Hella floodlight Sea Hawk XL 750Lm spread black
2LT980 950-011	Hella floodlight Sea Hawk XL 750Lm spread white
2LT980 950-041	Hella Sea Hawk XL multi color 12W
2LT980 950-071	Hella Floodlight Sea Hawk XL white/blue 9-33V
2LT980 950-201	Hella floodlight Sea Hawk XL 750Lm spot black
2LT980 950-211	Hella floodlight Sea Hawk XL 750Lm spot white





## Hollex Searchlight

Voltage type (VAC / VDC)	VDC
Light type	LED
Remote controle	Yes
Power in watts	60
Voltage (V)	12 24

Item no.	Description
HSLRL	Hollex searchlight LED 60W white with remote control



## Hand Spotlight

Item no.	Description
013999	Hella manual search light 24V black
1GO996 476-501	Hella manual searchlight black Module 70 IV LED spot neutral white 2500Lm 9-33V
1H0996 476-501	Hella manual searchlight LED spot 2500Lm 9-33V
1H3998 502-001	Hella manual searchlight 12V (8502)



## Hollex RGBW Controller

Item no.	Description
HLRGBWC	Hollex RGBW controller

## Hella Apelo Underwater Lighting

Light type	LED
Voltage (V)	12 24
Protection class (IP)	IP69

Item no.	Description
2LT 016 145-001	Hella Apelo A1 BL/W 15W black/lens anthracite
2LT 016 145-011	Hella Apelo A1 BL/W 15W black/lens white
2LT 016 146-001	Hella Apelo A1 RGB 15W black/lens anthracite
2LT 016 146-011	Hella Apelo A1 RGB 15W black/lens white
2LT 016 147-001	Hella Apelo A2 BL/W 30W black-aluminium/lens anthracite
2LT 016 147-101	Hella Apelo A2 BL/W 30W bronze/lens white
2LT 016 148-001	Hella Apelo A2 RGB 30W black-aluminium/lens anthracite
2LT 016 148-101	Hella Apelo A2 RGB 30W bronze/lens white



## Hollex G4 (GU4)

Dimmable Yes

Item no.	Description
0100.51668	Hollex LED G4 10-30V 3W warm white 21 LEDS back pin
0100.600	Hollex LED G4 10-30V/1,5W warm white 9 LEDS side pin
0100.601	Hollex LED G4 10-30V/1,5W warm white 9 LEDS back pin
0100.602	Hollex LED G4 10-30V 2W warm white 12 LEDS side pin
0100.603	Hollex LED G4 10-30V 2W warm white 12 LEDS back pin
0100.604	Hollex LED G4 10-30V 3W warm white 21 LEDS side pin
0100.605	Hollex LED G4 10-30V/0,6W warm white 12 LEDS back pin
0100.606	Hollex LED G4 10-30V/1,3W warm white 15 LEDS back pin
0100.692	Hollex LED G4 tower 10-30V 1W warm white dimmable



## Bulb BA15D

Item no.	Description
0100.57208	Hollex LED BA15D Tower 10-30V 2,5W warm white dimmable 360°
0100.630	Hollex LED BA15D 10-30V/0,7W warm white
0100.631	Hollex LED BA15D 10-30V/1,1W warm white 6 LEDS





### Bulb BA15S

Item no.	Description
0100.420	Bulb single pole 12V 10W BA15S
0100.470	Bulb single pole 24V 10W BA15S
0100.57008	Hollex LED BA15S 10-30V/2,5W warm white dimmable 360°
0100.57078	Hollex LED BA15S 10-30V/0,7W warm white dimmable 360°



### Bulb BA7S

Item no.	Description
A564250	Bulb 12V 2W BA7S

### Bulb BA9S

Item no.	Description
0100.200	Lamp for instruments 12V 2W BA9S
0100.210	Lamp for instruments 24V 2W BA9S
0100.220	Lamp for instruments 12V 4W BA9S
0100.230	Lamp for instruments 24V 4W BA9S
0100.55048	Hollex LED COB BA9S 10-30V 1W 100L warm white dimmable
0100.640	Hollex LED BA9S Tower 10-30V/1,3W warm white 15 LEDS
A564236	Bulb 12V 6W BA9S





**Bulb BAY15D**

Item no.	Description
0100.010	Longlife bulb 12V 10W BAY15d
0100.020	Longlife bulb 12V 25W BAY15d
0100.030	Longlife bulb 24V 10W BAY15d
0100.040	Longlife bulb 24V 25W BAY15d
0100.57408	Hollex LED BAY15D Tower 10-30V/2,3W warm white
0100.57478	Hollex LED BAY15D 10-30V/0,7W warm white/TÜV label
0100.57481	Hollex LED BAY15D 10-30V/1,4W white
0100.651	Hollex LED BAY15D 10-30V 2,9W white
0100.652	Hollex LED BAY15D 10-30V/2,5W red 18 LEDS
0100.653	Hollex LED BAY15D 10-30V/3,2W green 18 LEDS
0100.654	Hollex LED BAY15D 10-30V/0,7W white/TÜV label
0100.654.FEMM	Hollex LED BAY15D 10-30V/0,7W white/TÜV label

**Bulb E10**

Item no.	Description
A564254	Bulb 24V 3W E10

Dimmable

Yes

**Bulb E14**

Item no.	Description
0100.57611	Hollex LED E14 10-30V 3W warm white dimmable
0100.57613	Hollex LED E14 10-30V 4W warm white dimmable
A560128	Ball bulb 12V 15W E14
A560131	Ball bulb 24V 25W E14 matt
A560148	Bulb 24V 15W E14 perfume clear



## Bulb E27

Item no.	Description
0100.680	Hollex LED E27 10-30V 3W warm white 21 LEDS cover
0100.681	Hollex LED E27 10-30V 4W warm white 42 LEDS cover
A560100	Bulb 12V 40W E27 standard matt
A560101	Bulb 12V 60W E27 standard clear
A560123	Ball bulb 12V 40W E27
A560125	Ball bulb 24V 15W E27 matt
A560126	Ball bulb 24V 25W E27 matt
A560127	Ball bulb 24V 40W E27 matt

## Hollex Festoon

Dimmable

Yes

Item no.	Description
0100.54218	Hollex LED festoon 10-30V/1,1W warm white 6 LEDS 37mm
0100.620	Hollex LED festoon 10-30V/0,7W warm white 4 LEDS 31mm
0100.621	Hollex LED festoon 10-30V/0,5W warm white 3 LEDS 42mm
0100.622	Hollex LED festoon 10-30V/1,1W warm white 6 LEDS 42mm
0100.623	Hollex LED festoon 10-30V/2,0W warm white 9 LEDS 42mm
0100.624	Hollex LED festoon 10-30V/0,9W warm white 12 LEDS 42mm
0100.660	Hollex LED festoon 10-30V/1W white 12 LEDS 42mm
0100.661	Hollex LED festoon 10-30V 0,9W red 12 LEDS 42mm
0100.662	Hollex LED festoon 10-30V 0,9W green 12 LEDS 42mm

## Hollex G4

Item no.	Description
0100.51183	Hollex LED COB G4 10-30V 1,5W 150L warm white dimmable



**Bulb MR11**

Item no.	Description
0100.670	Hollex LED MR11 10-30V/15W=2W warm white spot
0100.671	Hollex LED MR11 10-30V/15W=2W warm white spread

**Bulb MR16 / GU5.3**

Item no.	Description
0100.675	Hollex LED MR16 10-30V/5W warm white spot
0100.676	Hollex LED MR16 10-30V/5W warm white spread

**Bulb SV8.5**

Item no.	Description
0100.311	Hella festoon bulb SV8,5 12V 5W 36mm
0100.371	Hella festoon bulb SV8,5 24V 10W 36mm

**Lighting Dimmer Modules**

Item no.	Description
0100.31021	Hollex LED dimmer DIMPERFECT max. 36W 10-30Vdc
0100.31024	Hollex LED dimmer DIMPERFECT 96W
0100.LEDC13	Hollex multifunctional touch LED dimmer 12/24V
5XA998 572-001	Hella dimmer 12/24V



## Hollex LED Bar Connection Materials

Here you will find all the necessary items to connect your LED bars and ceiling lights using standard plug connections. Besides reducing installation time, this also simplifies the process of connecting the lighting. With the mentioned distribution box, it is possible to set up a complete lighting group, which can be centrally dimmed and switched.



Item no.	Description
0100.31029	Hollex DC converter 10-30Vdc 36W 4.5A peak 54W
0100.41001	Hollex LED Bar Coupler 180° male/male
0100.41002	Hollex LED Bar Coupler 90° male/male
0100.41003	Hollex adapter cable 3.5/1.35 - male/male L=1000
0100.41004	Hollex adapter cable 3.5/1.35 female/female L=1000
0100.41005	Hollex adapter cable 3.5/1.35 - male/female L=1000
0100.41006	Hollex adapter cable 3.5/1.35 - male/thread L=1000
0100.41008	Hollex adapter cable 5.5/2.1 - female/thread L=300
0100.41009	Hollex adapter cable 5.5/2.1 - male/thread L=300
0100.41010	Hollex adapter cable 3.5/1.35 - female/wire L=1000
0100.41012	Hollex DC adapter 5,5/2,1 - plug 5,5/2,1 male
0100.41013	Hollex DC adapter 5.5/2.1 - Plug 5.5/2.1 female
010166	Hollex power supply kit 230 Vac -> 12Vdc 30W

## Hollex Movement Sensor



Item no.	Description
0100.31008	Hollex motion switch with IR sensor 10-30V 36W
0100.31009	Hollex motion switch with PIR sensor 10-30V 36W

## Mounting Material

Item no.	Description
0846	Hella mounting small black
0852	Hella universal bracket
0857	Hella mounting base large black
0858	Hella mounting base large white
8HG241 287-802	Hella Naviled Pro Deck Mount Adaptor black
8HG241 287-812	Hella Naviled Pro Deck Mount Adaptor white
8HG958 000-011	Hella bracket 45° white for surface strip lamp
8HG958 128-811	Hella Sea Hawk-XLB dual mounting 9-33V
8HG959 993-112	Hella spacer white for Slim Line
8JD008 151-021	Hella plug sleeve 2-pole
9NM958 988-402	Hella Windex bracket for Naviled Trio



## Connection plugs

Item no.	Description
8KB990 299-011	Hella cable 2mtr for Powerbeam 1000



# Flags



## Dutch Flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Rectangular
Item no.	Description
VLNL020030	Hollex Dutch flag 20x30cm
VLNL030045	Hollex Dutch flag 30x45cm
VLNL040060	Hollex Dutch flag 40x60cm
VLNL050075	Hollex Dutch flag 50x75cm
VLNL070100	Hollex Dutch flag 70x100cm
VLNL120180	Hollex Dutch flag 120x180cm
VLNLMB100150	Hollex Dutch flag 100x50cm navy blue

## Geus flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Rectangular
Item no.	Description
VLNLG020030	Hollex Geus Flag 20x30cm
VLNLG030045	Hollex Geus Flag 30x45cm
VLNLG040060	Hollex Geus Flag 40x60cm
VLNLG050075	Hollex Geus Flag 50x75cm

## Double Geus flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Rectangular
Item no.	Description
VLNLDG020030	Hollex Dutch Double Geus flag 20x30cm
VLNLDG030045	Hollex Dutch Double Geus flag 30x45cm
VLNLDG050075	Hollex Dutch Double Geus flag 50x75cm

## Brielse Geus flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Rectangular
Item no.	Description
VLNLBG020030	Hollex Brielse Geus flag 20x30cm
VLNLBG030045	Hollex Brielse Geus flag 30x45cm
VLNLBG040060	Hollex Brielse Geus flag 40x60cm
VLNLBG050075	Hollex Brielse Geus flag 50x75cm



## German Flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Rectangular
Item no.	Description
VLDU050075	Hollex German flag 50x75cm



## Frisian Point Flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Point
Item no.	Description
VLNLFRP020030	Hollex Frisian point flag 20x30cm
VLNLFRP030045	Hollex Frisian point flag 30x45cm



## Frisian Flags

Discover flags of unparalleled quality, crafted from premium spun polyester. Our collection includes an extensive range, including the German, Frisian, Dutch, Brielse, and Geus flags.

Shape	Rectangular
Item no.	Description
VLNLFR020030	Hollex Frisian flag 20x30cm
VLNLFR030045	Hollex Frisian flag 30x45cm
VLNLFR040060	Hollex Frisian flag 40x60cm
VLNLFR050075	Hollex Frisian flag 50x75cm
VLNLFR070100	Hollex Frisian flag 70x100cm







## Hollex Yacht Mast

The yacht masts are made of mahogany wood and finished with ash decorative strips. They are easy to lower and equipped with cable passage and a rosette for the anchor light. The thickness is 50 mm.

For this mast, a stainless steel 316 base is available. See Deck fittings: Stainless steel.

Item no.	Description
1401	Hollex yacht mast 100cm
1402	Hollex yacht mast 125cm
1403	Hollex yacht mast 150cm
1404	Hollex yacht mast 175cm
1405	Hollex yacht mast 200cm
1406	Hollex yacht mast 250cm



## Hollex yacht mast base

Our mast base is delivered in a high-polished finish and is made of stainless steel 316. The stainless steel tilt pin and two cap nuts are included. Maximum mast thickness 50 mm. Exalto also offers wooden yacht masts in its range.

Item no.	LxWxH
1423	170x110x190 mm

## Hollex flagpoles straight

The stainless steel flagpoles are entirely constructed from stainless steel for maximum durability and longevity.

**Material** Stainless steel (AISI 316)

**Shape** Straight

Item no.	Length (cm)	Ø (mm)
VS190500	50	19
VS190750	75	19
VS251000	100	25
VS251500	150	25
VS252000	200	25



## Flagpole holders Built-in

Item no.	Description
VSH19045	Hollex flagpole holder 19mm AISI316 recessed 45°
VSH25045	Hollex flagpole holder 25mm AISI316 recessed 45°

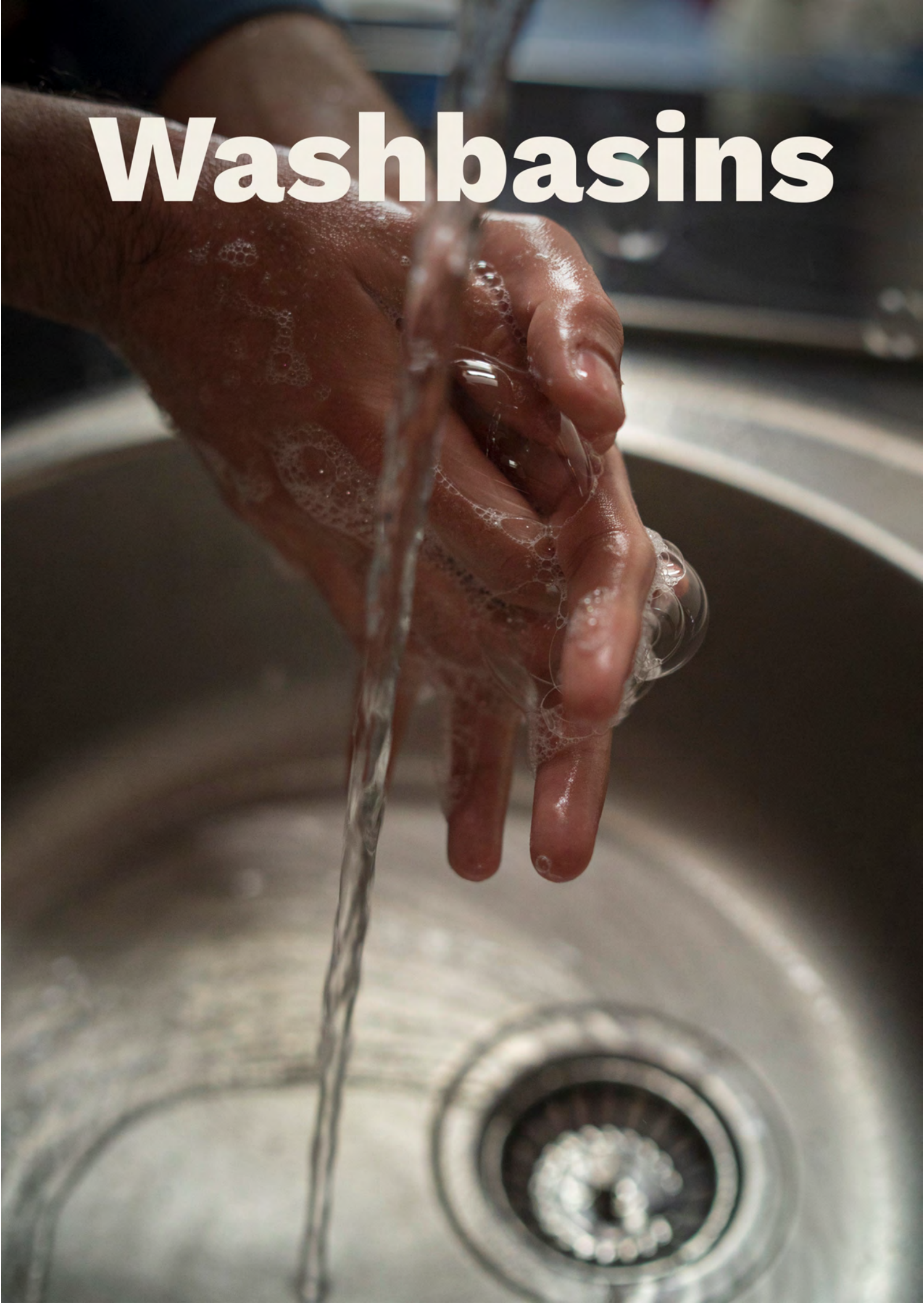


## Flagpole holders Surface-mounted

Item no.	Description
506651	Hollex flagpole Holder 25mm with rotary knob
VSH19070	Hollex flagpole holder 19mm AISI316 70°
VSH25010	Hollex flagpole holder 25mm AISI316 10°
VSH404182	Hollex flagpole holder 25mm AISI316 surface mount 80°



# Washbasins





### Hollex wash basin bowl

**Material** Stainless steel (AISI 304)

Item no.	Ø (mm)	H (mm)
70.01.50	290	120
70.01.50#	360	115



### Hollex washbasins oval

**Material** Stainless steel (AISI 304)

Item no.	Length (mm)	Width (mm)	H (mm)
70.01.95	385	265	124



### Hollex wash basins rectangular

**Material** Stainless steel (AISI 304)

Item no.	Length (mm)	Width (mm)	H (mm)
70.01.20	320	320	150
70.01.30	360	260	150
70.01.40	170	320	150



### Hollex wash basins round

**Material** Stainless steel (AISI 304)

Item no.	Ø (mm)	H (mm)
70.01.60	290	185
70.01.70	340	185
70.01.71	385	185
70.01.72	455	185



## Hollex square wash basins

**Material** Stainless steel (AISI 304)

Item no.	Length (mm)	Width (mm)	H (mm)
70.01.21	358	358	150



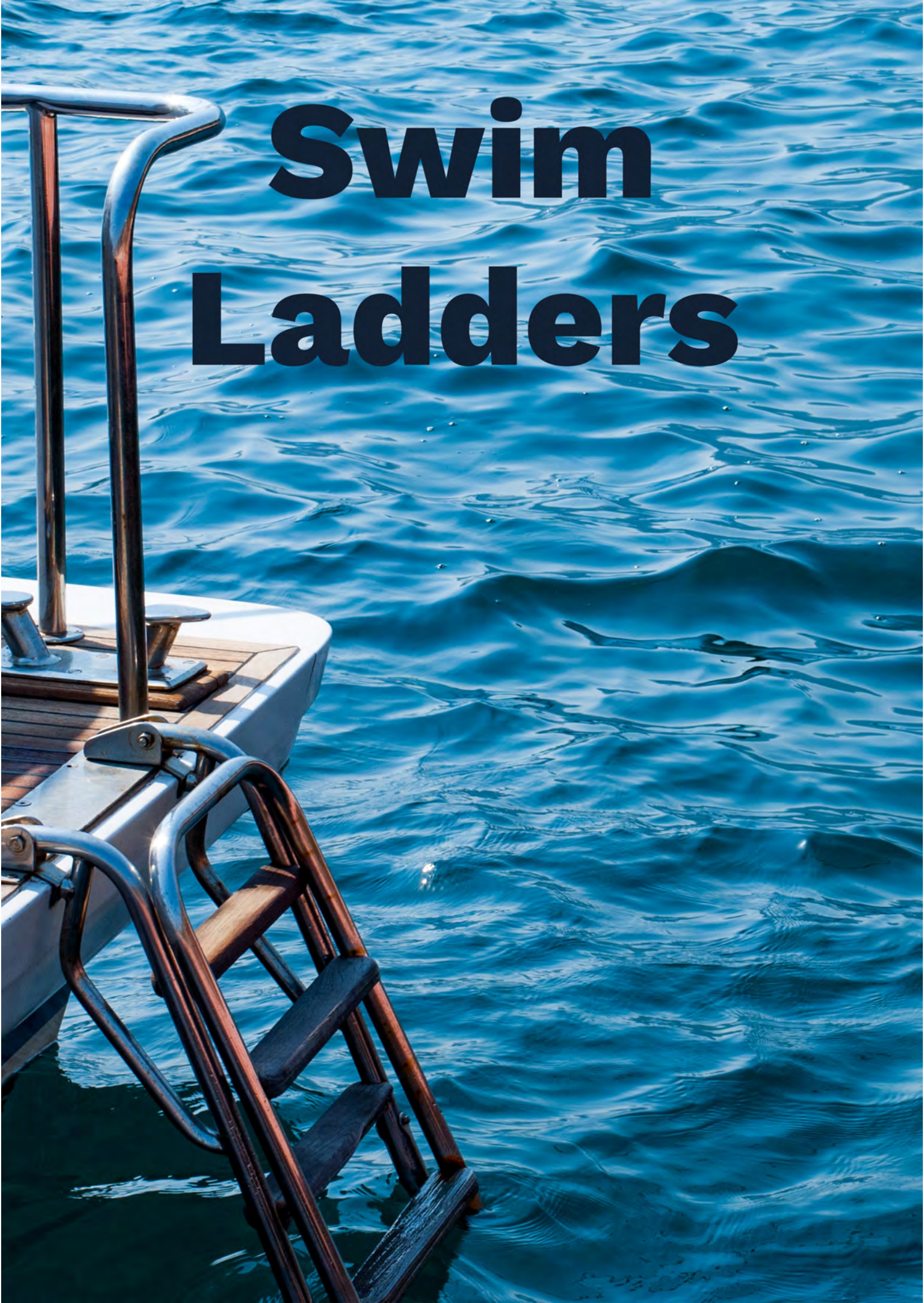
## Hollex Accessories Washbasins

**Material** Synthetic Galvanized steel

Item no.	Description
1551855	Hollex drain square 25mm with plug



# Swim Ladders





### Hollex Foldable swimming ladder

Product width (mm) 235

Swim ladder type

Variabel height mm Yes

Item no.	Height (mm)	Steps (pcs)	Material
115102258	310	1+2	Stainless steel (AISI 316)
115102259	450	2+2	Teak / Stainless steel (AISI 316)
115102260	605	2+3	Stainless steel (AISI 316)



### Hollex Foldable swimming ladder

Product width (mm) 231.6

Swim ladder type

Variabel height mm Yes

Item no.	Height (mm)	Steps (pcs)	Material
115102263	667.4	3	Stainless steel (AISI 316)
115102264	667.4	3	Stainless steel (AISI 316) / Teak

# Propulsion





# Shaft Seals





## Hollex Seal water-lubricated

Item no.	Description	Tube Ø (mm)
8000025T043	Hollex seal T025-043	43
8000025T056	Hollex seal T025-056	56
8000030T056	Hollex seal T030-056	56
8000030T063	Hollex seal T030-063	63
8000035T063	Hollex seal T035-063	63
8000035T076	Hollex seal T035-076	76
8000040T063	Hollex seal T040-063	63
8000040T076	Hollex seal T040-076	76
8000045T070	Hollex seal T045-070	70
8000045T083	Hollex seal T045-083	83
8000050T070	Hollex seal T050-070	70
8000050T083	Hollex seal T050-083	83
8000050T087	Hollex seal T050-087	87
8000055T070	Hollex seal T055-070	70
8000055T083	Hollex seal T055-083	83
8000060T087	Hollex seal T060-087	87
8000060T102	Hollex seal T060-102	102
8000070T113	Hollex seal T070-113	113
8000080T113	Hollex seal T080-113	113

## SeriesOne Seal

**Material** Silicone Composite

**Product length (mm)** 156



Item no.	Description	Tube Ø (mm)
ONE22M41MM	Tides Marine SeriesOne seal 22x41mm	41
ONE22M45MM	Tides Marine SeriesOne seal 22x45mm	45
ONE22M51MM	Tides Marine SeriesOne seal 22x51mm	51
ONE22M57MM	Tides Marine SeriesOne seal 22x57mm	57
ONE22M63MM	Tides Marine SeriesOne seal 22x63mm	63
ONE25M41MM	Tides Marine SeriesOne seal 25x41mm	41
ONE25M45MM	Tides Marine SeriesOne seal 25x45mm	45
ONE25M51MM	Tides Marine SeriesOne seal 25x51mm	51
ONE25M57MM	Tides Marine SeriesOne seal 25x57mm	57
ONE25M63MM	Tides Marine SeriesOne seal 25x63mm	63
ONE25M70MM	Tides Marine SeriesOne seal 25x70mm	70
ONE25M76MM	Tides Marine SeriesOne seal 25x76mm	76
ONE30M41MM	Tides Marine SeriesOne seal 30x41mm	41
ONE30M45MM	Tides Marine SeriesOne seal 30x45mm	45
ONE30M51MM	Tides Marine SeriesOne seal 30x51mm	51
ONE30M57MM	Tides Marine SeriesOne seal 30x57mm	57
ONE30M63MM	Tides Marine SeriesOne seal 30x63mm	63
ONE30M70MM	Tides Marine SeriesOne seal 30x70mm	70
ONE30M76MM	Tides Marine SeriesOne seal 30x76mm	76



### SureSeal

Item no.	Description
FSK1000	Tides Marine SureSeal for shaft $\varnothing$ 1"
FSK1500	Tides Marine SureSeal for shaft $\varnothing$ 1 1/2"
FSK1250	Tides Marine SureSeal for shaft $\varnothing$ 1 1/4"
FSK1750	Tides Marine SureSeal for shaft $\varnothing$ 1 3/4"
FSK1375	Tides Marine SureSeal for shaft $\varnothing$ 1 3/8"
FSK1625	Tides Marine SureSeal for shaft $\varnothing$ 1 5/8"
FSK2000	Tides Marine SureSeal for shaft $\varnothing$ 2"
FSK2500	Tides Marine SureSeal for shaft $\varnothing$ 2 1/2"
FSK2250	Tides Marine SureSeal for shaft $\varnothing$ 2 1/4"
FSK2750	Tides Marine SureSeal for shaft $\varnothing$ 2 3/4"
FSK3000	Tides Marine SureSeal for shaft $\varnothing$ 3"



### Rubber Seal STB (Inch)

Item no.	Description	Tube $\varnothing$ (mm)
STB2540	TOR Marine stuffy box $\varnothing$ 1"	43
STB3175	TOR Marine stuffy box $\varnothing$ 1 1/4"	49
STB3810	TOR Marine stuffy box $\varnothing$ 1 1/2"	60
STB4445	TOR Marine stuffy box $\varnothing$ 1 3/4"	65
STB5080	TOR Marine stuffy box $\varnothing$ 2"	70



### Rubber Seal STB (mm)

Item no.	Description	Tube $\varnothing$ (mm)
STB25	TOR Marine stuffy box $\varnothing$ 25mm	42
STB30	TOR Marine stuffy box $\varnothing$ 30mm	48
STB35	TOR Marine stuffy box $\varnothing$ 35mm	54
STB40	TOR Marine stuffy box $\varnothing$ 40mm	60
STB45	TOR Marine stuffy box $\varnothing$ 45mm	64
STB50	TOR Marine stuffy box $\varnothing$ 50mm	70

## Rubber Seal STB EVO (Inch)

Item no.	Description	Tube Ø (mm)
STB2540E	TOR Marine stuffy box ø1" EVO	43
STB3175E	TOR Marine stuffy box ø1 1/4" EVO	49
STB3810E	TOR Marine stuffy box ø1 1/2" EVO	60
STB4445E	TOR Marine stuffy box ø1 3/4" EVO	65
STB5080E	TOR Marine stuffy box ø2" EVO	70



## Rubber Seal STB EVO (mm)

Item no.	Description	Tube Ø (mm)
STB25E	TOR Marine stuffy box ø25mm EVO	42
STB30E	TOR Marine stuffy box ø30mm EVO	48
STB35E	TOR Marine stuffy box ø35mm EVO	54
STB40E	TOR Marine stuffy box ø40mm EVO	60
STB45E	TOR Marine stuffy box ø45mm EVO	64
STB50E	TOR Marine stuffy box ø50mm EVO	70



## SureSeal Single Injection

Item no.	Description	Tube Ø (mm)
FSKM35M51M0	Tides Marine SureSeal single injection 35x51mm	51
FSKM35M54M0	Tides Marine SureSeal single injection 35x54mm	54
FSKM35M60M0	Tides Marine SureSeal single injection 35x60mm	60
FSKM35M64M0	Tides Marine SureSeal single injection 35x64mm	64
FSKM35M67M0	Tides Marine SureSeal single injection 35x67mm	67
FSKM40M57M0	Tides Marine SureSeal single injection 40x57mm	57
FSKM40M60M0	Tides Marine SureSeal single injection 40x60mm	60
FSKM40M64M0	Tides Marine SureSeal single injection 40x64mm	64
FSKM40M76M0	Tides Marine SureSeal single injection 40x76mm	76
FSKM45M64M0	Tides Marine SureSeal single injection 45x64mm	64
FSKM45M70M0	Tides Marine SureSeal single injection 45x70mm	70
FSKM45M76M0	Tides Marine SureSeal single injection 45x76mm	76
FSKM45M79M0	Tides Marine SureSeal single injection 45x79mm	79
FSKM45M89M0	Tides Marine SureSeal single injection 45x89mm	89
FSKM50M64M0	Tides Marine SureSeal single injection 50x64mm	64
FSKM50M76M0	Tides Marine SureSeal single injection 50x76mm	76



Item no.	Description	Tube Ø (mm)
FSKM50M79M0	Tides Marine SureSeal single injection 50x79mm	79
FSKM50M89M0	Tides Marine SureSeal single injection 50x89mm	89
FSKM55M76M0	Tides Marine SureSeal single injection 55x76mm	76
FSKM55M89M0	Tides Marine SureSeal single injection 55x89mm	89
FSKM60M102M0	Tides Marine SureSeal single injection 60x102mm	102
FSKM60M108M0	Tides Marine SureSeal single injection 60x108mm	108
FSKM60M76M0	Tides Marine SureSeal single injection 60x76mm	76
FSKM60M89M0	Tides Marine SureSeal single injection 60x89mm	89
FSKM60M95M0	Tides Marine SureSeal single injection 60x95mm	95
FSKM65M102M0	Tides Marine SureSeal single injection 65x102mm	102
FSKM65M114M0	Tides Marine SureSeal single injection 65x114mm	114
FSKM65M89M0	Tides Marine SureSeal single injection 65x89mm	89
FSKM70M102M0	Tides Marine SureSeal single injection 70x102mm	102
FSKM70M108M0	Tides Marine SureSeal single injection 70x108mm	108
FSKM70M114M0	Tides Marine SureSeal single injection 70x114mm	114
FSKM70M127M0	Tides Marine SureSeal single injection 70x127mm	127
FSKM70M89M0	Tides Marine SureSeal single injection 70x89mm	89
FSKM75M102M0	Tides Marine SureSeal single injection 75x102mm	102
FSKM75M108M0	Tides Marine SureSeal single injection 75x108mm	108
FSKM75M114M0	Tides Marine SureSeal single injection 75x114mm	114
FSKM80M102M0	Tides Marine SureSeal single injection 80x102mm	102
FSKM80M114M0	Tides Marine SureSeal single injection 80x114mm	114
FSKM80M127M0	Tides Marine SureSeal single injection 80x127mm	127
FSKM80M140M0	Tides Marine SureSeal single injection 80x140mm	140
FSKM140M165M0	Tides Marine SureSeal single injection 140x165mm	165

### SureSeal Twin Injection

Item no.	Description	Tube Ø (mm)
FSKM35M51M1	Tides Marine SureSeal twin injection 35x51mm	51
FSKM35M60M1	Tides Marine SureSeal twin injection 35x60mm	60
FSKM35M64M1	Tides Marine SureSeal twin injection 35x64mm	64
FSKM35M67M1	Tides Marine SureSeal twin injection 35x67mm	67
FSKM40M57M1	Tides Marine SureSeal twin injection 40x57mm	57
FSKM40M60M1	Tides Marine SureSeal twin injection 40x60mm	60
FSKM40M64M1	Tides Marine SureSeal twin injection 40x64mm	64



Item no.	Description	Tube Ø (mm)
FSKM40M76M1	Tides Marine SureSeal twin injection 40x76mm	76
FSKM45M64M1	Tides Marine SureSeal twin injection 45x64mm	64
FSKM45M70M1	Tides Marine SureSeal twin injection 45x70mm	70
FSKM45M76M1	Tides Marine SureSeal twin injection 45x76mm	76
FSKM45M79M1	Tides Marine SureSeal twin injection 45x79mm	79
FSKM45M89M1	Tides Marine SureSeal twin injection 45x89mm	89
FSKM50M64M1	Tides Marine SureSeal twin injection 50x64mm	64
FSKM50M76M1	Tides Marine SureSeal twin injection 50x76mm	76
FSKM50M79M1	Tides Marine SureSeal twin injection 50x79mm	79
FSKM50M89M1	Tides Marine SureSeal twin injection 50x89mm	89
FSKM55M76M1	Tides Marine SureSeal twin injection 55x76mm	76
FSKM55M89M1	Tides Marine SureSeal twin injection 55x89mm	89
FSKM60M102M1	Tides Marine SureSeal twin injection 60x102mm	102
FSKM60M108M1	Tides Marine SureSeal twin injection 60x108mm	108
FSKM60M76M1	Tides Marine SureSeal twin injection 60x76mm	76
FSKM60M89M1	Tides Marine SureSeal twin injection 60x89mm	89
FSKM60M95M1	Tides Marine SureSeal twin injection 60x95mm	95
FSKM65M102M1	Tides Marine SureSeal twin injection 65x102mm	102
FSKM65M114M1	Tides Marine SureSeal twin injection 65x114mm	114
FSKM65M89M1	Tides Marine SureSeal twin injection 65x89mm	89
FSKM70M102M1	Tides Marine SureSeal twin injection 70x102mm	102
FSKM70M108M1	Tides Marine SureSeal twin injection 70x108mm	108
FSKM70M114M1	Tides Marine SureSeal twin injection 70x114mm	114
FSKM70M127M1	Tides Marine SureSeal twin injection 70x127mm	127
FSKM70M89M1	Tides Marine SureSeal twin injection 70x89mm	89
FSKM75M102M1	Tides Marine SureSeal twin injection 75x102mm	102
FSKM75M108M1	Tides Marine SureSeal twin injection 75x108mm	108
FSKM75M114M1	Tides Marine SureSeal twin injection 75x114mm	114
FSKM80M102M1	Tides Marine SureSeal twin injection 80x102mm	102
FSKM80M114M1	Tides Marine SureSeal twin injection 80x114mm	114
FSKM85M114M1	Tides Marine SureSeal twin injection 80x114mm	114
FSKM80M127M1	Tides Marine SureSeal twin injection 80x127mm	127
FSKM85M127M1	Tides Marine SureSeal twin injection 80x127mm	127
FSKM80M140M1	Tides Marine SureSeal twin injection 80x140mm	140
FSKM85M140M1	Tides Marine SureSeal twin injection 80x140mm	140

Item no.	Description	Tube Ø (mm)
FSKM85M152M1	Tides Marine SureSeal twin injection 80x152mm	152
FSKM90M114M1	Tides Marine SureSeal twin injection 90x114mm	114
FSKM90M127M1	Tides Marine SureSeal twin injection 90x127mm	127
FSKM90M140M1	Tides Marine SureSeal twin injection 90x140mm	140
FSKM90M152M1	Tides Marine SureSeal twin injection 90x152mm	152
FSKM95M127M1	Tides Marine SureSeal twin injection 95x127mm	127
FSKM95M140M1	Tides Marine SureSeal twin injection 95x140mm	140
FSKM95M152M1	Tides Marine SureSeal twin injection 95x152mm	152
FSKM100M140M1	Tides Marine SureSeal twin injection 100x140mm	140
FSKM100M152M1	Tides Marine SureSeal twin injection 100x152mm	152
FSKM100M165M1	Tides Marine SureSeal twin injection 100x165mm	165
FSKM105M140M1	Tides Marine SureSeal twin injection 105x140mm	140
FSKM105M152M1	Tides Marine SureSeal twin injection 105x152mm	152
FSKM105M165M1	Tides Marine SureSeal twin injection 105x165mm	165
FSKM110M140M1	Tides Marine SureSeal twin injection 110x140mm	140
FSKM110M152M1	Tides Marine SureSeal twin injection 110x152mm	152
FSKM110M165M1	Tides Marine SureSeal twin injection 110x165mm	165
FSKM110M178M1	Tides Marine SureSeal twin injection 110x178mm	178
FSKM115M152M1	Tides Marine SureSeal twin injection 115x152mm	152
FSKM115M165M1	Tides Marine SureSeal twin injection 115x165mm	165
FSKM115M178M1	Tides Marine SureSeal twin injection 115x178mm	178
FSKM120M152M1	Tides Marine SureSeal twin injection 120x152mm	152
FSKM120M165M1	Tides Marine SureSeal twin injection 120x165mm	165
FSKM120M178M1	Tides Marine SureSeal twin injection 120x178mm	178
FSKM125M165M1	Tides Marine SureSeal twin injection 125x165mm	165
FSKM125M178M1	Tides Marine SureSeal twin injection 125x178mm	178
FSKM130M140M1	Tides Marine SureSeal twin injection 130x152mm	152
FSKM130M165M1	Tides Marine SureSeal twin injection 130x165mm	165
FSKM130M178M1	Tides Marine SureSeal twin injection 130x178mm	178
FSKM140M140M1	Tides Marine SureSeal twin injection 140x140mm	140
FSKM140M165M1	Tides Marine SureSeal twin injection 140x165mm	165
FSKM140M178M1	Tides Marine SureSeal twin injection 140x178mm	178
FSKM150M165M1	Tides Marine SureSeal twin injection 150x165mm	165
FSKM150M178M1	Tides Marine SureSeal twin injection 150x178mm	178
FSKM150M203M1	Tides Marine SureSeal twin injection 150x203mm	203



Item no.	Description	Tube Ø (mm)
FSKM160M165M1	Tides Marine SureSeal twin injection 160x165mm	165
FSKM160M178M1	Tides Marine SureSeal twin injection 160x178mm	178
FSKM160M203M1	Tides Marine SureSeal twin injection 160x203mm	203
FSKM175M203M1	Tides Marine SureSeal twin injection 175x203mm	203
FSKM180M203M1	Tides Marine SureSeal twin injection 180x203mm	203
FSKM200M241M1	Tides Marine SureSeal twin injection 200x241mm	241
FSKM200M254M1	Tides Marine SureSeal twin injection 200x254mm	254

### SureSeal T-piece

Item no.	Description
TH0375-3/8-218	Tides Marine T-piece 3/8"x3/8"x3/8" for seal
TH0500-3/8-218	Tides Marine T-piece 1/2"x3/8"x1/2" for seal
TH0625-3/8-218	Tides Marine T-piece 5/8"x3/8"x5/8" for seal
TH0750-3/8-218	Tides Marine T-piece 3/4"x3/8"x3/4" for seal
TH1000-3/8-218	Tides Marine T-piece 1"x3/8"x1" for seal
TH1250-3/8-218	Tides Marine T-piece 1 1/4"x3/8"x1 1/4" for seal
TH1500-3/8-218	Tides Marine T-piece 1 1/2"x3/8"x1 1/2" for seal
TH1750-3/8-218	Tides Marine T-piece 1 3/4"x3/8"x1 3/4" for seal
TH2000-3/8-218	Tides Marine T-piece 2"x3/8"x2" for seal



### Water Pick Up Kit

Item no.	Description
TK0375-3/8-218	Tides Marine water pick-up kit 3/8"x3/8"
TK0500-3/8-218	Tides Marine water pick-up kit 1/2"x3/8"
TK0625-3/8-218	Tides Marine water pick-up kit 5/8"x3/8"
TK0750-3/8-218	Tides Marine water pick-up kit 3/4"x3/8"
TK1000-3/8-218	Tides Marine water pick-up kit 1"x3/8"
TK1250-3/8-218	Tides Marine water pick-up kit 1 1/4"x3/8"
TK1500-1/2-343	Tides Marine water pick-up kit 1 1/2"x3/8"
TK1500-3/8-218	Tides Marine water pick-up kit 1 1/2"x3/8"
TK1750-3/8-218	Tides Marine water pick-up kit 1 3/4"x3/8"
TK2000-3/8-218	Tides Marine water pick-up kit 2"x3/8"





### Volvo Seal VP-NBR (Inch)

Item no.	Description
3819724	Volvo seal VP-NBR-ø1"/outside dimension ø1 3/4"
3819725	Volvo seal VP-NBR-ø1 1/4"/outside dimension ø2"
3819726	Volvo seal VP-NBR-ø1 1/2"/outside dimension ø2 1/4"
3819727	Volvo seal VP-NBR-ø1 3/4"/outside dimension ø2 1/2"
3819728	Volvo seal VP-NBR-ø2"/outside dimension ø2 3/4"



### Volvo Seal VP-NBR (mm)

Item no.	Description
828254.3	Volvo seal VP25-NBR-ø25/B42mm
828422.6	Volvo seal VP30-NBR-ø30/B48mm
828526.4	Volvo seal VP35-NBR-ø35/B54mm
828527.2	Volvo seal VP40-NBR-ø40/B60mm
3819722	Volvo seal VP45-NBR-ø45/B64mm
3819723	Volvo seal VP50-NBR-ø50/B70mm



### Hollex VetFlex

Lubrication	Grease lubricated	
Material	Bronze	
Item no.	Shaft Ø (mm)	Tube Ø (mm)
75501T	25	45
75502T	30	45
75503T	35	60
75504T	40	60
75505T	45	75
75506T	50	75
75508T	60	90
75510T	70	90

## Carco Seal

**Material** Stainless steel NBR  
**Lubrication** Grease and oil lubricated

Item no.	Description	Shaft Ø (mm)
96025	Carco seal NBR/AISI for shaft ø25xø47x10	25
96030	Carco seal NBR/AISI for shaft ø30xø52x10	30
96035	Carco seal NBR/AISI for shaft ø35xø57x10	35
96040	Carco seal NBR/AISI for shaft ø40xø65x11	40
96045	Carco seal NBR/AISI for shaft ø45xø70x11	45
96050	Carco seal NBR/AISI for shaft ø50xø75x11	50
96060	Carco seal NBR/AISI for shaft ø60xø85x11	60
96070	Carco seal NBR/AISI for shaft ø70xø102x12,5	70
96080	Carco seal NBR/AISI for shaft ø80xø112x12,5	80
96090	Carco seal NBR/AISI for shaft ø90xø122x12,5	90
96100	Carco seal NBR/AISI for shaft ø100xø132x12,5	100
96110	Carco seal NBR/AISI for shaft ø110xø150x16	110
96120	Carco seal NBR/AISI for shaft ø120xø160x16	120
96130	Carco seal NBR/AISI for shaft ø130xø170x16	130



## Carco Seal Split

**Material** Stainless steel NBR  
**Lubrication** Grease and oil lubricated

Item no.	Description
96025.SPLIT	Carco split seal NBR/AISI for shaft ø25xø47x10
96030.SPLIT	Carco split seal NBR/AISI for shaft ø30xø52x10
96035.SPLIT	Carco split seal NBR/AISI for shaft ø35xø57x10
96040.SPLIT	Carco split seal NBR/AISI for shaft ø40xø65x11
96045.SPLIT	Carco split seal NBR/AISI for shaft ø45xø70x11
96050.SPLIT	Carco split seal NBR/AISI for shaft ø50xø75x11
96060.SPLIT	Carco split seal NBR/AISI for shaft ø60xø85x11
96070.SPLIT	Carco split seal NBR/AISI for shaft ø70xø102x12,5
96080.SPLIT	Carco split seal NBR/AISI for shaft ø80xø112x12,5
96090.SPLIT	Carco split seal NBR/AISI for shaft ø90xø122x12,5
96100.SPLIT	Carco split seal NBR/AISI for shaft ø100xø132x12,5
96110.SPLIT	Carco split seal NBR/AISI for shaft ø110xø150x16
96120.SPLIT	Carco split seal NBR/AISI for shaft ø120xø160x16





## Rameh Propeller Shaft Gasket Per Meter

The Stuffing Box Packing Type Rameh is a versatile packing made from plant-based fibers, specifically designed for pumps, agitators, and mixers in the maritime industry. This product is ideal for applications where both durability and reliability are important.

This packing is made from plant-based fibers and is red in color. It has similarities with types such as BPG 4510, James Walker, Lionpak 9500, Hecker 1955, Teadit 2000, and others.

The Stuffing Box Packing Type Rameh is suitable for various industries, including the paper and pulp industry, shipping, and wastewater treatment. Additionally, it is recommended for use in the chemical industry.

In terms of technical information, this universal packing is ideal for low-temperature applications and offers a very good price-to-quality ratio. It does not rot with prolonged exposure to water and is excellent for sealing fluids that contain solid particles. A recommended shaft hardness of 45 HRC contributes to the product's durability.

The construction of the packing consists of woven Ramie fibers with a high-quality lubricant. As for operation, it can handle a pressure of 16 bar and a speed of up to 10 meters per second for pumps.

**Temperature max (°C) 200**

Item no.	Description	Dimensions seal (mm)
66410	Rameh propeller shaft gasket 5x5mm L=1mtr	5
66420	Rameh propeller shaft gasket 6x6mm L=1mtr	6
66430	Rameh propeller shaft gasket 8x8mm L=1mtr	8
66440	Rameh propeller shaft gasket 10x10mm L=1mtr	10
66470	Rameh propeller shaft gasket 14x14mm L=1mtr	14

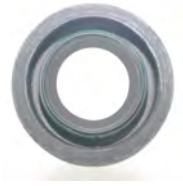


## Hollex Flexible Bellows Seal

Item no.	Description
827045	Flexible bellow BH45-NBR-ø45
827060	Flexible bellow BH60-NBR-ø60
827080	Flexible bellow BH80-NBR-ø80
827090	Flexible bellow BH90-NBR-ø90
827115	Flexible bellow BH115-NBR-ø115
827135	Flexible bellow BH135-NBR-ø135
827165	Flexible bellow BH165-NBR-ø165

## Tides Marine Lip Seal

Item no.	Description
LSF1000	Tides Marine lipseal F1000
LSF1250	Tides Marine lipseal F1250
LSF1500	Tides Marine lipseal F1500
LSF1625	Tides Marine lipseal F1625
LSF1750	Tides Marine lipseal F1750
LSF2000	Tides Marine lipseal F2000
LSF2250	Tides Marine lipseal F2250
LSF2500	Tides Marine lipseal F2500
LSF3000	Tides Marine lipseal F3000



## Gasket Puller

Material	Steel
Item no.	Description
66548	Packing puller with corkscrew for shaft packing 6 and 8mm
66552	Packing puller with corkscrew for shaft packing 10/11/12,5mm
66553	Packing puller with corkscrew for shaft packing 14/16/19mm.
66554	Packing puller with corkscrew for shaft packing 22/25mm.



## SureSeal Alarm System

Item no.	Description
SP-SS-1-GEN2	Tides Marine alarm system for single motor installation
SP-SS-2-GEN2	Tides Marine alarm system for twin motor installation
SP-SS-SIREN	Tides Marine acoustic alarm (optional)



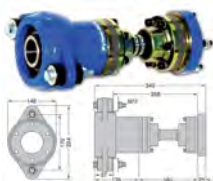
## STB Grease

Item no.	Description
828250.1	Volvo Seal tube grease 25 gr
STB-GREASE	TOR Marine tube grease for stuffy box



# Couplings





### PYTHON-DRIVE P110-S

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P110-S	Complete unit P110-S ø35/ø45	108	12	35 - 45



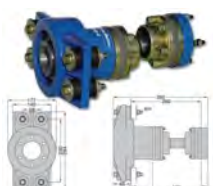
### PYTHON-DRIVE P110-T

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P110-T	Complete unit P110-S ø40/ø50	108	18	35 - 50



### PYTHON-DRIVE P200-Q

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)
P200-Q	Complete unit P200-Q ø45 t/m ø60	148	22

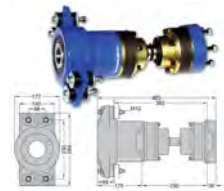


### PYTHON-DRIVE P140-T

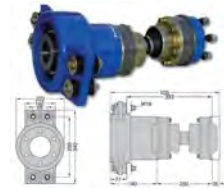
Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P140-T	Complete unit P140-T ø40/ø55	122	18	40 - 55

**PYTHON-DRIVE P200-T**

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P200-T	Complete unit P200-T ø45 t/m	148	18	40 - 60

**PYTHON-DRIVE P200-W**

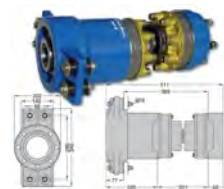
Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P200-W	Complete unit P200-W ø45 t/m	148	30	50 - 60

**PYTHON-DRIVE P30-R**

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P30-R	Complete unit P30-R ø20/ø30	100	4.3	19 - 30

**PYTHON-DRIVE P501-L**

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P501-L	Complete unit P501-L ø60 t/m	191.8	45	60 - 80

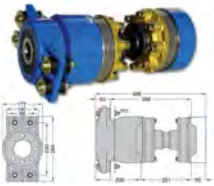






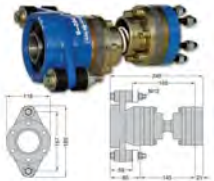
### PYTHON-DRIVE P501-Q

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P501-Q	Complete unit P501-Q ø55/ø60	191.8	22	55 - 60



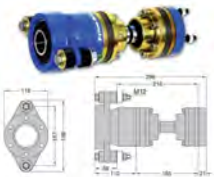
### PYTHON-DRIVE P501-W

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P501-W	Complete unit P501-W ø60 t/m	191.8	30	60 - 80



### PYTHON-DRIVE P60-B

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)
P60-B	Complete unit P60-B ø1 1/4" / 40	100	5.7



### PYTHON-DRIVE P60-K

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P60-K	Complete unit P60-K ø30/ø40	100	5.7	30 - 40

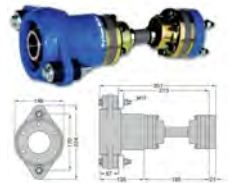
### PYTHON-DRIVE P80-M

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P80-M	Complete unit P80 ø30/ø45	100	8	30 - 45



### PYTHON-DRIVE P80-S

Item no.	Description	Ø head joint (mm)	Max. thrust (kN)	Shaft Ø range (mm)
P80-S	Complete unit P80-S ø35/ø45	100	12	30 - 45



### Centaflex Coupling M Excluding Hub

Item no.	Description
94701.001	Centaflex M127 excl. hub connection 4"
94701.002	Centaflex M127 excl. hub connection Volvo
94701.003	Centaflex M127 excl. hub connection 4" Yanmar
94701.035YAN	Centaflex M127 incl. hub Yanmar 4" hub ø35mm
94702.001	Centaflex M160 excl. hub connection 4"/5"



### Hollex Flexible Coupling

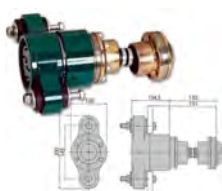
Item no.	Description
94699	Hollex flexible coupling 4" Hurth-ZF-140Nm
94700	Hollex flexible coupling 4"-5" Hurth-ZF-310Nm





### Aquadrive CV joint

Item no.	Description	Working L (mm)
6070001	Aquadrive shaft coupling type CV05	130
6070006	Aquadrive shaft coupling type CV10 (20100)	154
6070009	Aquadrive shaft coupling type 20100	
6070025	Aquadrive shaft coupling type CV15 (20200/20280)	170
6070040	Aquadrive shaft coupling type CV21 (20300)	210
6070083	Aquadrive shaft coupling type CV42 (20600)	274
6070090	Aquadrive shaft coupling type CV30 (20400)	245
6070100	Aquadrive shaft coupling type CV60 (20700)	



### Extended CV joint

Item no.	Description	Working L (mm)
6070005	Aquadrive shaft coupling extendend CV05	Max. 1000
6070019	Aquadrive shaft coupling extendend CV10	Max. 1000
6070035	Aquadrive shaft coupling extendend CV15	Max. 1000
6070049	Aquadrive shaft coupling extendend CV21	Max. 1000
6070087	Aquadrive shaft coupling extendend CV42	Max. 1000
6070095	Aquadrive shaft coupling extendend CV30	Max. 1000
6070108	Aquadrive shaft coupling extended CV60	



### Homokinetic Drive Shaft Python P30

Item no.	Description	Working L (mm)
P30.145	Python homokinetic drive shaft P30 L=145mm	145
P30.165	Python homokinetic drive shaft P30 L=165mm	165
P30.195	Python homokinetic drive shaft P30 L=195mm	195
P30.SPECIAL	Python homokinetic drive shaft P30 Special L=...	

## Homokinetic Drive Shaft Python P60

Item no.	Description	Working L (mm)
P60.145	Python homokinetic drive shaft P60 L=145mm	145
P60.165	Python homokinetic drive shaft P60 L=165mm	165
P60.195	Python homokinetic drive shaft P60 L=195mm	195
P60.SPECIAL	Python homokinetic drive shaft P60 Special L=...	



## Homokinetic Drive Shaft Python P80

Item no.	Description	Working L (mm)
P80.145	Python homokinetic drive shaft P80 L=145mm	145
P80.165	Python homokinetic drive shaft P80 L=165mm	165
P80.195	Python homokinetic drive shaft P80 L=195mm	195
P80.250	Python homokinetic drive shaft P80 L=250mm	250
P80.SPECIAL	Python homokinetic drive shaft P80 Special L=...	
P80-1000	Python homokinetic drive shaft P80-1000	
P80-500	Python homokinetic drive shaft P80-500	
P80-750	Python homokinetic drive shaft P80-750	
PMI	Python measuring instrument (P30 till P140)	



## CV joint driveshaft Python P110

Item no.	Description	Working L (mm)
P110.180	Python homokinetic drive shaft P110 L=180mm	180
P110.225	Python homokinetic drive shaft P110 L=225mm	225
P110.SPECIAL	Python homokinetic drive shaft P110 Special L=..	
P110-1000	Python homokinetic drive shaft P110-1000	
P110-500	Python homokinetic drive shaft P110-500	
P110-750	Python adapter flange P200 6"	





### CV joint driveshaft Python P140

Item no.	Description	Working L (mm)
P140.180	Python homokinetic drive shaft P140 L=180mm	180
P140.225	Python homokinetic drive shaft P140 L=225mm	225
P140.SPECIAL	Python homokinetic drive shaft P140 Special L=.	



### Homokinetic Drive Shaft Python P200

Item no.	Description	Working L (mm)
P200.255	Python homokinetic drive shaft P200 L=255mm	255
P200.SPECIAL	Python homokinetic drive shaft P200 Special L=.	



### Homokinetic Drive Shaft Python P501

Item no.	Description	Working L (mm)
P501.221	Python homokinetic drive shaft P501 L=221mm	221
P501.260	Python homokinetic drive shaft P501 L=260mm	260
P501.SPECIAL	Python homokinetic drive shaft P501 Special L=.	

## Centa Clamp Hubs

Item no.	Description
94702.025	Centaflex clamping hub M160 for shaft $\varnothing$ 25
94760.060	Centaflex clamping hub AM250 for shaft $\varnothing$ 60
94760.045	Centaflex clamping hub AM250 for shaft $\varnothing$ 45
94750.070	Centaflex clamping hub AM200 for shaft $\varnothing$ 70
94750.060	Centaflex clamping hub AM200 for shaft $\varnothing$ 60
94750.050	Centaflex clamping hub AM200 for shaft $\varnothing$ 50
94750.040	Centaflex clamping hub AM200 for shaft $\varnothing$ 40
94740.134	Centaflex clamping hub AM140 for shaft 1 3/4"
94740.060	Centaflex clamping hub AM140 for shaft $\varnothing$ 60
94740.050	Centaflex clamp hub AM140 for shaft $\varnothing$ 50
94740.045	Centaflex clamping hub AM140 for shaft $\varnothing$ 45
94740.040	Centaflex clamping hub AM140 for shaft $\varnothing$ 40
94713.050	Centaflex clamping hub AM30*80 for shaft $\varnothing$ 50
94760.070	Centaflex clamping hub AM250 for shaft $\varnothing$ 70
94713.045	Centaflex clamping hub AM30*80 for shaft $\varnothing$ 45
94713.035	Centaflex clamping hub AM30*80 for shaft $\varnothing$ 35
94713.030	Centaflex clamping hub AM30*80 for shaft $\varnothing$ 30
94713.025	Centaflex clamping hub AM30*80 for shaft $\varnothing$ 25
94711.035	Centaflex clamping hub M127 with AM12*22 for shaft $\varnothing$ 35
94711.030	Centaflex clamping hub M127 with AM12*22 for shaft $\varnothing$ 30
94711.025	Centaflex clamping hub M127 with AM12*22 for shaft $\varnothing$ 25
94705.040	Centaflex clamping hub AM28 for shaft $\varnothing$ 40
94705.035	Centaflex clamping hub AM28 for shaft $\varnothing$ 35
94705.030	Centaflex clamping hub AM28 for shaft $\varnothing$ 30
94702.040	Centaflex clamping hub M160 for shaft $\varnothing$ 40
94702.035	Centaflex clamping hub M160 for shaft $\varnothing$ 35
94702.030	Centaflex clamping hub M160 for shaft $\varnothing$ 30
94713.040	Centaflex clamping hub AM30*80 for shaft $\varnothing$ 40
94770.060	Centaflex clamping hub AM400 for shaft $\varnothing$ 60





### Hollex clamping hubs

Item no.	Description
28-FM-102	Hollex clamping hub $\varnothing 28 \times \varnothing 102$ female EP
38-FM-102	Hollex clamping hub $\varnothing 38 \times \varnothing 102$ female EP



### TOR Clamp hubs

Item no.	Description	Pitch circle (mm)
25-FM-100	TOR Marine clamping hub $\varnothing 25 \times \varnothing 100$	
25-FM-102	TOR Marine clamping hub $\varnothing 25 \times \varnothing 102$	82,5
30-FM-100	TOR Marine clamping hub $\varnothing 30 \times \varnothing 100$	
30-FM-102	TOR Marine clamping hub $\varnothing 30 \times \varnothing 102$	82,5
35-FM-127	TOR Marine clamping hub $\varnothing 35 \times \varnothing 127$	107,95
40-FM-127	TOR Marine clamping hub $\varnothing 40 \times \varnothing 127$	107,95

## R&D Clamping hubs

Item no.	Description	Pitch circle (mm)
CF165-25	R&D Marine clamping hub 4" ø25mm	82,5
CF300-40-YANMA	R&D Marine clamping hub Yanmar 5" ø40mm	100
CF300-35-YANMA	R&D Marine clamping hub Yanmar 5" ø35mm	100
CF300-30-YANMA	R&D Marine clamping hub Yanmar 5" ø30mm	100
CF257-40-YANMA	R&D Marine clamping hub Yanmar 4" ø40mm	78
CF257-35-YANMA	R&D Marine clamping hub Yanmar 4" ø35mm	78
CF257-30-YANMA	R&D Marine clamping hub Yanmar 4" ø30mm	78
CF257-25-YANMA	R&D Marine clamping hub Yanmar 4" ø25mm	78
CF171-50	R&D Marine clamping hub 5" ø50mm	107,95
CF171-45	R&D Marine clamping hub 5" ø45mm	107,95
CF171-40	R&D Marine clamping hub 5" ø40mm	107,95
CF171-35	R&D Marine clamping hub 5" ø35mm	107,95
CF171-30	R&D Marine clamping hub 5" ø30mm	107,95
CF165-40	R&D Marine clamping hub 4" ø40mm	82,5
CF165-35	R&D Marine clamping hub 4" ø35mm	82,5
CF165-30	R&D Marine clamping hub 4" ø30mm	82,5
CF300-45-YANMA	R&D Marine clamping hub Yanmar 5" ø45mm	100
CF300-50-YANMA	R&D Marine clamping hub Yanmar 5" ø50mm	100



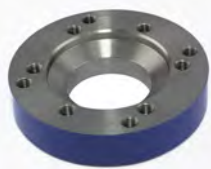
## Centa Adapter Flange

Item no.	Description
94701F.2.3	Centa adapterflange M127-2.3 Yanmar 5" incl. bolt set
94701F.3.2	Centa adapterflange M127-3.2 Volvo incl. bolt set





## Python Adapter Flange



Item no.	Description
P110-4	Python adapter flange P110 4"
P110-5	Python adapter flange P110 5"
P110-6	Python adapter flange P200 5"
P200-5	Python adapter flange P200 5"
P200-6	Python adapter flange P200 6"
P3/6/8-4	Python adapter flange P30/60/80 4"
P3/6/8-4-YAN	Python adapter flange P30/60/80 4" Yanmar
P3/6/8-5	Python adapter flange P30/P60/P80 5"
P3/6/8-6	Python adapter flange P30/P60/P80 6"
PTM10	Python stud kit for 4" or 5" Python adapter flange M10
PTM12	Python stud kit for 6" Python adapter flange M12

## Damper plate



Item no.	Description
B030001	Python mounting plate ø159mm Hurth
B030002	Python mounting plate ø235/253/265/270 Hurth
B030002A	Python mounting plate ø243/268mm Hurth
B030009	Python mounting plate ø159mm Velvet/Paragon
B030010	Python mounting plate ø235/253/265/270mm Velvet
B030010A	Python mounting plate ø243/268mm Velvet

## Aquadrive repair kits

Item no.	Description
6036002	Aquadrive boot kit Aquadrive CV05
6036003	Aquadrive boot kit Aquadrive20000 Silicon bellow
6036004	Aquadrive boot kit Aquadrive CV shaft 20100A/CV10
6036006	Aquadrive boot kit Aquadrive 20100 OLD STD.
6036011	Aquadrive boot kit Aquadrive CV shaft 20200/CV15
6036015	Aquadrive boot kit Aquadrive CV shaft 20300/CV21
6036018	Aquadrive boot kit Aquadrive CV shaft 20400/CV30



## Python repair sets

Item no.	Description
PD-B.MON	Python mounting kit for PD-B thrust bearing
PD-K.MON	Python mounting kit for PD-K thrust bearing
PD-M.MON	Python mounting kit for PD thrust bearing
PD-Q.MON	Python mounting kit for PD-Q thrust bearing
PD-R.MON	Python mounting kit for PD-R thrust bearing
PD-S.MON	Python mounting kit for PD-S thrust bearing
PD-T.MON	Python mounting kit for PD-T thrust bearing
PD-W.MON	Python mounting kit for PD-W thrust bearing



## Aquadrive Adapter Flanges

Item no.	Description
6040201	Aquadrive adapter flange suits Yanmar
6040502	Aquadrive adapter flange suits PRM
6040462A	Aquadrive adapter flange suits Yanmar
6040453	Aquadrive adapter flange suits Hurth/Yanmar/Borg
6040451	Aquadrive adapter flange suits PRM
6040450A	Aquadrive adapter flange suits Volvo Penta/Hurth/ZF
6040405	Aquadrive adapter flange suits Yanmar
6040403	Aquadrive adapter flange suits Volvo Penta
6040402	Aquadrive adapter flange suits PRM
6040401A	Aquadrive adapter flange suits Volvo Penta/Hurth/ZF
6040400A	Aquadrive adapter flange suits Hurth/Yanmar/Borg
6040367	Aquadrive adapter flange CV10-KM35P
6040365	Aquadrive adapter flange suits Yanmar
6040364A	Aquadrive adapter flange suits Volvo Penta/Hurth/ZF
6040362	Aquadrive adapter flange suits Hurth/Yanmar/Borg
6040361	Aquadrive adapter flange suits Volvo Penta
6040208	Aquadrive adapter flange suits Volvo Penta
6040207	Aquadrive adapter flange suits BW/PRM/Technodrive/V
6040514X	Aquadrive adapter flange CV30-ZF45A
6040520	Aquadrive adapter flange suits Twin Disk



## Various Aquadrive Parts

Item no.	Description
1602255	TOR Marine clamp collar double-split SS304 ø55xø88,8x19
6036098	Aquadrive bolt set CV42
6090083	Aquadrive rubber ø44xD18/22 tbv thrust bearing Classic
6090141	Aquadrive base plate CV10
6090143	Aquadrive base plate CV21
6090147	Aquadrive grease tube 80gr for shaft coupling
6110204	Aquadrive CVB 05.10 complete for shaft 25mm
6115002A	Aquadrive clamp coupling with spacer ring B10
6123029	Aquadrive flange kit for Moduline 20
6131024	Aquadrive seal 70mm for CVB30.30 and CVB 42.30
6133029	Aquadrive flange kit for CVB32.30/CVB42.30
94795	Centa CF-A-090-GB-3-3 for ZF63 with DIN120 waterjet
94810.001	Centaflex intermediate shaft for AGM30P ø35

## Aquadrive Adapter Kits

Item no.	Description
6116011	Aquadrive adapter kit B10 tbv CV05
6116012	Aquadrive adapter kit B10 tbv CV10
6116013	Aquadrive adapter kit B10 tbv CV15
6116014	Aquadrive adapter kit B10 tbv CV21
6126011	Aquadrive adapter kit B20 tbv CV21
6126012	Aquadrive adapter kit B20 tbv CV30
6136011	Aquadrive adapter kit B30 tbv CV30
6136015	Aquadrive adapter kit B30 tbv CV42



## Aquadrive Clamping Bush Set

Item no.	Description
6111013	Aquadrive clamping sleeve 20mm CVB05.10/CVB10.10
6111022	Aquadrive clamping sleeve 35mm CVB05/10/15/21
6111024	Aquadrive clamping sleeve 40mm CVB05/10/15/21
6121010	Aquadrive clamping sleeve 35mm CVB21.20/CVB30.20
6121012	Aquadrive clamping sleeve 40mm CVB21.20/CVB30.20
6121014	Aquadrive clamping sleeve 45mm CVB21.20/CVB30.20
6121016	Aquadrive clamping sleeve 50mm CVB21.20/CVB30.20
6131012	Aquadrive clamping sleeve 40mm CVB32.30/CVB42.30
6131014	Aquadrive clamping sleeve 45mm CVB32.30/CVB42.30
6131016	Aquadrive clamping sleeve 50mm CVB32.30/CVB42.30
6131018	Aquadrive clamping sleeve 55mm CVB32.30/CVB42.30
6131020	Aquadrive clamping sleeve 60mm CVB32.30/CVB42.30
6131023	Aquadrive clamping sleeve 65mm CVB32.30/CVB42.30



## Aquadrive Bearings

Item no.	Description
6190001	Aquadrive bearing B10
6190002	Aquadrive bearing B20
6190003	Aquadrive bearing B30



## Aquadrive Span Set

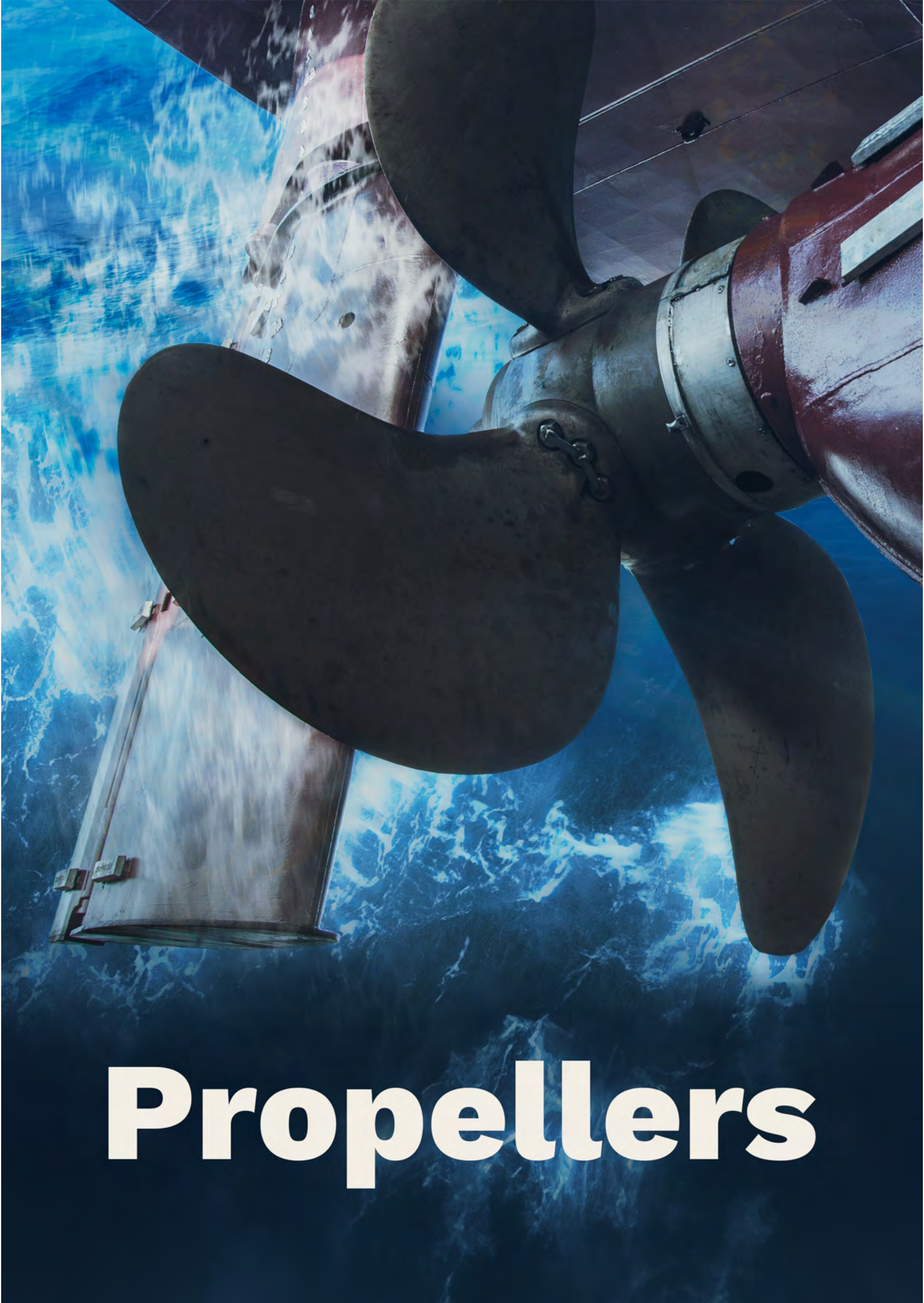
Item no.	Description
6122000	Aquadrive locking device B20
6132000	Aquadrive locking device B30





## Aquadrive Rubbers

Item no.	Description
6090234	Aquadrive rubber for thrust bearing B20/B30
6190039	Aquadrive rubber for thrust bearing Moduline B10



# Propellers



## **Michigan Marine Propulsion: GOLDLINE Propellers**

**Discover the industry benchmark in power boat propellers with  
GOLDLINE Propellers.**

Engineered to the highest standards, the GL Series propellers are designed to optimize vessel speed and minimize vibration, providing a smooth and comfortable boating experience. These propellers are ideal for both pleasure craft and small commercial vessels, thanks to their high efficiency and excellent maneuverability.

### **Precision and Flexibility**

The GL Series propellers come with a standard shaft hole, but non-standard options are available upon request. The most popular sizes of GL 235, 352, 485, and 592 are available from stock, ensuring quick delivery and installation. With a variety of blade surfaces to choose from, these propellers offer versatility to suit a range of boating applications.

### **Blade Surface**

D.A.R. GL235-2B: 35%

D.A.R. GL352-3B: 52%

D.A.R. GL469-4B: 69%

D.A.R. GL485-4B: 85%

D.A.R. GL592-5B: 92%

### **Material Matters**

In most cases, manganese bronze (MnBr) is the ideal propeller material, providing strength and durability. However, when used with aluminum ships, it's crucial to switch to nickel-aluminum bronze (NiAlBr) to avoid galvanic corrosion, as MnBr contains up to 40% zinc, which can cause issues with aluminum hulls. NiAlBr is almost zinc-free, making it a safe choice. For extreme cavitation or heavy loads, NiAlBr is recommended for its superior strength and resilience.



GOLDLINE  
**2-BLADE**



GOLDLINE  
**3-BLADE**



GOLDLINE  
**4-BLADE**



GOLDLINE  
**5-BLADE**





## **Michigan Marine Propulsion POWERLINE Propellers**

**Experience the ultimate combination of power and precision with POWERLINE Propellers.**

The advanced designs of our PL POWERLINE series propellers are unique and custom-made for each application. With careful attention to the distribution of chord, pitch, camber, and rake in the blade geometry, these propellers deliver maximum performance, reduce noise, and help prevent cavitation-induced damage.

### **Specially Designed for Higher Speeds and Revs**

POWERLINE propellers are designed for higher ship speeds and revs. They have a relatively large blade area, making them the solution to cavitation and thrust problems. The larger rake and skew of the blades provide optimum comfort and also reduce resonance and vibration.

They are ideally suited for high power and relatively small propeller diameters. POWERLINE propellers are available in manganese bronze and, for higher power ratings, nickel-aluminum bronze.

### **Blade Surface**

- D.A.R. PL375-3B : 75%
- D.A.R. PL485-4B : 85%
- D.A.R. PL592-5B : 92%
- D.A.R. PL106-5B : 106%

### **Craftsmanship and Quality**

At Michigan Marine Propulsion, they believe in great craftsmanship. The fundamental principles of design, expertise, and engineering skills are all reflected in the finished POWERLINE propeller product. Customers can rest assured that experienced and qualified marine engineers oversee every aspect of the manufacturing process.



POWERLINE  
**3-BLADE**



POWERLINE  
**4-BLADE**



POWERLINE  
**5-BLADE**

A close-up photograph of a propeller assembly. The main blade is dark, possibly black or dark grey, with a textured surface. It is mounted on a light-colored, possibly aluminum, shaft. The background is blurred, showing other parts of the assembly.

# FLEXOFOLD

## *Klapschroeven*

*Flexofold develops, produces, and sells outstanding folding propellers for sailboats and yachts. With a wide range of options, you can always find the right folding propeller to suit your sailboat or yacht.*

### ***Get Specific Propeller Advice***

The folding propellers are available as 2-blade and 3-blade in various diameters and pitches. They are offered for both shaft drives and saildrives, which means you can find the perfect propeller for your vessel's drive system.

### ***Compatible with All Common Saildrive***

Flexofold propellers fit perfectly with all common saildrives and are used worldwide by reputable shipyards, including Beneteau, Jeanneau, Lagoon, Elan, Hanse Yacht, Dehler, Saffier Yachts, Halberg-Rassy, and many more! With this broad acceptance, you can trust that there is always a Flexofold folding propeller that fits your boat.

### ***Compatible with All Common Propeller Shafts***

Flexofold propellers are available for all common propeller shafts according to ISO, SAE, and IMP standards. This makes them a versatile choice for many different types of sailboats, ensuring a seamless installation.

### ***Our Experience - Your Guarantee!***

We take pride in the direct contact and dialogue with our customers, shipyards, and dedicated sailors from around the world. This ensures that we can provide the best possible folding propeller for your sailboat. Flexofold stands for quality, reliability, and customer satisfaction. Contact us today for your specific propeller advice and experience the Flexofold quality.



## 2-BLADE **BRONZE**

Delivered as a combination of blade set and hub.  
(Can be ordered separately)



## 2-BLADE **COMPOSITE**

Delivered as a complete set.



## 3-BLADE **BRONZE**

Delivered as a combination of blade set and hub.  
(Can be ordered separately)

# MAX PROP® Folding propellers

*With MAX PROP® folding propellers, you can rely on high-quality materials, advanced technology, and easy installation. Whether you have a cruising ship, a sailboat, or a multihull yacht, MAX PROP® offers the versatility and performance you need. Contact us today for a custom consultation and discover how MAX PROP® can enhance your boating experience.*

## **De MAX PROP® BOOMERANG**

The BOOMERANG offers fully automatic operation, providing effortless sailing. With a patented mechanism, the propeller automatically returns to the feathering position when the engine stops. This innovation eliminates the need for a propeller shaft brake, even for boats with hydraulic drives. The propeller is designed with five blades for smooth operation and impressive thrust, especially in severe weather conditions.

## **De MAX PROP® EASY**

A breakthrough in folding propeller design, the EASY features simple installation and adjustable pitch. The EASY comes fully assembled, making installation similar to that of a fixed propeller: slide it onto the shaft, tighten it, and it's ready to use. With its unique adjustment mechanisms, you can easily alter the pitch of the propeller, giving you maximum control over your boat's performance.

## **De MAX PROP® WHISPER**

Building on the EASY design, the WHISPER offers superior performance with five blades, providing smoother operation and reduced noise. This makes it an ideal choice for cruisers with high displacement who require extra power and stability. The WHISPER comes fully assembled, allowing for simple and quick installation and pitch adjustments.

## **Advantages of MAX PROP® Folding Propellers**

### **Efficient Power:**

The innovative designs ensure optimal propulsion and performance, even in harsh conditions.

### **Excellent Reverse:**

The ability to go in reverse quickly and safely without unwanted vibrations or noise.

### **Ultra-Smooth Operation:**

Reduced vibration and noise thanks to carefully designed blades.

### **Low Resistance:**

The feathering position ensures minimal resistance when the propeller is not in use.

### **Externally Adjustable Pitch:**

The pitch can be easily adjusted without removing the propeller, ideal for various sailing conditions.

### **One-Piece Installation:**

Can be easily installed underwater without needing to haul out.



MAX PROP®  
**BOOMERANG**



MAX PROP®  
**EASY**



MAX PROP®  
**WHISPER**



## Sail drive propeller 2 blads LH

<b>Rotation direction</b>	<b>Left hand</b>
<b>Material</b>	<b>Aluminum</b>
<b>Number of prop blades</b>	<b>2</b>

Item no.	Description	Ø (mm)
SD21408	Propeller AL 2 blade-14"x8"-LH-Saildrive-aluminium	356
SD21409	Propeller AL 2 blade-14"x9"-LH-Saildrive-aluminium	356
SD21412	Propeller AL 2 blade-14"x12"-LH-Saildrive-aluminium	356
SD21509	Propeller AL 2 blade-15"x9"-LH-Saildrive-aluminium	381
SD21510	Propeller AL 2 blade-15"x10"-LH-Saildrive-aluminium	381
SD21513	Propeller AL 2 blade-15"x13"-LH-Saildrive-aluminium	381
SD21609	Propeller AL 2 blade-16"x9"-LH-Saildrive-aluminium	406
SD21610	Propeller AL 2 blade-16"x10"-LH-Saildrive-aluminium	406
SD21712	Propeller AL 2 blade-17"x12"-LH-Saildrive-aluminium	432
SD21715	Propeller AL 2 blade-17"x15"-LH-Saildrive-aluminium	432
SD21810	Propeller AL 2 blade-18"x10"-LH-Saildrive-aluminium	457
SD21811	Propeller AL 2 blade-18"x11"-LH-Saildrive-aluminium	457
SD21813	Propeller AL 2 blade-18"x13"-LH-Saildrive-aluminium	457



## Sail drive propeller 3 blads LH

<b>Rotation direction</b>	<b>Left hand</b>
<b>Material</b>	<b>Aluminum</b>
<b>Number of prop blades</b>	<b>3</b>

Item no.	Description	Ø (mm)
SD31309	Propeller AL 3 blade-13"x9"-LH-Saildrive-aluminium	330
SD31409	Propeller AL 3 blade-14"x9"-LH-Saildrive-aluminium	356
SD31610	Propeller AL 3 blade-16"x10"-LH-Saildrive-aluminium	406
SD31712	Propeller AL 3 blade-17"x12"-LH-Saildrive-aluminium	432
SD31716	Propeller AL 3 blade-17"x16"-LH-Saildrive-aluminium	432

## Michigan Wheel Sail Drive Propeller 2 Blades LH

**Rotation direction** Left hand  
**Material** Aluminum  
**Number of prop blades** 2



Item no.	Description	Ø (mm)
SD21410	Michigan Wheel Propeller MW 2 blade-14"x10"-LH-Saildrive-Alu	356
SD21411	Michigan Wheel Propeller MW 2 blade-14"x11"-LH-Saildrive-Alu	356
SD21511	Michigan Wheel Propeller MW 2 blade-15"x11"-LH-Saildrive-Alu	381
SD21512	Michigan Wheel Propeller MW 2 blade-15"x12"-LH-Saildrive-Alu	381
SD21611	Michigan Wheel Propeller MW 2 blade-16"x11"-LH-Saildrive-Alu	406
SD21612	Michigan Wheel Propeller MW 2 blade-16"x12"-LH-Saildrive-Alu	406
SD21613	Michigan Wheel Propeller MW 2 blade-16"x13"-LH-Saildrive-Alu	406
SD21713	Michigan Wheel Propeller MW 2 blade-17"x13"-LH-Saildrive-Alu	432
SD21714	Michigan Wheel Propeller MW 2 blade-17"x14"-LH-Saildrive-Alu	432
SD21814	Michigan Wheel Propeller MW 2 blade-18"x14"-LH-Saildrive-Alu	457
SD21815	Michigan Wheel Propeller MW 2 blade-18"x15"-LH-Saildrive-Alu	457





## Michigan Wheel Sail Drive Propeller 3 Blades LH

**Rotation direction** Left hand  
**Material** Aluminum  
**Number of prop blades** 3

Item no.	Description	Ø (mm)
SD31410	Michigan Wheel Propeller MW 3 blade-14"x10"-LH-Saildrive-Alu	356
SD31411	Michigan Wheel Propeller MW 3 blade-14"x11"-LH-Saildrive-Alu	356
SD31412	Michigan Wheel Propeller MW 3 blade-14"x12"-LH-Saildrive-Alu	356
SD31511	Michigan Wheel Propeller MW 3 blade-15"x11"-LH-Saildrive-Alu	381
SD31512	Michigan Wheel Propeller MW 3 blade-15"x12"-LH-Saildrive-Alu	381
SD31513	Michigan Wheel Propeller MW 3 blade-15"x13"-LH-Saildrive-Alu	381
SD31611	Michigan Wheel Propeller MW 3 blade-16"x11"-LH-Saildrive-Alu	406
SD31612	Michigan Wheel Propeller MW 3 blade-16"x12"-LH-Saildrive-Alu	406
SD31613	Michigan Wheel Propeller MW 3 blade-16"x13"-LH-Saildrive-Alu	406
SD31614	Michigan Wheel Propeller MW 3 blade-16"x14"-LH-Saildrive-Alu	406
SD31713	Michigan Wheel Propeller MW 3 blade-17"x13"-LH-Saildrive-Alu	432
SD31714	Michigan Wheel Propeller MW 3 blade-17"x14"-LH-Saildrive-Alu	432
SD31715	Michigan Wheel Propeller MW 3 blade-17"x15"-LH-Saildrive-Alu	432
SD31814	Michigan Wheel Propeller MW 3 blade-18"x14"-LH-Saildrive-Alu	457
SD31815	Michigan Wheel Propeller MW 3 blade-18"x15"-LH-Saildrive-Alu	457
SD31816	Michigan Wheel Propeller MW 3 blade-18"x16"-LH-Saildrive-Alu	457



## Michigan Wheel Sail Drive Propeller RH

**Rotation direction** Right hand  
**Material** Aluminum  
**Number of prop blades** 3

Item no.	Description	Ø (mm)
SD31408R	Propeller AL 3 blade-14"x8"-RH-Saildrive-aluminium	356
SD31409R	Propeller AL 3 blade-14"x9"-RH-Saildrive-aluminium	356
SD31410R	Propeller AL 3 blade-14"x10"-RH-Saildrive-aluminium	356
SD31411R	Propeller AL 3 blade-14"x11"-RH-Saildrive-aluminium	356

## MGDuff propeller Anode Zinc

Item no.	Description
CMMP63RZ	MgDuff multifit anode zinc for Max Prop hub ø63mm
CMMP70RZ	MgDuff multifit anode zinc for Max Prop hub ø70mm
CMMP83RZ	MgDuff multifit anode zinc for Max Prop hub ø83mm



## Hollex propeller Anode Zinc

Item no.	Description
786000	Hollex anode zinc shaft 3 blade Flexofold
90970	Hollex anode zinc Shaft Max Prop ▲ ø70mm
90992	Hollex anode zinc Shaft Max Prop ▲ ø83mm



## Loose Parts

Item no.	Description
786001	Flexofold disc anode set for Flexofold SD ø32mm/set of 2



## Hollex Propeller Puller

Material	Steel
Item no.	Description
952500	Hollex propeller puller shaft ø25mm
953000	Hollex propeller extractor shaft ø30mm
953500	Hollex propeller extractor shaft ø35mm
954000	Hollex propeller extractor shaft ø40mm
954500	Hollex propeller extractor shaft ø45mm
955000	Hollex propeller extractor shaft ø50mm
956000	Hollex propeller extractor shaft ø60mm





## MaxProp Easy Propeller Puller

**Material** Nickel Aluminum Bronze (Ni.Al.Br.)

Item no.	Description
7810085	Max Prop Easy 85 propeller extractor
7810090	Max Prop Easy 90 propeller extractor
7810101	Max Prop Easy 101 propeller extractor
7810111	Max Prop Easy 111 propeller extractor

# Outboard Propellers



## Apollo Series Propellers

Apollo XHS Series of outboard propellers combine the strength and durability of highly polished stainless steel with CAD designed blade geometry to create a premium high-performance propeller that's the best value on the water. Available in 3-blade, 3-blade large diameter, and 4-blade configurations, Apollo propellers are designed to improve hole shot, making them ideal for heavier loads and pulling/towing in water sports.



### **Apollo® Standard 3-Blade**

Experience the power and precision of the Apollo® Standard 3-Blade propeller. These high-polished stainless steel propellers are designed for optimal performance and use Michigan Wheel's XHS® / XHS II® hub system, interchangeable with Mercury's Flo-Torq® II hub system. Ideal for boats with engines in the 30-70 HP range, V4 outboards, and V6/V8 OB/SD, they offer a variety of pitch and rotation options.

- **30-70 HP** (12" - 15" pitch; Right-Hand rotation)
- **V4 Outboard** (15" - 21" pitch; Right-Hand & Left-Hand rotation)
- **V6/V8 OB/SD** (15" - 23" pitch; Right-Hand & Left-Hand rotation)

**Recommended Applications:** Inflatables, Aluminum Consoles, Bass Boats, Flats Boats, Sport Boat Singles, Sport Boat Duals.

### **Apollo® Large Diameter 3-Blade**

For heavier applications requiring increased blade area, the Apollo® Large Diameter 3-Blade is the perfect choice. These propellers feature high-performance blade geometry designed with CAD technology and are suited for V6/V8 OB/SD engines with 17" - 23" pitch, available in both Right-Hand and Left-Hand rotation.

**Recommended Applications:** Bay Boats, Offshore Singles & Duals, Sport Boat Singles & Duals, Pontoons, Family Cruisers, Workboats, Houseboats.

### **Apollo® 4-Blade**

When you need improved hole shot and enhanced towing capabilities for water sports, the Apollo® 4-Blade propeller is designed to deliver. With high-performance blade geometry and a high-luster finish, these propellers offer optimal performance for a wide range of boats. Compatible with Michigan Wheel's XHS® / XHS II® hub system and interchangeable with Mercury's Flo-Torq® II hub system, they are perfect for V6/V8 OB/SD engines with 16" - 22" pitch in both Right-Hand and Left-Hand rotation.

**Recommended Applications:** Aluminum Consoles, Bay Boats, Walleye Boats, Offshore Singles & Duals, Sportboat Singles & Duals, Skiboats.

## Ballistic Series Propellers

Ballistic Series stainless steel outboard propellers offer the characteristics of racing style propellers at an affordable price for the performance-minded recreational boater. Available in 3-blade, 3-blade XL, and 4-blade configurations, Ballistic propellers feature tapered leading edges to reduce drag, highly cambered blade sections for higher speed and better bow lift, and power tips for peak efficiency.



### Experience Unmatched Efficiency with Ballistic® Propellers

Elevate your boating experience with Ballistic® propellers, engineered for high performance and peak efficiency. Crafted from premium stainless steel, Ballistic® propellers feature the innovative Power Tip design, which combines with cambered blade sections to reduce cavitation, improve bite, and deliver optimal bow lift. Designed for performance-minded boaters, these propellers offer racing-style characteristics and are interchangeable with Mercury's Flo-Torq® II hub system.

#### Key Features of Ballistic® Propellers

**Power Tip Design:** This unique blade tip and cup configuration ensures a better grip on the water, reducing power losses caused by cavitation, and delivering enhanced performance.

**Tapered Leading Edges:** Designed to minimize drag and maximize speed, ensuring smoother acceleration and top-end performance.

**High Camber Blades Provide improved bow lift,** contributing to higher speeds and a more dynamic boating experience.

**Optimized Blade Strength:** The balance between blade thickness and strength ensures durability while maintaining high performance.

**Interchangeable with XHS® / XHS II® Hub System:** Compatible with Michigan Wheel's XHS® / XHS II® hub system and Mercury's Flo-Torq® II, offering flexibility for a wide range of boats.

**Available in Stainless Steel:** Both Right-Hand and Left-Hand rotation options for various applications.

#### Recommended Boat Applications

Ballistic® propellers are designed for a wide variety of boating applications, catering to those who demand high performance and reliability:

- Bass Boats
- Bay Boats
- Flats Boats
- Pontoons
- Sport Boat Singles & Duals
- Ski boats

*(see our webshop <https://shop.exalto.com> for the complete assortment)*

## Vortex Series Propellers

Vortex Series aluminum outboard propellers are the #1 recreational boater's choice for a high-performance upgrade, replacement, or spare propeller.

Vortex 3-blade and 4-blade propellers are durable, precision balanced, and high gloss powder coated for peak handling and acceleration.



### Vortex® 3-Blade

The Vortex® 3-Blade propeller is designed for performance and versatility, making it a great choice for a wide range of boats. With pitch options for 20-70 HP, V4 Outboards, and V6/V8 OB/SD, this propeller is perfect for applications from inflatables to family cruisers.

- 20-70 HP (9" - 17" pitch; Right-Hand rotation)
- V4 Outboard (10" - 21" pitch; Right-Hand rotation)
- V6/V8 OB/SD (15" - 23" pitch; Right-Hand rotation)

#### **Recommended Applications:**

Inflatables, Aluminum Consoles, Walleye Boats, Offshore Singles, Pontoons, Skiboats, Family Cruisers.

### Vortex® 4-Blade

If you're looking for quicker planing, improved handling, and enhanced acceleration, the Vortex® 4-Blade propeller is your solution. This propeller is perfect for towing water skiers, tubers, knee and wakeboarders, providing greater control and performance.

With Right-Hand rotation and pitch options for 20-70 HP, V4 Outboards, and V6/V8 OB/SD, this propeller meets a wide variety of boating needs.

- 20-70 HP (8" - 10" pitch; Right-Hand rotation)
- V4 Outboard (11" - 19" pitch; Right-Hand rotation)
- V6/V8 OB/SD (16", 18", 20" pitch; Right-Hand rotation)

#### **Recommended Applications:**

Inflatables, Aluminum Consoles, Walleye Boats, Offshore Singles, Pontoons, Skiboats, Family Cruisers.

## Match Series Propellers

Michigan Match aluminum 3-blade replacement outboard propellers offer high performance at a low price, making them an ideal primary or spare propeller for the recreational boater. Their naval brass spindle with rubber cushioned hub absorbs impact, and high gloss powder coated for peak handling and acceleration.



### Introducing Michigan Match® propellers

the perfect blend of quality, performance, and value. Designed to provide a reliable replacement or spare propeller at a fraction of the cost of engine manufacturer propellers, Michigan Match® propellers are your ideal choice for high performance without breaking the bank.

### Key Features of Michigan Match® Propellers

#### Naval Brass Spindle:

Each Michigan Match® propeller features a sturdy brass spindle with a rubber-cushioned hub, designed to absorb impact and stress caused by shifting gears.

#### Impact Protection:

The rubber bushing is engineered to spin free under significant impact, reducing the risk of lower unit damage and prolonging the life of your engine.

#### Improved Powder Coating:

This durable finish provides better resistance against corrosion and wear, ensuring a longer lifespan for your propeller.

#### Beefier Bushing:

For enhanced durability and longevity, Michigan Match® propellers are built with stronger bushings, ideal for repeated use.

#### Available in Aluminum:

A lightweight and cost-effective option for a wide variety of boating applications.

### Recommended Boat Applications

Michigan Match® propellers are versatile and suitable for a broad range of boats. Whether you're looking for a primary propeller or a budget-friendly spare, these propellers deliver the performance and reliability you need.

#### *Recommended Applications:*

Inflatables, Aluminum Consoles, Walleye Boats, Offshore Singles  
Pontoons, Skiboats, Family Cruisers, Workboats, Houseboats





## Hub kits

Item no.	Description
MW-111	Michigan Wheel hub kit XHS for Evinrude/Johnson 40-70 HP
MW-226	Michigan Wheel hub kit Suzuki/Johnson 140 HP 4-Stroke
MW-225	Michigan Wheel hub kit Suzuki/Johnson 90-115 HP 4-Stroke
MW-210	Michigan Wheel hub kit Suzuki 60-140 HP
MW-209	Michigan Wheel hub kit Nissan/Tohatsu 90-140 HP
MW-208	Michigan Wheel hub kit Yamaha 50-100 HP
MW-207	Michigan Wheel hub kit Honda 115-225 HP 1999+
MW-206	Michigan Wheel hub kit Evinrude/Johnson/OMC V4 1968+
MW-205	Michigan Wheel hub kit Volvo SX (19 Spline) 1995+
MW-204	Michigan Wheel hub kit Suzuki 150-300 HP
MW-203	Michigan Wheel hub kit Yamaha 115-130 HP 1984+
MW-202	Michigan Wheel hub kit Mercury/Mercruiser/Mariner/force/Honda/Yamaha
MW-201	Michigan Wheel hub kit Evinrude/Johnson/OMC V6/V8 1984-1990
MW-227	Michigan Wheel hub kit Suzuki 70/80/90 HP 4-Stroke 2009+
MW-200	Michigan Wheel hub kit Evinrude/Johnson/OMC V6/V8 1991+
MW-123	Michigan Wheel hub kit XHS for Yamaha 20-30 HP
MW-122	Michigan Wheel hub kit XHS for Nissan/Tohatsu 25-30 HP
MW-121	Michigan Wheel hub kit XHS for Suzuki 25-30 HP
MW-120	Michigan Wheel hub kit XHS for Mercury 18-25 HP
MW-119	Michigan Wheel hub kit XHS for Honda 20-30 HP
MW-118	Michigan Wheel hub kit XHS for Evinrude/Johnson 20-35 HP
MW-117	Michigan Wheel hub kit XHS for Yamaha 40-60 HP
MW-116	Michigan Wheel hub kit XHS for Nissan/Tohatsu 35-50 HP
MW-115	Michigan Wheel hub kit XHS for Suzuki 30-70 HP
MW-114	Michigan Wheel hub kit XHS for Mercury 30-70 HP
MW-113	Michigan Wheel hub kit XHS for Honda 35-50 HP
MW-112	Michigan Wheel hub kit XHS for Nissan/Tohatsu 50-70 HP
MW-124	Michigan Wheel hub kit 225 4-Stroke EFI Mercury/Yamaha/Honda
MW-228	Michigan Wheel hub kit Evinrude E-TEC G2

# Wipers



**Exalto**  
WIPER TECHNOLOGIES

EXALTO WIPER SYSTEMS

**Durable and high  
quality wipers**



[exaltowipers.com](http://exaltowipers.com)

**CLEARLY  
THE BEST**

## Exalto Wiper Technologies

**Exalto produces the world’s best professional marine wiper systems for all kind of vessels in the commercial and leisure sectors. Our wipers are designed for use in all marine environments.**

We offer a wide range of high performance motors, innovative arms, durable blades, controls and washing systems. In this way Exalto can compile a complete wiper system that fulfils the specific demands and wishes of the customer. Exalto wipers have stainless steel shafts and fixings. The drive shafts run in selflubricating brass bearings to ensure many hours of trouble-free performance. The wipers feature two speeds, self parking and offer in combination with one of our many control systems intermittent speeds, smart wipe/wash function and on certain system synchronized wiping.




All MD and HD wiper arms and blades are manufactured from SS316 (unless stated otherwise). Exalto Wiper Systems are made of high quality materials to assure many years of reliable work. The wiper systems are designed

in our own Research and Development Centre and have undergone intensive testing. Exalto offers complete systems. A typical wiper systems contains the following components:

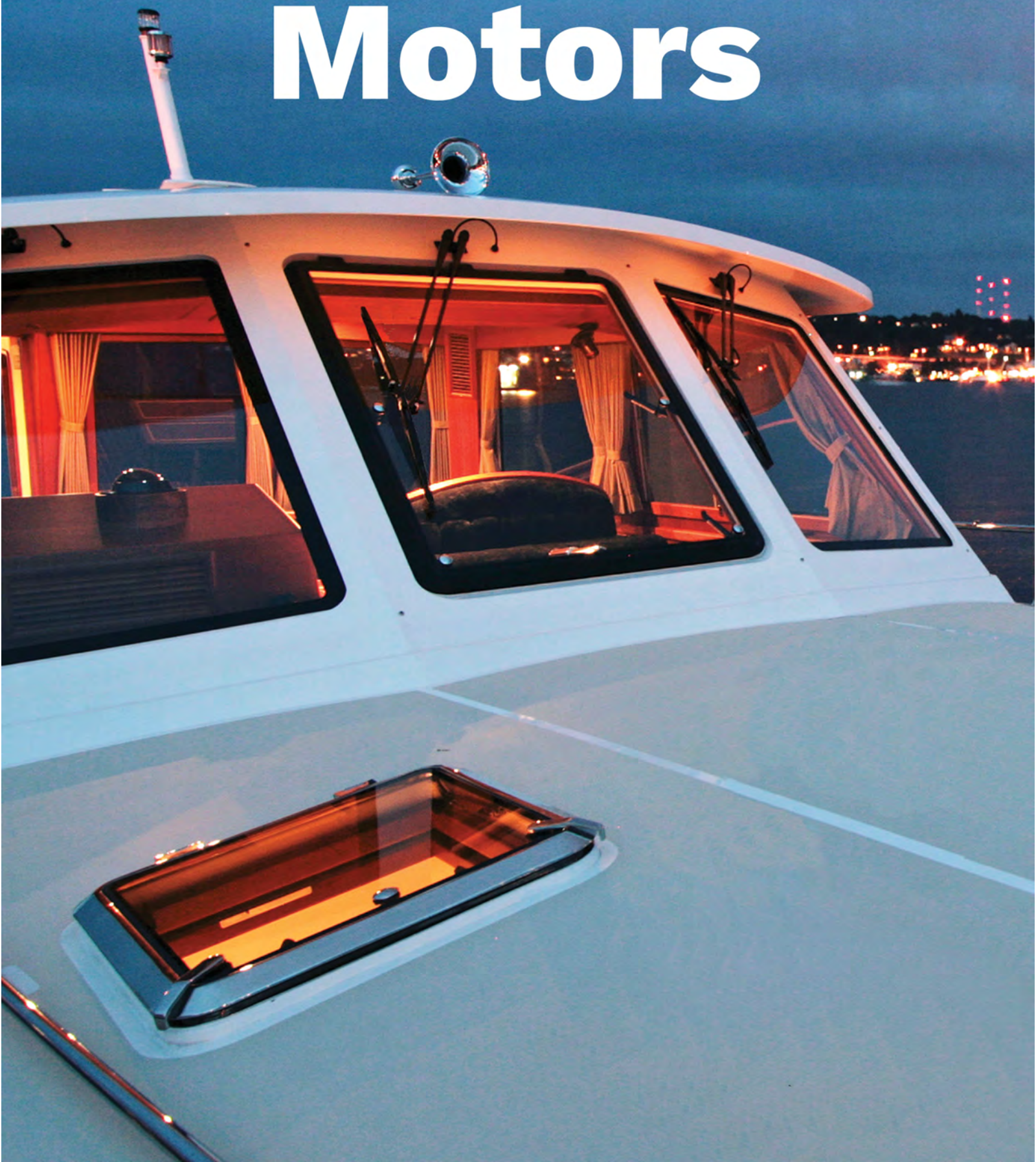
- **Wiper motors**
- **Wiper arms**
- **Wiper blades**
- **Wiper controls**
- **Washing systems**

The size and shape of the glass that has to be wiped determine which motor, arm and blade are needed. The larger the wiping area, the larger the arms and blades have to be to cover that area. The larger the arms and blades are, the stronger the motor has to be. Therefore we divided our products in sections: large windows (1100-2500 mm in height), medium and small sized windows (till 1100 mm in height).

## Exalto Wiper Systems

Window height					
	Between 1100-2500 mm		Up to 1600 mm	Up to 1100 mm	
	HD2	HD1	MD2	MD1	LD
Nm range	85-120	55	40	23-32	15
Motor series	2120 285	255	240	223 230 232	215
Arms series	HD2 (P12)	HD1 (P10)	MD2 (PF)	MD1	LD

# Wiper Motors





## Wiper Motor LD - 215BD

This self-parking windshield wiper motor is suitable for both glass and bulkhead mounting. The 215BD is a single-driven wiper motor. The motor can easily be adapted for parallel operation using the connection kit included with the parallel arm. The windshield wiper motor is equipped with a fully waterproof housing, rated waterproof up to IP66, making the 215BD ideal for use on a flying bridge or in an open cockpit.

<b>Arm type</b>	<b>LD</b>
<b>Thread metric</b>	<b>M16x1</b>
<b>Maximum arm length (mm)</b>	<b>600</b>
<b>Maximum blade length (mm)</b>	<b>600</b>
<b>Power in watts</b>	<b>15</b>

Item no.	Description
2151225IER	EWT wiper 215 BD 12V 25mm shaft-insulated earth
2151225IER.B	EWT wiper 215 BD 12V 25mm shaft-black-insulated earth
2151250IER	EWT wiper 215 BD 12V 50mm shaft-insulated earth
2151250IER.B	EWT wiper 215 BD 12V 50mm shaft-black-insulated earth
2151275IER	EWT wiper 215 BD 12V 75mm shaft-insulated earth
2151275IER.B	EWT wiper 215 BD 12V 75mm shaft-black-insulated earth
2152425IER	EWT wiper 215 BD 24V 25mm shaft-insulated earth
2152425IER.B	EWT wiper 215 BD 24V 25mm shaft-black-insulated earth
2152450IER	EWT wiper 215 BD 24V 50mm shaft-insulated earth
2152450IER.B	EWT wiper 215 BD 24V 50mm shaft-black-insulated earth
2152475IER	EWT wiper 215 BD 24V 75mm shaft-insulated earth
2152475IER.B	EWT wiper 215 BD 24V 75mm shaft-black-insulated earth



## Wiper Motor HD1 - 255BS

<b>Arm type</b>	<b>HD1 P10</b>
<b>Thread metric</b>	<b>M27x1.5</b>
<b>High speed (rpm)</b>	<b>60</b>
<b>Low speed (rpm)</b>	<b>38</b>
<b>Maximum arm length (mm)</b>	<b>1000</b>
<b>Maximum blade length (mm)</b>	<b>1200</b>
<b>Support shaft</b>	<b>No</b>

Item no.	Description
212455.35	EWT wiper 255BS 24V..° 55Nm bulkhead 35mm
212455.65	EWT wiper 255BS 24V ..° 55Nm bulkhead 65mm

## Wiper Motor HD2 - 285BS

<b>Arm type</b>	<b>HD2 P12</b>
<b>Thread metric</b>	<b>M27x1.5</b>
<b>Driven shafts</b>	<b>2</b>
<b>Maximum arm length (mm)</b>	<b>1500</b>
<b>Maximum blade length (mm)</b>	<b>150</b>
<b>Power in watts</b>	<b>85</b>
<b>Support shaft</b>	<b>No</b>



Item no.	Description
2178.085	EWT wiper 285BS compact 24V ..° 85Nm bulkhead 25mm
2178.085-40	EWT wiper 285BS compact 24V 40° 85Nm bulkhead 25mm
2178.085-45	EWT wiper 285BS compact 24V 45° 85Nm bulkhead 25mm
2178.085-50	EWT wiper 285BS compact 24V 50° 85Nm bulkhead 25mm
2178.085-55	EWT wiper 285BS compact 24V 55° 85Nm bulkhead 25mm
2178.085-60	EWT wiper 285BS compact 24V 60° 85Nm bulkhead 25mm
2178.085-65	EWT wiper 285BS compact 24V 65° 85Nm bulkhead 25mm
2178.085-70	EWT wiper 285BS compact 24V 70° 85Nm bulkhead 25mm
2178.085-75	EWT wiper 285BS compact 24V 75° 85Nm bulkhead 25mm
2178.085-80	EWT wiper 285BS compact 24V 80° 85Nm bulkhead 25mm
2178.085-85	EWT wiper 285BS compact 24V 85° 85Nm bulkhead 25mm
2178.085-90	EWT wiper 285BS compact 24V 90° 85Nm bulkhead 25mm

## Torque wiper KW2

<b>Arm type</b>	<b>KW - E</b>
<b>Driven shafts</b>	<b>2</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>750</b>
<b>Support shaft</b>	<b>No</b>



Item no.	Description
XA2123.02012	EWT linkage wiper KW2 12V 23Nm bulkhead 20mm
XA2123.02024	EWT linkage wiper KW2 24V 25Nm bulkhead 20mm
XA2123.03524	EWT linkage wiper KW2 24V 25Nm bulkhead 35mm
XA2123.05524	EWT linkage wiper KW2 24V 25Nm bulkhead 55mm
XA2123.07524	EWT linkage wiper KW2 24V 23Nm bulkhead 75mm
XA2123.12524	EWT linkage wiper KW2 24V 25Nm bulkhead 125mm



## Torque wiper KW3

<b>Arm type</b>	<b>KW - E</b>
<b>Driven shafts</b>	<b>3</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>750</b>
<b>Support shaft</b>	<b>No</b>

Item no.	Description
2150.02024	EWT linkage wiper KW3 24V 50Nm bulkhead 20mm
2150.03524	EWT linkage wiper KW3 24V 50Nm bulkhead 35mm
2150.05524	EWT linkage wiper KW3 24V 50Nm bulkhead 55mm
2150.07524	EWT linkage wiper KW3 24V 50Nm bulkhead 75mm



## Wiper Motor MD1 - 223BDO

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>750</b>
<b>Power in watts</b>	<b>36</b>

Item no.	Description
XA2165.30	EWT wiper 223BD 12V ..° 23Nm bulkhead 20mm
XA2165.32	EWT wiper 223BD 12V ..° 23Nm bulkhead 35mm
XA2165.35	EWT wiper 223BD 12V ..° 23Nm bulkhead 55mm
XA2165.40	EWT wiper 223BD 12V ..° 23Nm bulkhead 75mm
XA2166.30	EWT wiper 223BD 24V ..° 25Nm bulkhead 20mm
XA2166.32	EWT wiper 223BD 24V ..° 25Nm bulkhead 35mm
XA2166.35	EWT wiper 223BD 24V ..° 25Nm bulkhead 20mm
XA2166.40	EWT wiper 223BD 24V ..° 25Nm bulkhead 75mm
XA2166.45	EWT wiper 223BD 24V ..° 25Nm bulkhead 100mm
XA2166.50	EWT wiper 223BD 24V ..° 25Nm bulkhead 125mm



## Wiper Motor MD1 - 223BDS

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>750</b>
<b>Power in watts</b>	<b>36</b>
<b>Support shaft</b>	<b>No</b>



Item no.	Description
XA2165.30S	EWT wiper 223BDS 12V ..° 23Nm bulkhead 20mm single
XA2165.32S	EWT wiper 223BDS 12V ..° 23Nm bulkhead 35 single
XA2166.30S	EWT wiper 223BDS 24V ..° 25Nm bulkhead 20 single
XA2166.32S	EWT wiper 223BDS 24V ..° 25Nm bulkhead 35mm single
XA2166.35S	EWT wiper 223BDS 24V ..° 25Nm bulkhead 55mm single
XA2166.40S	EWT wiper 223BDS 24V ..° 25Nm bulkhead 75 single
XA2166.50S	EWT wiper 223BDS 24V ..° 25Nm bulkhead 125mm single

## Wiper Motor MD1 - 223BDT

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>750</b>
<b>Power in watts</b>	<b>36</b>
<b>Support shaft</b>	<b>Yes</b>

Item no.	Description
XA2165.30T	EWT wiper 223BDT 12V ..° 23Nm bulkhead 20mm
XA2165.32T	EWT wiper 223BDT 12V ..° 23Nm bulkhead 35mm
XA2165.35T	EWT wiper 223BDT 12V ..° 23Nm bulkhead 55mm
XA2166.30T	EWT wiper 223BDT 24V ..°25Nm bulkhead 20mm
XA2166.32T	EWT wiper 223BDT 24V ..° 25Nm bulkhead 35mm
XA2166.35T	EWT wiper 223BDT 24V ..° 25Nm bulkhead 55mm
XA2166.40T	EWT wiper 223BDT 24V ..° 25Nm bulkhead 75mm



## Wiper Motor MD1 - 223BS

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>750</b>
<b>Power in watts</b>	<b>36</b>

Item no.	Description
XA2167.30	EWT wiper 223BS 12V ..° 23Nm bulkhead 20mm
XA2167.32	EWT wiper 223BS 12V ..° 23Nm bulkhead 35mm
XA2167.35	EWT wiper 223BS 12V ..° 23Nm bulkhead 55mm
XA2167.40	EWT wiper 223BS 12V ..° 23Nm bulkhead 75mm
XA2168.30	EWT wiper 223BS 24V ..° 25Nm bulkhead 20mm
XA2168.32	EWT wiper 223BS 24V ..° 25Nm bulkhead 35mm
XA2168.35	EWT wiper 223BS 24V ..° 25Nm bulkhead 55mm
XA2168.40	EWT wiper 223BS 24V ..° 25Nm bulkhead 75mm
XA2168.45	EWT wiper 223BS 24V ..° 25Nm bulkhead 100mm
XA2168.50T	EWT wiper 223BS 24V ..° 25Nm bulkhead 125mm

## Wiper Motor MD1 - 223BST

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Power in watts</b>	<b>36</b>
<b>Support shaft</b>	<b>Yes</b>

Item no.	Description
XA2167.30T	EWT wiper 223BST 12V ..° 23Nm bulkhead 20mm
XA2167.32T	EWT wiper 223BST 12V ..° 23Nm bulkhead 35mm
XA2168.30T	EWT wiper 223BST 24V ..° 25Nm bulkhead 20mm
XA2168.35T	EWT wiper 223BST 24V ..° 25Nm bulkhead 55mm



## Wiper Motor MD1 - 230XP2

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>750</b>
<b>Maximum blade length (mm)</b>	<b>800</b>
<b>Power in watts</b>	<b>36</b>
<b>Support shaft</b>	<b>Yes</b>

Item no.	Description
212430.25	EWT wiper XP2 24V 30Nm bulkhead 25mm
212430.50	EWT wiper XP2 24V 30Nm bulkhead 50mm

## Wiper Motor MD1 - 232BD

Arm type	MD1 PENDULUM
Thread metric	M20x1
High speed (rpm)	56
Low speed (rpm)	38
Maximum arm length (mm)	750
Support shaft	Yes



Item no.	Description
2157.30	EWT wiper 232BD 12V ..° 32Nm bulkhead 20mm
2157.32	EWT wiper 232BD 12V ..° 32Nm bulkhead 35mm
2157.35	EWT wiper 232BD 12V ..° 32Nm bulkhead 55mm
2157.40	EWT wiper 232BD 12V ..° 32Nm bulkhead 75mm
2158.30	EWT wiper 232BD 24V ..° 32Nm bulkhead 20mm
2158.32	EWT wiper 232BD 24V ..° 32Nm bulkhead 20mm
2158.35	EWT wiper 232BD 24V ..° 32Nm bulkhead 55mm
2158.40	EWT wiper 232BD 24V ..° 32Nm bulkhead 75mm
2158.45	EWT wiper 232BD 24V ..° 32Nm bulkhead 100mm
2158.50	EWT wiper 232BD 24V ..° 32Nm bulkhead 125mm

## Wiper Motor MD1 - 233BDC

Arm type	MD1 PENDULUM
Thread metric	M20x1
Maximum arm length (mm)	750
Maximum blade length (mm)	750
Power in watts	36
Support shaft	Yes



Item no.	Description
XA2151.30	EWT wiper 223BDC 12V ..° 23Nm bulkhead 20mm
XA2151.32	EWT wiper 223BDC 12V ..° 23Nm bulkhead 35mm
XA2151.35	EWT wiper 223BDC 12V ..° 23Nm bulkhead 55mm
XA2151.40	EWT wiper 223BDC 12V ..° 23Nm bulkhead 75mm
XA2151.45	EWT wiper 223BDC 12V ..° 23Nm bulkhead 100mm
XA2152.30	EWT wiper 223BDC 24V ..° 25Nm bulkhead 20mm
XA2152.32	EWT wiper 223BDC 24V ..° 25Nm bulkhead 35mm
XA2152.35	EWT wiper 223BDC 24V ..° 25Nm bulkhead 55mm
XA2152.40	EWT wiper 223BDC 24V ..° 25Nm bulkhead 75mm
XA2152.45	EWT wiper 223BDC 24V ..° 25Nm bulkhead 100mm
XA2152.50	EWT wiper 223BDC 24V ..° 25Nm bulkhead 125mm



## Wiper Motor MD1 - 235KG

<b>Arm type</b>	<b>MD1 PENDULUM</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>Maximum arm length (mm)</b>	<b>450</b>
<b>Power in watts</b>	<b>36</b>
<b>Support shaft</b>	<b>Yes</b>

Item no.	Description
XA2123	EWT wiper 235KGC 12VH ..° 15Nm glasss 17mm
XA2124	EWT wiper 235KGC 24V ..° 25Nm glasss 17mm



## Wiper Motor MD2 - 240BS

<b>Arm type</b>	<b>MD2 PF</b>
<b>Thread metric</b>	<b>M20x1</b>
<b>High speed (rpm)</b>	<b>56</b>
<b>Low speed (rpm)</b>	<b>38</b>
<b>Maximum arm length (mm)</b>	<b>900</b>
<b>Maximum blade length (mm)</b>	<b>900</b>
<b>Support shaft</b>	<b>No</b>

Item no.	Description
211240.30	EWT wiper 240BS 12V ..° 40Nm bulkhead 30mm
212440.30	EWT wiper 240BS 24V ..° 40Nm bulkhead 30mm

# Wiperarms



## Wiper arm LD

The Exalto LD wiper arms are special for the 215BD windscreen wiper. They are available in a black-coated version and a stainless steel polished version. The single arm is also available with an adjustable clip; This allows you to park the blade along the edge of the window.

The parallel arms are available with 1 and 2 springs and the support shaft is supplied as standard.

Item no.	Description
2107	EWT I.M.W. wiperarm single
21581618P	EWT pantograph arm adjustable 330-450mm Twin Spring polished
21581618	EWT pantograph arm adjustable 330-450mm Twin Spring
21581324P	EWT pantograph arm adjustable 450-600mm polished
21581324	EWT pantograph arm adjustable 450-600mm AISI304
21581318P	EWT pantograph arm adjustable 330-450mm polished
21581318	EWT pantograph arm adjustable 330-450mm AISI304
21581224P	EWT single wiperarm 450-600mm polished adjustable clip
21581224	EWT single wiperarm 450-600mm AISI304 adjustable clip
21581218P	EWT single wiperarm 330-450mm polished adjustable clip
21581218	EWT single wiperarm 330-450mm AISI304 adjustable clip
21581124P	EWT single wiperarm 450-600mm polished
21581124	EWT single wiperarm 450-600mm AISI304
21581118P	EWT single wiperarm 330-450mm polished
21581118	EWT single wiperarm 330-450mm AISI304
2108	EWT pantograph arm adjustable 550-620mm
21581624	EWT pantograph arm adjustable 450-600mm Twin Spring
21581624P	EWT pantograph arm adjustable 450-600mm Twin Spring polished

## Wiper arm HD1

Item no.	Description
2142.B	EWT pantograph arm model P10 for blade from 900mm
2142.BAS	EWT pantograph arm 750-1000mm adjustable pressure
2142.BP	EWT pantograph arm model P10 polished for blade from 900mm
2142.S	EWT pantograph arm 750-1000 mm f.blade <=800
2142.SAS	EWT pantograph arm with adjustable pressure

## Wiper arm HD2

The P12 arm is specially designed for the 280BS wiper. The Exalto P12 arm is custom-made to fit. Therefore, please always allow for a lead time. The P12 is available up to a maximum length of one and a half meters. The arm is not adjustable in length as standard. The P12 is made of stainless steel 316 and has heads made of seawater-resistant bronze. The arm is standard equipped with a black coating to prevent reflection. The Exalto P12 arms have two infinitely adjustable springs as standard to accurately adjust the pressure on the glass. The blade holder is adjustable in two directions. This allows you to ensure that the blade parks parallel to the side of the window. For the P12 arms, we recommend using Exalto H.D. blades, which you can find further in the chapter.



Item no.	Description
2144.B	EWT pantograph arm model P12 for blade from 900

## Wiper arm MD1 PU Reversed

The Exalto PU wiper arms have long been the quality standard in maritime wiper systems. They are suitable for all heavy-duty wiper systems for small and medium-sized windows up to 1100 mm. In practice, this means they are compatible with motors 235KG, 232BD, and 233BD. All PU arms are foldable away from the window (see inset in the photo). This makes it easier to mount and dismount the arms, replace wiper blades, and clean the window. Moreover, the PU arms now come standard with a spring pressure adjuster. This allows for the spring pressure of the wiper blade on the window to be infinitely increased or decreased. With the adjustable blade holder, the position of the blade can be adapted to the shape of the window. All Exalto wiper arms are made of stainless steel 316 and have seawater-resistant bronze heads. The arms are standard equipped with a black coating to prevent reflection. New in the assortment are the polished arms, so you can choose the look that best suits your vessel. The wiper arms are standard adjustable in length.



Item no.	Description
2133.R	EWT adjustable pantograph arm 270 - 450 mm reversed
2136.R	EWT adjustable pantograph arm 450 - 600 mm reversed
2139.R	EWT adjustable pantograph arm 650 - 750 mm reversed



## Wiper arm MD1 PU

The Exalto PU wiper arms have long been the quality standard in maritime wiper systems. They are suitable for all heavy-duty wiper systems for small and medium-sized windows up to 1100 mm. In practice, this means they are compatible with motors 235KG, 232BD, and 233BD. All PU arms are foldable away from the window (see inset in the photo). This makes it easier to mount and dismount the arms, replace wiper blades, and clean the window. Moreover, the PU arms now come standard with a spring pressure adjuster. This allows for the spring pressure of the wiper blade on the window to be infinitely increased or decreased. With the adjustable blade holder, the position of the blade can be adapted to the shape of the window. All Exalto wiper arms are made of stainless steel 316 and have seawater-resistant bronze heads. The arms are standard equipped with a black coating to prevent reflection. New in the assortment are the polished arms, so you can choose the look that best suits your vessel. The wiper arms are standard adjustable in length.

Item no.	Description
2133	EWT adjustable pantograph arm 270 - 450 mm
2133.01	EWT pantograph arm 270-450 mm with 2 springs
2136	EWT adjustable pantograph arm type P-4560
2136.01	EWT pantograph arm 450-600 mm with 2 springs
2136.P	EWT adjustable pantograph arm 450-600 mm polished
2139	EWT adjustable pantograph arm type P-6575
2139.01	EWT pantograph arm 650-750 mm with 2 springs
2139.P	EWT adjustable pantograph arm 650-750 mm polished



## Wiper arm KW

The E-arms are specially designed for the coupled windshield wiper system type KW. They are made of stainless steel 316 and coated in black. These single arms feature a continuously rotatable wiper blade holder.

Item no.	Description
2103	EWT adjustable single arm type S-2745
2106	EWT adjustable single arm type S-4560
2109	EWT adjustable single arm type S-6575



## Wiper arm MD2 PF

The PF arm is specially designed for the 240BS wiper. Exalto PF arms are available for standard blades up to 800 mm in length and for Exalto H.D. blades measuring 900 mm long. The arm is made of stainless steel 316 and has heads made of seawater-resistant bronze. PF arms have a fixed length and standard two fixed springs. The PF arms have a blade holder that is adjustable in two directions. This allows you to ensure that the blade parks parallel to the side of the window. The arm is standard equipped with a black coating to prevent reflection. The PF arms are also available in a polished version. The arms can be folded away from the window. This allows you to (dis)assemble the arms more easily, replace the blades easily, and clean the window without obstacles.



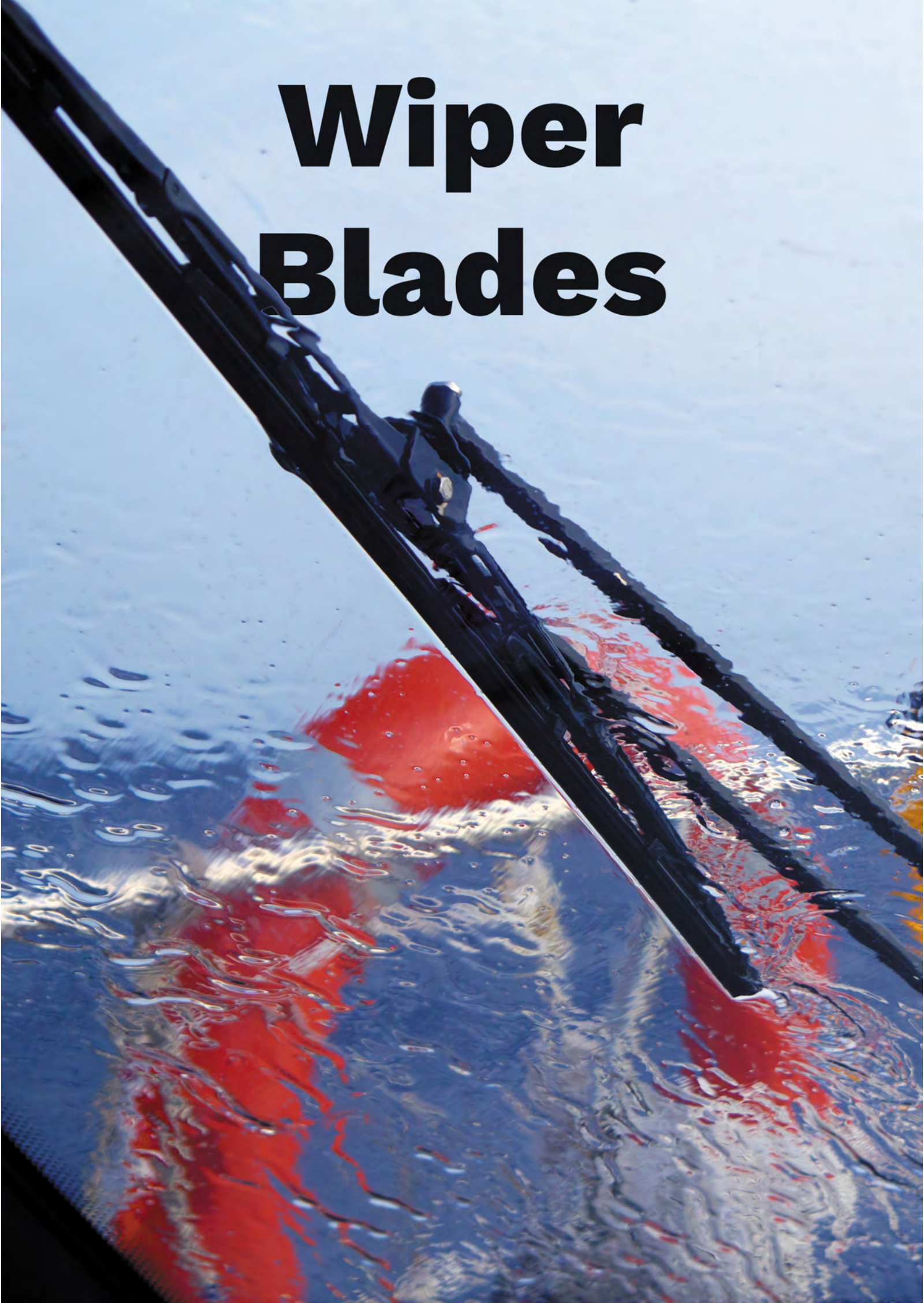
Item no.	Description
2140.750.B	EWT pantograph arm 750mm coated/wide for 240BS wiper
2140.800.B	EWT pantograph arm 800mm coated/wide for 240BS wiper
2140.800.S	EWT pantograph arm 800mm coated/small for 240BS wiper
2140.850.B	EWT pantograph arm 850mm coated/wide for 240BS wiper
2140.850.SP	EWT pantograph arm 850mm polis./small for 240BS wiper
2140.900.B	EWT pantograph arm 900mm coated/wide for 240BS wiper
2140.900.BP	EWT pantograph arm 900mm polished/wide for 240BS wiper
2140.900.S	EWT pantograph arm 900mm coated/small for 240BS wiper
2140.950.BP	EWT pantograph arm 950mm polished for 240BS wiper

## Wiper Arm Parts

Item no.	Description
2105	EWT swivel for idler arm
2105.021	EWT spring AISI heavy duty for 2133/36/39
2105.035	EWT spring AISI heavy duty for 2142 B&S
2105.036	EWT spring extension clip for 2142
2105.046	EWT protective cover for arms 2142.b/s & 2144.b
2105.048	EWT protective cover for ar+ms 2133/36/39 new model
2105.048P	EWT protective cover for polished arms
2105.975	EWT adjustable spring kit for AMA arms
2108.021	EWT spring for I.M.W. arm 2108
2108.022	EWT spring clip for I.M.W. pantograph arm 2108
2112	EWT kit for I.M.W. pantogaph arm
2113	EWT mounting plate complete for I.EWT m.W. arm stud 16mm
2133.03	EWT tubing retainer strip 190 mm for 2133
2136.03	EWT tubing retainer strip 430 mm for 2136
2139.03	EWT tubing retainer strip 480 mm for 2139



# Wiper Blades





### Wiper blade LD

Item no.	Blad L (mm)	Bridge wiper blade (mm)	Color
21582011	280	12.9	Black
21582011-SS	280	12.9	Black
21582012	300	12.9	Black
21582012-SS	300	12.9	Black
21582014	350	12.9	Black
21582014-SS	350	12.9	Black
21582016	400	12.9	Black
21582016-SS	400	12.9	Black
21582018	450	12.9	Black
21582018-SS	450	12.9	Black
21582020	500	12.9	Black
21582020-SS	500	12.9	Black
21582022	550	12.9	Black
21582022-SS	550	12.9	Black
21582024	600	12.9	Black
21582024-SS	600	12.9	Black



### Wiper blade CN

Material	Stainless steel (AISI 316)		
Item no.	Blad L (mm)	Bridge wiper blade (mm)	Color
2161000	1000	21.5	Black
2161200	1200	21.5	Black
2161300	1300	21.5	Black
2161500	1500	21.5	Black

## Wiper blade spring-loaded



Material		Stainless steel (AISI 316)	
Item no.	Blad L (mm)	Bridge wiper blade (mm)	Color
2170.HP	250	14.5	Black
2171.HP	300	14.5	Black
2172.HP	350	14.5	Black
2173.HP	400	14.5	Black
2174.HP	450	14.5	Black
2175.HP	500	14.5	Black
2176.HP	550	14.5	Black
2177.HP	600	14.5	Black
2178.HP	650	14.5	Black
2179.HP	700	14.5	Black
2195.HP	750	14.5	Black
2196.HP	800	14.5	Black

## Wiper Blade HD



Material		Stainless steel (AISI 316)	
Item no.	Blad L (mm)	Bridge wiper blade (mm)	Color
216120	610	13.5	Black
216121	650	13.5	Black
216122	700	13.5	Black
216123	750	13.5	Black
216124	800	13.5	Black
216125	850	22.5	Black
216126	900	22.5	Black
216127	950	22.5	Black
216128	1000	22.5	Black
216129.FL	1100	22.5	Black
216130.FL	1200	22.5	Black



## Wiper Blade HD Polished

Material

Stainless steel (AISI 316)

Item no.	Blad L (mm)	Bridge wiper blade (mm)	Color
216120P	610	13.5	Polished
216121P	650	13.5	Polished
216122P	700	13.5	Polished
216123P	750	13.5	Polished
216124P	800	13.5	Polished
216125P	850	22.5	Polished
216126P	900	22.5	Polished
216127P	950	22.5	Polished
216128P	1000	22.5	Polished
216130P	1200	22.5	Polished

# Wiper Controls





### Wiper control CT3EX

Item no.	Description
216324	EWT wiper panel CT3EX 12/24V single
216324.DCP	EWT wiper panel CT3EX 12/24V double



### Wiper switch CT41

Item no.	Description
210341	EWT switch 12/24V pre-wired for 1 wiper
210341J	EWT wiper switch 12/24V 6A max pre-wired for 1 wiper
210341P	EWT wiper switch 12/24V 12A max pre-wired for 1 wiper



### Wiper switch CT42

Item no.	Description
210342J	EWT wiper switch 12/24V 6A max pre-wired for 2 wipers
210342P	EWT wiper switch 12/24V 12A max pre-wired for 2 wiper
210342S	EWT switch 12/24V pre-wired for 2 wipers synchronised



### Wiper control CT4EX

Item no.	Description
210321224	EWT wiper control 12/24V for 2 wipers
210331224	EWT wiper control 12/24V for 3 wipers
210341224	EWT wiper control 12/24V for 4 wipers
210351224	EWT wiper control 12/24V for 5 wipers

## Wiper control LD

Item no.	Description
70906425.SET	EWT LD wiper switch 1 Wiper for 215BD



## Wiper control Lubase

Item no.	Description
21591812	EWT wiper control 12V (3)
21591824	EWT wiper control 24V (3)



## Exalto wiper control accessories

Item no.	Description
2100.CAVOT41M50	EWT wiring harness for CT41
2100.CAVOT42M50	EWT wiring harness for CT42
21021224.R	EWT relay box for wiper control (2)
21031224.R	EWT relay box for wiper control (3)
21041224.R	EWT relay box for wiper control (4)
210431224.OVL	EWT wiper control 12/24V (4) 3 knob overlap
21051224.R	EWT relay box for wiper control (5)
214303	EWT wiper control CT43P triple
216886	EWT bulkhead mount 6 mm grey for 216324
216887	EWT bulkhead mount 6 mm black for 216324







## Two-speed switch

These switches support two speeds and the self-parking mode of one or two wiper motors. You can activate the washer function with the push button.

Item no.	Description
2134	EWT two-speed switch 12/24V for 1 wiper
2135	EWT two-speed switch 12/24V for 2 wipers
2158	EWT combination switch 12V for 1 wiper
2159	EWT combination switch 24V for 1 wiper
2159.01	EWT switch wiper panel
2159.02	EWT knob for switch 2134/2135/2158/2159

# Windscreen Washer Installation





## Reservoir

For the washing system, you can use water from your onboard drinking water system. In that case, you will need a solenoid valve. Once this valve receives the signal from the control, it will open and allow water to flow for the wash/wipe program. If you don't have a pressurized onboard drinking water system, you can use one of the reservoirs listed below.

Item no.	Description
2100.PT0701021	EWT tank 5ltr with 1 pump 24V
2100.PT-0701080	EWT tank 1,2ltr with 1 pump 12V
2100.PT-0701081	EWT tank 1,2ltr with 1 pump 24V
2100.PT-2875	EWT tank 8ltr with pump 24V for remote filler cap
2100.PT-3014	EWT tank 5,7ltr with 1 pump 24V
2192.12V	EWT reservoir 20 ltrs with 3 pumps 12V
2192.2169	EWT rducer- connection kit for 2192
2193	EWT tank 8ltr with pump 12V
2193.CON	EWT connection kit for 2193 and 2194
2194	EWT tank 8ltr with pump 24V
2194.10	EWT reservoir 8ltr with 2 pumps 24V
PT0701042	EWT reservoir 8ltr with 2 pumps 12V
PT0701043	EWT reservoir 8ltr with 2 pumps 24V
PT0701044	EWT reservoir 8ltr with 3 pumps 12V
PT0701045	EWT reservoir 8ltr with 3 pumps 24V



## Solenoid Valves

Item no.	Description
2137	EWT solenoid valve 1/8" 12V complete
2138	EWT solenoid valve 1/8" 24V complete
2142.N	EWT solenoid valve 1/4" 12V complete
2143.N	EWT solenoid valve 1/4" 24 V complete

## Pumping

Item no.	Description
2192.010	EWT pump 24V for 2192
2193.010	EWT pump 12V for 2191 and 2193
2194.010	EWT pump 24V for 2192 and 2194
2194.020	EWT pump 24V for 5/8 ltr tank
2194.030	EWT pump 12V for 5/8 ltr tank



## Wiper Spare parts

Item no.	Description
2101	EWT cover white 223 BD/KG
2115	EWT cover black for 223 BD/KG
2115.255	EWT cover black for 255BS
2197.300	EWT external wiper enclosure for 223BD
2197.301	EWT external wiper system connector kit



## High Pressure Fittings

Item no.	Description
2118	EWT straight coupling 1/8 x6 mm
2119	EWT straight coupling 1/4 x6 mm
2128	EWT non-return valve 6x6 mm
2129	EWT elbow 6x6 mm
2130	EWT straight bulkhead connector 6 mm
2131	EWT swivelling elbow 6x6 mm
2144	EWT hose adaptor



## Low Pressure Fittings

Item no.	Description
2116	EWT straight coupling 1/8 x4x6 mm
2117	EWT straight coupling 1/4 x4x6 mm
2120	EWT straight coupling 1/4 x4x6 mm
2121.N	EWT non-return valve grey for rubber tubing
2122	EWT angled grommet for 4mm rubber tube
2122.715.N	EWT bulkhead connector 90° for 4mm tubing L=71,5mm
2150	EWT straight bulkhead coupling 4x6 mm
2153	EWT bent bulkhead connector 4x6 mm
2156	EWT T-coupling 4x6 mm tubing
2180	EWT bulkhead fitting plastic for windshieldwiper
2181	EWT bulkhead fitting AISI for windshieldwiper





## Pipe

Item no.	Description
2154.N	EWT flexible rubber tubing black 3x6mm/mtr
2157.N	EWT plastic tubing grey 4x6mm p/mtr



## Standard Spray Head

Item no.	Description
21000.326	EWT washing jet for LD wiper arms (215BD)
2110.CPL	EWT washing jet with 6 nozzles for PU model complete
2111.CPL	EWT washing jet with 6 nozzles for P10 model complete
2148.001	EWT spray jet with 1 hole for 2148/2149
2154.CLIP	EWT hose clip for 2108 en 215BD wiper arms
2161	EWT stationary spray jet
2184	EWT washing jet with 2 nozzles for PU
2185	EWT washing jet with 4 nozzles for P10/P12
2185L	EWT washing jet with 4 nozzles for P10/P12 L
2197	EWT stationary spray jet chrome



## Heated Spray Head

These spray nozzles can be mounted on the deck or hull. In most cases, the angle at which the water is sprayed onto the windshield can be adjusted manually.

Item no.	Description
2148	EWT electrical heated spray jet 24V
2149	EWT electrical heated spray jet 220 V
2149.01	EWT electrical heated spray jet 220 V bh 80mm

# Index:

<b>Anchors</b>	<b>11</b>
Anchors	11
Anchor chains	13
Anchor Connectors	14
Chain stopper	15
Bow roller	15
Anchor winches	16
Relays for anchor winches	38
Capstans	38
Controls	40
<b>Actuators</b>	<b>42</b>
Actuators	42
Actuators accessories	44
Lifting columns	45
Cables	46
Lifting columns accessoires	46
<b>Anodes</b>	<b>50</b>
Hollex anodes	50
MGDuff weld anodes	54
MGDuff anodes	55
Electrical Brush Holders	60
<b>Bow thrusters</b>	<b>64</b>
Cupa Bow thrusters	64
QS Bow thrusters	65
Max Power Bow thrusters	72
<b>Fuel tanks and accessories</b>	<b>84</b>
Fuel tanks & Jerry cans	84
Fuel hoses	85
Fuel tank accessories	85
<b>Deck fittings</b>	<b>88</b>
Bollards	88
Cleats	88
Bow cleats	90
Deck eyes	91
Rings	91
Strip	92
General deck fittings	92

# Index:

Deck fillers	93
Mooring pin	95
Fender hooks	95
Handles	96
Hinges	96
Closures	98
Ski hook	100

## **Fenders** **102**

---

Solid head Fenders	102
Anchor Fenders	104
Float Fenders	104
Cylinder fenders	105
Mega Fenders	108
Drop Fenders	109
Dumpy Fenders	111
Bow Fenders	112
Pickup Fenders	112
Ring Fenders	113
Dock Fenders	113
Stair Fenders	116
Fast Fenders	117
Mini Fenders (Keychains)	119
Accessories for fenders	120

## **Filters** **122**

---

Hollex Cooling Water filters	122
Hollex Filter Spareparts	122
Cooling Water filters	123
Filter Spareparts	125

## **Fitting material** **130**

---

Sealing caps	130
Sealing plugs	130
Gate valves	130
Ball valves	131
Knee's	134
Thru-hulls	136
Nipples	138
Bleed nipples	140
Air vents	141
Vented loop	141

# Index:

Check valves	142
Hose connectors	142
Sockets	146
T-pieces	146
Threaded ends	147
Barrel nipples	147
Reducing nipple's	148
Reducing nipples	148
Reducing bushings	148
Reducing socket	149
Rings	150
Flange nuts	150
Nuts	151
Water scoops	151
Scooped strainer	152
Deck fillers	153
<b>Horns</b>	<b>155</b>
Electric horns	155
Air horns	156
Compressors	158
Horn accessories	159
<b>Hydrophores</b>	<b>162</b>
Hydrophores	162
Accessories for Hydrophores	162
<b>Installation and connection</b>	<b>166</b>
Connector studs	166
Battery terminal covers	166
Battery terminals clamps	167
CEE plugs and sockets	168
DC outlets	168
Cable ducts	169
Cable reels	170
Cables and battery cables	172
Cable lugs	174
Cable management	181
Peripherals	188
Relay's	188
Switches	189
Switch panels	192



# Index:

Pull switch	192
Fuses	192
Fuse holders	195
<b>Instruments</b>	<b>200</b>
Zipwake Kits	200
Zipwake Interceptors	201
Zipwake Display	206
Zipwake Cables	207
Zipwake Controlbox	208
Zipwake Accessories	208
Hollex Meters	210
Hollex Tubelar float's	222
Hollex Sensors	223
Hollex Reducers	225
Veratron Meters	225
Veratron Tubelar float's	234
Veratron Sensors	238
Veratron LinkUP	238
Veratron Control box	239
VDO Sensors	239
VDO Accessories	240
<b>Adhesives and sealants</b>	<b>244</b>
Cleaners	244
Primers	244
Adhesives and sealants	245
<b>Motors</b>	<b>251</b>
Electric Outboard Motors	251
Motor Accessoires	252
<b>Motor control</b>	<b>255</b>
Mechanical engine controls	255
DS units	255
Engine and gearbox control cables	256
Accessories for cables	267
Stop systems	268
Emergency stop	269
<b>Steering Cable</b>	<b>272</b>
Steering cables	272
Steering head	278

# Index:

---

## **Outboard** **280**

Boat hooks	280
Cable entry	280
Bailer Scoops	280
Mirror protection	280

---

## **Deck and escape hatches** **283**

Escape hatches	283
Accessories	285
Spare Parts	289

---

## **Portholes and frames** **292**

Portholes	292
Accessories portholes	294
Spare parts portholes	295

---

## **Pumps** **297**

Drain pumps	297
Drainage sets	297
Spare parts for pumps	297
Accessories	297

---

## **Cleaning** **301**

Cleaning products	301
Tools	307

---

## **Hoses and pipes** **309**

Hose reels	309
Hoses	310
Hose clamps	313

---

## **Locks** **320**

Padlock's	320
Complete lock set	320
Outboard Motor Lock	321
Shore Anchor	321

---

## **Chairs** **323**

Double seats	323
Seats	323
Steering Chairs	325
Complete seats	331

# Index:

---

## Chair pedestals 336

Hollex Seat pedestals	336
Zwaardvis Seat pedestals	337
Chair carriers	338
Footrest	339
Rail systems	340
Spare parts	340

---

## Tables 344

Table tops	344
Table top carrier	345
Table base	346
Table Column	347
Spare parts	348

---

## Steering wheels 350

Steering wheels	350
Steering wheel adapters	357
Steering pin	357

---

## Tanks 359

Oil tanks	359
Multi Tanks	359
Spare parts	360

---

## Ropes and Lines 363

Anchor lines	363
Fender lines	365
Mooring lines	367
Mooring springs	378

---

## Exhaust systems 381

Expansion Pieces	381
Weld bends	382
Wet exhaust systems	382

---

## Fire safety 386

Fire extinguishers	386
Fire blanket	386
Fire protection accessories	387

---

## Ventilation 389

Ventilation hoods	389
-------------------	-----

# Index:

Air hose	391
Fans	391
<b>Lighting</b>	<b>395</b>
(Chart) reading lamps	395
Surface mounted lighting	396
Recessed lighting	402
Navigation lights	406
Work Lights	415
Deck Lights	416
Hand Spotlight	421
Underwater lighting	421
Replacement lamps	422
Accessories	426
<b>Flags</b>	<b>430</b>
Flags	430
Masts	432
Mast holder	432
Flagpoles	432
Flagpole holders	433
<b>Wash basins</b>	<b>435</b>
Single washbasins	435
Accessories for washbasins	436
<b>Swim ladders</b>	<b>438</b>
Swimming ladders	438
<b>Shaft seals</b>	<b>441</b>
Water-lubricated	441
Grease-lubricated	449
Grease and oil lubricated	450
Stopbus Packing	451
Spare parts Seal	451
Accessories	452
<b>Couplings</b>	<b>454</b>
Complete couplings	454
Flexible couplings	457
CV Joint	458
Clamping hubs	461
Adapter flange	463

# Index:

Damper plate	464
Mounting & repair kits	464
Spare parts	465
<b>Propellers</b>	<b>478</b>
Saildrive	478
Feathering screws - spare parts	481
Propeller puller	481
<b>Outboard propellers</b>	<b>488</b>
Hub kits	488
<b>Wiper motors</b>	<b>493</b>
Wiper motors	493
<b>Wiper arms</b>	<b>501</b>
Wiper arms	501
<b>Wiper blades</b>	<b>506</b>
Wiper blades	506
<b>Wiper controls</b>	<b>510</b>
Wiper controls	510
<b>Windscreen washer installation</b>	<b>514</b>
Installation	514



