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# CERTIFICATE

Issued for:

**E.G. VALLIANATOS S.P.A.**

**Location Tzavardella 133 10; PO BOX 46021  
Ano Liosia; Athens; Greece**

Management Systems Certification Bureau of Polski Rejestr Statków S.A., al. gen. Józefa Hallera 126, 80-416 Gdańsk, certifies that the Quality Management System of the above organization has been assessed and found to be in accordance with the requirements of:

**ISO 9001:2008**

Scope of certification:

**DESIGN, DEVELOPMENT AND MANUFACTURE OF LIFE SAVING APPLIANCES AND ACCESSORIES FOR THE MARINE INDUSTRY, INCLUDING LIFEJACKETS, LIFEBUOYS, POSITION INDICATING LIGHTS, NAVIGATION LIGHTS AND PADDLES**

**FACTORING OF ACCESSORIES FOR THE MARINE INDUSTRY, INCLUDING PYROTECHNICS, LIFERAFTS, FIRE EXTINGUISHERS AND DECK FITTINGS**

Certificate first issue: **22.10.2007**

The Certificate is valid until: **25.08.2016**

Certificate No.: **NC-1636**

Gdańsk, 26.08.2013



*Jacek Papiński*  
Jacek Papiński

AC 014  
QMS

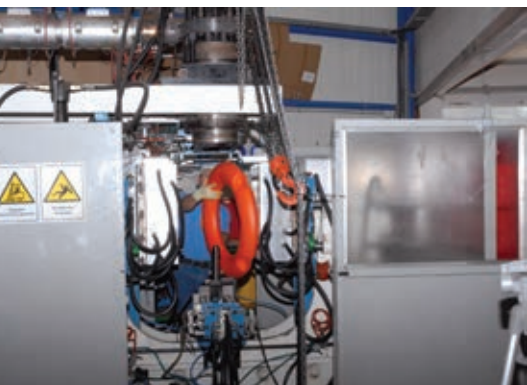


Certificate first issue:

The Certificate is valid until:



## THE COMPANY



### The history

E.G. Vallianatos S.A. was founded in 1976 by Evangelos Vallianatos with the trade name of EVAL as a manufacturer and distributor of yacht accessories safety equipment. The first headquarters of the company was in Peristeri area in Athens which for historic reasons and for having the direct contact with the customers is still open as a show room. In the beginning the company started with personnel of 5 people and a space of 200 m<sup>2</sup> which was considered the continuance of B.A.K. founded by George Vallianatos in the early sixties.

Today the company has privately owned premises of 5000 m<sup>2</sup> at Ano Liosia-Athens and employees 25 people in administration, the Sales & Marketing Dpt, the Purchasing Dpt, the Customer Service, the Quality Dpt, the Research and Development Dpt, the Accounting Dpt, and over 30 technicians personnel in the Production and the Warehouse.

### The factory

The company at its plants manufactures a variety of safety equipment and a large range of marine equipment. The competitive advantage of EVAL 's branded products is the high quality of raw materials that it uses and due to the fact that the products are being tested by the Quality Assurance Department of the company. The management and distribution of the products is being processed by the new technologies of: ERP software, Barcodes etc.

The company operates under ISO – 9001: 2008 certificate for quality control, accredited from the Polish Register of Shipping.

### Clients - Partners

During these 38 years we managed through a difficult and persistent effort, having always in mind our love for the sea and it's people, to establish ourselves in the Greek market and at the same time expand our activity in the Global market.

The company offers a full range of safety equipment meeting the latest standards ( CE approvals, SOLAS L.S.A. CODE - CE 96/98 approvals, IMO MSC.200(80) & IMO MSC.207(81), for leisure boats up to cruise vessels. This great variety is completed by a full line of more than 6000 codes of marine accessories, docking and anchoring equipment, electrical and electronic equipment, hydraulic equipment, fishing equipment, water sports etc. Lately we expanded our activity in importing and distributing outboard motors and inflatable boats. The received support was immediate showing the trust that the customers have in EVAL, all these years.

Most of its business is conducted with wholesalers throughout Greece. During the last years, the exporting activity has increased rapidly so Eval's products are distributed in the European Union, East Europe, Middle East, United Arab Emirates, Africa, Canada, Asia and Australia .

With the best possible infrastructure, specialized personnel and a 35 year experience we now head in the future, focusing in our continuous effort to establish ourselves globally keeping high standards for the service of our clients.

### Marketing

Focusing on the constant communication with its clients and promotion of its products the company implements a marketing plan that consists of:

- Participation in International and local Boat Shows and Exhibitions.
- Product catalogues for the clients and associates of the company and also for the end users.
- Presentation of the company and its products in both local and international magazines.
- Promotional material.
- Communication and Public Relations program.



- SAFETY EQUIPMENT**  
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  - Lifebuoys
  - Brackets For Lifebuoys
  - Lifejacket Lights
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  - Fixed Fuel & Water Tanks
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  - Breathers - Trim Tabs
  - Filters & Water Separators
  - Steering Wheels
  - Consoles - Steering Systems
  - Steering Cables - Lever Controls
  - Engine Control Cables
  - Steering Gromets
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ELECTRIC OUTBOARD**  
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  - Inflatable Boats With Several Types Of Floor: Plywood, Airmat, Aluminum, Rib, Flover Electric Outboard Engines

**EVAL** Made by EVAL

Best Selling



**ANODES**  
Anodes Of All Types  
225-254



**NAVIGATION & ELECTRONIC EQUIPMENT**  
Compasses - Vhf  
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**ELECTRICAL EQUIPMENT**  
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Fuses And Fuse Blocks  
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# SAFETY EQUIPMENT

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- Lifejackets
- Lifebuoys
- Brackets For Lifebuoys
- Lifejacket Lights
- Lifeguards Equipment
- Horns / Rafts
- Sea Floating Anchors
- Signal Balls
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- Mob Rescue Systems

5-30



## CE 50N EN ISO 12402-5



The Buoyancy aids are used while performing water sports and they are available in various designs and color combinations in order to cover the different users needs. The buoyancy aids are intended to be used by swimmers in sheltered waters, close to the shore where the help may be immediate. They are produced according to the EN ISO 12402-5 standard.



### BUOYANCY AID “RHODES” 50N EN ISO 12402-5 WITH 3 STRAPS.

This Buoyancy Aid’s design is ideal for the water sports as it offers a convenient and consistent fit for the user. Suitable for water ski, jet ski and rafting. It has 3 straps for added safety and it is manufactured of extremely durable polyester fabric. It is approved in accordance to the European Union latest standard EN ISO 12402-5 for Buoyancy Aids Category 50 Newton. Available in 4 sizes and with a color combination of black and red. Equipped with SOLAS approved retroreflective tape and EN ISO 12402-7 approved materials.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
480-1	Child	25-40	65 - 80	40
480-2	Adult	40-70	80 - 100	50
480-3	Adult	70-90	100 - 110	55
480-4	Adult	>90	110 - 125	65



### BUOYANCY AID “CORFU”, 50N EN ISO 12402-5 WITH 2 STRAPS

This Buoyancy Aid is suitable for sailing and water sports. It is made of durable Nylon fabric and its design with two straps offers a comfortable and stable fit. It has been certified according to the latest European standard EN ISO 12402-5 for Buoyancy Aid 50N. Equipped with SOLAS approved retroreflective tape and EN ISO 12402-7 approved materials. Available in two sizes and a color combination of black – green with decorative design at the back.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
491-1	Child	25-40	65 - 80	40
491-2	Adult	>40	80 - 125	65



### BUOYANCY AID “HYDRA”, 50N EN ISO 12402-5 WITH 2 STRAPS AND DECORATIVE DESIGN

This stylish and modern Buoyancy Aid offers a convenient and consistent fit for the user due to its design. Suitable for sailing and windsurfing/canoe. It is very easy to use as it features 2 straps and is made of durable Nylon fabric. It has been certified according to latest European standard EN ISO 12402-5 for Buoyancy Aid 50N. Equipped with SOLAS approved retroreflective tape and EN ISO 12402-7 approved materials. Available in 4 sizes and in black color with special decorative design.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
492-1	Child	25-40	65 - 80	40
492-2	Adult	40-70	80 - 100	50
492-3	Adult	70-90	100 - 110	55
492-4	Adult	>90	110 - 125	65





## CE 50N EN ISO 12402-5



### BUOYANCY AID "PAROS" 50N EN ISO 12402-5 WITH 4 STRAPS

Perfect fit because of the four adjustable straps and easy to use buckles. Suitable for water ski and jet ski as the 4 straps offer added safety. It is made of durable Nylon fabric and approved according to the latest European Union standard EN ISO 12402-5 for Buoyancy Aid Category 50 Newton. Available in 4 sizes and a color combination of yellow –blue. Equipped with SOLAS approved retroreflective tape and EN ISO 12402-7 approved materials.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
481-1	Child	25-40	65 - 80	40
481-2		40-70	80 - 100	50
481-3	Adult	70-90	100 - 110	55
481-4		>90	110 - 125	65

## CE 100N EN ISO 12402-4

Lif jackets are safety means of flotation that offer such buoyancy so as to maintain the person on the surface of the sea in a supine position increasing the possibility of rescue. They may also be used from persons that do not know how to swim. They are constructed according to the international standards EN ISO 12402 and suitable for use in sheltered waters (EN ISO 12402-4) and non-sheltered waters (EN ISO 12402-3) depending on the lifejacket type.



### LIFEJACKETS "CRETE" 100N EN ISO 12402-4

The lifejacket -100N reduces the risk of the user's drowning in sheltered waters. It is specially designed to turn the user into a safe position and help them maintain this position. The high protective collar supports and keeps out of the water the head, while the design will secure the user to a safe position without effort. The models for children have additional fabric and restraint fit (crotch strap). The jacket has a strap with quick release buckle, plastic zipper, EN ISO 12402-8 approved whistle and SOLAS approved retroreflective tapes. It is approved in accordance to the latest European standards category 100N EN ISO 12402-4 and all materials used are EN ISO 12402-7 approved. Available in 6 sizes and in orange fluorescent color.



### LIFEJACKETS "NAXOS" 150N EN ISO 12402-3

The lifejacket -150N is a general application lifejacket and can reduce the risk of the user's drowning in even rough conditions. It is specially designed to turn the user into a safe position, even if he is unconscious. The high protective collar supports and keeps out of the water the head, while the design will secure the user to a safe position without effort. The models for children have additional fabric and restraint fit (crotch strap). The jacket has a strap with heavy duty buckle, lifting loop, plastic zipper, EN ISO 12402-8 approved whistle and SOLAS approved retroreflective tapes. It is approved in accordance to the latest European standards category 150N EN ISO 12402-3 and all materials used are EN ISO 12402-7 approved. Available in 6 sizes and in orange fluorescent color.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
495-1	Child	15 -30	60 - 70	45
495-2	Child	30 - 40	70 – 80	55
495-3	Adult	40 - 50	80 – 90	65
495-4	Adult	50 - 70	90 - 100	85
495-5	Adult	70 - 90	100 - 120	105
495-6	Adult	>90	120 – 130	115

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
496-1	Child	15 -30	60 - 70	65
496-2	Child	30 - 40	70 – 80	80
496-3	Adult	40 - 50	80 – 90	95
496-4	Adult	50 - 70	90 - 100	135
496-5	Adult	70 - 90	100 - 120	155
496-6	Adult	>90	120 – 130	165

## CE 100N EN ISO 12402-4



### CHILD LIFEJACKET "ZOO" 100N EN ISO 12402-4 WITH SPECIAL DECORATIVE DESIGN

The lifejacket -100N reduces the risk of the user's drowning in sheltered waters. It is specially designed to turn the user into a safe position and help them maintain this position. The high protective collar supports and keeps out of the water the head, while the design will secure the user to a safe position without effort. At the bottom it has additional fabric and restraint fit (crotch strap) to ensure that the jacket will not come off from the user. The jacket has a strap with quick release buckle, plastic zipper, EN ISO 12402-8 approved whistle and SOLAS approved retroreflective tapes. It is approved in accordance to the latest European standards category 100N EN ISO 12402-4 and all materials used are EN ISO 12402-7 approved. Available in 3 sizes and in orange fluorescent color with special decorative design.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
498-0		<15	40 - 60	35
498-1	Child	15 -30	60 - 70	45
498-2		30 - 40	70 – 80	55



## CE 150N EN ISO 12402-3



### CHILD LIFEJACKET "WATERPARK" 150N EN ISO 12402-3 WITH SPECIAL DECORATIVE DESIGN

The lifejacket -150N is a general application lifejacket and can reduce the risk of the user's drowning in even rough conditions. It is specially designed to turn the user into a safe position, even if he is unconscious. The high protective collar supports and keeps out of the water the head, while the design will secure the user to a safe position without effort. At the bottom it has additional fabric and restraint fit (crotch strap) to ensure that the jacket will not come off from the user. The jacket has a strap with heavy duty buckle, lifting loop, plastic zipper, EN ISO 12402-8 approved whistle and SOLAS approved retroreflective tapes. It is approved in accordance to the latest European standards category 150N EN ISO 12402-3 and all materials used are EN ISO 12402-7 approved. Available in 3 sizes and in orange fluorescent color with special decorative design.

Code	Type	Weight (Kg)	Chest (cm)	Buoyancy (Nt)
499-0		<15	40 - 60	50
499-1	Child	15 -30	60 - 70	65
499-2		30 - 40	70 – 80	80

### BUOYANCY AIDS FOR PETS

Durable Buoyancy aids for pets. It is made of polyethylene and soft synthetic Nylon fabric. It is designed to fit the majority of pets. It features three custom straps at the neck, stomach and chest of the animal. There is a strap for moving the pet and a ring to use chain.

Code	Weight Kg	Chest (min –max) cm
3264-1	< 8	25 - 48
3264-2	8 - 15	30 - 60
3264-3	15 - 40	43 - 84



## CE 100N EN ISO 12402-4

## CE 150N EN ISO 12402-3



Belt Lifejackets 100N and 150N are approved according to the new EN ISO 12402-3, EN ISO 12402-4, EN ISO 12402-7 and EN ISO 12402-9. They are equipped with 30mm width strap, retro reflective tapes according to the IMO Resolution A.658 (16) and approved whistle according to EN ISO 12402-7 and EN ISO 12402-8.

**LIFEJACKET BELT "MILOS" 100N, EN ISO 12402-4**

100N Lifejacket belt is designed for use in sheltered waters when the user may have to wait for rescue. It is tested and approved according to the new standards EN ISO 12402-4, EN ISO 12402-7 and EN ISO 12402-9 which fall in the EU directive 89/686/EC for recreational crafts. It is equipped with 30mm width strap, SOLAS retro reflective tapes and approved whistle according to EN ISO 12402-7 and EN ISO 12402-8.

Code	Type	Weight (Kg)	Chest size (cm)	Buoyancy (Nt)
482-1	Child	15 - 40	50– 80	>50
482-2	Adult	>40	80 - 125	>100

**LIFEJACKET BELT "SKOPELOS" 150N, EN ISO 12402-3**

Lifejacket belt 150N is designed for general use in non-sheltered waters and for use with heavy clothing. It is specially designed to turn the user into a safe position, even if he is unconscious. It is tested and approved according to the new standards EN ISO 12402-3, EN ISO 12402-7 and EN ISO 12402-9 which fall in the EU directive 89/686/EC for recreational crafts. It is equipped with 30mm width strap, additional rescue strap, SOLAS retro reflective tapes and approved whistle according to EN ISO 12402-7 and EN ISO 12402-8.

Code	Type	Weight (Kg)	Chest size (cm)	Buoyancy (Nt)
487-1	Child	15 - 40	50– 80	>75
487-2	Adult	>40	80 - 125	>150

**LIFEJACKETS SOLAS 74 APPROVED**

Code	Description	Dimensions mm	Buoyancy N
475-3	Adult	630 x 360	95
1896-1	Child	480 x 270	55



NEW

**DRY BAG FOR LIFEJACKETS**

Waterproof, airtight dry bag for lifesaving equipment. It is made of durable transparent material with a minimum of seams to guarantee maximum seal. Easy to use, takes up minimal space.

Code	Length cm	Height cm	Width cm
4056-1	93	57	36
4056-2	93	68	36

▶ The lifejackets are not included.

NEW

**SET OF DRY BAG WITH LIFEJACKETS**

Code	Description	Dimensions cm
4056-1S	Dry bag with 4 lifejackets code 482-2	55 x 40 x 30
4056-2S	Dry bag with 6 lifejackets code 482-2	55 x 40 x 45

**INFLATABLE LIFEJACKET "SIMI" 150N**

The new Inflatable Lifejacket "SIMI" by EVAL is a combination of small size and comfort. It is suitable for any type of motor boat or sailing boat, for swimmers or users that do not know how to swim, for use in non-sheltered waters even when wearing heavy clothing. It is designed to turn the user into a safe position, even if he is unconscious as it is complying with all the requirements of the market and the European regulations in accordance with standard EN ISO12402-3 / 150N. It offers increased buoyancy of 165N when fully inflated. Available in six types. The inflatable chamber is made of distinct yellow cloth and folded into a suitable nylon cover that closes with Velcro, it has approved whistle EN ISO 12402-8, blow mouth and loop / rescue strap. It is equipped with SOLAS approved retroreflective tape and EN ISO 12402-7 approved materials. The triggering mechanism for inflating the lifejacket is of great sensitivity and accuracy and is easily repackaged. The mechanism is compatible with the majority of the 33 gr CO<sup>2</sup> cylinders in the market. One chamber model. Inflatable lifejackets can be equipped with all Eval SOLAS approved lifejacket lights and with crotch strap code 2947.



**CE 150N EN ISO 12402-3**



► The activation mechanism is made by UML company

Code	Type
4326 -1	Manual, metal buckle
4326 -2	Auto, metal buckle
4326 - 3	Manual, Safety Harness, metal buckle
4326 -4	Auto, Safety Harness, metal buckle
4326 - 5	Manual, plastic buckle
4326 -6	Auto, plastic buckle



► The inflatable lifejacket SIMI is available in red or blue color

**SOLAS 150N & 275N**



**SOLAS INFLATABLE LIFEJACKETS "ITHACA" 150N & 275N**

**SOLAS 74, L.S.A. CODE, 96/98/EC, IMO MSC 81(70).**

Inflatable lifejackets ITHACA 150N and ITHACA 275N have been produced according to latest SOLAS regulations. They are suitable for offshore use under extreme weather conditions with full weather clothing, thus they can be installed on all commercial and navy ships, professional fishing boats and mega-yachts. Inflatable lifejackets ITHACA have been designed according to strictest lifejacket standards and can be used at most extreme conditions. Especially, ITHACA 275N is the optimum model among Eval lifejacket range and gives to the user the maximum buoyancy and safety.

Lifejackets are equipped with yellow color double inflatable bladder. The first bladder is inflated either manually, or automatically after the user drops into water, while there is also a manually activated back up inflatable bladder for emergency. All inflators are provided by UML. Each lifejacket has two CO<sub>2</sub> cylinders (33gr for lifejackets 150N, 60gr for lifejackets 275N). Inflatable bladders can also be filled with air by special oral tubes. Inflators and oral tubes are EN ISO 12402-7 approved. Lifejackets are equipped with EN ISO 12402-7 & -8 approved whistle and SOLAS approved reflective tape. Lifejackets also bear metal or plastic buckle, strong lifting loop, buoyant line and they are manufactured with approved materials according to the European standard EN ISO 12402-7.

Lifejackets are supplied with a special closing-velcro cover of the following options: red nylon cover or orange PVC wipe clean cover. Models with safety harness available. Inflatable lifejackets can be equipped with all Eval SOLAS approved lifejacket lights and with crotch strap code 2947.



Code	Buoyancy	Cover	Cylinder	Harness	UML inflator	Other specifications
4743-1	150N	Nylon	2 x 33gr	-	1 auto + 1 manual	plastic buckle, lifting loop, buoyant line
4743-2	150N	Nylon	2 x 33gr	Safety harness	1 auto + 1 manual	metal buckle, lifting loop, buoyant line
4743-3	150N	PVC wipe clean	2 x 33gr	-	1 auto + 1 manual	plastic buckle, lifting loop, buoyant line
4743-4	150N	PVC wipe clean	2 x 33gr	Safety harness	1 auto + 1 manual	metal buckle, lifting loop, buoyant line
4745-1	275N	Nylon	2 x 60gr	-	1 auto + 1 manual	plastic buckle, lifting loop, buoyant line
4745-2	275N	Nylon	2 x 60gr	Safety harness	1 auto + 1 manual	metal buckle, lifting loop, buoyant line
4745-3	275N	PVC wipe clean	2 x 60gr	-	1 auto + 1 manual	plastic buckle, lifting loop, buoyant line
4745-4	275N	PVC wipe clean	2 x 60gr	Safety harness	1 auto + 1 manual	metal buckle, lifting loop, buoyant line



**Code 3698**  
**INFLATABLE LIFEJACKET BELT PACK 150N CE ISO 12402-3**

Inflatable Lifejacket Belt Pack fits around the waist like a belt. It inflates automatically upon being immersed in water, or manually by pulling an activation device. The belt pack lifejacket requires the person wearing it to pull the inflated air bladder over his head. Durable construction. Lightweight and compact design provides safety combined with unimpaired movement to the user.

**SPARE GAS CYLINDER FOR INFLATABLE LIFEJACKETS**



Code	Content gr
4328-3	33
4328-4	60



**Code 4328-5**  
**UML AUTO-MK5 REARMING KIT FOR INFLATABLE LIFEJACKETS**

The rearming kit contains one 33 gr cylinder, one cartridge and one manual indicator.



**Code 4328-6**  
**UML MANUAL REARMING KIT FOR INFLATABLE LIFEJACKETS**

The rearming kit contains one 33 gr cylinder and one manual indicator.



**Code 4328-1**  
**Manual Re-arm pack**

▶ The activation mechanism is made by UML company



**Code 4328-2**  
**Auto Re-arm pack**



**HEAVY DUTY MARINE BUCKLE**  
EN ISO 12402 approved. Designed to meet even demanding requirements of SOLAS for use on inherently buoyant and inflatable lifejackets.

Code	For Belt Width mm	Breaking Load
123-40	40	>326 Kg



**Code 2933**  
**FIRE RESISTANT COVER FOR INFLATABLE LIFEJACKET**

The fire resistant cover for inflatable lifejacket protects from sparks, heat, open flame and light chemicals. Easy installation.

Suitable for inflatable lifejackets codes : 4743\*, 4745\*



**Code 2947**  
**SAFETY HARNESS AND LIFEJACKET/ BUOYANCY AID CROTCH STRAP**

The aid crotch strap can be adjusted to every lifejacket, buoyancy aid and safety harness.

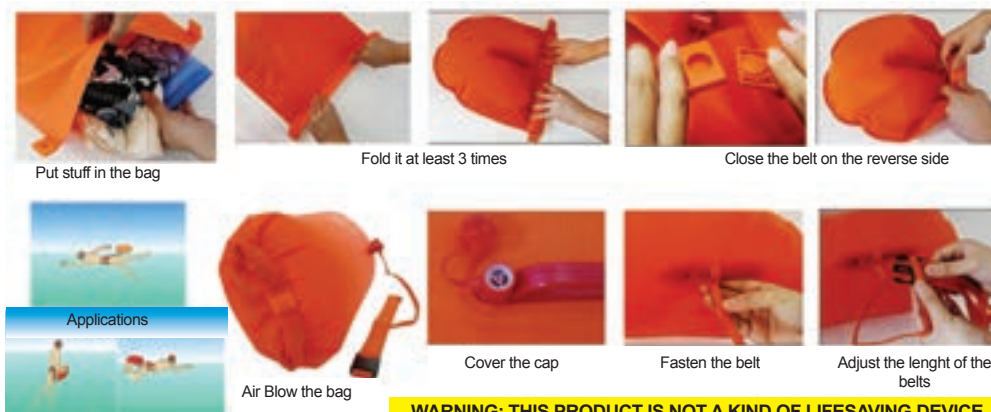


**Code 4328-7**  
**INFLATABLE LIFEJACKET BELT EXTENSION**

**WATERPROOF PLASTIC BAG - KIND OF FLOTATION DEVICE**

It is an amphibious swimming float bag made of Nylon+ PVC/ TPU (water-proof). It is an innovative equipment designed to store clothes and other stuff that are kept dry when swimming or performing water sports while it can be also used as a flotation device especially in sheltered waters. It has adjustable double-belt, very steady double air bags and its large valve allows the easy inflation by the user. IT IS NOT A LIFESAVING DEVICE

Code	Capacity lt	Color
2127-20	20	Orange
2127-28	28	
2127-35	35	
2127-50	50	




**WARNING: THIS PRODUCT IS NOT A KIND OF LIFESAVING DEVICE**

# SOLAS



## LIFEJACKETS

**SOLAS 74, L.S.A. CODE, 96/98/EC  IMO MSC 81(70), MSC.200(80) & MSC.207(81).**

Complete with retro-reflective tapes SOLAS, approved whistle and two belt positions for lifejacket light installation (in front or on the side). Equipped with belt ending at a plastic hook so that the persons wearing it can strap together. Constructed in accordance to international regulations IMO MSC.200(80) & MSC.207(81). Additionally approved by Russian Maritime Register of Shipping.

Code	Type	Dimensions mm	Buoyancy N
2010-1	Infant	470 x 295 x 90	70
2010-2	Child	545 x 310 x 95	85
2010-3	Adult /Over-weight	615 x 385 x 100	150

\* The lifejacket in yellow color is available upon special request.



## DONNING INSTRUCTIONS FOR LIFEJACKETS

Code	Description
3696-3	For lifejackets for codes 2010-1, 2010-2, 2010-3
3696-3	For lifejackets for codes 2010-4, 2010-5, 2010-6



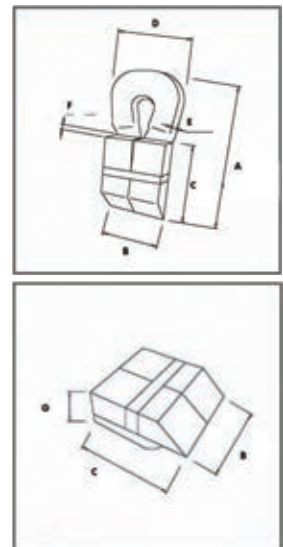
## FOLDABLE LIFEJACKET

**SOLAS 74, L.S.A. CODE, 96/98/EC  IMO MSC 81(70), MSC.200(80) & MSC.207(81).**

An excellent solution for boat and ships that have lack of storage space. It can be easily stored under the seats. It has retro-reflective tapes SOLAS, approved whistle and two belt positions for lifejacket light installation (in front or on the side). Equipped with belt ending at a plastic hook so that the persons wearing it can strap together. Constructed in accordance to international regulations IMO MSC.200(80) & MSC.207(81).

Code	Type	Buoyancy N	Dimensions mm						
			A	B	C	D	E	F	G
2010-4	Infant	70	540	240	250	325	80	100	180
2010-5	Child	85	650	240	320	345	50	100	150
2010-6	Adult /Over-weight	150	760	300	410	355	80	100	180


\* The lifejacket in yellow color is available upon special request.



## SOLAS



### LIFEBUOYS NEW TYPE

**SOLAS 74, L.S.A. CODE, 96/98/EC  IMO MSC 81(70).**  
For commercial ships or big boats. Made of polyethylene and filled with polyurethane foam. With retro-reflective tapes SOLAS.

Code	Int. diameter cm	Ext. diameter cm	Weight Kg
2012-1	44,5	71,5	2,5
2012-2	44,5	71,5	4




### RING BUOY WITHOUT FOAM

Made of polyethylene.

Code	Internal diam. cm	Exter. diam. cm
561*	40	60



### LIFEBUOYS

**SOLAS 74, L.S.A. CODE, 96/98/EC  IMO MSC 81(70).**  
Suitable for recreational boats. Made of polyethylene and filled with polyurethane foam. With retro-reflective tapes SOLAS. **Additionally approved by Russian Maritime Register of Shipping**

Code	Int. diameter cm	Ext. diameter cm	Weight kg
557	40	60	2,5




### RING BUOYS

Made of polyethylene.

Code	Description	Int. diam. cm	Exter. diam. cm
537*	With foam/with rope	35	57
537-1*	Without foam/with rope	35	57
537-3*	With foam / with rope / with reflective tape (Available upon special request)	35	57



### LIFEBUOYS

**SOLAS 74, L.S.A. CODE, 96/98/EC  IMO MSC 81(70).**  
For commercial ships or big boats. Made of polyethylene and filled with polyurethane foam. With retroreflective tapes SOLAS. **Additionally approved by Russian Maritime Register of Shipping.**

Code	Int. diameter cm	Ext. diameter cm	Weight Kg
559	43,6	75	2,5
558	43,6	75	4,0



### RING BUOY

Made of polyethylene.

Code	Description	Int. diam. cm	Exter. diam. cm
539*	without foam/ with rope	23,5	45
539-1*	With foam / with rope / with reflective tape.	23,5	45
539-2*	With foam/with rope	23,5	45

▶ (\*) It is not an approved means of rescue



**LIFEBUOY CABINET SET**

**Contents:**

Lifebuoy cabinet of distinct orange color with lid and post  
Rope holder/lifeline and lifebuoy are not included.

**Application:**

Clever design enabling cabinets to store all kind of lifebuoys with an external diameter from 600mm to 750mm.

The lifebuoy cabinet can be placed in marinas, pools, beaches, lakes, rivers, etc., where a lifebuoy needs to be positioned for immediate deployment. Cabinet helps to protect life-saving equipment from sun radiation, deterioration and other damage.

Methods of installation includes pole fixing, wall mounting or rail/fence mounting.

**Technical Specifications:**

Lifebuoy cabinet and lid are made of durable polyethylene of maximum UV protection. Mild steel galvanized reinforced pole, allows the cabinet to be mounted as standalone unit

Code	Diameter mm	Depth mm	Weight Kg	Height with pole mm
<b>580</b>	820	min 190, max 235	9,5	1700



**LIFEBUOY CABINET POLE**

**Pole Dimensions:**

Code	Height mm	Width mm	Depth Kg
<b>580-3</b>	1500	60	40



**Code 580-1**

**LIFEBUOY CABINET WITHOUT LID**

Cabinet can be supplied without lid for even quicker lifebuoy deployment



**Code 580-2**

**LIFEBUOY CABINET LID**



**NEW**



**Code 580-5**  
**RAIL/FENCE MOUNTING KIT**  
2 pieces

**NEW**



**NEW**

540

**ROPE HOLDER**

UV resistant tough plastic container that fits in lifebuoys having an external diameter of 700mm-750mm. Makes it very easy to dispense the lifebuoy without the rope twisting and tangling. Contains an 8mm diameter/30m long braided floating throwing line.

Code	Dimensions mm
<b>540</b>	L480 x W115 x H75



**Code 3994**  
**FLOATING SHOCK CORD**  
Supplied with 30 m. Diameter 8 mm. Orange polyethelene rope and nylon hook at the end of it. Suitable for fastening the lifebuoy in case of need and for several other marine uses.



**SAFETY RING**

It can help a person to be dragged on boat, with the use of a rope.

Code	Int. diam. cm	Exter. diam. cm
<b>564*</b>	10	16

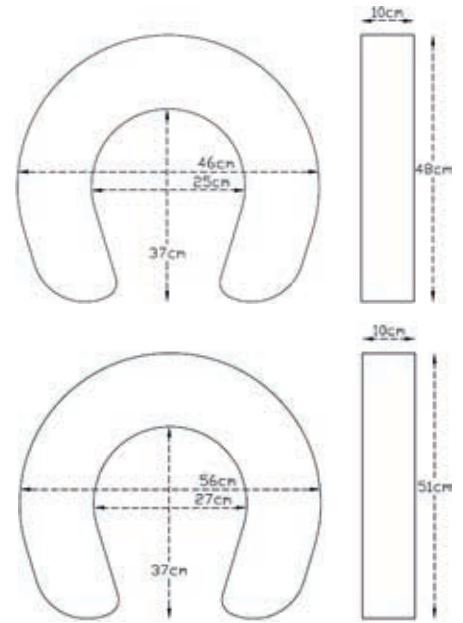


**Code 476-06**  
**BRAIDED POLYPROPYLENE ROPE OF 8 STRANDS,**  
color red/yellow, Ø 6mm.





NEW



**HORSESHOE BUOYS**

Horseshoe buoys made of PVC cover, closed with zipper. Resistant to UV radiation.

Code	Color	Type	Description
543-1Y*	Yellow		
543-1O*	Orange	ADVANCED	Equipped with all-around rope and snap hook
543-1W*	White		
543-2Y*	Yellow		
543-2O*	Orange	BASIC	Equipped with webbing and plastic buckle fastening
543-2W*	White		

▶ (\*) It is not an approved means of rescue



**HORSESHOE BUOYS**

Made of polyethylene.

Code	Description	Internal diam. cm	External diam. cm
4401-1	With foam / with rope	35	60
4401-2	With foam / with rope / with reflective tape.	35	60



**STORAGE BAG FOR HORSESHOE BUOY**

The storage bag for the horseshoe buoy is made of nylon fabric with PVC coating. The material is water-repellent with UV resistance. It closes with zipper.

Code	Dimensions cm
524 - Orange	W 57 x H 53 x Depth 12
524 - Yellow	W 57 x H 53 x Depth 12



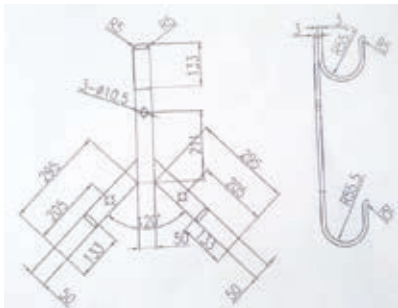
**Code 3991 SAFETY CORD**

A 25m retrieval line stored in a bag allows the attracting of the person on boat. Both of the ends of the rope carry special handles so as to allow easy rescue for both the rescuer and the victim. It can be thrown easily in long distances. Also available stainless steel mounting code 3991-1.

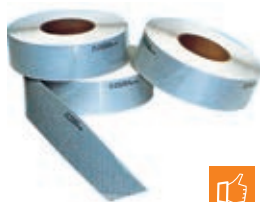


**EVAL Code 3990 MAN OVERBOARD RESCUE SYSTEM "RESCUE FLING"**

Complete rescue gear suitable to pull up a person on a boat. Made in such way that it is permanently placed on a rail. It is composed of a buoyant device with a safety buckle which is connected to a bag (PVC: 50 x 30 cm) through a 40 m rope.



**Code 1935**  
**BRACKET FOR ROUND LIFE BUOYS**  
Made of galvanized steel.



**Code 3454**  
**REFLECTIVE TAPE**  
**SOLAS 74, AMENDMENT 1996 E.C. 96/98,**  
**L.S.A. CODE**   
For Life saving equipment and various uses.

Code	Length m	Width cm
3454	50	5
3454-1	25	5



**Code 3995**  
**PLASTIC MOUNTING FOR RING BUOYS**  
Made of reinforced plastic with UV. Available in a 3 pcs set.



**Code 3375**  
**BRACKET FOR LIFEBOUY LIGHT**  
Stainless steel, with nylon base for rail Ø 22-25 mm.



**Code 3378**  
**BRACKET FOR LIFEBOUY LIGHT**  
Nylon, for tube with Ø 19 - 25 mm.



**Code 3567**  
**BRACKET FOR LIFEBOUYS AND HORSE-SHOE BUOYS**  
Aluminum with plastic coating for rail Ø 22-25 mm.



**Code 3572**  
**BRACKET FOR LIFEBOUYS AND HORSE-SHOE BUOYS**  
Stainless Steel with shock cord for rail Ø 22-25 mm.



**Code 3573**  
**BRACKET FOR HORSESHOE LIFEBOUYS AND LIFEBOUY LIGHT**  
Stainless Steel. Width: 40 cm, Height: 54 cm. For rail Ø 22 - 25 mm.



**Code 3583**  
**BRACKET FOR LIFEBOUYS, HORSESHOE BUOYS AND LIFEBOUY LIGHT**  
With shock cord, for rail Ø 25 mm.



**Code 3572-1**  
**BRACKET FOR LIFE-BOUY AND HORSE-SHOE BUOY INOX**  
Bracket for Lifebuoy and Horseshoe buoy, made of stainless steel (inox), with light holder and shock cord. For rail Ø 22-25mm



**Code 4589**  
**BOAT HOOK HOLDER**  
Stainless steel.

► Available in pair



**CODE 3489-1  
LIFEJACKET LIGHT LED**

**SOLAS 74, L.S.A. CODE, 96/98/EC** **IMO MSC 81(70) & MSC.207(81)**

It uses lithium battery of 5-year lifetime. Continuous operation more than 8 hours, suitable for installation on lifejackets straps/webbing. Dimensions : 45mm x 31,2 mm x 18,9 mm Weight : 23,5 gr.

- Operations :
1. Automatic operation in contact with the water due to its water sensor.
  2. Manual deactivation for battery saving
  3. Manual activation when the user is in the water

**Additionally approved by Russian Maritime Register of Shipping**



**LIFERAFT LIGHT**

**Approved according to SOLAS (LSA CODE) MSC.81(70) & ISO 24408(2005)**

With LED and lithium battery. The external light flashes at 4,3cd and the internal light is steady at 0,5cd at least. Continuous operation of more than 15 hours (-30° C).

Code	Dimensions of battery body mm	Dimensions of lamp cover mm
3497	62 x 73 x 33	Ø 62,5 x 42mm



NEW



NEW

**FIREMAN AXE WITH SHORT WOODEN HANDLE**

Fireman axe with short wooden handle. It is made of ash-tree wood and the blade is made of #45 forged steel, hardness 47-55. It is equipped with protective rubber cover for the blade.

Code	1219
Handle Length	34 cm
Cutting Edge	9 cm
Weight Kg	1,2 Kg

**FIREMAN AXE WITH LONG ANTI-SLIP HANDLE**

Fireman axe with long anti slip handle made of fiber. The blade is made of #45 forged steel, hardness 47-55. It is equipped with protective rubber cover for the blade.

Code	1220
Handle Length	90 cm
Cutting Edge	12 cm
Weight Kg	2,8 Kg

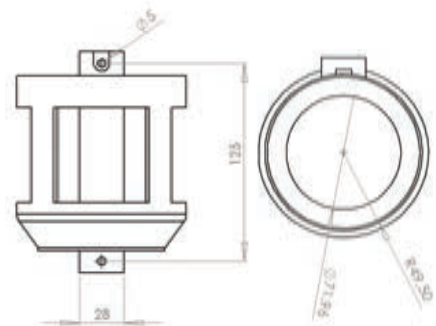


Code 1209-1  
Spare lamp for code 2961.

**Code 2961  
LIFEBUOY LIGHT SOLAS 74**

**SOLAS 74, L.S.A. CODE, 96/98/EC** **IMO MSC 81(70) & MSC.218(82).**

Automatic switch-on at overturning. Powered with 4 Alkaline batteries LR20 type D. Provided light at least 2cd and for at least 2 hours. Weight: 205 gr. Length 34 cm. **Additionally approved by Russian Maritime Register of Shipping**



**PLASTIC BRACKET FOR LIFEBUOY LIGHT**

Code	Upper part Ø mm	Down part Ø mm	Height mm
4920	99	71,96	125



**Code 2968**  
**LIFEBUOY LIGHT**  
**SOLAS (LSA CODE) MSC.81(70) & ISO 24408(2005)** ⚙️

<b>Lighting type</b>	Flashing
<b>Activation</b>	Automatically turn on when the head of light is upward and automatically turn off when the head of light is down
<b>Lamp</b>	White powerful Led
<b>Battery</b>	Lithium battery
<b>Luminous intensity</b>	≥2.0 cd
<b>Working time</b>	More than 8 hours
<b>Expiry date</b>	5 years
<b>Dimensions</b>	Ø 90 x 124 mm
<b>Weight</b>	210 gr (including clip)
<b>Standard</b>	SOLAS (LSA CODE) MSC.81 (70) & ISO 244008(2005)

**Code 2931**  
**LIFEBUOY LIGHT**  
**SOLAS (LSA CODE) MSC.81 (70) & ISO 244008(2005)**

<b>Lighting type</b>	Flashing
<b>Activation</b>	Automatically turn on when the head of light is upward and automatically turn off when the head of light is down
<b>Lamp</b>	White powerful Led
<b>Battery</b>	2 x LR6 alkaline battery which can be replaced when it is run out
<b>Luminous intensity</b>	>2.0 cd with - flash frequency 51~54 times/min
<b>Working time</b>	More than 8 hours over 2.0 cd at 20°C
<b>Storing Temperature</b>	-30°C - +65°C
<b>Working Temperature</b>	-1°C - +30°C
<b>Expiry date</b>	5 years
<b>Dimensions</b>	Ø 60 x 144 mm
<b>Weight</b>	114 gr (including clip)
<b>Standard</b>	SOLAS (LSA CODE) MSC.81 (70) & ISO 244008(2005)

NEW



NEW

**Code 2932**  
**WATERPROOF ELECTRIC TORCH ISO 18813-2006**  
 Used in liferafts as well.

<b>Lighting type</b>	Morse Signal and Steady light
<b>Activation</b>	Manually
<b>Lamp</b>	White powerful Led
<b>Battery</b>	1x LR6 alkaline battery which can be replaced when it is run out
<b>Luminous intensity</b>	More than 150 CD
<b>Working time</b>	More than 7 hours over 150 cd at 20°C
<b>Storing Temperature</b>	-30°C- +70°C
<b>Working Temperature</b>	-10°C - +70°C
<b>Expiry date</b>	3 years
<b>Dimensions</b>	Ø42.36 x 105 mm
<b>Weight</b>	65 gr (excluding spare battery ans LED)

**Activation**  
 Morse Code Signals (at least 180times/min) can be sent out when user turns on the torch and gently press switch on/off.





**Code 535-1**  
**NYLON SET OF GAS HORN WITH SNAP-ON TYPE TRUMPET**



**Code 535**  
**BLISTER SET OF GAS HORN WITH SNAP-ON TYPE TRUMPET**



**Code 534-1**  
**GAS HORN TRUMPET /SNAP-ON TYPE**  
For code 533.



**Code 534-2**  
**GAS HORN TRUMPET /SCREW-ON TYPE (LONG)**  
For code 533-1.



**Code 533**  
**GAS HORN BOTTLE /SNAP-ON TYPE**  
For snap-on type trumpet 300 ml, with gas that does not affect the ozone.



**Code 533-1**  
**GAS HORN BOTTLE /SCREW-ON TYPE**  
For screw-on type trumpet 300 ml, with gas that does not affect the ozone.



**Code 534-3**  
**GAS HORN TRUMPET /SCREW-ON TYPE (SHORT)**  
For code 533-1.



**Code 534-4**  
**GAS HORN TRUMPET /SNAP-ON TYPE**  
For code 533.



**GAS HORN BOTTLE ECO**  
Gas horn bottle containing non-inflammable eco-friendly gas. Content 300 ml

Code	Type
533-3	Snap-on type
533-4	Screw-on type

**ECOBLAST -RECHARGEABLE -AIR-HORN**

The ecoblast air horn recharges with air from a bicycle pump, air pump or compressor and yields over 40 half-second blasts per 80psi charge



581-2 581-1

Code	Type
581	Air horn (plastic bottle) with the hand air pump
581-1	Air horn (plastic bottle) without the hand air pump
581-2	Mini pump of high pressure (80 psi)



**WHISTLE FOR LIFEJACKETS**  
New handy improved design approved according to SOLAS 74, LSA Code EN ISO 12402-7 and EN ISO 12402-8

Code	Color
518-O	Orange
518-B	Blue
518-BL	Black



**Code 536**  
**FOG HORN**  
Plastic.  
L 31,5cm x Ø 7,5 cm



**GLOSS-POLISHED BRONZE BELLS**

Mirror polished, includes bayonet bracket and striker; type-approved RINA, LLOYD'S REGISTER MCA. Suitable for pleasure boating and Merchant Navy.

Code	Ø mouth mm	Weight	Type-approved for boat
4551-1	200	2,5 Kg	from 12 to 20 metres
4551-2	300	8 Kg	over 20 metres



**POLYESTER RAFT**

Approved by the Hellenic Ministry of Merchant Marine.

Code	Dimensions cm	Persons
551-04	H 25 x 51 x 51	4
551-06	H25 x 51 x 70	6



**POLYESTER RAFT**

Approved by the Hellenic Ministry of Merchant Marine.

Code	Dimensions cm	Persons
551-08	H 25 x 70 x 70	8
551-12	H 25 x 100 x 100	12
551-20	H 25 x 100 x 200	20



**FABRIC RAFT SOLAS 74 approved by the Hellenic Ministry of Merchant Marine**

Made of resistant nylon fabric and foam polyethylene fill. It carries perimetric rope with handles. **SOLAS 74 approved by the Hellenic Ministry of Merchant Marine.**

Code	Dimensions cm	Persons
3821-03	H 24 x 48 x 40	3
3821-04	H 24 x 48 x 53	4
3821-06	H 28 x 48 x 69	6



**RESCUE BUOY FOR LIFEGUARDS**

Code	Description	Dimensions cm
532	Without polyurethane foam	L 68 x W 24
532-2	With polyurethane foam	L 68 x W 24



**EMERGENCY LADDER**

With strong plastic steps, packed in a nylon case, designed to be permanently attached to the rail in a nylon case, so that the ladder to be easily deployed by a person in the water. A vital piece for the single-handed sailors.



Code	Steps	Length cm
4594-3	3	94
4594-4	4	114



**SEA FLOATING ANCHOR**

Made of reinforced PVC fabric and nylon belts.

EVAL sea floating anchors are made of excellent quality PVC fabric with strong nylon belts so as to be durable in sea conditions. They are suitable for boats up to 15 meters. The sea floating anchors are used in turbulent sea conditions in order to keep the bow of the boat towards the wind direction. The fishing boats are using it to keep the boat still without anchorage.

Code	Height (B) cm	Width (A) cm	Boat length m
528-1	55	50	4,5
528-2	88	77	7
528-3	115	110	7,5
528-4	137	152	10
528-5	144	185	13,5
528-6	155	225	>13,5



**FLUSHMOUNT EMERGENCY LADDER**

This emergency ladder can be fitted into the transom of the boat, and will help any crew member get back on board easily without needing help from anyone else. Suitable for MOB situations. It consists of 3 thermopolymer steps and braided nylon line, all stored in a tube with a watertight cap for optimum protection. In MOB situation remove the cap, pull the ladder down and climb aboard. Watertight thermopolymer housing Ø 5,8 cm x L22,5 cm thru-hull fitting. Easy to flush mount.



Code	Steps	Dimensions cm
4481	3	L 110 x W 13,5



### LIFERAFT

IDEAL FOR LEISURE AND TOURIST BOATS NOT EXCEEDING 24 m.

Manufactured in accordance to the new ISO 9650-1 standard, it is ideal for use in coastal waters and in extended voyages as well. Synonym of safety and reliability. Depending on its size, it offers the conditions needed so as rescue can be succeeded for 6 to 12 persons. It is equipped with double insulated floor (Group A) and can be inflated in a range temperature from -15 °C to +65 °C. Available with full pack equipment that ensures safety of passengers for more than 24 hours. For its best storage on the boat it is available in valise case and rigid canister.

### VALISE CASE

Code	Persons	Weight kg	Dimensions mm	
			Liferaft	Valise
3554-04	4	42	L1680 x W1680 x H1200	L740 x W490 x H400
3554-06	6	50	L1980 x W1980 x H1250	L740 x W490 x H400
3554-08	8	60	L2250 x W2250 x H1300	L740 x W490 x H400
3554-10	10	71	L2490 x W2490 x H1350	L740 x W490 x H400
3554-12	12	79	L2700 x W2700 x H1400	L740 x W490 x H400



### RIGID CANISTER

Code	Persons	Weight kg	Dimensions mm	
			Liferaft	Canister
3555-04	4	58	L1680 x W1680 x H1200	L780 x W530 x H390
3555-06	6	66	L1980 x W1980 x H1250	L780 x W530 x H390
3555-08	8	74	L2250 x W2250 x H1300	L780 x W530 x H390
3555-10	10	88	L2490 x W2490 x H1350	L780 x W530 x H390
3555-12	12	95	L2700 x W2700 x H1400	L780 x W530 x H390





**LIFERAFT**

International inflatable liferafts include models with compact and basic equipment and Solutions. They are characterized by reduced size and weight, being held hermetically into rigid capsule-containers or valise fabric containers equipped with practical transport handles. As its emergency equipment pack is reduced, it is suitable for coastal navigation.

International liferafts are manufactured in bright colours, which can be easily sighted even in case of reduced visibility. In addition, they are equipped with wide entrances to facilitate rescue operations, and assure shelter from the inclemency of weather and great stability even in bad weather conditions.

**VALISE CASE**

Code	Persons	Weight Kg	Valise Dimensions mm
3563-4	4	26	660 x 430 x 300
3563-6	6	29	661 x 430 x 300
3563-8	8	32	662 x 430 x 300
3563-10	10	40	740 x 470 x 310
3563-12	12	45	730 x 470 x 320



**RIGID CANISTER**

Code	Persons	Weight Kg	Canister Dimensions mm
3560-4	4	22	690 x 300 x 350
3560-6	6	25	690 x 300 x 350
3560-8	8	30	690 x 300 x 350
3560-10	10	36	740 x 310 x 380
3560-12	12	45	730 x 470 x 320







3664\*

Made in Asia

**LIFERAFT****SOLAS 74, L.S.A. CODE, 96/98/EC as amended. IMO MSC 81(70) & MSC.218(82).**

Certified for International voyage. It is equipped with canopy for protecting the occupants from exposure, water tight and insulated floor protection against cold water, double buoyancy tubes and sufficient strength towing arrangements. Capable of withstanding hard wear while it is designed to inflate quickly after dropping into the sea. It is equipped with PACK A supplies.

**THROW OVER BOARD TYPE**

Code	Persons	Weight kg	Dimensions mm	
			Liferaft	Canister
3664-06	6	81	L2450 x W2200 x H1250	L1070 x Ø 550
3664-10	10	105	L2950 x W2730 x H1300	L1100 x Ø 600
3664-15	15	129	L4000 x W2600 x H1400	L1200 x Ø 650
3664-20	20	157	L4600 x W3000 x H1500	L1200 x Ø 700
3664-25	25	179	L5000 x W3300 x H1600	L1200 x Ø 700
3664-50	50	200		L1540 x W 780 x H 820



Made in Europe

**THROW OVER BOARD TYPE**

Code	Persons	Weight Kg	Canister Dimensions mm
3663-6	6	84	1180 x 640 x 590
3663-10	10	107	1320 x 640 x 590
3663-16	16	153	1460 x 710 x 610
3663-20	20	169	1590 x 730 x 640
3663-25	25	178	1590 x 730 x 640



**DISMOUNTABLE PADDLE FOR LIFERAFT**

Dismountable paddle with pole made of anodised aluminum and foot paddle made of reinforced poly-propylene. Suitable for all size liferafts. The paddle is composed of two parts.

Code	Total Length mounted cm	Each part Length dismounted cm	Tube diameter mm
3406-2	91	49	25



**DISMOUNTABLE PADDLE FOR LIFERAFT**

Dismountable paddle with pole made of anodised aluminum and foot paddle made of reinforced polypropylene. Suitable for all size liferafts. It may be produced in different pole dimensions upon special request.

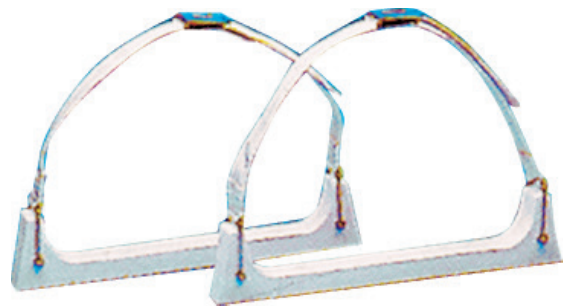
Code	Dimensions
3406-3	Made of anodised tube 25mm diameter, in various lengths.



**BRACKET FOR LIFERAFT**

Adjustable universal type, made of stainless steel pipe 316. Suitable for codes 3555\* & 3560\*

Code	Dimensions cm
3556-1	L75 x W52 x H20



**Code 3555  
CRADLE**

Used for safe installation of the liferaft on the deck. Suitable for code 3555-04, 3555-06, 3555-08, 3555-10, 3555-12.



**FLOATING STAINLESS STEEL KNIFE WITH PLASTIC HANDLE**  
Suitable for liferaft equipment

Code	Total length mm	Blade length mm
4906	116,5	65



**Code 4843**  
**THERMAL PROTECTIVE AID TPA**

Approved according to SOLAS LSA CODE MSC 81/70 

Designed for hypothermia protection during prolonged exposure in life rafts and rescue boats, keeps survivors warm and protected against rain, wind and cold. Waterproof fabric with low thermal conductivity to reduce heat loss of convective and evaporate heat of those who use it. Shall be worn over lifejacket and can be easily removed when not needed. Optional It can be provided with sleeves.



NEW

**PROTEUS IMMERSION SUIT INSULATED**

Approved according to SOLAS LSA CODE MSC 81/70 

For general commercial use. Protects against hypothermia inside water. Made of neoprene material. Glued and blind-stitched seams for total waterproof protection. Equipped with waterproof zipper, watertight hood, whistle, reflective tapes, neoprene pocket, fingered neoprene gloves. Can be donned easily and does not obstruct the freedom of movement. Approved according to latest SOLAS regulations.

Code	Size	Height (cm)	Weight (kg)
4851-1	Child	100-150	20-50
4851-2	Adult Universal	160-190	50-120
4851-3	Adult XLarge	180-210	>85



**ESCAPE BREATHING APPARATUS**

Certified in accordance to CE, SOLAS (1974/2000 EN1146/97 IMO RES MSC 98(73) from LLOYDS.

Code	Duration min	Capacity lt	Pressure bar
977-1	15	3	210

NEW



**Code 975-4**

**FIRST AID SAFETY BLANKET**

The Insulating first aid safety blanket is made of aluminized polyester film. It is used in emergencies to reduce heat loss in a person's body. Dimensions: 1,3m x 2,1m



**Code 3520  
RADAR REFLECTOR**  
Visible up to 2.5 nautical miles. Ø 50 mm, H 62 cm.



**Code 3520 - 1  
RADAR REFLECTOR SAIL**  
It can be fitted onto a stay or shroud. Visible up to 2.5 nautical miles Ø 50mm. L62cm.



**RADAR REFLECTORS**

Code	Dimensions cm
<b>767-21</b>	21,5 x 21,5 x 30
<b>767-30</b>	30,5 x 30,5 x 41,5
<b>767-34</b>	34 x 34 x 47



**Code 4595  
BASE OF TUBULARS  
RADAR REFLECTOR**  
For code 3520-1.



**Code 549  
CONE**  
Black signal used during day on the highest place with its top upside down to indicate that the boat uses both its sails and engine. Dimensions: H 47 x W 33 cm.



**SIGNAL BALL**

Black, used during day on the highest place of the boat to indicate its anchoring. Two of these balls placed vertically indicate absence of government of a boat.

Code	Diameter cm
<b>547</b>	30
<b>548</b>	35

Day signal	Signament
●	At anchor
● ●	Under no command
● ● ●	Aground
▼	Motor sailing



**Code 519  
STORM HAND  
LANTERN**  
Capacity 200 gr and burning time 14 hours. H 24,5 cm. Spare glass with code 519-1



**Code 1697  
SIGNAL MIRROR**

In 6 languages.

1. Assure that the mirror's surface is clean and clear
2. Keep the mirror in front of your eyes and turn its reflection to the closest object.
3. Find the reflection point through the middle hole in the center of the mirror. One red signal light will be appeared in this direction that shows the desired point.
4. Keep steady this red signal light and turn it slowly towards the desired point or the rescuers. Now the signal mirror is at the correct position.
5. Now with slow and continually movements make signal lights. Explore the horizon via this red signal light even if there is no rescuer. The red signal might be identified in a distance of 10 km.



**Code 3365  
WOODEN PLUGS**  
10 pcs set.

3314

3314-1

**DAYLIGHT SMOKE SIGNAL**

Life time: 3 years.

Code	Approvals	
<b>3314</b>	Ministry of Merchant Marine SOLAS 74	Posidon
<b>3314-1</b>	SOLAS 74, L.S.A. CODE,96/98/EC	Pyrotechnourgiki

3441

3313-1  
3313**HAND HELD DISTRESS FLARE**

Life time: 3 years.

Code	Approvals	
<b>3313</b>	Ministry of Merchant Marine SOLAS 74	Posidon
<b>3313-1</b>	Ministry of Merchant Marine SOLAS 74	Pyrotechnourgiki
<b>3441</b>	SOLAS 74, L.S.A. CODE,96/98/EC	Pyrotechnourgiki

**Code 3315  
PARACHUTE DISTRESS SIGNAL****SOLAS 74, L.S.A. CODE, 96/98/EC**

Ejects signal light up to 350m height. Encased in a plastic case is protected from severe weather conditions.

- Burning time: >40 sec
- Weight: 324 gr
- Color: red
- Life time: 3 Years

EVAL



1186-3

1186-6, 1186-8,  
1186-12**WATERPROOF STORAGE BOTTLE**

For the storage of flares, medicine or personal belongings.

Code	Liters	Height x Diameter cm
<b>1186-3</b>	3 lt	30 x Ø12
<b>1186-6</b>	6 lt	19,5 x Ø25
<b>1186-8</b>	8 lt	26 x Ø25
<b>1186-12</b>	12 lt	38 x Ø25



EVAL

**SAFETY EQUIPMENT STORAGE BAG**

Waterproof, ideal for the storage of up to 4 or 6 lifejackets and the necessary flares smoke signals, fire extinguisher etc. Absolute water proofing with perimetrical zipper.

Code	Dimensions cm	Color	Storage
<b>1185</b>	L 60 x W 45 x H 28	Yellow	up to 4 lifejackets
<b>1185-3</b>	L 60 x W 45 x H 40	Yellow	up to 6 lifejackets



527-1, 527-2, 527-3

EVAL

**WATERPROOF PLASTIC BAG**

Made of resistant PVC. Watertight after being folded twice with the velcro. Suitable for the storage and protection of several rescue equipment, documents and other frail items such as mobile phones etc.

Code	Dimensions mm	Carrying cord
<b>527-1</b>	L 180 x W 130	Yes
<b>527-2</b>	L 250 x W 180	Yes
<b>527-3</b>	L 350 x W 250	Yes

**WATERPROOF BAGS**

Made in resistant PVC, are secured with a buckle after having their upper part folded. They therefore offer absolute protection to their content from severe weather conditions.

Code	Capacity lt	Height cm	Diameter cm
<b>3192-12</b>	12	50	20
<b>3192-20</b>	20	50	25
<b>3192-40</b>	40	75	30



EVAL

**SAFETY GEAR BAG**

Ideal to keep all mandatory safety and emergency gear organized. Holds 4 adult and child's lifejackets in main body. Separate storage area lid holds first-aid supplies, safety flares, air horn etc. The bag has heavy web carrying handles and non-skid feet on bottom. A heavy mesh pocket is placed in front both for ventilation and for providing extra storage space. It is suitable for keeping all safety gear in one convenient location in case of emergency or inspection. Fits under pedestal seats or can be secured to deck.

Code	Dimensions cm	Color
<b>1185-1</b>	L 53 x W 35,5 x H 38	Yellow



**FOLDING BUCKET WITH STAINLESS STEEL GRIP**



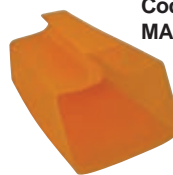
Code	Capacity lt	Dimensions cm
3233	9	H 22 x Ø 25



**PLASTIC BUCKET WITH STAINLESS STEEL GRIP**



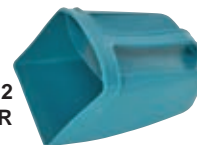
Code	Capacity lt	Diameter cm
3178	12	37



**Code 874 - 1 MARINE BAILER**



NEW



**Code 874 - 2 MARINE BAILER**



**Code 874 FUNNEL-BAILER WITH FILTER**



**FIRST AID KIT**

**Contents:**

- Plaster roll
- Sterilized gauzes CE
- Hemostatic bandage CE
- Hemostatic elastic CE
- Bandages ( 3 pcs) CE
- Triangular bandage CE
- Band Aids (10 pcs) CE
- Threads (3 pcs) CE
- Burnshield hydrogel blottCE
- Isothermal blanket CE
- Handkerchief dipped in alcohol (4 pcs)
- Gloves of one use (4 pcs)
- Scissors
- Plastic Forceps
- Safety pins (4 pcs)
- First Aid Instructions

Code	Dimensions cm
510	L 23 x W 4,5 x H 16,8



**FIRST AID KIT**

Multiple use for the boat, house, car etc.

**Contents:**

- Handkerchief dipped in hydrogen peroxide
- Cotton
- Traumatplast

Code	Dimensions cm
545	L 23,5 x W 17 x H 4



NEW

**Code 509**

**FIRST AID KIT SOLAS 74**

Approved according to the greek regulations of the directive **92/29/E.U.** approval no **MMM/MSI 1423 BNTL/3/98**

**Contents:**

- Anti-Angina Preparations,
- Anti-Hemorrhagics Including Uterotonics,
- Anti-Acid Mucous Dressings,
- Anti-Emetics,
- Anti-Diarroals,
- Analgesic-Antipiretics,
- Analgesic-Anti-Inflammatory Praparation,
- Antiseptic Mercurchrom,
- Antiseptic Eau Oxygenee,
- Burn Preparation,
- Cannula for Mouth to Mouth Resuscitation,
- Adhesive Elastic Bandage,
- Sterile Gauze Compresses,
- Cotton Wool,
- Disposable Polyethylene Gloves,
- Adhesive Dressings,
- Sterile Compression Bandahees,
- Adhesive Sutures,
- Sterile Gauze with Fatty Water and Vegetable Oils for Burns,
- Adhesive Tape,
- Scissors,
- Thermometer,
- Disposable Syringes 2.5ml - 5ml



**FIRST AID KIT**

Multiple use for the boat, house, car etc.

**Contents:**

- Cotton
- Stick for bites
- Gauzes (6 pcs)
- Handkerchief dipped in alcohol (4 pcs)
- Leucoplast (10pcs)
- Gloves of one use
- Mask
- Handkerchiefs

Code	Dimensions cm
508	L 28,5 x W 8,5 x H 16



**FIRST AID KIT**

Multiple use for the boat, house, car etc.

**Contents:**

- Gauzes
- Handkerchiefs
- Gloves of one use
- Mask
- Cotton
- Traumatplast
- Handkerchief dipped in alcohol

Code	Dimensions cm
546	L 22,5 x W 7 x H 20

**Code 4394**

**ANTI - NAUSEA WRISTBAND (PAIR)**

It is a non-drug aid against nausea. Exerts gentle pressure on points on each wrist in order to avoid the unpleasant effects of nausea. Used throughout the world by yachtsmen, pilots, divers, physicians and hospitals.





### FOAM FIRE EXTINGUISHERS AFFT - PORTABLE

Fire extinguisher suitable for fires caused by materials and liquids. It can be stored everywhere on your boat, house, car etc. **Approved Type CE and EN3.**

526, 526-1 520-2, 520-3

Code	Capacity lt	Gauge	Body	Type of hasp
526	0,75	No	Metallic	Plastic
526-1	1	No		
520-2	2	Yes	Metallic	Metallic
520-3	3	Yes		



### POWDER FIRE EXTINGUISHERS ABC 40% - PORTABLE

Fire extinguisher suitable for fires caused by materials and gas. It can be stored everywhere on your boat, house, car etc. **Approved Type CE, EN3 and Solas.**

3706-2, 3706-3 3706-6

Code	Capacity lt	Gauge	Body	Type of hasp
3706-2	2	Yes	Metallic	Metallic
3706-3	3	Yes	with metal- lic base	
3706-6	6	Yes		

### AUTOMATIC FIRE EXTINGUISHING AMPOULE

The automatic firefighting ampoule is a high technology product containing a chemical liquid tightly closed in a glass ampoule without being compressed. It is suitable for extinguishing all types of fires, Class A, B, C, F and E. Causes no damage to machinery and electronic equipment and leaves no residue. Can be activated either automatically or manually. The automatic activation is achieved when the temperature reaches 90 °C, without requiring any external power. Activation time does not exceed 45 seconds from the time of fire detection. The manual activation can be achieved in two ways: The first is to throw directly the ampoule into fire. The second way is to mix the content of the ampoule with water and spray the new mixture in the burned area. The latter is indicated in cases where the fire has been extended and require greater volume of extinguisher liquid. During fire extinguishing the chemical liquid produces a protective film on the burned area preventing further inflammation. It is equipped with a red safety glass of 1 mm thickness. Covers an area of 4 m<sup>2</sup> or 8 m<sup>2</sup> when the mounting height above the protected surface is set at 2 m. It is completely environmentally friendly and harmless to humans and animals. It is available with stainless steel support base and can be used in engine rooms, boiler rooms, elevators, electrical control panels and kitchens. 10 years guarantee. **ISO, DIN, BS, EN certified.**



**NEW**

Code	Capacity ml	Dimensions mm	Weight kg
3712	600	Ø 80 x 280	1,03



### AUTOMATIC FIRE EXTINGUISHING SYSTEM FOR THE ENGINE ROOM

Specially designed for boats and yachts. Works automatically when the temperature in the engine room reaches 93 C°. Filled with friendly Eco clean gas Ozone HCF 227 (FM200). The gas does not damage the engine and is safe for the living persons and animals. Relief duration less than 10 seconds. Can be refilled after use. Strong wall bracket is included. **ISO 9094 certified by RINA and CE marked.**

Code	Capacity kg	Diameter mm	Height mm	Room dimens. m <sup>2</sup>
4715-1	1	110	380	1,7
4715-2	3	130	400	5



### FIRE EXTINGUISHER FIREX

This is a Revolutionary Fire Extinguisher that does not contain Propellant Gas. The working concept is that the extinguishing agent is been discharged via a pioneer elastomer silicon cartridge. It contains 800ml of special extinguishing foam. It is suitable for suppressing fires: A (Flammable Solids), B (Flammable Liquids), C (Cooking Oil and Fats). It has a flexible use due to its low weight, Easy, orientation-independent use (360 degrees), Long range of action, greater than 6m, it is made entirely from recyclable plastics. **Approved type CE, GS (Safety Product German Approval), MIRTEC (Test Certificate of Fire).**

Code	Capacity ml	Dimensions of the cylinder cm	Weight Kg	Operating temperature
3743	800	H 33,6 x Ø 8,1	1,31	0°C up to 60°C

### PORTABLE FIRE EXTINGUISHER AEROSOL

The smallest Aerosol portable fire extinguisher: It is a new generation fire extinguisher with a clean and economic extinguishing agent that does not leave stains after suppressing the fire. It is easy to use due to its small size. The fire extinguisher is not pressurized and there is no need of annual service. It is environmental friendly - easy to use, safe and **CE Certified.**



Code	Capacity ml
3744	800

**Code 4409**

### RUBBER CLAMP

Ideal for holding fire extinguishers, oxygen cylinders, CO2 tanks and other equipment. Mounts easily with one bolt or screw and with the strap facing any direction. Holds object of 64-191mm diameter and up to 23 kg.



**Code 3711 - Black  
PLASTIC STAND FOR  
FIRE EXTINGUISHER 2 Lt.**



**Code 973-1  
PLASTIC CASE FOR  
FIRE EXTINGUISHERS  
1 Kg/1 Lt.  
Dimensions: 33 x 14 cm**



2941

**EVAL SAFETY HARNESS**

Tested and approved according to the European standard EN ISO 12401 for use on small boats (even for racing purposes). It features stainless steel buckle, a strong stainless steel D-ring for attachment with a safety line and fully adjustable shoulder and waist webbing. It is equipped with nylon fabric at the back for consistent fit.



2941-1

Code	Weight kg	Type
2941	50+ kg	Adult
2941-1	20-50 kg	Child

**SAFETY LINES**

Specially manufactured for comfort and light weight. With stainless steel hooks. Approved according to EN ISO 12401.

Code	Description	Length Max cm
2943	Double hooks stainless steel and elastic webbing *	125 - 187
2943-1	Single hook stainless steel *	195
2943-2	Double hook stainless steel *	195
2943-3	Triple hook stainless steel*	190



2943

2943-1

2943-2

2943-3

► \*The safety lines may be manufactured with optional overload indicator upon request. (fig1)



[ Fig 1 ]



3525-1

NEW



3525-2

**BOSUN'S SEAT**

Bosun's mast seat made of inner layer PVC. Complete with adjustable Stainless Steel buckles, tested belts and tool holder pockets.

Code	Type
3525-1	With webbing
3525-2	With webbing and pocket

**SAFETY LINE SNAP HOOK**

Stainless steel and approved according to EN ISO 9227.

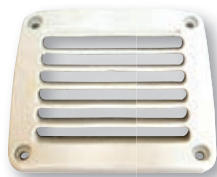
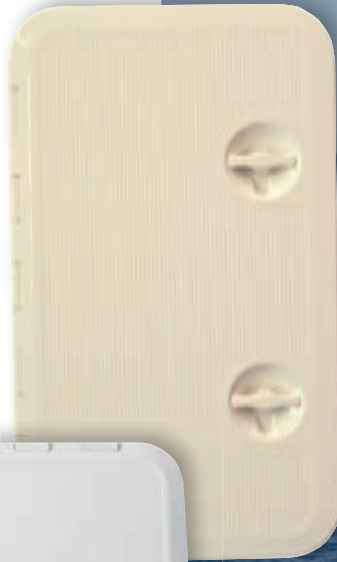
Code	Breaking load kg
3195	1500



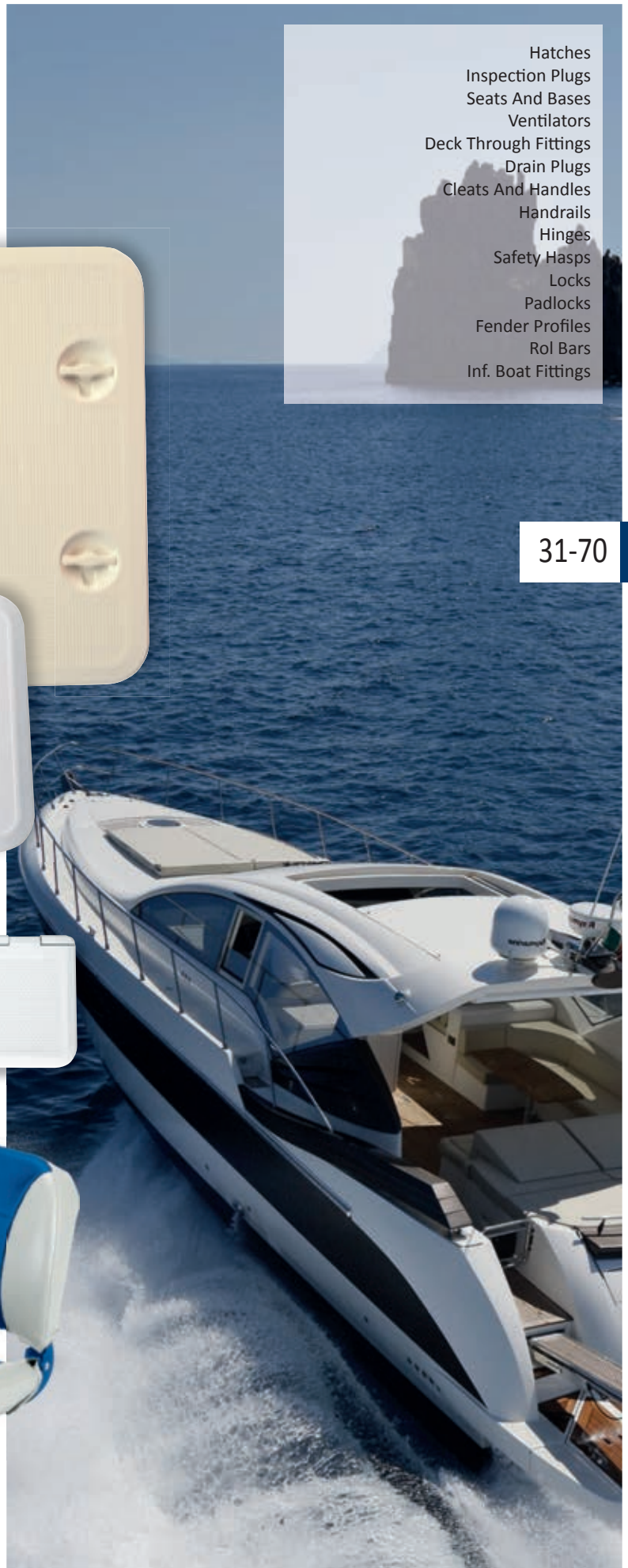


# STANDARD EQUIPMENT

- Hatches
- Inspection Plugs
- Seats And Bases
- Ventilators
- Deck Through Fittings
- Drain Plugs
- Cleats And Handles
- Handrails
- Hinges
- Safety Hasps
- Locks
- Padlocks
- Fender Profiles
- Roll Bars
- Inf. Boat Fittings



31-70



**HATCHES EVAL**

The Hatches EVAL are constructed from durable, UV resistant ABS plastic and are designed with non-skid surface, all these make them suitable for extended external use. They can also be mounted , in vertical or horizontal position, so that could be achieved the access and the control of various areas of a boat. The Hatches EVAL feature an O-ring seal that makes them watertight, 180° opening door, with one or two handles, where you can install a lock and are mounted with hidden screws for discrete appearance. Available in white color and upon special request in grey, beige and black color

STANDARD EQUIPMENT



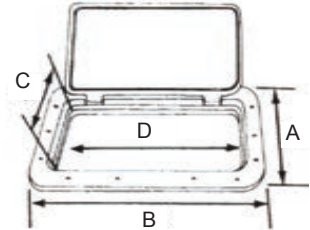
\*Chrome handle (code PA2989CH) is available for codes 2989, 2991, 2992, 2990 and 2993



With chrome handle



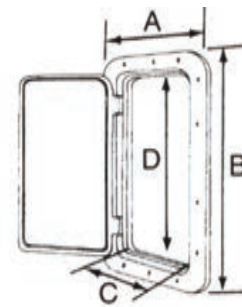
Code. 3367



Code	A mm	B mm	C mm	D mm	H x l mm
<b>2989 - GREY</b>					
<b>2989 - WHITE</b>	270	372	189	293	198 x 298
<b>2989 - BEIGE</b>					



\* Spare hasp with code PA2989

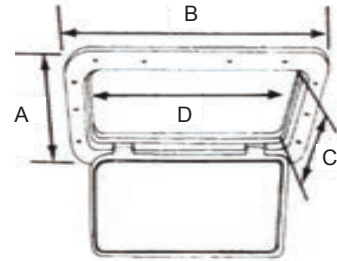


Code	A mm	B mm	C mm	D mm	H x l mm
<b>2991 - GREY</b>					
<b>2991 - WHITE</b>	372	372	290	292	300 x 300
<b>2991 - BEIGE</b>					



Code	A mm	B mm	C mm	D mm	H x l mm
<b>2992 - GREY</b>					
<b>2992 - WHITE</b>	460	510	382	439	390 x 445
<b>2992 - BEIGE</b>					

Code	A mm	B mm	C mm	D mm	H x l mm
<b>2990 - GREY</b>					283
<b>2990 - WHITE</b>	355	603	277	524	x
<b>2990 - BEIGE</b>					530



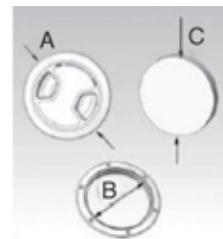
Code	A mm	B mm	C mm	D mm	H x l mm
<b>2993 - GREY</b>					
<b>2993 - WHITE</b>	248	603	164	524	173 x 530
<b>2993 - BEIGE</b>					



**INSPECTION PLUGS EVAL**

They are constructed from durable, UV resistant ABS plastic and are designed with non-skid surface, all these make them suitable for extended external use. They have detachable cover so that you can completely remove it, their opening is easy, since the specially designed thread automatically ejects the cover, once you turn it 90o anticlockwise. In that way someone can achieve the access and control of various areas of a boat. The Watertight Plugs EVAL feature an O-ring seal that makes them watertight and are mounted with hidden screws for discrete appearance. They are available in white, grey and beige color.

Code	A mm	B mm	C mm
<b>2952 - GREY</b>			
<b>2952 - WHITE</b>			
<b>2952 - BEIGE</b>	145	104,2	115
<b>2952 - TRANSPARENT</b>			
<b>2953 - GREY</b>			
<b>2953 - WHITE</b>			
<b>2953 - BEIGE</b>	176	128,2	139
<b>2953 - TRANSPARENT</b>			
<b>2954 - GREY</b>			
<b>2954 - WHITE</b>			
<b>2954 - BEIGE</b>	210,6	152,2	163
<b>2954 - TRANSPARENT</b>			



NEW

**MIRROR POLISHED STAINLESS STEEL 316 INSPECTION MANHOLE**

The rubber o-ring provides a water tight seal. Easy opening and self-cleaning thread.

Code	A External Diam. mm	B Internal Diam. mm
<b>2909</b>	146	110

**Code 4502 KEY FOR PLUGS**  
Made of stainless steel.



**CHROMED BRASS LOCK**  
Suitable for hatches, cupboards etc. With stainless steel shim.

Code	Depth mm	Thread diameter mm
<b>1110</b>	22	20



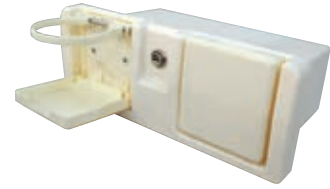
**VHF / RADIO HATCH WITH BOX**  
Hatch and Box made of strong ABS with UV resistance. It can be combined with a lock (code 3367)

Code	Dimensions mm
2923	L 285 x H 180 x D 250



**HATCH**  
Hatch made of strong ABS with UV resistance. It can be combined with a locker (code 3367) It can be combined with code 2923.

Code	A mm	B mm	C mm	D mm
2922	180	285	130	226



**PLASTIC GLOVE BOX WITH ADJUSTABLE DRINK HOLDER**

Code	Dimensions mm
3802	345 x 135 x 190



**PLASTIC GLOVE BOX WHITE**  
With 2 keys.

Code	Dimensions mm
4235	300 x 100 x 189



**ROUND HATCH**

Code	Int. Diam. mm	Ext. Diam. mm
985 - WHITE	235	315



**HATCH PULL**  
Stainless Steel.

Code	Diameter mm	Height mm
3362	32	54



**WATERPROOF DECK PLUG WITH BAG**  
White color.

Code	Deck Plug Diam. mm	Total Height mm
2967	205	280



**PLASTIC CASE WITH LID**  
Suitable for toilet paper.

Code	Ext. Dimen. mm	Int. Dimen. mm	Height mm
4532	165 x 165	116 x 126	126



**FLUSH FITTED CASE WHITE**  
Suitable for storing several objects.

Code	Ext. Dimen. mm	Int. Dimen. mm
2960 - WHITE	543 x 247 x 120 (Depth)	495 x 200



**FLUSH FITTED STORAGE CADDY WHITE**  
Made of resistant plastic.

Code	Int. Dimen. mm	Height mm
4236	185 x 90	92



**ELASTIC NET TO CARRY VARIOUS OBJECTS**

Net manufactured in string of unalterable synthetic material. Supplied all around with a rubber cord and nylon hooks

Code	Dimensions (mm)	Weight gr
4914-1	300 x 200	200
4914-2	400 x 200	250

**STORAGE CASE WITH NET**

Made of white UV plastic. Ideal for storing various items on board. They come with a special sticker for easy installation on inflatable and open boats.



Code	Dimensions mm
4402 - 1	L 205 x W 120 x D 10
4402 - 2	L 205 x W 120 x D 32
4402 - 3	L 260 x W 115 x D 10
4402 - 4	L 260 x W 112 x D 32



**FLUSH FITTED STORAGE CADDY WHITE**  
Made of resistant plastic.

Code	Int. Dimen. mm	Height mm
4237	255 x 89	83



**RECTANGULAR ELASTIC NET AS OBJECT-HOLDER**

Code	Dimensions (mm)	Color
4913	180 x 365	WHITE

A variety of seats is available in several dimensions for every type of boat. Extremely comfortable, they guarantee your pleasant residence on boat. Made in such way that they are resistant to the sun and water.



**PLASTIC SEAT-WHITE**

Plain design, comfortable and extremely resistant. Suitable also for small fishing crafts.

Code	Dimensions cm
1871	L 46 x W 41 x H 43



**PLASTIC SEAT-WHITE**

Combined with seat base code 1776-1

Code	Dimensions cm
1776	L 51 x W 47 x H 45



**METAL PLATE CONNECTING BASE AND SEAT**

Made of anodised aluminum. It is combined with code 1776. It is combined with seat bases with codes 4245, 4245-1, 4244-75, 4344.

Code	Dimensions mm
1776-1	H 300 x W 200



**BUCKET SEAT**

With anatomic back and hand-rests. Combined with all seat bases.

Code	Dimensions cm
1777	L 53 x W 53 x H 51



**FOLDABLE SEAT**

Blue and white. Combined with all seat bases.

Code	Dimensions cm
4242	L 45 x W 45 x H 45,5



**PLASTIC SEAT-WHITE**

With pillows on the back and base for better protection and more comfort.

Code	Dimensions cm
1775	L 51 x W 47 x H 45



**Code 4243 SEAT**

Blue. Width 38 cm with 7,5 cm rise at the back.



**FOLDABLE SEAT**

Extremely comfortable and resistant. Combined with all seat bases.

Code	Dimensions cm	Color
1873-WH		WHITE
1873-GR	L 51 x W 48 x H	GREY-CHARCOAL
1873-RD	40,5	GREY-RED
1873-BL		GREY-BLUE

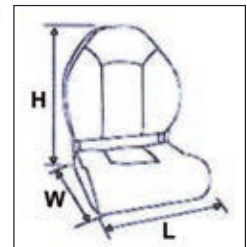




**FOLDABLE SEAT**

Extremely resistant and comfortable with reinforced hinges. Made of polyurethane foam and vinyl upholstery. It can be combined with all seat bases.

Code	Dimensions cm	Color
<b>4975-W</b>	L 38 x W 39,5 x H 46	White – Blue



**FOLDABLE SEAT**

The seat is specially designed to fit the body's contour completely. The thick seat and back cushions provide incomparable comfort. The upholstery is of UV treated marine grade vinyl. Hinges and hardware are made of aluminium specially treated to resist corrosion. Pinchless aluminium hinges are available. Combined with all seat bases.

Code	Dimensions cm	Color
<b>3758-GR</b>	L 43,2 x W 44,5 x H 53,3	GREY -CHARCOAL
<b>3758-BL</b>		GREY -BLUE
<b>3758-BU</b>		GREY-BURGUNDY



**FOLDABLE SEAT**

Extremely anatomic and comfortable. Various colours to choose from. Combined with all seat bases.

Code	Dimensions cm	Color
<b>4253 - BL</b>	L 35 x W 40 x H 48	BLUE
<b>4253 - GR</b>	L 35 x W 40 x H 48	GREY
<b>4253 - WH</b>	L 35 x W 40 x H 48	WHITE



Code	Dimensions cm	Color
4257 - WH	L 37 x W 43 x H 60	WHITE
4257 - GR	L 37 x W 43 x H 60	GREY - DARK GREY
4257 - RD	L 37 x W 43 x H 60	RED - GREY
4257 - GREEN	L 37 x W 43 x H 60	GREEN - BEIGE
4257 - BL	L 37 x W 43 x H 60	BLUE - WHITE
4257 - BG	L 37 x W 43 x H 60	BEIGE - SAND

**FOLDABLE SEAT**

Extremely anatomic and comfortable. Various colours to choose from. Combined with all seat bases.



Code	Dimensions cm	Color
1772-WH	L 37 x W 43 x H 53	WHITE
1772-GR	L 37 x W 43 x H 53	GREY - DARK GREY
1772-RD	L 37 x W 43 x H 53	GREY - RED

**FOLDABLE SEAT**

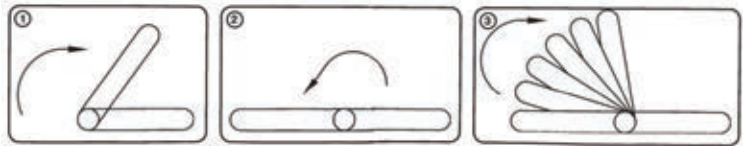
Extremely anatomic and comfortable. Various colours to choose from. Combined with all seat bases.



**FOLDING COMFORT SEAT**

Provides full back support and can be adjusted in 5 different positions. It is equipped with anti-sliding base and it is water-repellent. Can be stored everywhere as it is easily handled by folding and unfolding. Withstands ultraviolet radiation. Weight 3 kg. Combined with all seat bases.

Code	Material	Dimensions cm	Color
4717 - 1	Acrylic	L100 x W48 x H8	BLUE
4717 - 2	Sunbrella	L100 x W48 x H9	BEIGE
4717-3	Acrylic	L100 x W 48 x H 8	RED

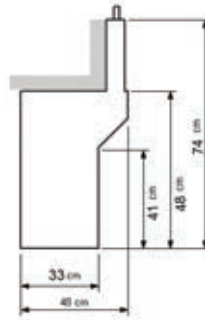


**FOLDING COMFORT SEAT WITH INTEGRATED MOUNTING PANELS WITH VELCRO**

With this foldable seat you can sit comfortably in a dinghy. It is very easy to mount on the seating bench or on the floor. Of course you can also use the tender at other places. It provides full back support and can be adjusted in 5 different positions. It is available in 3 standard colors; white Vinyl, Captains blue and grey acrylic fabric. The bottom has a waterproof non-skid Bottom Protection with integrated mounting panels which are easily to assemble with a velcro closure.

Code	Material	Dimensions cm	Color
4718-1	Acrylic	L 75 x W 45 x H 8	White
4718-2	Acrylic	L 75 x W 45 x H 8	Grey
4718-3	Acrylic	L 75 x W 45 x H 8	Blue





**POLYESTER SEAT WITH BACK & PILLOW**

Comfortable and stylish with storage space. It has pillows, inox grip 60cm length, storage space underneath the seat pillow and at the back of the seat, where a big hatch is fitted. Resistant at the sea conditions thanks to its UV.

Code	Dimensions cm	Color
4874-4	L 86 x Depth 48 x H 82	White with grey pillows



**Code 1053 SEAT HINGE INOX**

Length opened : 33 cm x 33 cm



**POLYESTER SEAT WITH BACK & PILLOW**

Comfortable and stylish with storage space, suitable for limited space. It has pillows, plastic grip, storage space underneath the seat pillow and at the back of the seat, where a hatch is fitted. Resistant at the sea conditions thanks to its UV.



Code	Dimensions cm	Color
4874-5	L 65 x Depth 48 x H 65	White with grey pillows

**FOLDABLE SEAT-PILLOW for BOAT SEAT**

Resistant and comfortable with reinforced hinges, made of polyurethane foam. It is combined with the boat seat code 4874-3.

Code	Dimensions cm	Color
3568-10	L80 x W 35 x H 48	Grey



**PILLOW FOR BOAT SEAT**

Removable pillow with UV resistant for seat with code 4874\*

Code	For code	Dimensions cm	Color
3568-1	4874-1	L58 x W 38,5 x H 6	White
3568-2	4874-2	L98 x W 35 x H 6	
3568-3	4874-3	L82 x W 35 x H 6	



**BOAT SEAT WITH STORAGE SPACE**

Made of waterproof polyester with special storage space and it can be combined with removable pillow with UV resistant code 3568\*.

Code	Dimensions cm	Color
4874 - 1	L 61 x W41 x H 35,5	White
4874 - 2	L 102 x W38,5 x H 35,5	
4874 - 3	L82 x W 35 x H 35,5	



**FOLDING DECK CHAIR**

This high end folding chair combines style and elegance with superior ergonomics. Made of white vinyl with anodized aluminum frame, tube 25mm external diameter and wood on the armrests.

Code	Dimensions cm
<b>3978</b>	H 87 x W 54 x Depth 50



**FOLDING DECK CHAIR**

This high end folding chair combines style and elegance with superior ergonomics. Made of blue polyester fabric of 600 denier with anodized aluminum frame, tube 25mm external diameter and varnished Hardwood on the armrests.

Code	Dimensions cm
<b>3980-1</b>	H 82 x W 60 x Depth 55



**STOOL**

This high end stool combines style and elegance with superior ergonomics. Made of white vinyl with anodized aluminum frame, tube 25mm external diameter.

Code	Dimensions cm
<b>3979</b>	H 60 x W 54 x Depth 50



**FOLDING ROUND TABLE**

Ideal for the limited space of the boat. Its legs are made of anodized aluminum tube 25mm external diameter. The table top material is white melamine with superior resistance to humidity.

Code	Dimensions cm
<b>3982-2</b>	Ø 60 x H 41



**FOLDING TABLE**

Ideal for the limited space of the boat. Its legs are made of anodized aluminum tube 25mm external diameter. The table top material is white melamine with superior resistance to humidity.

Code	Dimensions cm
<b>3982-5</b>	L 60 x W 40 x H 41



**FOLDING TABLE**

Ideal for the limited space of the boat. Its legs are made of anodized aluminum tube 25mm external diameter. The table top material is white melamine 16mm with superior resistance to humidity.

Code	Dimensions cm
<b>3982-1</b>	L 80 x W 40 x H 51
<b>3982-4</b>	L 95 x W 60 x H 66



**FULLY FOLDING TABLE SET WITH 4 STOOLS**

Folding table with 4 stools  
 - The top of the table is made of MDF  
 - Aluminum tubes of Ø 25 mm with a matte finish  
 - Equipped with a practical fabric under the top of the table for placing objects and a large side pocket for the same use  
 - It folds completely to form itself as a carrying bag.

NEW

Code	Table Dimensions cm	Stool Dimensions cm
3934	120 x 60 x 70	42 x 30 x 34



**TOP PART OF SEAT BASE**

For the seat bases with code 4245, 4245-1 and 4244-75. Also it can be connected with code 4289 (sliding part for base). It fits with Ø73mm tube.

Code	Dimensions mm
4344	175 x 175



**ADJUSTABLE SEAT BASE**

Made of aluminum. With removable upper part.

Code	Height mm	Base Diam. mm	Tube Diam. mm	Telescopic tube Diam. mm
4244-75	500 / 750	225	73	66



**TURNABLE PEDESTAL TOP FOR SEAT & SEAT BASE**

It can be used in two different ways. It can be adjusted between base and seat, turning the base into rotary one. It can also be used as a rotary base. For codes 1871, 1776, 1777, 4242, 1864, 1873, 4257\*, 4253\*, 1772\*.

Code	Dimensions mm
4315	150,6 x 150,6

**Code 4289  
SLIDING PART FOR SEAT BASE**

Dimensions 33cm x 18 cm  
 For the codes 4244-75, 4245, 4245-1 and also for code 4344 (for the top base part) 360° rotation, with automatic locking in forward position and forward & backward adjustment function.



**FIXED SEAT BASE**

Made of aluminum.  
 With removable upper part.

Code	Height mm	Base diameter mm	Tube diameter mm
4245	450	225	73
4245 - 1	300	225	73



**ADJUSTABLE TABLE BASE**  
Made of aluminium.

Code	Height mm	Base Diam mm
4480	370 / 550	235



**ALUMINIUM TABLE BASE**  
With flush base and swivel top.

Code	Height mm	Diam mm	Base Diam mm
1769	762	60	156



**ALUMINIUM TABLE BASE**  
Surface mount base and swivel top.

Code	Height mm	Diam mm	Base Diam mm
1768	750	50	190



**ALUMINIUM TABLE BASE**  
White. With thread for codes 1806 and 1807.

Code	Height mm	Tube Diam mm	Thread diameter mm
1798	770	50	73



**FLUSH PLASTIC MOUNTING BASE**  
This flush plastic mounting base fits in between the tube and the boat deck. It is combined with codes 1798 and 1807. White.

Code	Height mm	Diam mm
1806	10	190



**PLASTIC MOUNTING BASE**  
This plastic mounting base fits in between the tube and the table (4732,4733). It is combined with codes 1798 and 1806. White.

Code	Height mm	Diam mm
1807	55	190



**ROUND TABLE WITHOUT BASE**  
Round table surface made of ABS plastic with UV protection.

Code	Diameter cm	Thickness mm	Weight Kg
4732	61	3,62	1,76



4733

**TABLE WITHOUT BASE**  
Table surface made of ABS plastic with UV protection.

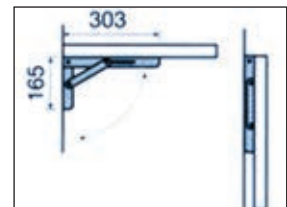
Code	Diameter cm	Thickness mm	Weight Kg
4733	81,3 x 61	3,8	2,2
4733-1	40,6 x 71	3,79	1,88



4733-1



**FOLDING ANGLE TABLE BRACKET INOX**  
For saving space. Suitable for table placed in limited space.



Code	Dimensions mm	Max Weight Kg
4593	L 303 x H 165	40



**DECK HATCH WITH FRAME**

Aluminum with framed tempered glass and support pole.

Code	External dimensions mm	Internal Dimensions mm
1733-35	350 x 350	306 x 306
1733-40	400 x 400	356 x 356
1733-45	450 x 450	406 x 406
1733-50	500 x 500	456 x 456
1733-55	550 x 550	506 x 506
1733-60	600 x 600	556 x 556



**DECK HATCH FRAMELESS**

Aluminum with frameless acrylic and friction hinge.

Code	External dimensions mm	Internal Dimensions mm
1711-35	350 x 350	300 x 300
1711-40	400 x 400	350 x 350
1711-45	450 x 450	400 x 400
1711-50	500 x 500	450 x 450
1711-55	550 x 550	500 x 500



**PORT-HOLE**

Made of aluminium. Opening design.

Code	External diameter mm	Internal diameter mm
3996-1	230 x 285	176 x 230
3996-2	265 x 265	211 x 211
3996-3	315 x 315	260 x 260



**SQUARE DECK HATCH**

Made of anodized aluminium and Plexiglas 10mm.

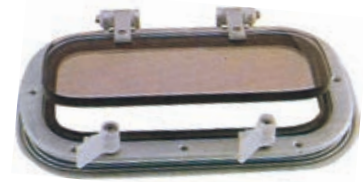
Code	Ext. Dimens mm	Int. Dimens mm
1564 - 47	470 x 470	415 x 415
1564 - 50	500 x 370	450 x 315
1564 - 54	540 x 540	490 x 490



**DECK HATCH**

White nylon frame and 2 regulative stainless steel struts with screen. Interior opening design makes unable to access from outside.

Code	Cut Out Dimens. mm	Frame Dimens. mm
1565	400 x 400	500 x 500



**RECTANGULAR PORT-HOLE**

Made of anodized aluminium and Plexiglas 10 mm. Opening design.

Code	Ext. Dimens mm	Int Dimens mm
1561 - 33	330 x 190	295 x 155
1561 - 39	390 x 240	350 x 200
1561 - 45	450 x 250	410 x 210



**OPENING ROUND HATCH**

Made of aluminium.

Code	External diameter mm	Internal diameter mm
3959-1	332	280
3959-2	530	478
3959-3	474	422
3959-4	574	522



**OVAL PORT HOLE**

Made of stainless steel and Plexiglass with fly screen. Opening design.

Code	Ext. Dimens. mm	Cut Out Dimens. mm	Hull Thickness mm
4574 - 2	400 x 200	355 x 155	26 - 38



**OVAL PORT-HOLE**

Made of anodized aluminium and Plexiglas 10 mm. Opening design

Code	Ext. Dimen mm	Int. Dimens mm
1560	380 x 190	365 x 170



**OVAL PORT-HOLE**  
Made of stainless steel and Plexiglas with fly screen. Opening design.



Code	Int. Dimens mm	Cut Out Dimens. mm	Hull Thickness mm
4534	457 x 198	407 x 148	26 - 40



**PORTHOLE**  
Stainless steel. Fixed, not opening design.



Code	External Dimensions mm	Internal Dimensions mm
1562	130 x 40	115 x 38,8



**PORTLIGHT**  
Stainless steel. With smoke-grey acrylic glass of 10 mm thickness and mosquito net. Opening



Code	External dimensions mm	Internal dimensions mm
1848-1	345 x 150	300 x 105
1848-2	460 x 200	415 x 155
1848-3	575 x 250	530 x 205



**ROUND PORT HOLE**  
Made of stainless steel and Plexiglas with fly screen. Opening design.

Code	Int. Dimens mm	Cut Out Dimens mm	Hull Thickness mm
4575-1	Ø 200	Ø 160	16-33
4575-3	Ø 300	Ø 265	16-33



**HATCH ADJUSTER**  
Stainless steel with adjustable length..

Code	Dimensions L max x L min x W mm
3237 - 1	430 x 300 x 13



**HATCH SPRING HOLDER**  
Stainless Steel.

Code	Length mm	Diam. mm
3348 - 1	210	11
3348 - 2	260	15



**STAINLESS STEEL GAS SPRINGS EYE - EYE**  
Stainless steel 316 fitted with eye terminals with hole size 8 mm.

Code	Open mm	Response kg	Body mm	Rod Ø mm
3113 - 1	355	24	18	8
3113 - 2	500	20	18	8
3113 - 3	500	40	18	8
3113 - 4	600	40	18	8
3113 - 5	700	45	22	10



**GAS SPRINGS**  
Sea water resistant. With chrome steel rod and epoxy painted tube.

Code	Length Overall mm	Power kg
3331 - 1	355	25
3331 - 4	550	20
3331 - 5	550	29
3331 - 100	950	70

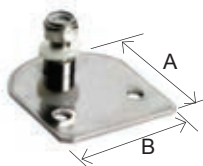


**HATCH SPRING HOLDER**  
Stainless Steel.

Code	Length mm	Diam. mm
3350	210	11



Code 3335-2  
**MOUNTING FOR GAS SPRINGS**  
Stainless steel, angled 90°.



**GAS SPRING FASTENING PLATE**  
Flat version made of mirror polished stainless steel. Threaded pin 8mm.

Code	A mm	B mm	Type
3335 - 3	45	35	compact




3333 - 1



3333 - 2

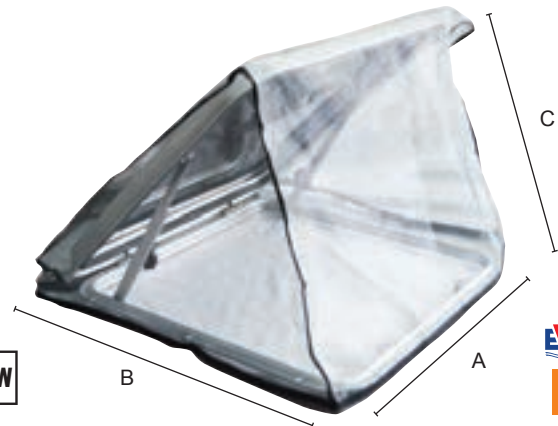
**GAS SPRING FASTENING PLATES**  
90° Version, made of mirror polished stainless steel.

Code	A mm	B mm	C mm	Type	Version
3333 - 1	30	50	30	Internal Thread	Threaded pin 8 mm
3333 - 2	25	35	25	External Thread	



**SUNSET CURTAIN**  
Foldable curtain

Code	Dimensions mm
1905 - 1	W360 x L400
1905 - 2	W450 x L500
1905 - 3	W500 x L600
1905 - 4	W680 x L780
1905 - 5	W910 x L340



**MOSQUITO HATCH COVER**  
Practical mosquito hatch cover. It offers protection from insects while allowing the fresh air circulate.

Code	Dimensions mm (A x B x C)
4001-1	540 x 540 x 350
4001-2	650 x 650 x 420
4001-3	750 x 750 x 515



3158   3159

**VENTS EVAL**  
The EVAL Ventilators are made of durable ABS plastic for higher durability and lifetime. Their mounting is very easy since they have been designed to be integrated into the bulkheads and secured with four screws. They are available in white color and in two different sizes.

Code	Dimensions mm
3158	L 124 x W 112 x H 12
3159	L 210 x W 108 x H 12



**PLASTIC VENTS**  
Made of ABS. Suitable for indoor ventilation

Code	Dimensions mm
955 - BLACK	L 260 x W 127
955 - WHITE	



**STAINLESS STEEL VENT**  
Suitable for indoor ventilation.

Code	Dimensions mm
3338 - 12	L 127 x W 115




**STAINLESS STEEL VENT**  
Suitable for the engine compartments.

Code	Dimensions mm
952 - 3	L 203 x W 108 x H 25
952 - 5	L 320 x W 108 x H 25



**STAINLESS STEEL VENT**

Code	Dimensions mm
951 - 40	L 45 x W 40
951 - 55	L 55 x W 63



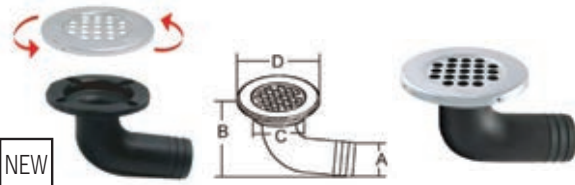
**PVC FLEXIBLE VENT WITH COVER**

Code	A mm	B mm	C mm
3306	95	160	235

**SOLAR POWER VENTILATORS**  
Made of plastic, connection 76,2 mm (3"), 138 lt (700 cu ft) volume of air. Two functions, intake and exhaust. No wiring required. The model with the rechargeable battery can run the vent up to 30 h without sunlight. EVAL solar ventilator operates using solar energy. The integrated photovoltaic system on its the upper part activates the fan and achieves high performance ventilation.

Code	Dimensions mm	Type
4500 - 1	Ø 76 x H 80	Without battery and switch
4500 - 2	Ø 76 x H 80	With rechargeable battery and switch





**90° STALON SHOWER DECK DRAIN**

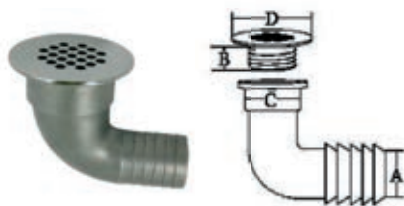
Nylon with Stainless Steel Cap removable cap for cleaning purpose. It has flush mount design with hose barb and concealed screws for better look.

Code	A mm	B mm	C mm	D mm
<b>799</b>	38	75	63	90



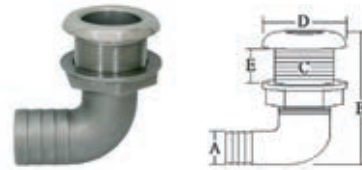
**DECK DRAIN SCUPPER 45°**  
Stainless Steel (of no return).

Code	A mm	B mm	C mm	D mm
<b>795</b>	38	58	115	91



**DRAIN GRATE WITH BARB ADAPTER 90°**  
Stainless Steel.

Code	A mm	B mm	C mm	D mm
<b>796</b>	39	18	50	70



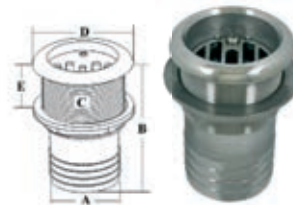
**STALON THRU-HULL**  
Plastic with stainless steel profile, suitable for stalon thru-hull.

Code	A mm	B mm	C mm	D mm	E mm
<b>768 - 19</b>	19	81	33	48	28
<b>768 - 25</b>	25	65	32	43	17



**HOSE SCUPPER (OF NO RETURN)**  
Stainless Steel.

Code	A mm	B mm	C mm	D mm	E mm
<b>867 - 38</b>	38	110	53	65	42
<b>867 - 50</b>	50	154	53	65	81

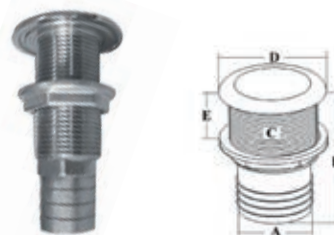


**COCKPIT DRAIN W/ GRATE (OF NO RETURN)**  
Stainless Steel.

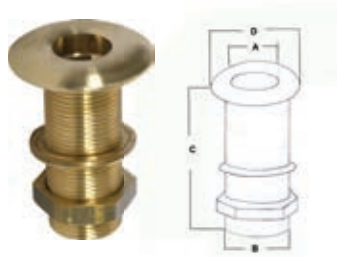
Code	A mm	B mm	C mm	D mm	E mm
<b>940</b>	51	96	53	65	29

**THRU-HULL**  
Stainless Steel.

Code	A mm	B mm	C mm	D mm	E mm
<b>819 - 4</b>	51	133	55	82	50
<b>819 - 5</b>	51	165	55	82	78







**BRASS THRU-HULL**

Code	A inches	A mm	B mm	C mm	D mm
924 - 01	3/4"	15.3	20.5	64.7	40
924 - 02	1"	19.2	26.2	69	48
924 - 03	1 1/4"	27	33	75.4	54
924 - 04	1 1/2"	33.7	41.5	84.5	64.7
924 - 05	2"	39	47.5	84	70
924 - 06	2 1/4"	49	59	98.8	82



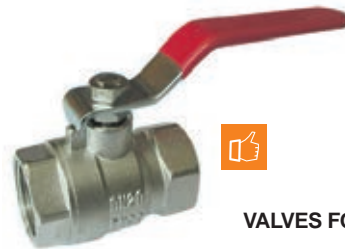
**BRASS INTAKE STRAINERS**

Code	Dimensions mm	Dimensions inch
934 - 01	12,7	1/2
934 - 02	19	3/4
934 - 03	25,4	1
934 - 04	32	1 1/4
934 - 05	38	1 1/2



**THROUGH HULL**  
Stainless steel.

Code	Diameter mm
889-1	9,5
889-2	12,7
889-3	19
889-4	25,4
889-5	31,75
889-6	38,1
889-7	50,8



**VALVES FOR MARINE**

Code		Dimension Inches
STAINLESS STEEL 316	BRASS CHROME	
4876-1	4877-1	1/4"
4876-2	4877-2	1/2"
4876-3	4877-3	3/4"
4876-4	4877-4	1"
4876-5	4877-5	1 1/4"
4876-6	4877-6	1 1/2"



**PLASTIC VALVES FOR TANK**

Code	Diameter inch
303 - 1	1/2"
303 - 2	3/4"
303 - 3	1"
303 - 4	1 1/4"
303 - 5	1 1/2"



**PLASTIC HOSE ADAPTORS** It is combined with code 303\*.

Code	Diameter inch
4411 - 1	1/2"
4411 - 2	3/4"
4411 - 3	1"
4411 - 4	1 1/4"
4411 - 5	1 1/2"



**CHROMED CONNECTOR**  
It suits with codes 4876\*, 4877\*.

Code	Diameter inch	Suitable for tube with diameter mm
865 - 1	1/4"	8,3
865 - 2	1/2"	13,5
865 - 3	3/4"	19
865 - 4	1"	25,5
865 - 5	1 1/4"	32
865 - 6	1 1/2"	38

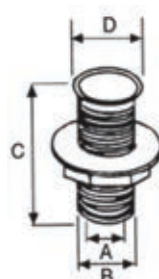
**PLASTIC THRU-HULL FITTINGS**

A big variety of plastic thru-hull fittings is available in several sizes. Some of those have valve of no return while others can carry adjustable drain plug serving therefore all kind of needs on the boat.



**PLASTIC THRU-HULL WITH THREAD**

Code	A mm	B mm	C mm	D mm
909-BLACK	20.2	21.5	126	41
909-WHITE				



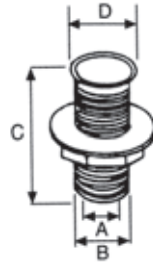
**PLASTIC THRU-HULL WITH THREAD**

Code	A mm	B mm	C mm	D mm
910-BLACK	24	32.8	140.6	50
910-WHITE				



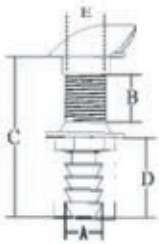
PLASTIC THRU-HULL WITH THREAD

Code	A mm	B mm	C mm	D mm
2957 - WHITE	22,67	30	84	39



PLASTIC THRU-HULL WITH THREAD

Code	A mm	B mm	C mm	D mm
2951 - WHITE	25	33	62	39



HOODED BARB DRAIN  
Nylon & Stainless Steel Cap.

Code	A mm	B mm	C mm	D mm	E mm
780	19	42	96	40	25



PLASTIC THRU-HULL WITH REMOVABLE CUP  
Suitable for boat transom.

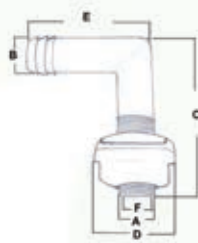


Code	Length mm	Ø mm
4228 - 57	57	19
4228 - 83	83	18



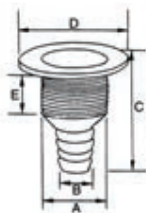
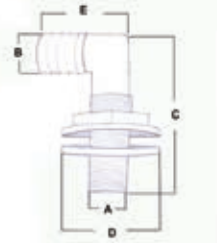
ELBOW THRU-DECK FITTING

Code	A mm	B mm	C mm	D mm	E mm	F mm
4225	22	19.4	64.3	37.7	50.8	14.4



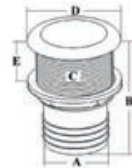
ELBOW THRU-DECK FITTING

Code	A mm	B mm	C mm	D mm	E mm	F mm
4226	30.7	28	109.4	61	63.4	22.2



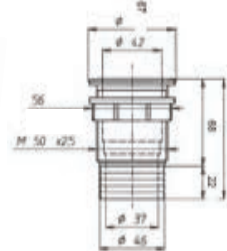
THRU-HULL

Code	A mm	B mm	C mm	D mm	E mm
904 - 15	22	15	75	43	39
904 - 18	25	18	83	51	43
904 - 25	33	25	84	54	40



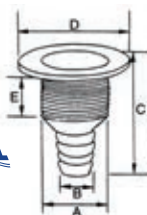
THRU-HULL  
Nylon & Stainless Steel Cap.

Code	A mm	B mm	C mm	D mm	E mm
2955 - 1	26	86	33	48	28



THROUGH-DECK FITTING  
White plastic thru-deck fitting

Code	Dimensions mm
4587 - 1	L 90 x Ø 42



THRU-HULL  
Resistant plastic with UV and stainless steel cup.

Code	A mm	B mm	C mm	D mm	E mm
2955-15	22	15	75	43	39
2955-18	25	18	83	51	43
2955-25	33	25	84	54	40



THRU-HULL CONNECTOR IN ABS

Code	A mm	B mm	C mm	D mm	E mm	F mm
769-38	38	40	120	36	74	55



**THRU-HULL WITH NO RETURN VALVE**

Code	A mm	B mm	C mm	D mm	E mm	F mm
<b>804</b>	42	46	114	50	83	38



**THRU-HULL WITH NO RETURN VALVE**

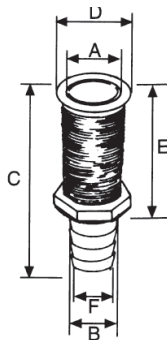
It is available drain socket kit code 2908.

Code	A mm	B mm	C mm	D mm
<b>2930</b>	46	40	159	70



**ELASTIC THRU-HULL**

Code	Length mm	Diam mm
<b>911 - 12/WHITE</b>	120	25
<b>911-15/WHITE</b>	150	25



**PLASTIC THRU-HULL FOR TUBE**

Code	A mm	B mm	C mm	D mm	E mm	F mm
<b>2959 - WHITE</b>	22,67	30	100	39,5	70	24



**THRU-HULL WITH NO RETURN VALVE**

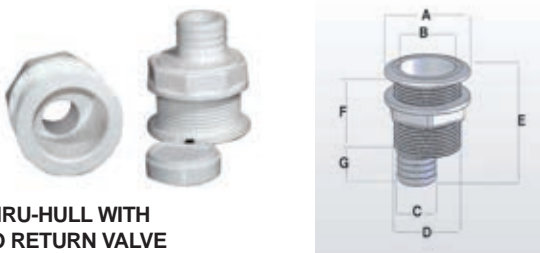
Code	A mm	B mm	C mm	D mm	E mm
<b>4308</b>	33	25	84	54	40



**THRU-HULL WITH NO RETURN VALVE**

Code	A mm	B mm	C mm	D mm	E mm
<b>913</b>	52	33	90	75	15

Available exchange membrane with PA913-3 code.



**THRU-HULL WITH NO RETURN VALVE**

Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm
<b>770</b>	64	42,2	30	50	78	50	24



**"T" NYLON JOINTS FOR WATER /FUEL HOSES**

Code	Ø mm
<b>3190-1</b>	10
<b>3190-2</b>	12
<b>3190-3</b>	14
<b>3190-4</b>	16
<b>3190-5</b>	18
<b>3190-6</b>	20



**"Y" NYLON JOINTS FOR WATER /FUEL HOSES**

Code	Ø mm
<b>3387-1</b>	10
<b>3387-2</b>	12
<b>3387-3</b>	14
<b>3387-4</b>	16



**NO RETURN WATER VALVE**  
Made of polypropylene.

Code	For internal diameter tube mm
<b>4378 - 2</b>	13/20/26
<b>4378 - 3</b>	25/32/38



**NO RETURN VALVE**  
Made of nylon.

Code	For internal diameter tubemm
<b>4378 - 1</b>	25/38



**DOUBLE ENDED HOSE CONNECTOR**  
Suitable for connecting tubes to boat bulk.

Code	A mm	B mm	C mm	D mm	E mm
<b>4227</b>	20	45	127.4	20.3	15



**DRAIN PLUG**  
Made of plastic with lock.

Code	Diameter mm
915 - 23	23
915 - 34	34
915 - 42	42



**DRAIN PLUG**  
Plastic with hasp

Code	Type	Diameter mm
3561-R	With hasp	50



**DRAIN PLUG**  
Made of plastic with lock.

Code	Diameter mm
3193 - 1	25



**STAINLESS STEEL FLIP TOP DRAIN PLUG**

Code	Diameter mm
801	25,4



**DRAIN PLUG**  
Made of stainless steel with lock.

Code	A mm	B mm	C mm	D mm
896	22	33	43	24



**ADJUSTABLE DRAIN PLUG**  
Made of brass with lock.

Code	Diameter mm
3194	22



**BRASS TWIST TOP DRAIN PLUG**

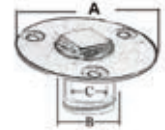
Code	Diameter mm
912	25,4



**BALL SCUPPER**  
Neutral buoyancy ball insures ball won't float up and break seal. Meets all ABYC standards. New easy twist-off design makes cleaning debris a snap. Simply twist, clean out. Stainless steel security pin provided for added safety. 70% more drainage than competitive models. Stainless steel lock screw for safety. Seal is slotted to fit over 1-1/4" (31,75 mm) motorwell tubes

NEW

Code	Dimensions mm
954	Ø 76,2 (3") x Height 63,5 (2-1/2")



**GARBOARD DRAIN PLUG**

Code	A mm	B mm	C mm	Type
916	50	25	18	Brush
916-1	50	25	18	Inox



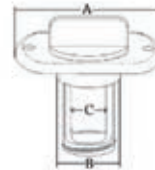
**DRAIN PLUG**

Code	Diam. mm	Length mm
914 - 1	20,5	35
914 - 2	23	36
914 - 3	24	46



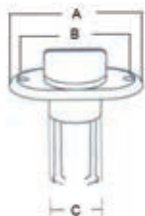
**DRAIN PLUG ROUND**  
Made of stainless steel 316.

Code	Length mm	Diameter mm	Hole Diameter mm
920	50	38	25



**OVAL DRAIN PLUG**  
Stainless Steel.

Code	A mm	B mm	C mm
2927	64	31	19



**PLASTIC DRAIN PLUG WITH NICKEL PLATED BASE**

Code	A mm	B mm	C mm	Color
4921	54	44	25	Chrome



**NAYLON DRAIN PLUGS**  
Also available spare water plug code 921.

Code	Length mm	Diameter mm	Colour
922	25	23	White
922 B			Black
921		SPARE MALE	White



**WATER TIGHT OVAL PLUGS**  
Color: White.

Code	Length mm	Diameter mm
923	27	25
923 - 1	67	25
923 - 2		SPARE MALE



**PLASTIC PLUGS EVAL**

Plastic Deck Plugs EVAL for filling water and fuel with large cap, blue for water and red for fuel, and with chain in order to avoid its loss..

Code	Internal tube Ø mm	Color
3153 - Water	38	Blue
3153 - Fuel		Red
3153 - Water		Chrome
3153 - Fuel		Chrome



**STAINLESS STEEL PLUG**

With ring nut and spring to avoid its loss.

Code	Internal tube Ø mm
930 - Water	38
930 - Fuel	
930 - Waste	
930 -50 - Fuel	50



**DECK FILL**

For Fuel. Made of nylon and fiberglass.

Code	Diameter mm
931-FUEL	38



**STAINLESS STEEL PLUG**

Vented stainless steel plug, angled 30°.

Code	Internal tube Ø mm
989 - Water	38
989 - Fuel	
989 - 50 - Fuel	50



**STAINLESS STEEL PLUG**

Vented plastic plug, straight, with integrated spring to prevent loss.

Code	Internal tube Ø mm
988 - Water	38
988 - Fuel	
988 - 50 - Fuel	50



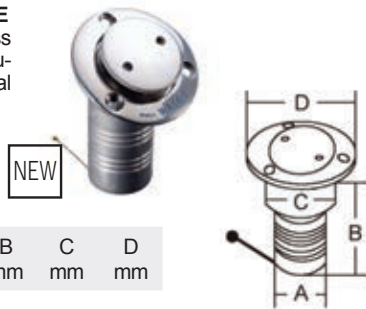
**NYLON PLUG**

Vented plastic plug, angled 30° with stainless steel cup with integrated spring to prevent loss.

Code	Internal tube Ø mm
1017 - Water	38
1017 - Fuel	

**POP OUT DECK FILL 30 DEGREE**

Stainless Steel 316. It has key-less pop out cap with spring loaded security cable. Color-coded international symbol with engraved lettering.



Code	Angle°	A mm	B mm	C mm	D mm
938 - Water	30°	38	90	45	76
938 - Fuel					



**FUEL PLUG STAINLESS STEEL WITH KEY**

Heavy duty stainless steel fuel plug with key and protection cup.

Code	Internal tube Ø mm
1628	38
1628-50 - Fuel	50



Code 4502  
**KEY FOR PLUGS**  
Made of stainless steel.



**ANGLED FUEL PLUG**

Stainless steel with recessed handle for screwing / unscrewing.

Code	Internal tube Ø mm
3040 - Water	38
3040 - Fuel	
3040 -50 - Fuel	



**STAINLESS STEEL PLUG**

Stainless steel with recessed handle for screwing / unscrewing.

Code	Internal tube Ø mm
933 - Water	38
933 - Fuel	
933 -50 - Fuel	



**PLASTIC CLEATS**

Code	Length mm
991 - 11	110
991 - 14	130
991 - 18	180
991 - 20	220



**STAINLESS STEEL CLEATS**

Code	A mm	B mm	C mm
1013-15	45	20	150
1013-20	60	36	200
1013-25	78	50	250



**STAINLESS STEEL CLEATS**

Code	Length mm
1018 - 12	125
1018 - 15	150
1018 - 20	200
1018 - 25	250
1018 - 30	300



**FOLDAWAY STAINLESS STEEL CLEATS**

Code	Dimensions mm
3580 - 4	L 126 x H 64
3580 - 6	L 160 x H 64



**STAINLESS STEEL PROTECTIVE GASKET**

They are placed under the stainless steel cleats with code 1013.

Code	For Code
4531 - 1	1013 - 15
4531 - 2	1013 - 20
4531 - 3	1013 - 25



**NAYLON PROTECTIVE GASKETS**

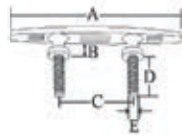
They are placed under the stainless steel cleats with code 1018.

Code	For Code	Length mm	Width mm
4424 - 12	1018 - 12	41	16
4424 - 15	1018 - 15	44	19
4424 - 20	1018 - 20	54	20



**STAINLESS STEEL STUDDED CLEATS**

Code	A mm	B mm	C mm	D mm	E mm
3581 - 22	177	22	70	43	8
3581 - 25	203	25	83	52	10



**PUSH-UP MINI-CLEATS**

Ideal for coupling fenders or small boats; made of mirror polished AISI 316 stainless steel.

Code	Base Dimensions mm	Hole mm
1048-1	89 x 31	22
1048-2	134 x 41	22

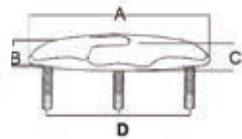
NEW



**X-FOLDING CLEAT**

Stainless Steel 316. Push down for low profile when not in use. No need for water drainage. Smooth edge avoids cutting of rope or foot injury. Special modern "X" design.

Code	A mm	B mm	C mm	D mm
1027-1	153	27	22	60
1027-2	203	34	30	80
1027-3	254	44	36	100

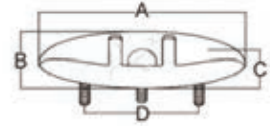


**PULL UP FOLDING CLEAT**

Made of Stainless Steel 316. It is easy to install and it folds down for flush when not in use. There is no need for water drainage. Designed with smooth edges to avoid rope cutting or foot injury.



NEW



Code.	Type	A mm	B mm	C mm	D mm	Stud Size
1043-1	Stud	155	55	13,5	85,5	5/16" x L:50(2")
1043-2	Stud	202	73	15	114	3/8" x L:62 (2-7/16")



NEW

**BULL DOG CLEATS**

Stainless steel 316.

Code	Length mm
3501-1	200
3501-2	250



NEW

**WHITE PLASTIC GASKET FOR CLEAT BASE**

White plastic gasket for the cleat base that helps prevent possible oxide filtering and give a better look to the cleats.

Code	Suitable for cleat code
3501-6	3501-1
3501-7	3501-2



**STAINLESS STEEL CLEATS**

Code	Dimensions mm
1004 - 14	L 150 x H 55
1004 - 20	L 250 x H 100



**STAINLESS STEEL BOW EYES**

Code	Dimensions mm	Diam mm
1029 - 05	L 80 x W 35	5
1029 - 06	L 90 x W 35	6
1029 - 08	L 85 x W 26	8
1029 - 08M	L 115 x W 26	8
1029 - 10	L 130 x W 45	10
1029 - 12	L 150 x W 50	12



**Code 3508**  
**RAIL MOUNT NAYLON**  
Spare part for codes 3507, 3506, 3572, 3573, 3375, 3378, 3567



**RAIL MOUNT LEAT**  
Plastic, black.



Code	Tube Diam mm
3507	22 - 25



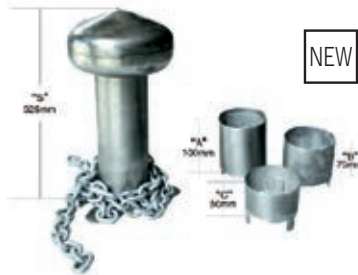
**ROLLER FAIRLEADS**  
Stainless steel 316. Fitted with hidden clamping tensioning screws. With stainless steel bearings.

Code	For rope Ø mm	Base mm	Height mm
2950-1	16/22	40x205	55
2950-2	24/32	45x260	75



**STAINLESS STEEL CLEATS**

Code	Dimensions mm	Diam mm
1014 - 5	L 120 x W95,2 x H120	60,3
1014 - 8	L 152,4 x W120 x H152,4	76,2



**CHAIN BOY STAINLESS STEEL WITH ADJUSTABLE HEIGHT**

Chain boy made of stainless steel with adjustable height. Available with 3 bases of different height. When combined with each other the height of the chain boy is differentiated according to the needs.

Bases combination:

Bases	Height mm
S + C	375
S + B	400
S + A	425
S + B + C	450
S + A + C	475

Code	Base Diameter mm	Cap Diameter mm	Adjustable height mm
4632	150	170	325-475



**TRANSOM MOUNT SKI TOW**  
Stainless steel.

Code	Ring Ø mm	Thread Leg mm
3332-2	63,5	50,8



**HANDLE**  
Made of PVC, suitable for both internal and external spaces. Color: light grey.

Code	Dimensions mm
1002 - G	L 250 x H 60



**HANDLE**  
Made of PVC, suitable for both internal and external spaces. Color: white.

Code	Dimensions mm
1002 - W	L 190 x H 38

**DECK U-BOLT INOX**

Suitable for fixing nylon belts; made of mirror polished AISI 316 stainless steel.

Code	Thickness mm	Diameter mm
1007	5	40



**HAND RAIL INOX**

Hand rail stainless steel 316, oval shaped.

Code	Length mm	Height mm	Type
637-1	170	40	With 2 studs
637-2	170	40	With 2 screws



**HANDLE**  
Made in rigid plastic material, suitable for both internal and external spaces. Color: grey.

Code	Dimensions mm
1003 - GR	L 205 x H 55



**TRANSOM HANDLE**  
Nylon. Available in white and black color.

Code	Length mm
1046 - BLACK	160
1046 - WHITE	160



**STAINLESS STEEL HANDRAILS**  
With stainless steel screws and finger grips for extra holding power.

Code	Dimensions mm	Diameter mm
670 - 40	L 400 x H 39	25
670 - 50	L 500 x H 39	25
670 - 60	L 600 x H 39	25



**ANODISED ALUMINIUM BOW CLE**

Code	Dimensions mm
999	L 11 x W 7,5 x H 12,5
1000	L 11 x W 7,5 x H 20



**STAINLESS STEEL HANDRAILS**  
With stainless steel screws.

Code	Dimensions mm	Diameter mm
669 - 30	L 300 x H 60	22



**STAINLESS STEEL HANDRAILS**

Code	Dimensions mm	Ø mm
668 - 20	L 200 x H 60	22
668 - 30	L 300 x H 60	22
668 - 40	L 400 x H 60	22
668 - 50	L 500 x H 60	22
668 - 60	L 600 x H 60	22
668 - 70	L 700 x H 60	22
668 - 80	L 800 x H 60	22
668 - 100	L 1000 x H 60	22



**HANDRAILS (pair)**

Made of anodized, polished aluminium and nylon junctions - bases. With one or two holders in the middle.

Code	Dimensions mm	Tube diameter mm
654 - 11	L 1100 x H 320	22
654 - 13	L 1300 x H 210	22



**HANDRAILS (pair)**

Made of Stainless Steel.

Code	Dimensions mm	Tube diameter mm
636 - 10	L 1000 x H 150	22
636 - 12	L 1270 x H 150	22



**ANGLED HANDRAILS (pair)**

Made of anodized, polished aluminium and nylon junctions - bases.

Code	Dimensions mm	Tube diameter mm
653	L 560 x W 200 x H 120	22



**ANGLED HANDRAILS (pair)**

Made of Stainless Steel 316.

Code	Dimensions mm	Tube diameter mm
3907	L 560 x W 200 x H 120	22



**HANDRAILS (pair)**

Made of anodized, polished aluminium and nylon bases.

Code	Dimensions mm	Tube diameter mm
652	L 800 x W 310	22



**HANDRAILS (pair)**

Made of Stainless Steel 316.

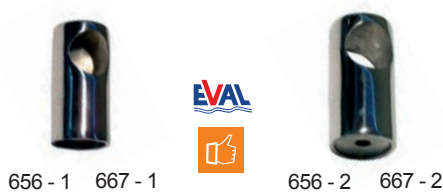
Code	Dimensions mm	Tube diameter mm
636 - 8	L 800 x H 150	22





**HANDRAILS AND TUBE FITTINGS  
CAST STAINLESS STEEL**

Code	Type mm	Hole Diameter mm	Grade
2422 - 22	BASE Ø 68	22	90°
2422 - 25	BASE Ø 70	25	90°
2419 - 22	BASE Ø 68	22	60°
2419 - 25	BASE Ø 70	25	60°
2425 - 22	BASE 43 x 76	22	90°
2425 - 25	BASE 47 x 81	25	90°
2424 - 22	BASE 43 x 76	22	60°
2424 - 25	BASE 47 x 81	25	60°
2421 - 22	STRAIGHT "T"	22	90°
2421 - 25	STRAIGHT "T"	25	90°
2420 - 22	STRAIGHT "T"	22	60°
2420 - 25	STRAIGHT "T"	25	60°
2418 - 22	CORNER	22	90°
2418 - 25	CORNER	25	90°
2416 - 1	CORNER	22	110°
2416 - 2	CORNER	22	125°
2417 - 22	CORNER	22	90°
2417 - 25	CORNER	25	90°
1684 - 1	CORNER	25	110°
1684 - 2	CORNER	25	125°



**FITTINGS FOR HANDRAILS AND TUBES STAINLESS STEEL**

Code	Type	Hole Diameter mm	Length mm
667 - 1	Blind tube end	22	55
667 - 2	Through center fitting	22	55
656 - 1	Blind tube end	25	65
656 - 2	Through center fitting	25	65

**TUBE END PLUGS**



Code	Type	Hole Diam mm	For Internal Tube Diameter mm
675	Plastic tube end	19	19



**PRESSED HANDRAILS AND TUBE FITTINGS  
STAINLESS STEEL**

Code	Type mm	Hole Diameter mm	Grade
691	BASE Ø 60	22	90°
686	BASE Ø 60	22	60°
690	STRAIGHT "T"	22	90°
689	STRAIGHT "T"	22	60°
685	CORNER	22	90°
687	END MOUNT	22	



**Code 667  
SET SCREWS**  
4 pieces. For codes 667-1, 667-2, 656-1 and 656-2.



**PLASTIC GASKET**  
Protective gasket. It is placed under the stainless steel tube fitting bases with code 691 & 686.

Code	Diameter mm
688	58



**HANDRAILS AND TUBE JOINTS  
STAINLESS STEEL**

Code	Type	Hole Diam mm
697 - 22	Inclined end fitting 60°	22
697 - 25	Inclined end fitting 60°	25
698 - 22	Inclined center fitting 60°	22
698 - 25	Inclined center fitting 60°	25
700 - 22	Inclined end fitting 120°	22
700 - 25	Inclined end fitting 120°	25



**HANDRAILS AND TUBE FITTINGS**  
Made of anodized, polished aluminum .

Code	Type	Hole Diam mm
674	Center fitting straight	22
676	Inclined center fitting 60°	22

**NARROW RECTANGULAR BASE**  
Stainless Steel.



Code	Length mm	Width mm	Hole Diameter mm
2428	73	31,75	22

**TUBE END PLUGS**  
Stainless Steel.



Code	For Internal Tube Diameter mm
681 - 22	19
681 - 25	23

**TWO WAYS CORNER**  
Stainless Steel. For tube diameter Ø 22 mm.



Code	Hole Diameter mm
2410	22

**FITTINGS FOR HANDRAILS AND TUBES**  
Stainless Steel.



Code	Hole Diameter mm	For External Tube Diameter mm
2427 - 22	22	22
2427 - 25	25	25

**HANDRAILS AND TUBE FITTINGS NYLON**

Code	Type	Hole Diam mm	For External Tube Diameter mm
662	Base 74 x 39 mm, 90°	22	22
663 - BLACK 663 - WHITE	Inclined Base 91 x 40 mm, 60°	22	22
2256 - WHITE 2256 - BLACK	Folding Base with fastener 63 x 47 mm	19	19
2257 - BLACK	Folding Base 63 x 47 mm	22	22
664 - BLACK 664 - WHITE	Folding Joint	22	22
665 - BLACK 665 - WHITE	Stanchion for holder	22	22



**ALUMINIUM TUBE**  
Anodized, mat.

Code	Diameter mm	Length m
701 - 22	22	5
701 - 25	25	
701 - 30	30	
701 - 35	35	



**STAINLESS STEEL POLISHED TUBE**

Code	Diameter mm	Length m
699 - 19	19	6
696 - 22	22	
696 - 25	25	



**HOLDER TUBE NYLON**

Code	Hole Diam mm	For Tube Diameter mm
678 - 20	20	20
678 - 25	25	25
678 - 30	30	30
678 - 35	35	35
678 - 40	40	40



**ALUMINIUM TUBE**  
Anodized, polished.

Code	Diameter mm	Length m
705	22	5



Inox Screws, nuts and more from EVAL all packed.



**HEXAGON SCREW DIN 933 INOX**

Code	Dimensions M x Length (mm)	Quantity (pcs)
4724-10	6 x 10	4
4724-20	6 x 20	4
4724-30	6 x 30	4
4724-40	6 x 40	4
4724-50	6 x 50	4
4724-60	6 x 60	4
4724-80	6 x 80	4
4725-20	8 x 20	4
4725-30	8 x 30	4
4725-40	8 x 40	4
4725-50	8 x 50	4
4725-60	8 x 60	4
4725-80	8 x 80	4
4725-100	8 x 100	4
4726-40	10 x 40	4
4726-60	10 x 60	4
4726-80	10 x 80	4



**SLOTTED FLAT HEAD COUNTERSUNK DIN 963 INOX**

Code	Dimensions M x Length (mm)	Quantity (pcs)
4841-40	4 x 40	20
4842-25	6 x 25	20



**HEXAGON LAG SCREWS DIN 571 INOX**

Code	Dimensions M x Length (mm)	Quantity (pcs)
4840-60	6 x 60	4
4836-50	8 x 50	4
4836-60	8 x 60	4
4836-70	8 x 70	4
4836-80	8 x 80	4



**SCREW DIN 963 INOX**

Code	Dimensions M x Length (mm)	Quantity (pcs)
4842-25	6 x 25	20



**PHILLIPS DRIVE OVAL HD TAPPING SCREW DIN 7983 INOX**

Code	Dimensions M x Length (mm)	Quantity (pcs)
4831-09	3,5 x 95	20
4831-25	3,5 x 25	20
4832-13	3,9 x 13	20
4832-16	3,9 x 16	20
4832-19	3,9 x 19	20
4833-16	4,2 x 16	20
4833-19	4,2 x 19	20
4833-38	4,2 x 38	20
4834-19	4,8 x 19	20
4834-25	4,8 x 25	20
4834-32	4,8 x 32	20
4834-38	4,8 x 38	20
4835-25	5,5 x 25	20
4835-32	5,5 x 32	20
4835-38	5,5 x 38	20



**PHILLIPS FLAT HEAD COUNTERSUNK DIN 965**

Code	Dimensions M x Length (mm)	Quantity (pcs)
4837-30	4 x 30	10
4837-35	4 x 35	10
4837-40	4 x 40	10
4837-45	4 x 45	10
4837-50	4 x 50	10
4838-20	5 x 20	10
4838-35	5 x 35	10
4838-45	5 x 45	10
4838-50	5 x 50	10
4838-60	5 x 60	10
4839-20	6 x 20	10
4839-35	6 x 35	10
4839-45	6 x 45	10
4839-60	6 x 60	10



**SCREW HOLDER WITH CAP**  
For screws 4,8 - 6 mm, plastic.

Code
635 - BLACK
635 - WHITE
635 - GREY



**HEXAGONAL NUT DIN 934 INOX**

Code	Dimensions (mm)	Quantity (pcs)
4727-04	4	20
4727-05	5	20
4727-06	6	20
4727-08	8	20
4727-10	10	20



**HEXAGON SELF LOCKING NUT DIN 985 INOX**

Code	Dimensions (mm)	Quantity (pcs)
4830-04	4	20
4830-05	5	20
4830-06	6	20
4830-08	8	20
4830-10	10	20



**FENDER WASHER DIN 9021 INOX**

Code	Dimensions (mm)	Quantity (pcs)
4828-04	4	20
4828-05	5	20
4828-06	6	20
4828-08	8	20
4828-10	10	20



**LOCK WASHER DIN 127 INOX**

Code	Dimensions (mm)	Quantity (pcs)
4829-04	4	20
4829-05	5	20
4829-06	6	20
4829-08	8	20
4829-10	10	20

EVAL's ROLL BARS are designed to place on it navigation lights, antennas, horn, lifebuoys etc. They are available in two types either for RIBs or inflatable boats. Both types are foldable with adjustable width.



**ROL BAR**

Stainless steel, foldable with adjustable width. For rigid boats.

Code	Diameter mm	Base Width from- to cm	Height cm
1392 - 30	30	90 / 195	110
1392 - 40	40	90 / 235	110
1392 - 50	50	90 / 235	110



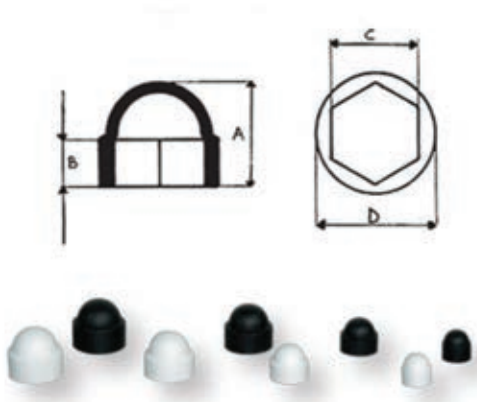
**ROL BAR**

Stainless steel, foldable with adjustable width. For inflatable boats.

Code	Diameter mm	Base Width from- to cm	Height cm
1393 - 30	30	90 / 145	110
1393 - 40	40	90 / 190	110
1393 - 50	50	90 / 190	110



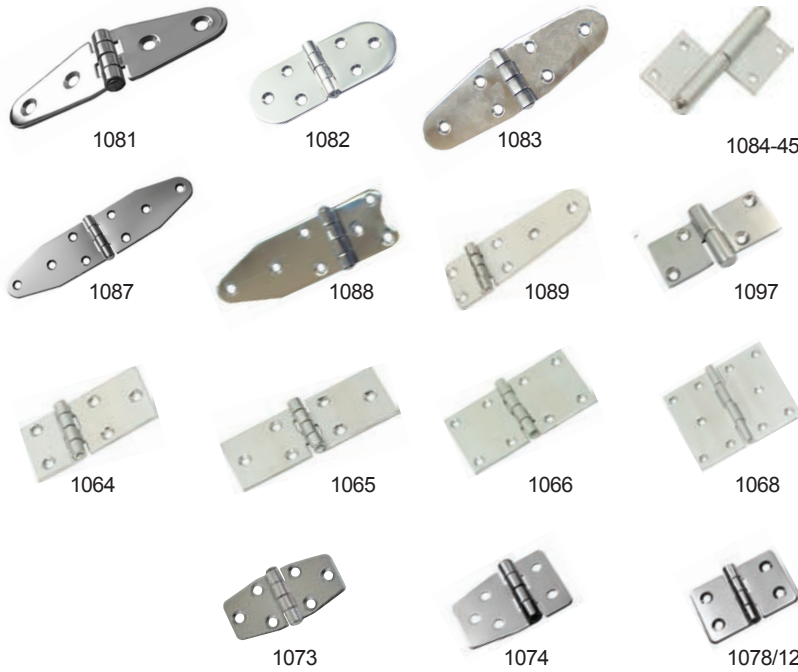
**Code 1392**  
**FASTENING SCREW FOR ROLL BAR**  
For codes 1392\* and 1393\*



**NUT COVER**

Made of nylon material. Suitable for different kinds of nuts

Code	A mm	B mm	C mm	D mm	Color
4827-06W	13	7	10	13	WHITE
4827-06BL	13	7	10	13	BLACK
4827-08W	15	7,5	13	17	WHITE
4827-08BL	15	7,5	13	17	BLACK
4827-10W	19,5	8,5	17	22	WHITE
4827-10BL	19,5	8,5	17	22	BLACK
4827-12W	21,5	11	19	24	WHITE
4827-12BL	21,5	11	19	24	BLACK



**STAINLESS STEEL HINGES**

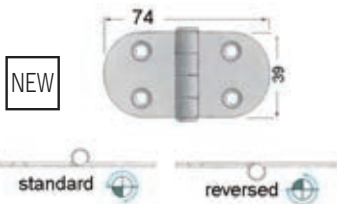
Code	Dimensions mm
<b>1081</b>	L 100 x W 30 x T 2
<b>1082</b>	L 72 x W 40 x T 2
<b>1083</b>	L 135 x W 40 x T 2
<b>1084 - 45</b>	L 43 x W 70 x T 2
<b>1087</b>	L 180 x W 40
<b>1088</b>	L 127 x W 40 x T 2
<b>1089</b>	L 117 x W 40 x T 2
<b>1097</b>	L 99 x W 32

**STAINLESS STEEL HINGES**

Code	Dimensions mm
<b>1064</b>	L 80 x W 40 x T 2
<b>1065</b>	L 100 x W 40 x T 2
<b>1066</b>	L 100 x W 60 x T 2
<b>1068</b>	L 100 x W 100 x T 2
<b>1073</b>	L 75 x W 40 x T 2
<b>1074</b>	L 60 x W 40 x T 2
<b>1078</b>	L 60 x W 39
<b>125</b>	L 38 x W 37 x T 3,5

**STAINLESS STEEL HINGES**

Code	Dimensions mm	Type
<b>1067-1</b>	L 74 x W 39 x T2	Standard pin
<b>1067-2</b>	L 74 x W 39 x T2	Reversed pin



1056/ 1057 / 1079 / 1080



**STAINLESS STEEL HINGE**

Code	Length mm	Width mm
<b>126</b>	82	40



**STAINLESS STEEL HINGE**

Code	Dimensions mm
<b>127</b>	62 x 62

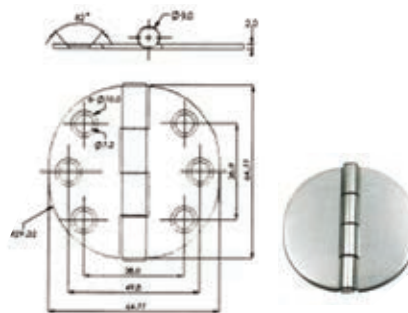
**STAINLESS STEEL HINGES**

Code	Dimensions mm
<b>1056 - 12</b>	L30 x W60 x T1,5
<b>1056 - 14</b>	L35 x W60 x T1,5
<b>1056 - 16</b>	L40 x W60 x T1,5
<b>1056 - 18</b>	L45 x W60 x T2
<b>1056 - 20</b>	L50 x W60 x T2
<b>1057 - 12</b>	L32 x W80 x T1,5
<b>1057 - 20</b>	L 48 x W 80 x T 2
<b>1057 - 22</b>	L 53 x W 80 x T 2
<b>1079 - 12</b>	L 31 x W 40 x T 1
<b>1079 - 14</b>	L 34 x W 40 x T 1,5
<b>1079 - 16</b>	L 40 x W 40 x T 1,5
<b>1079 - 18</b>	L 44 x W 40 x T 2
<b>1079 - 20</b>	L 48 x W 40 x T 2
<b>1080</b>	L50 x W40 x 1,5



**STAINLESS STEEL DOUBLE ANGLED HINGES**

Code	Dimensions mm
<b>1075</b>	L 41 x W 40 x H 9 x T 2
<b>1077</b>	L 65 x W 40 x H 9 x T 2



**COVERED ROUND HINGE INOX 316**

Easy to install due to the double-sided tapes at the back side of the polished hinge covers.

Code	Diameter mm
<b>136</b>	64,77



**NYLON HINGES**

Code	Dimensions mm
1050 - 40/BLACK	L 70 x W 40 x T 4
1050 - 40/WHITE	L 70 x W 40 x T 4
1050 - 60/BLACK	L 110 x W 60 x T 5
1050 - 60/WHITE	L 110 x W 60 x T 5



**NYLON HINGES**

Code	Dimensions mm
1054 - 10/BLACK	L 98 x W 40 x T 5
1054 - 10/WHITE	L 98 x W 40 x T 5
1054 - 14/BLACK	L 125 x W 40 x T 5
1054 - 14/WHITE	L 125 x W 40 x T 5



**NYLON ANGLED HINGES**

Code	Dimensions mm
1052 - 60/BLACK	L 60 x W 40 x H 10 x T 4
1052 - 60/WHITE	L 60 x W 40 x H 10 x T 4
1052 - 80/BLACK	L 80 x W 40 x H 10 x T 5
1052 - 80/WHITE	L 80 x W 40 x H 10 x T 5



**COVERED CABINET HINGES STAINLESS STEEL**

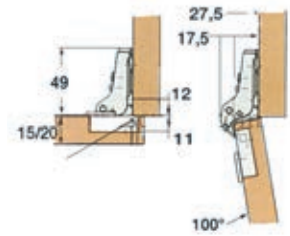
Code	Length mm	Width mm
128	76	36,5
129/FLUSH TYPE	76	37
130	35,7	36,5
131	56,7	36,5
135	74	75



**Code 137**

**CONCEALED HINGES FOR CABINET DOORS**

Fitted with nylon cleat to adjust the step. With half overlapping door on the frame (5-9 mm) For doors thickness 15-20 mm.



NEW

**CAM OVER LATCH**

Stainless Steel 316. Elongated wire loop is tensioned when latched. It provides superior performance while it is easy to install.

Code	Type	A mm	B mm	C mm
1005-1	without key	94	28	13
1005-2	with key			

**STAINLESS STEEL SAFETY HASP**

Lock can be fitted.

Code	Dimensions mm
1109	L 72 x W 24



**STAINLESS STEEL SAFETY HASP**

Lock can be fitted and rotating shackle.

Code	Dimensions mm
1107	L 64 x W 29



**STAINLESS STEEL SAFETY HASP**

Adjustable. Lock can be fitted.

Code	Dimensions mm
1100 - 1	L 85 x W 24
1100 - 2	L 155 x W 40

**CHROMED BRASS SAFETY HASP**

Lock can be fitted.

Code	Dimensions mm
1103	L 105 x W 50

**STAINLESS STEEL SAFETY HASP**

Lock can be fitted.

Code	Dimensions mm
1090	L 117 x W 40



**MARINE HOOKS**

Stainless steel.

Code	Dimensions W x L mm
1123-60	32 x 60
1123-80	32 x 80
1123-150	32 x 115



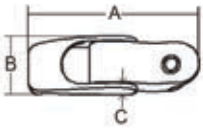
**CHROMED BRASS SAFETY HASP**

Lock can be fitted.

Code	Dimensions mm
1092	L 98 x W 32



**COMPRESSION FASTENER**  
With key. Stainless Steel 316. Heavy duty marine cast construction. Spring loaded latch. Concealed fastener.



Code	A mm	B mm	C mm	Screw size
1104	82	25	14	M4



**STAINLESS STEEL SAFETY HASP**

Code	Dimensions mm
1102	45



**HOOD LATCH**  
with stainless steel parts.

Code	Length mm
4596	70



**HOOD LATCH**  
with removable pin, front resistance rubber and stainless steel parts.

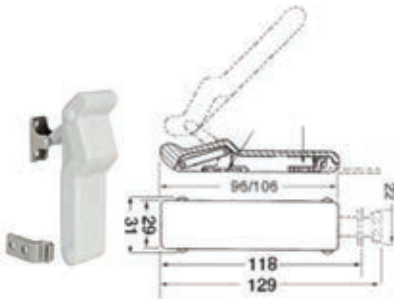
Code	Length mm
4597	130



**DOOR STOPPER**  
Made of mirror polished stainless steel and nylon

NEW

Code	Diameter mm
3379	60



**ADJUSTABLE HINGES INOX**  
with lock slot.

Code	Dimensions mm
4591	L 120 x W 30



**STAINLESS STEEL KEY LOCK**  
With two keys included.

Code	Dimensions mm
2274	L 98 x W 30



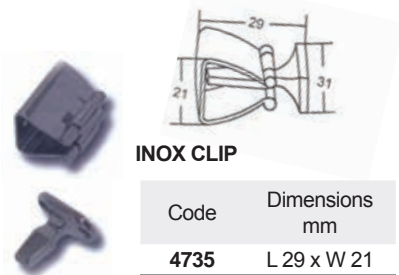
**ANTI-VIBRATION PEAK LATCH**  
Made of thermo elastic rubber, fitted with mounting plate and stainless steel hook.

Κωδικός	Diameter mm	Color
3168	96 x 29	White
1072		Black



**NYLON STUD CATCHES**

Code	Dimensions mm
1095	L 37 x W 34 x T 7



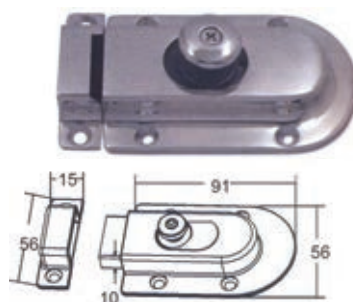
**INOX CLIP**

Code	Dimensions mm
4735	L 29 x W 21



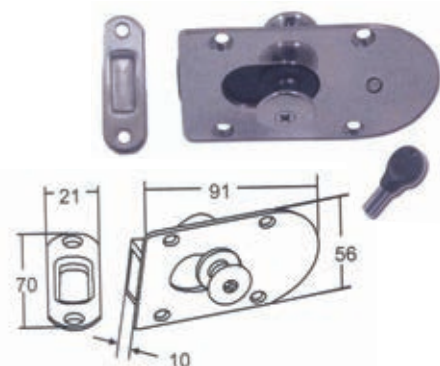
**ADJUSTABLE HINGES INOX**

Code	Dimensions mm
4592	L 60 x W 30



**MAGNETIC BOLT INOX**

Code	Dimensions mm
4856-1	L 91 x W 56



**MAGNETIC BOLT INOX**  
With key

Code	Dimensions mm
4856	L 91 x W 56



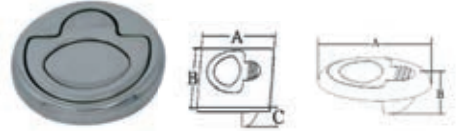
**STAINLESS STEEL BOLT**

Code	Dimensions mm
<b>3256 - 1</b>	L 90 x W 38



**CHROMED BRASS BOLT**

Code	Dimensions mm
<b>1124</b>	L 62 x W 35



**LIFT HANDLE**

Stainless Steel. Without key.

Code	A mm	B mm	C mm
<b>1222</b>	51	51	18



**PLASTIC FLUSH LATCH**  
Made of PC (polycarbonate).

Code	Dimensions mm	Type mm	Color
<b>1111-1</b>	Ø 60 x Depth 34	with locking key	White
<b>1111-2</b>	Ø 60 x Depth 34	with locking key	Black



**LIFT HANDLE**

Made of ABS, can bore materials whose thickness does not exceed 10-20mm.

Code	Diameter mm
<b>1112 - BLACK</b>	50
<b>1112 - WHITE</b>	



**LIFT HANDLE**  
Stainless steel.

Code	Dimensions mm
<b>1117</b>	L 65 x W 55



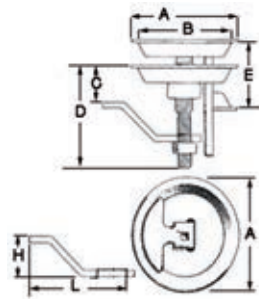
**LIFT HANDLE**  
Stainless steel. Spring loaded.

Code	Dimensions mm
<b>1118</b>	L 45 x W 40



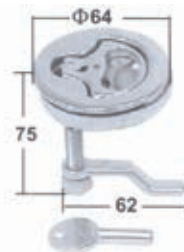
**FLUSH LOCK**  
Stainless steel, with key.

Code	Dimensions mm
<b>2391</b>	L 55 x W 65



**SQUARE "D" HANDLE LATCH**  
Stainless Steel 316.

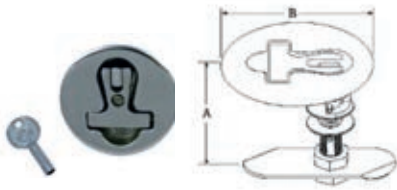
Code	A mm	B mm	C mm	D mm	E mm	L mm	H mm
<b>1100</b>	70	60	30/80	78	2/42	55	20



**SQUARE "D" HANDLE LATCH**  
Stainless Steel.

Code	A mm	B mm	C mm	Type
<b>1154 - 1</b>	75	62	64	Without key
<b>1154 - 2</b>	75	62	64	With key





**ROUND "T" HANDLE LATCH**  
Stainless Steel. With key.

Code	A - MAX mm	A - MIN mm	B mm
1175	76	38	79



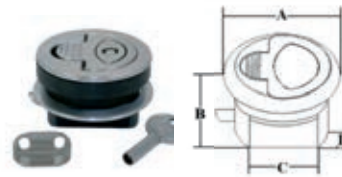
**HANDLE LATCH**  
Stainless Steel.

Code	Τύπος	Diameter mm
4240 - 1	Without key	61
4240 - 2	With key	61



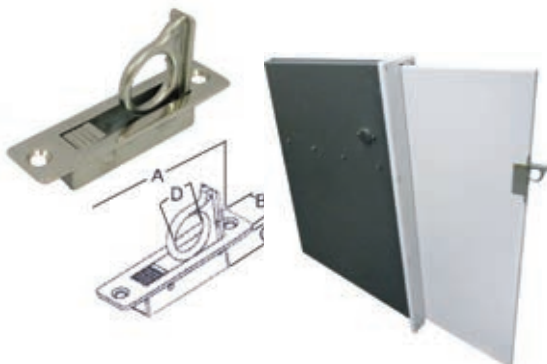
**PLASTIC LATCH**  
White.

Code	Type	Diameter mm
4241	Without key	61



**WATERPROOF SLAM LATCH**  
Stainless Steel and nylon. With key.

Code	A mm	B mm	C mm	D mm
1120	60	41	50	33



**PULL RING**  
Stainless Steel 316. Flush hatch pull. Pop up design.  
Screw size #8 or M4

Code	A mm	B mm	C mm	D mm
3390	83	21	11,5	19



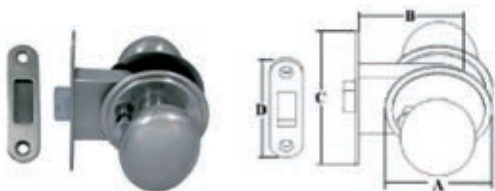
**CAM OVER "D" RING LATCH**  
Stainless Steel. With key.

Code	Dimensions mm
1116	BASE Ø 62 x H 38



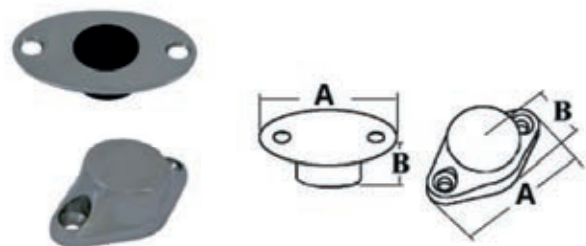
**CHROMED BRASS LOCK**  
Suitable for hatces, cupboards etc. With stainless steel shim.

Code	Depth mm	Thread diameter mm
1110	22	20



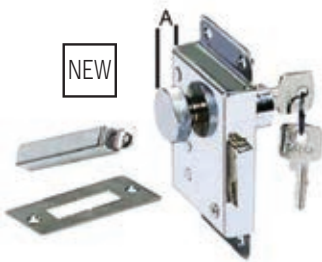
**MAGNETIC PRIVACY DOOR LATCH-EGG**  
Stainless Steel.

Code	A mm	B mm	C mm	D mm
3395	62	75	92	70



**DOUBLE STRIKE MAGNETIC DOOR HOLDER**  
Stainless Steel. Holds 3,8 Kg.

Code	A mm	B mm
3399	46 / 57	15 / 19



**DOOR LOCK**  
Made of chromed brass, fitted with cylinder key from the outside and internal knob; very practical locking, suitable for doors, fitted with drawer stop.

Code	Dimensions mm	Cylinder neck length mm	Version
1408	98x58	25	right



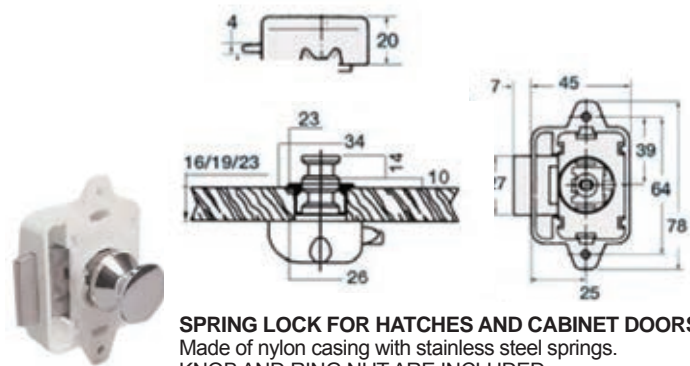
**LATCH LOCK FASTENER**  
Stainless Steel and chrome brass. It is suitable for hatches.

Code	Length mm	Ø Hole mm
1101	58	19



**METALLIC LOCK**  
Suitable for hatches, cupboards etc.

Code	Depth mm	Diameter mm
3367	24	15



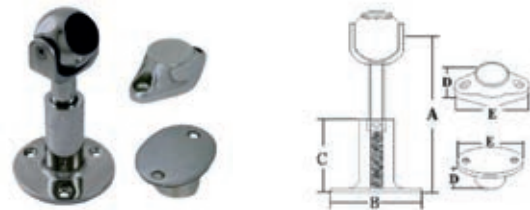
**SPRING LOCK FOR HATCHES AND CABINET DOORS**  
Made of nylon casing with stainless steel springs. KNOB AND RING NUT ARE INCLUDED

Code	Height mm	Width mm	Depth mm	Hole Diameter for knob mm
1419	78	45	20	26



**MAGNETIC DOOR / WINDOW HOLDER**  
Stainless Steel. Holds 3,5 Kg.

Code	A mm	B mm	C mm	D mm	E mm
3397	34	34	19	15	46



**ADJUSTABLE MAGNETIC DOOR HOLDER**  
Stainless Steel. Holds 4 Kg.

Code	A - MAX mm	A - MIN mm	B mm	C mm	D mm	E mm
3398	89	60	51	39	15	46



**UNIVERSAL MAGNETIC HOLDER**  
Stainless Steel & Nylon. Hidden screw design. Fits any angle on different application. Encapsulated magnet for marine use. Available in pair.

Code	Magnet Size	Dimensions mm		Holding Power Kg
		A	B	
3391	20x10	34	21	1,25



**MAGNETIC DOOR / WINDOW HOLDER**  
Nylon. Holds 3,5 Kg.

Code	A mm	B mm	C mm	D mm	E mm
3396 - W	42	38	18	15	47



1121



1144

**MARINE PADLOCKS**

With stainless steel resistant spring.

Code	Dimensions mm	Type
1121 - 30	W 30 x H 48	SHORT
1121 - 40	W 40 x H 62	
1121 - 50	W 50 x H 77	
1144 - 30	W 30 x H 72	LONG
1144 - 40	W 40 x H 82	
1144 - 50	W 50 x H 99	

**EVAL MARINE PADLOCKS**

Eval marine padlocks are very resistant to rust. They are available in sets of one, two or four padlocks with keys.



**MARINE PADLOCKS SET OF 3 PIECES WITH ONE KEY**

With stainless steel resistant spring..

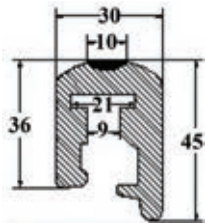
Code	Dimensions mm
1131	W 30 x H 47



**MARINE PADLOCKS SET OF 4 PIECES WITH ONE KEY**

With stainless steel resistant spring.

Code	Dimensions mm
4428	W 30 x H 72

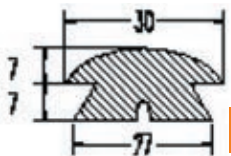


**FENDER PROFILE MADE OF P.V.C**

Can be used with aluminium T. code 881

Code	Color	Length m	Width Height mm
885 - B	BLACK	30	30 / 45
885 - B10	BLACK	10	
885 - B15	BLACK	15	
885 - BW	BLACK / WHITE	30	
885 - BW10	BLACK / WHITE	10	
885 - BW15	BLACK / WHITE	15	
885 - WR	WHITE / RED	30	
885 - WR10	WHITE / RED	10	
885 - WB	WHITE / BLUE	30	
885 - WB10	WHITE / BLUE	10	
885 - G	GREY	30	

\* 1m = 1Kg



**FENDER PROFILE MADE OF P.V.C**

It fits in an aluminium profile, code 882.

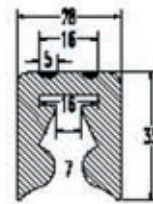
Code	Width x Height mm x mm	Length m	Color
888	30 x 14	65	BLACK
888 - W	30 x 14	65	WHITE
888 - 15	30 x 14	15	BLACK
888 - 15 W	30 x 14	15	WHITE

\* 1m = 400gr



**WATERPROOF SAFETY PADLOCK**

Code	Dimensions mm
3186	W 45 x H 47

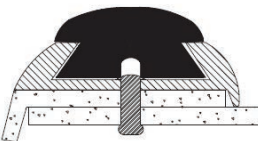


**FENDER PROFILE MADE OF P.V.C**

Can be used with aluminium T code 881 or without.

Code	Color	Length m	Width Height mm
886 - B	BLACK	30	28 / 35
886 - B12	BLACK	12	
886 - BW	BLACK / WHITE	30	

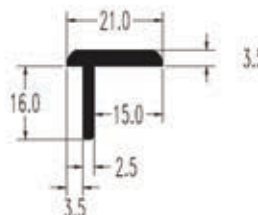
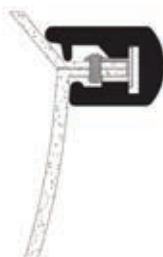
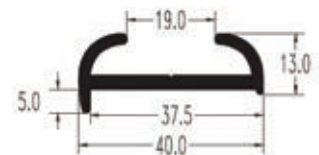
\* 1m = 810gr



**PVC BASE FOR FENDER PROFILE**

Base for fender profile made of rigid PVC suitable for fitting the profile with code 888\*.

Code	Width x Height mm	Length m	Weight Kg/m	Color
882-1	40 x 13	5	0,310	BLACK



**BASE OF RIGID PVC "T" TYPE FOR FENDER PROFILE**

Base for fender profile made of rigid PVC suitable for fitting the profile with code 885\* and 886\*.

Code	Width x Height mm	Length m	Weight Kg/m	Color
881-1	21 x 19,5	5	0,160	BLACK



**ALUMINIUM**

Anodized for fender profile support. It is combined with code 888\*

Code	Dimensions mm	Length m
882	W 38 x H 10	5



**ALUMINIUM T**

For fender profile support. It is combined with codes 885\* , 886\*

Code	Dimensions mm	Length m
881	W 19 x H 21	5



**ALUMINIUM ANGLE**

Anodized.

Code	Dimensions mm	Length m
880	W 30 x H 30	5



**ALUMINIUM HALF-ROUNDED FOR KEELS PROTECTION**

Anodized.

Code	Width mm	Length m	Thickness mm
883	30	5	4



**FLEXIBLE PLASTIC END FOR FENDER PROFILE ON POLYESTER SURFACES**

Code	Width mm	Length m
884	22	3,05



**STAINLESS STEEL FENDER PROFILE**

Code	Dimensions mm
3389 - 1	60 x 47 x 19
3389 - 2	73 x 57 x 25



**PLASTIC FIT**

Code	Length m	For Code
887-30	24	888-30
887-40	24	888-40
887-52	24	888-52
887-65	24	888-65
887-80	12	888-80



**FENDER PROFILE MADE OF PVC**

Stylish and easy to install, fits on a special plastic profile of relevant dimensions. The plastic profile is screwed on the boat surface. The fender is fitted cold

Code	Width & Height mm x mm	Length m	Combined with code
888-30	30 x 20	24	887-30
888-40	40 x 25	24	887-40
888-52	52 x 30	24	887-52
888-65	65 x 35	24	887-65
888-80	80 x 40	12	887-80

Fender profile, made of stainless steel co-extruded with rigid and shockproof vinyl chloride (code 4923-1, 4923-2, 4923-3) and PVC base (code 4922-1, 4922-2, 4922-3). Thanks to the innovative structural system, this fender profile combines high technical performance, with good quality aesthetical finishes.



**PVC BASE FOR FENDER PROFILE**

Handy and light, easy to install.



Code	For code	A mm	B mm	Length m
4922-1	4923-1	40	25	
4922-2	4923-2	50	35	12
4922-3	4923-3	70	50	



**INOX JOINT TOP CAP**

The joint cap keeps the bars (inox caps for fender profile) with code 4923 duly aligned, avoiding the drilling of the ends, so that the screws can be put all at the same distance.

Code	For code
4924-1	4923-1
4924-2	4923-2
4924-3	4923-3



**INOX CAP FOR FENDER PROFILE**

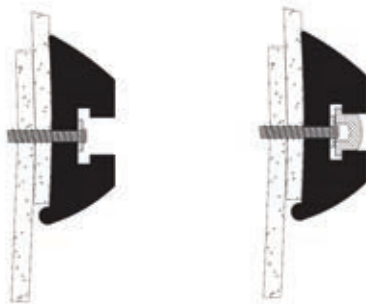
Half-round bar in stainless steel, drilled and countersunk and therefore no preliminary working is required. High impact resistance. Bending of the 316 L stainless steel tape Drilling and screw hole every 25 cm. Filling in co-extrusion with rigid and shock-proof vinyl chloride

Code	For code	Width mm	Length m
4923-1	4922-1	25	3
4923-2	4922-2	35	
4923-3	4922-3	50	



**INOX END CAP OF FENDER PROFILE**  
With PVC base

Code	For code
4925-1	4923-1
4925-2	4923-2
4925-3	4923-3

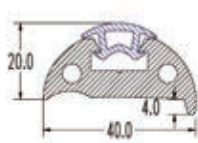


NEW

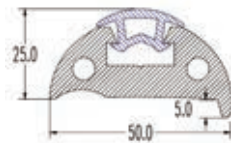
**PVC FENDERING PROFILE FOR GRP BOATS**

Fendering profile with cover of the mounting screws. No aluminum base is required because as soon as the profile is screwed a cap board is fitted. Suitable for boats from 3 up to 16m. Available in more colors upon SPECIAL REQUEST.

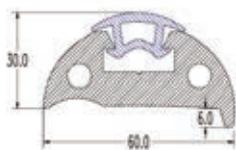
Code	Weight Kg/meter	Dimensions mm	Color
832-B	0,840	W40 x H20	BLACK
835-B	1,100	W50 x H25	
836-B	1,550	W60 x H30	
837-B	2,700	W80 x H40	
838-B	3,700	W100 x H50	
839-B	5,500	W120 x H60	



832-B



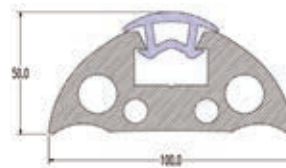
835-B



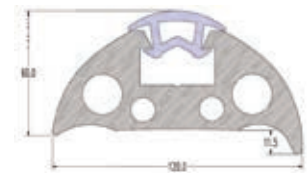
836-B



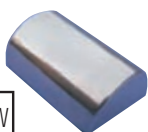
837-B



838-B



839-B



NEW

**END CUPS FOR FENDERING PROFILES**  
Stainless Steel

Code	For profile with code
890-1	832-B
890-2	835-B
890-3	836-B

Code	For profile with code
890-4	837-B
890-5	838-B
890-6	891-B



**FENDER PROFILE**

Code	Height mm	Length m	Width mm
4216 - BLACK	50	76,5	36,7
4216 - WHITE			

**FENDER PROFILE ( 1 PIECE )**

Code	Height mm	Length m	Width mm
897 - BLACK	49	142	37,5
897 - WHITE			



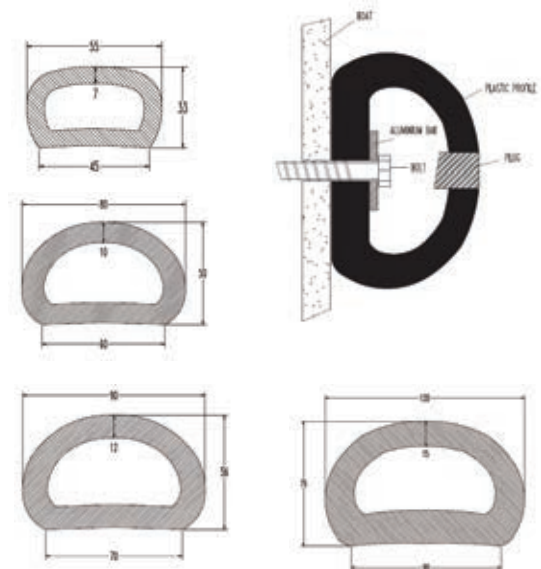
**HEAVY DUTY PVC FENDERING PROFILE FOR MULTIPLE USE**

Heavy duty PVC fendering profile suitable for professional boats as well as for gangways and many more. No mounting base is required and is produced in black color. Available in more colors upon SPECIAL REQUEST

Code	Weight Kg/m	Dimensions mm	Color
<b>1063-B</b>	1,500kg/m	W55 x H33	BLACK
<b>1069-B</b>	3,000kg/m	W80 x H50	
<b>1456-B</b>	4,400kg/m	W90 x H56	
<b>1457-B</b>	6,500kg/m	W120 x H75	



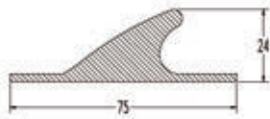
NEW



**PVC FENDERING PROFILE FOR INFLATABLE BOATS**

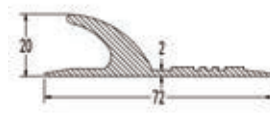
Fendering profiles made of soft PVC. Suitable for all inflatable boats. It protects the boats when contacting each other or when approaching the dock. It is very helpful for hooking clips in various applications (canopies etc) and for preventing water from entering the boat

NEW



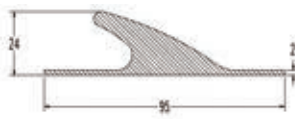
Code	Dimensions mm	Color	Weight Kg/m
<b>893-B</b>		BLACK	
<b>893-GR</b>	W75 X H24	LIGHT GREY	0,670
<b>893-DGR</b>		DARK GREY	

NEW



Code	Dimensions mm	Color	Weight Kg/m
<b>894-B</b>		BLACK	
<b>894-GR</b>	W72 X H20	LIGHT GREY	0,520
<b>894-DGR</b>		DARK GREY	

NEW



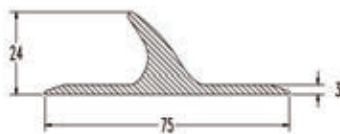
Code	Dimensions mm	Color	Weight Kg/m
<b>895-B</b>		BLACK	
<b>895-GR</b>	W95 X H24	LIGHT GREY	1,100
<b>895-DGR</b>		DARK GREY	

NEW



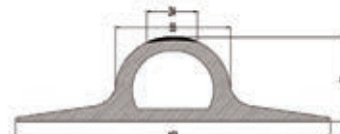
Code	Dimensions mm	Color	Weight Kg/m
<b>1059-B</b>		BLACK	
<b>1059-GR</b>	W200 X H5	LIGHT GREY	1,000
<b>1059-DGR</b>		DARK GREY	

NEW

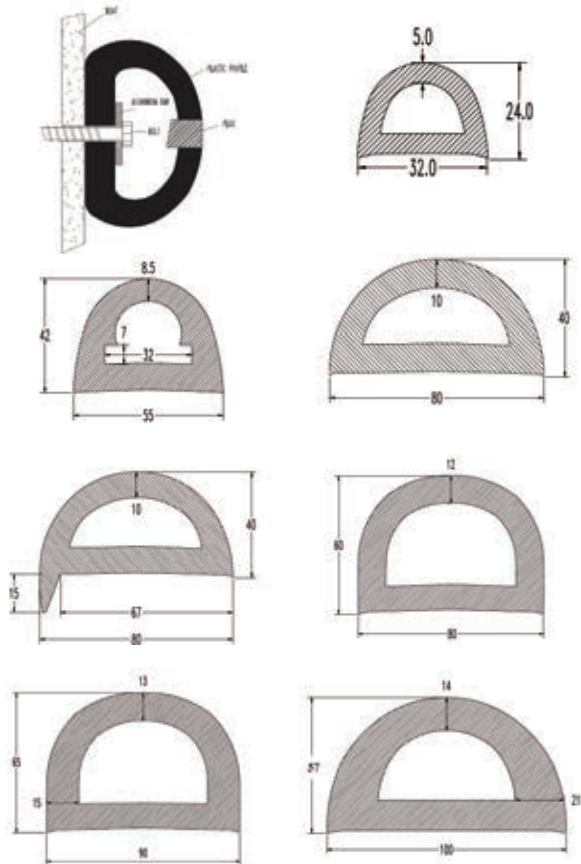


Code	Dimensions mm	Color	Weight Kg/m
<b>1060-B</b>		BLACK	
<b>1060-GR</b>	W75 X H24	LIGHT GREY	1,000
<b>1060-DGR</b>		DARK GREY	

NEW



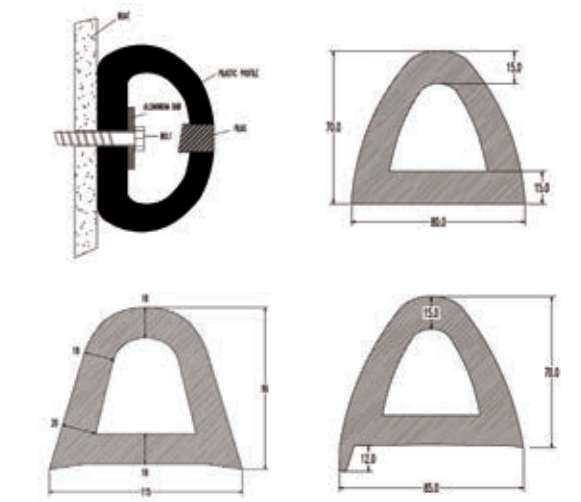
Code	Dimensions mm	Color	Weight Kg/m
<b>1062-B</b>		BLACK	
<b>1062-GR</b>	W150 X H40	LIGHT GREY	2,400
<b>1062-DGR</b>		DARK GREY	



**HEAVY DUTY PVC FENDERING PROFILE FOR MULTIPLE USE**

Heavy duty PVC fendering profile suitable both for small boats and professional ones as well as for gangways and many more. No mounting base is required and is produced in black color. Available in more colors upon SPECIAL REQUEST.

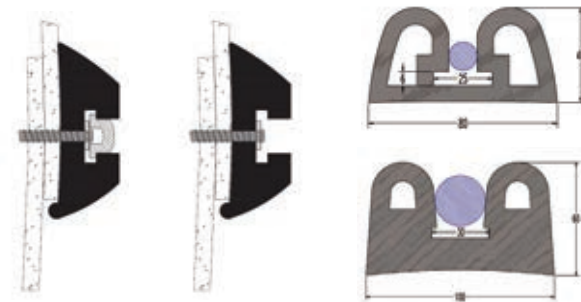
Code	Weight Kg/m	Dimensions mm	Color
1971-B	0,530	W32 x H24	
1972-B	2,000	W55 x H42	
1973-B	3,200	W80 x H40	
1974-B	3,400	W80 x H40	
1985-B	3,500	W80 x H60	BLACK
2000-B	5,300	W100 x H57	
2156-B	4,500	W90 x H65	
2158-B	6,000	W120 x H60	
2159-B	5,800	W120 x H60	



**HEAVY DUTY PVC FENDERING PROFILE FOR MULTIPLE USE**

Heavy duty PVC fendering profile suitable for bigger boats as well as for gangways and many more.

Code	Weight Kg/m	Dimensions mm	Color
2160-B	7,500	W115 X H96	
2161-B	4,000	W80 X H70	BLACK
2167-B	4,800	W85 X H70	



**HEAVY DUTY PVC FENDERING PROFILE FOR GRP BOATS**

Heavy duty PVC fendering profile suitable for bigger boats as well as for gangways and many more. When the profile is screwed a cap board is fitted.

Code	Weight Kg/m	Dimensions mm	Color
2168-B	3,500	W80 x H40	BLACK
2169-B	6,000	W100 x H60	BLACK

## FITTINGS FOR INFLATABLE BOATS

STANDARD EQUIPMENT



### TUBE SUPPORT

Made of fast rubber material and P.V.C., allows to apply handles and stainless steel hand rail of Ø 22 mm on inflatable boats of every size.

Code	Dimensions mm
4585	100 x 120 x H 60



### ROPE-GOES made of fast rubber

A new system to fix the rope. Inside there is a rigid core on which you can insert a self tapping screw that goes through the rope and stops it. This avoids also that the rope slides in the intermediate rope-goes, giving a solid and safe grip. Single packing with stainless steel AISI 316 self tapping screw. Suitable for rope Ø 10-12 mm.

Code	Dimensions mm	Color
4584	118 mm x 76 mm x H 35 mm	GREY



### RUBBER SLOTTING SHEET CLEAT

Ideal for inflatable boats.  
For rope diameter 15-16 mm maximum.

Code	Dimensions mm	Color
4452	L 240 x W 190 x H 70	LIGHT GREY



### PLASTIC SLOTTING SHEET CLEAT

Ideal for inflatable and small boats

Code	Diameter mm	Height mm
4533	85	43



### HANDLE FOR INFLATABLE BOATS

Elastic. Available in light grey.

Code	Dimensions mm
3299	L 290 x W 95



### ROWLOCK AND ROWLOCK SOCKET

With adjustable diameter. Made of extremely resistant rubber. Suitable for tube diameter 35mm. Color: Light grey.

Code	Dimensions mm
3324	L 130 x W 90



### CANOPY MOUNTING

Made of PVC. For inflatable boats.

Code	Dimensions mm	Diam. mm
631 - GREY	L 9,6 x W 7,3	22



### PLASTIC ROWLOCK FOR INFLATABLE BOATS

With brass pin.

Code	Paddle Diameter mm	Pin Diameter mm	Height mm
3941	35	12	95



### VALVE FOR INFLATABLE BOATS

Twisting button system.  
Cap with opening 90°.

Code	Diameter mm	Height mm
2981	62	38



### VALVE FOR INFLATABLE BOATS

Code	Diameter mm	Height mm
2980	65	54



### 2199-36 DRAIN VALVE

Valve diameter : 45mm  
Flange diameter : 60mm



Code 2382  
VALVE FOR INFLATABLE BOATS AND FLEXIBLE TANKS  
Ø 22 mm.



# BOAT ACCESSORIES

- Ladders
- Gangways
- Canopies
- Paddles And Hooks
- Boat-Engine Covers
- Console Covers
- Jet Ski Covers
- Pumps
- Horns
- Adhesive Tapes
- Ceramic Heater
- Dehumidifier

71-103





**BOARDING FOLDABLE STERN LADDER**

Stainless steel 316 with wooden steps. Its width is such that guarantees easy and comfortable boarding.

Code	Steps	Dimens. cm	Tube Diam mm
573 - 3	3	L 64 x W 26	22
573 - 4	4	L 86 x W 26	22



**BOARDING FOLDABLE STERN LADDER**

Stainless steel 316 with wooden steps. Very narrow model for boats with poor stern space.



Code	Steps	Dimens. cm	Tube Diam mm
575 - 3	3	L 64 x W 19	22
575 - 4	4	L 86 x W 19	22



**BOARDING FOLDABLE LADDER**

Stainless steel 316 with wooden steps. It has hand rails for safer ascent. Its width is such that guarantees easy and comfortable boarding.

Code	Steps	Dimens. cm	Tube Diam mm
571 - 3	3	L 78 x W 26	22
571 - 4	4	L 98 x W 26	22



**Code 4371 - 1 SPARE BASE FOR LADDER FOOT**

Ideal for code 4371. Suitable for tube diameter 25mm



**Code 4371 QUICK RELEASE LADDER BRACKET FOR CODE 4371-1**

It is suitable for ladders of non permanent mounting.



**BOARDING FOLDABLE LADDER**

Stainless steel 316 with wooden steps and hand rails for safer and comfortable use.

Code	Steps	Length Closed cm	Length Open cm	Width cm	Ø Tube mm
566-4KP	4	65	110	26	22



**V-BRACKET FOR BOARDING LADDERS**

Code	For Tube Diam. mm
583-22	22
583-25	25



**BOARDING FOLDABLE STERN LADDER**

Stainless steel 316 with plastic steps. Its width is such that guarantees easy and comfortable boarding.

Code	Steps	Dimens. cm	Tube Diam mm
584 - 3	3	L 64 x W 30	25
584 - 4	4	L 86 x W 30	25



**Code 582 SPARE BASE FOR LADDER FOOT**

Suitable for tube up to 25mm.



**STAINLESS STEEL FOLDABLE LADDER**

Stainless steel foldable ladder with adjustable spacers and non-slip safety steps.

Code	Steps	Dimens. cm	Tube Diam mm
4652 - 3	3	L 63 x W 25	22
4652 - 4	4	L 90 x W 25	22



**BOARDING FOLDABLE LADDER**  
Stainless steel 316 with plastic steps. It has hand rails for safer ascent. Its width is such that guarantees easy and comfortable boarding.



Code	Steps	Dimensions cm	Tube Diam mm
585 - 3	3	L 78 x W 30	25
585 - 4	4	L 98 x W 30	25



**STAINLESS STEEL FOLDABLE HANDRAIL LADDER**  
Stainless steel foldable ladder with handrails. Adjustable spacers and non-slip safety steps.

Code	Steps	Dimens. cm	Tube Diam mm
565 - 3	3	L 67 x W 25	22
565 - 4	4	L 91 x W 25	22



**PLASTIC CATCH LADDER**

Code	Length mm	Diameter mm
576 - GREY	76	22
576 - WHITE		
576 - BLACK		



**Code 582 SPARE BASE FOR LADDER FOOT**  
Suitable for tube 25mm



**STAINLESS STEEL FOLDABLE BOARDING LADDER**  
Stainless steel foldable ladder.

Code	Steps	Dimensions cm	Tube diameter
572 - 5	5	L 124 x W 25	25 mm



**STAINLESS STEEL FOLDABLE LADDER**  
Stainless steel foldable ladder, suitable for inflatable boats. With adjustable spacers and non-slip safety steps.

Code	Steps	Width cm	Tube Diam mm
570 - 3	3	21	22
570 - 4	4	21	22
570 - 5	5	21	22

**V-BRACKET FOR BOARDING LADDERS**

Code	For Tube Diam. mm
583-22	22
583-25	25



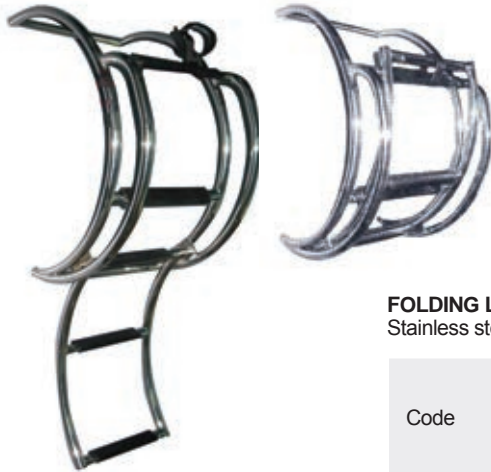
**STAINLESS STEEL FOLDABLE LADDER**  
Stainless steel foldable ladder, suitable for inflatable and small boats. Provided with wooden steps.

Code	Steps	Length Closed cm	Length Open cm	Width cm	Tube diameter
577-3	3	30	56	23	25 mm
577-4	4	50	76	23	25 mm

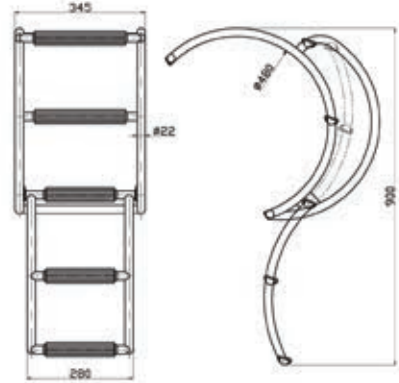


**TELESCOPIC DIVE LADDER**  
Stainless steel telescopic ladder T style, angled to make it easier going onboard. It is very convenient as it occupies small space.

Code	Steps	Length cm Closed	Length cm Opened	Width cm
3993-3	3	43,2	85,4	34,3
3993-4	4	49,5	112	23



**FOLDING LADDER**  
Stainless steel.



Code	Steps	Width mm		Total length mm	Diameter for placing it on the inflatable tube mm	Tube diameter mm
		Upper part	Lower part			
<b>3998-1</b>	5	345	280	900	480	22
<b>3998-2</b>	5	345	280	950	530	22



**STAINLESS STEEL TELESCOPIC BOARDING LADDER**  
Stainless steel. With telescopic slider. Perfectly storable minimizing the space needed. It fits on the platform.

Code	Steps	Length cm		Width cm
		Opened	Closed	
<b>553 - 2</b>	2	60	34	21
<b>553 - 3</b>	3	88	37	21
<b>553 - 4</b>	4	115,5	38,5	21
<b>554 - 3</b>	3	89	37	30
<b>554 - 4</b>	4	115,5	39,5	30



**STAINLESS STEEL TELESCOPIC BOARDING LADDER**  
Stainless steel. With telescopic slider. Perfectly storable minimizing the space needed. It fits under the platform.

Code	Steps	Length cm		Width cm
		Opened	Closed	
<b>568 - 3</b>	3	85	37	20,5
<b>568 - 4</b>	4	115,5	40,5	20,5
<b>3734</b>	3	85	37	29
<b>3735</b>	4	115,5	40,5	29



**STAINLESS STEEL TELESCOPIC LADDER**  
Stainless steel ladder, with telescopic slider. With non-slip safety steps and elegant storing case. Suitable for flush mounting.

Code	Steps	Length Opened cm	Length Closed cm	Width cm	Case Dimensions cm
<b>574 - 3</b>	3	89	34	28	L 45,5 x W 33,5 x H 4,5
<b>574-4</b>	4	116	39	28	L 45,5 x W 33,5 x H 4,5



**INOX TRANSOM LADDER'S BASE**  
Suitable for codes 553\* and 554\*

Code	Dimensions mm	Type
<b>693</b>	L 200 mm x W 40	For pipe diameter 32 mm





**PLATFORM**  
Stainless steel, with motor bracket.

Code	Dimensions cm	Diameter mm
599	L 41 x W 26	22

**BOARDING LADDER PLATFORM INOX**

Boarding ladder platform made of stainless steel pipe highly polished with wooden tabs and ladder with three steps



Code	Dimensions cm	Diameter mm
598	27 x 21	22



**ALUMINIUM LADDER**

Made of anodized reinforced aluminium with white steps from polypropylene. Two folding stand-off feet for better storage. Step code 4263.



Code	Steps	Dimen. cm	Tube diam. mm
4261 - 2	2	L 66 x W 30	25
4261 - 3	3	L 92 x W 30	25
4261 - 4	4	L 122 x W 30	25
4261 - 5	5	L 159 x W 30	25



**STAINLESS STEEL LADDER**

With white steps made of polypropylene. Two folding stand-off feet for better storage. Step code 4263.



Code	Steps	Dimen. cm	Tube diam. mm
4262 - 2	2	L 66 x W 30	25
4262 - 3	3	L 92 x W 30	25
4262 - 4	4	L 122 x W 30	25
4262 - 5	5	L 159 x W 30	25



**PLASTIC CATCH LADDER**

Code	Length mm	Tube diam. mm
576 - GREY	76	22-25
576 - WHITE		
576 - BLACK		



**BOARDING LADDER FOR INFLATABLE BOATS**

Made of anodized aluminium.

Code	Steps	Dimensions cm	Tube diam. mm
550 - 3	3	L 90 x W 31	25
550 - 4	4	L 120 x W 31	25



**SPARE STEP**

Plastic, with non-skid surface. Suitable for codes 4261, 4262, 4264, 584, 585.

Code	Dimensions cm	Diameter mm
4263	L 30 x W 7	25



**TEE SMALL**

Code	Hole Diam mm
590 - 22	22



**TEE LARGE NYLON**

Code	Hole Diam mm
592 - 22	22
592 - 25	25



**Code 594 CAP FOR ROPE LADDER**  
For code 4264.



**ROPE LADDER**

With white steps made of polypropylene and braided reinforced polyester rope. Handy, easy to be stored and transferred. Step code 4263.

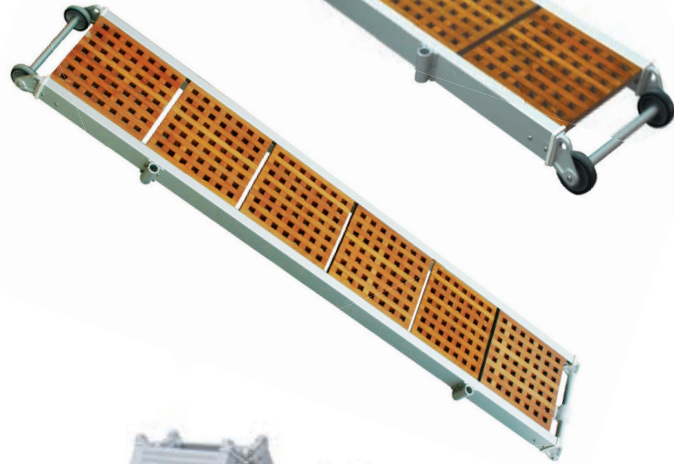
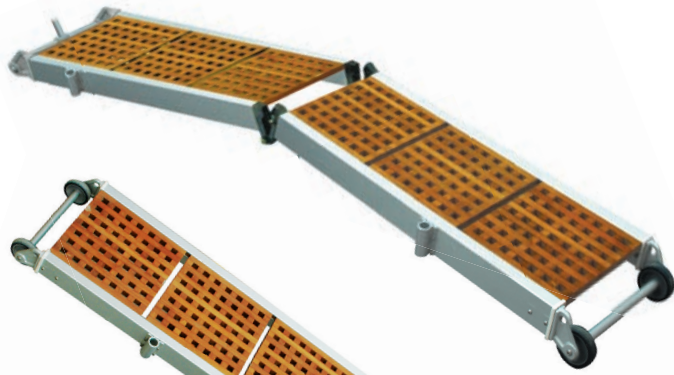
Code	Steps	Dimensions cm
4264 - 2	2	L 63 x W 30
4264 - 3	3	L 100 x W 30
4264 - 4	4	L 130 x W 30



**ROPE LADDER**

Universal rope ladder with non-slippery steps. It is very easy to be stored and carried as it folds completely.

Code	Steps	Dimensions cm
4586-3	3	L 87 x W 30
4586-4	3	L 106 x W 30
4586-5	3	L 146 x W 30



**FOLDING GANGWAY WITH TEAK FLOOR**

Made of aluminium and teak. With wheels, pivot pin and recall hinge.

Code	Length m	Width m	Weight kg
<b>658 - 1</b>	1,9	0,37	15
<b>658 - 2</b>	2,5	0,37	18

**FIXED GANGWAY WITH TEAK FLOOR**

Made of aluminium and teak.

Code	Length m	Width m	Weight kg
<b>660 - 1</b>	1,9	0,37	13
<b>660 - 2</b>	2,5	0,37	17

**FOLDING GANGWAY WITH ALUMINIUM FLOOR**

Made of aluminium. With special non-slip surface, wheels, pivot pin and recall hinge.

Code	Length m	Width m	Weight kg
<b>659 - 1</b>	2,3	0,37	16
<b>659 - 2</b>	2,6	0,37	18

**FOLDABLE POLYMER GANGWAYS**

Polymer gangway represent a milestone in marine industry evolution. The high-end composite materials, the superior mechanical properties and functionalities, the exclusive design and durability make it a best performance product and an extremely strong and rigid construction. CE certified.

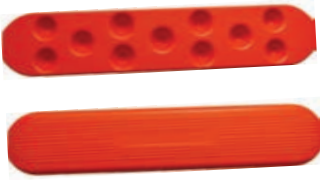
- Foldable with durable stainless steel hinge.
- Ergonomic design enables easy installation, handling and storing.
- Antislip surface guarantees safe access to the boat
- All fittings needed for installation are included
- Floatability
- All materials are UV protected
- UV resistant tread surface
- PU UV resistant wheels that do not leave marks
- Protected against scratches while storing with special elastic side tape



NEW



Code	Length m	Width m	Weight kg	Load capacity Kg	Color
<b>3146-220</b>	2,2	0,39	8,5 Kg	300 Kg	White
<b>3146-280</b>	2,8	0,45	12,5 Kg	300 Kg	White



NEW

**PLASTIC SEA STEP**

Plastic sea step with UV resistance  
The number of steps depends on the clients' demand.

Code	Dimensions cm	Thickness cm
4672	L 79 cm x W 16 cm	3,7

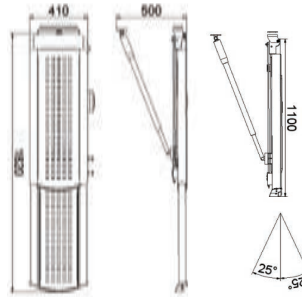


NEW

**MIRROR POLISHED STAINLESS STEEL FOLDABLE GANGWAY**

Frame made of round pipe for extra strength, precision-cast AISI 316 stainless steel hinges and head, fitted with Iroko granting.

Κωδικός	Length m	Width m	Weight kg	Version
684	2.20	2,8	13,5	Foldable



**ELECTRIC GANGWAYS**

Telescopic electric gangways.  
2 sizes to choose from. Handrails available with code 658-2 .

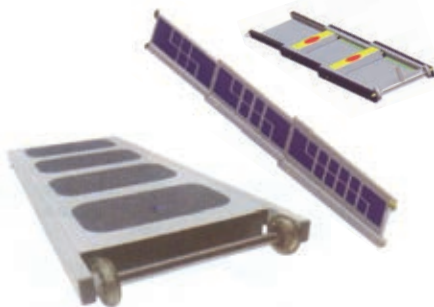
Code	Length m	Elevation kg
4503 - 190	1,90	100
4503 - 250	2,50	100



**ELECTRO-HYDRAULIC GANGWAYS**

Mzelectronic's electro-hydraulic gangways are made of inox and are available in 3 sizes and 2 floor choices. They are fully automated thanks to the electronic control unit produced by the same company. They come with remote panel, remote control and stainless steel handrails.

Code	Length m	Elevation kg	Floor Type
4397-200	2,00	200	Teak wood
4397-230	2,30	150	Teak wood
4397-260	2,60	150	Teak wood



**TELESCOPIC FOLDABLE GANGWAY**

Foldable gangway made from aluminium with small volume. Double safety handle mechanism for opening/closing , four strong stainless steel pins that allow to block each section on the desirable position. Special plastic guides that allow each section to smoothly slide and to not close back during opening operations. Anti-sliding surface. Double pair of wheel, one in front and one pair back, to protect teak or fiberglass floor on the boat.

Code	Length cm	Width cm	Weight Kg
2740	87/200	39	15



NEW



**Code 655-3**  
**STAINLESS STEEL GANGWAY HANDRAIL**  
Suitable for codes 658\* and 660\*



**INBOARD ALUMINIUM GANGWAY ATTACHMENT.**  
Suitable for codes 658\*, 659\* and 660\*

Code	Diameter mm
655 - 1	25

**FOLDABLE STEP**

Made of investment cast mirror polished AISI 316 stainless steel; fitted with anti-vibration device.

Code	Mounting base	Size mm closed	Size mm opened
3973	111 x 65	38	145



**PIPE AND HOSE REPAIR KIT**

Suitable for sealing leaks in water pipes, oil pipes, gas pipes and more. Works on virtually any surface: rubber, plastic, copper, steel. Ready in just 30 minutes. Finished repair can be sanded and painted. Pressures up to 20 Bar.

Code	Dimensions m x cm
<b>4213 - 75</b>	L 2,7 x W 7,5



**FABRIC TAPE**

Multi purpose tape, suitable for temporary repairs. A high tensile cloth tape that will tear easily by hand and will bond readily to most surfaces yet removes cleanly. Color: light grey.

Code	Dimensions m x cm
<b>3851</b>	L 5 x W 5



**SAFETY ANTISKID STRIPS**

Safety Tread die cut into ten strips suitable for applying to steps, gangways, decks etc.

Code	Number of strips	Dimensions mm	Color
<b>3388-1</b>	10	19 x 300	White
<b>3388-2</b>			Black
<b>3388-3</b>			Transparent



**NEW**

**CABLES CUTTER, WITH RUBBER HANDLE**

Suitable for cutting steel cables and rods; ideal as work tools in the shop or in dockyards or as emergency tools for sail boats.

Code	Length mm	For S.S. cables up to mm
<b>4583</b>	480	10



**ANTI - SKID TAPE**

Rubber tape made especially to provide extra grip. Extremely resistant to UV lights and sea water. It can be removed easily without leaving any sticky residue.

Code	Dimensions m x cm
<b>3850 - BLACK</b>	L 4 x W 5



**NEW**

**SAIL-MAKER'S PALM**

Made of leather with reinforced metal, suitable for sewing or splicing.

Code	Type
<b>858-1</b>	Right hand
<b>858-2</b>	Left hand



**ANTI - SKID TAPES**

This waterproof vinyl tape has a textured surface which aids grip when applied to decks and companion ways. Color: White.

Code	Dimensions m x cm
<b>1260</b>	L 5 x W 5
<b>1261</b>	L 20 x W 10

**SELF-ADHESIVE NYLON TAPES**

Ideal for temporary repairs to torn sails..

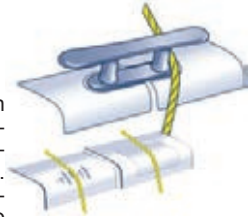


Code	Dimensions m x cm
<b>4209 - WHITE</b>	L 4,5 x W 5
<b>4209 - YELLOW</b>	L 4,5 x W 5
<b>4209 - RED</b>	L 4,5 x W 5
<b>4209 - BLUE</b>	L 4,5 x W 5

**CODE 3866**

**ANTI-CHAFE PATCH**

Polyolefin film with a high performance acrylic adhesive. Operating temperature -40°C to 107°C. This application is intended to help prevent wear to vulnerable areas of the boat. Pack contains 4 clear UV resistant sheets on a blue disposable liner



Number of Patches	Dimensions L x W mm	micron
<b>2</b>	L 150 x W 125	250
<b>1</b>	L 125 x W 105	130
<b>1</b>	L 125 x W 75	130



**SPRAY STOP ANTI SPLASH TAPE**

An IMO compliant solution to the risk of spray out from pipe flanges and the fuel system. It can also be used on hot water and steam systems. Quick and easy to apply. Coil wrap the tape around any joint or linkage in the fuel system. Recommended for all vessels. Made of multilayer aluminium/glasscloth coated material. Tensile strength 158 lbs and max pressure 20 bar.

Code	Dimensions m x cm
<b>3865</b>	L 10 x W 5



**CANOPY (with fixed frames)**

Provides absolute protection from the sun on small inflatables and crafts. Resistant, made of polyester 600 D coated by PU, UV resistant and weight 200 gr/m<sup>2</sup>. Its frames are made of anodized aluminium Ø 22 mm and they are connected disposing you from the duty of putting them together. It carries a 3 year fabric guarantee. Color: Grey.



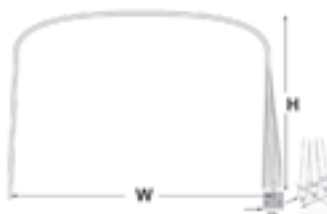
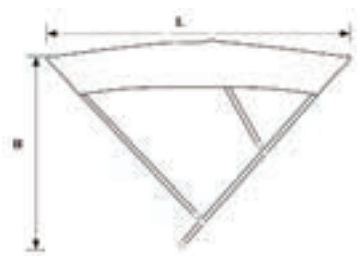
Code	Dimensions mm	Boat Width mm	Spare Canopy Fabric
<b>623 - 13</b>	W 130 x L 210 x H 98	120 - 140	PA623 - 13
<b>623 - 15</b>	W 150 x L 225 x H 120	140 - 160	PA623 - 15
<b>623 - 17</b>	W 175 x L 275 x H 98	160 - 180	PA623 - 17
<b>623 - 18</b>	W 185 x L 275 x H 108	180 - 200	PA623 - 18

**FOLDABLE CANOPY (with removable frames)**

Suitable for small inflatables and crafts. Made of polyester 600 D coated by PU, UV resistant and weight 200 gr/m<sup>2</sup> that makes it resistant to all weather conditions while the frames are made by anodized aluminium Ø 22 mm. It can be easily installed and folded for storage. It carries a 3 year fabric guarantee. Color: Grey.



Code	Dimensions mm	Boat Width mm	Spare Canopy Fabric
<b>619 - 12</b>	W 125 x L 160 x H 109	120 - 140	PA619 - 12
<b>619 - 14</b>	W 145 x L 220 x H 108	140 - 160	PA619 - 14
<b>619 - 16</b>	W 160 x L 250 x H 110	160 - 180	PA619 - 16
<b>619 - 18</b>	W 180 x L 260 x H 115	180 - 200	PA619 - 18



**ΤΕΝΤΑ ΣΠΑΣΤΗ ΑΝΟΔΕΙΩΜΕΝΟΥ ΑΛΟΥΜΙΝΙΟΥ (με τρία μπράτσα).**

Παρέχει προστασία από τον ήλιο σε μικρά φουσκωτά, ταχύπλοα και βάρκες. Ανθεκτική, κατασκευασμένη από πολυεστέρ 600 D με επικάλυψη PU, UV φίλτρα και βάρους 200 gr/m<sup>2</sup>. Τα πλαίσια είναι φτιαγμένα από ανοδιωμένο αλουμίνιο. Ø 22 mm και είναι συνδεδεμένα μεταξύ τους απαλλάσσοντας σας από τον κόπο συναρμολόγησης. Όταν κλείσει σπάνε τα μπράτσα και μεταφέρεται πολύ εύκολα. Φέρει εγγύηση υφάσματος 3 ετών.



Κωδικός		Διαστάσεις mm	Ανταλ. Πανί
<b>625 - 15/ΓΚΡΙ</b>	<b>625 - 15/ΜΠΛΕ</b>	L 200 x W 150 x H 130	ΠΑ625 - 15 ΜΠΛΕ / ΓΚΡΙ
<b>625 - 17/ΓΚΡΙ</b>	<b>625 - 17/ΜΠΛΕ</b>	L 210 x W 170 x H 130	ΠΑ625 - 17 ΜΠΛΕ / ΓΚΡΙ
<b>625 - 19/ΓΚΡΙ</b>	<b>625 - 19/ΜΠΛΕ</b>	L 210 x W 190 x H 130	ΠΑ625 - 19 ΜΠΛΕ / ΓΚΡΙ
<b>625 - 21/ΓΚΡΙ</b>	<b>625 - 21/ΜΠΛΕ</b>	L 210 x W 210 x H 130	ΠΑ625 - 21 ΜΠΛΕ / ΓΚΡΙ



**ΤΕΝΤΑ ΜΕ ΣΤΑΘΕΡΑ ΠΛΑΙΣΙΑ ΑΝΟΞΕΙΔΩΤΗ (με τρία μπράτσα).**

Παρέχει προστασία από τον ήλιο σε μικρά φουσκωτά, ταχύπλοα και βάρκες. Ανθεκτική, από καμβά με επικάλυψη PU, UV φίλτρα και βάρους 330 gr/m<sup>2</sup>. Τα πλαίσια είναι φτιαγμένα από ανοξείδωτο σωλήνα Ø 22 mm και είναι συνδεδεμένα μεταξύ τους απαλλάσσοντας σας από τον κόπο συναρμολόγησης. Φέρει εγγύηση υφάσματος 3 ετών. Χρώμα: Μπλε.

Κωδικός	Διαστάσεις mm	Ανταλ. Πανί
<b>729 - 15</b>	L200 x W150 x H130	ΠΑ729 - 15 ΜΠΛΕ
<b>729 - 17</b>	L210 x W170 x H130	ΠΑ729 - 17 ΜΠΛΕ
<b>729 - 19</b>	L 210 x W 190 x H 130	ΠΑ729 - 19 ΜΠΛΕ
<b>729 - 21</b>	L 210 x W 210 x H 130	ΠΑ729 - 21 ΜΠΛΕ



**ΤΕΝΤΑ ΜΙΚΡΟΥ ΦΟΥΣΚΩΤΟΥ ΜΕ 2 ΣΠΑΣΤΑ ΜΠΡΑΤΣΑ ΑΝΟΔΕΙΩΜΕΝΟΥ ΑΛΟΥΜΙΝΙΟΥ**

Παρέχει προστασία από τον ήλιο σε μικρά φουσκωτά, ταχύπλοα και βάρκες. Ανθεκτική κατασκευασμένη από πολυεστέρ 600D με επικάλυψη PU, UV φίλτρα. Τα πλαίσια είναι φτιαγμένα από ανοδιωμένο αλουμίνιο Ø 22mm. Τα μπράτσα σπάνε για εύκολη μεταφορά και έχει extra μάντες στερέωσης. Φέρει εγγύηση υφάσματος 3 ετών.

Κωδικός	Διαστάσεις cm
<b>621-13</b>	L 154 x W 127 x H 140
<b>621-15</b>	L 160 x W 140 x H 144

**Κωδ. 621  
ΒΑΣΗ ΤΕΝΤΑΣ ΑΛΟΥΜΙΝΙΟΥ  
ΓΙΑ ΜΙΚΡΑ ΦΟΥΣΚΩΤΑ ΣΚΑΦΗ**

Συνδυάζεται με τέντες με κωδικούς 621-13, 621-15 Διαστάσεις L 90 mm x H 40 mm x D 10 mm



**Κωδ. 50144-1  
ΥΦΑΣΜΑ ΠΟΛΥΕΣΤΕΡ**

·Υφασμα: Πολυεστέρας (PES) 600D\*600D  
·Επικάλυψη: Πολυουρεθάνη (PU)

- Βάρος ανα τετρ.μέτρο: 240 gr/m<sup>2</sup>
- Χρώμα: pantone 289C ΒΑΘΥ ΜΠΛΕ(όπως Captain Navy)
- Με καλή προστασία UV
- Υψηλή αντοχή σε εφελκυσμό, σχίσιμο και αποχρωματισμό.
- Μήκος ρολού: 100 μέτρα, Πλάτος 1,5 μέτρα



**Κωδ. 50144-2  
ΥΦΑΣΜΑ ΠΟΛΥΕΣΤΕΡ**

·Υφασμα: Πολυεστέρας (PES) 600D\*600D  
·Επικάλυψη: Πολυουρεθάνη (PU)

- Βάρος ανα τετρ.μέτρο: 240 gr/m<sup>2</sup>
- Χρώμα: pantone 427C ΓΚΡΙ
- Με καλή προστασία UV
- Υψηλή αντοχή σε εφελκυσμό, σχίσιμο και αποχρωματισμό.
- Μήκος ρολού: 100 μέτρα, Πλάτος 1,5 μέτρα



**Κωδ. 50144-3  
ΥΦΑΣΜΑ ΠΟΛΥΕΣΤΕΡΑΣ**

·Υφασμα: Πολυεστέρας (PES) 600D\*1200D  
·Επικάλυψη: Πολυουρεθάνη (PU)

- Βάρος ανα τετρ.μέτρο: 350 gr/m<sup>2</sup>
- Χρώμα: pantone 289C ΒΑΘΥ ΜΠΛΕ(όπως Captain Navy)
- Με καλή προστασία UV
- Υψηλή αντοχή σε εφελκυσμό, σχίσιμο και αποχρωματισμό.
- Μήκος ρολού: 60 μέτρα, Πλάτος 1,5 μέτρα

**TELESCOPIC MOUNTING SPARE PARTS FOR CANOPIES:**

Made of anodised aluminum Ø 22mm and 19mm with adjustable length system.

A: CODE 638

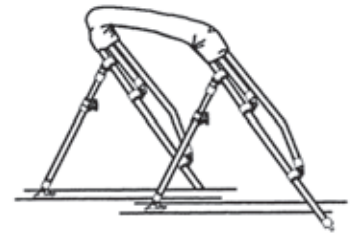
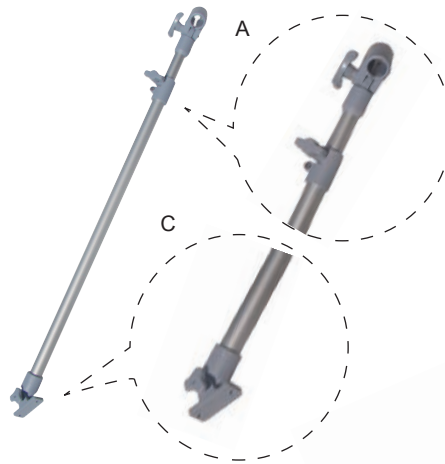
Tube end Ø 19 mm.

C: CODE 633-G

Foldable base.



Code	Height cm	
	Closed	Opened
626	72	121



**TELESCOPIC SUPPORTS FOR TENTS**

Made of Ø 22/25-mm stainless steel. It supports the tent rear side.



Code	Hose diameter mm	Length mm	Parts
3845	22/25	750/1200	2 x End caps Ø 22mm 2 x End caps Ø 25mm 2 x 90° fork articulated joints with unthreadable spring pin Ø 22mm 2 x Fork articulated joints Ø 22mm 2 x Joints for tent tubes Ø 22/25mm 2 x stainless steel 316 pipes L60 cm Ø 25x1.2 2 x stainless steel 316 pipes L60 cm Ø 22x1.2



**CANOPY ANGLE**

Fixed 90° made of nylon.



Code	Dimensions cm	Ø mm
640 - BLACK	L 7 x W 7	22
640 - GREY		

**CANOPY JUNCTION**

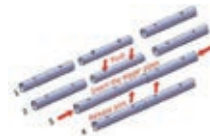
Folding, made of nylon.



Code	Dimens. cm	Ø mm
1899 - BLACK	L 5 x W 5,5	22
1899 - GREY		

**CONNECTION JOINTS FOR STRAIGHT PIPES**

Stainless steel. Fitted with two spring lock buttons. To be mounted inside the pipe. It connects tubes of 22mm diameter with tubes of 25mm diameter and internal thickness 1,2 mm



Code	Length mm	For pipe diameter mm
3844-1	150	22 x 1,2
3844-2	150	25 x 1,2



**CANOPY MOUNTING**

Made of PVC. For inflatable boats.

Code	Dimensions cm	Diam. mm
631 - GREY	L 9,6 x W 7,3	22



**CANOPY JUNCTION NEW TYPE**

Folding, made of nylon.

Code	Dimensions cm	Ø mm
1898-GREY	L 5 x W 6	22
1898-BLACK	L 5 x W 6	22



**CANOPY MOUNTING**

Made of nylon. Side mounting.

Code	Dimensions cm	Diam. mm
632 - GREY	L 5,5 x W 2,5	22



**CANOPY MOUNTING**

Made of nylon. Placed horizontally

Code	Dimens. cm	Diam. mm
633 - BLACK	L 5,5 x W 2,5	22
633 - GREY		



**Code 2412 RAIL COMPLETE TOP SLIDER KIT NYLON**  
Includes: 2 hinges, 2 stops and 2 aluminium rails of 90 cm.



**CANOPY TUBE CONNECTOR**

Code	Tube Diameter mm	Length cm
3172	22	L 10



**PVC RAIL FOR CURTAINS**

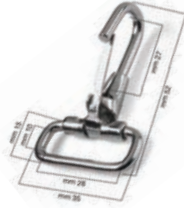
Code	Length m	Width mm
736-1	6	17
736-2	6	34



**Code 434-1**  
**BELT NAYLON HOOK**  
For canopy's strap 25 mm, grey



**Code 435**  
**NAYLON HOOK**  
For canopy's strap 25 mm.  
White, grey, black.



**NAYLON HOOK**

Code	For webbing of width mm
734	28



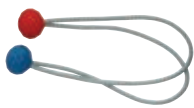
**RAIL RIGHT DECK HINGE NAYLON**

Code	Length mm	Width mm
2411 - 2	62	19



**RAIL LEFT DECK HINGE NAYLON**

Code	Length mm	Width mm
2411 - 1	62	19



**SAIL FASTENERS WITH 2 PLASTIC BALLS**

Code	Length cm
600-1	40
600-2	60



**RAIL SIDE DECK HINGE NAYLON**

Code	Length mm	Width mm	Height mm
2413	57	20	25,4



**BUTTON NAYLON**

Code	Color	Dimensions mm
703	White	L25 x W12 x H8. Suitable screw up to 4mm



**HOOKS FOR INFLATABLE BOAT COVERS**  
Nylon.



Code
1171 - Grey
1171 - White
1171 - Black



**NAYLON WEBBING BRIDGES**

Code	External Length mm	Internal length mm	Height mm	Color
700-1	45	27	0,9	White
700-2	65	40	10	White



**ROPE HOOKS**  
Plastic.

Code	Diameter mm
436-04	4
436-06	6
436-08	8
436-10	10



**BUTTON NAYLON**

Code	Diameter mm	Color
702-WH	19	White
702-B	Suitable screw up to 4mm	Black



**CASHING BUTTON**

For awnings, plastic. For code 629. For slotted flat head countersunk screws 4,8 mm - 5,5 mm

Code	Int.Diam mm
645 - BLACK	5
645 - WHITE	



**WEBBING SNAP HOOK**  
Stainless steel. For canopy strap.

Code	Length mm	Strap mm
3984	57	W 30



**TERMINAL CAP**  
Stainless steel 316.

Code	Dimensions mm
3831-1	22
3831-2	25



**BUTTON INOX**

Code	External Diameter mm	Internal Diameter mm
604	13	5



**MULTIPURPOSE STAINLESS STEEL HOOKS**

Code	Dimensions mm
649	W17 x L28





**STAINLESS STEEL EYE ENDS**

For fastening a canopy.

Code	Diameter mm
679 - 22	22
679 - 25	25



**STAINLESS STEEL 316 EYE ENDS**

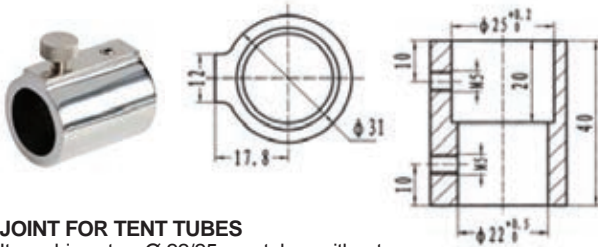
For fastening a canopy. With ball ends that gives freedom of movement to all the directions.

Code	Diameter mm
1903	22
3836	25



**COVER F90°**  
Stainless steel.

Code	For pipe diameter mm
3839-22	22
3839-25	25



**JOINT FOR TENT TUBES**

It combines two Ø 22/25-mm tubes without weld, or makes them telescopic by fitting one into the other.

Code	For hose diameter mm
3843	22/25



**STAINLESS STEEL TUBE JOINTS**

For fastening a canopy.

Code	Diameter mm
680 - 22	22
680 - 25	25



**STAINLESS STEEL 316 JAW SLIDE**

For fastening a canopy. Special plastic inserts ensure smooth movement and tight rattle free fit.

Code	Diameter mm
1904	22
1904-25	25



**STAINLESS STEEL 316 FOLDABLE TUBE JOINTS**

Stainless steel 316 tube joints with lever clamping.

Code	Diameter mm
1902	22
1902-25	25



**FLAT TENT BASE**  
Stainless steel.

Code	Dimensions mm
3837	93 x 40



**TENT BASE**

Stainless steel. Openable for mounting to pipe with diameter 25 mm

Code	For pipe with diameter mm
3838	25

**TENT BASE**  
Stainless steel, fitted with retrievable pin.



Code	Dimensions mm	For pipe diameter mm
3840	90 x 40	22/25/30



**STAINLESS STEEL CANOPY JOINTS**

Code	Diameter mm
2423 - 22	22
2423 - 25	25



**STAINLESS STEEL FOLDABLE JOINTS**

Code	Diameter mm
673 - 22	22
673 - 25	25



**STAINLESS STEEL UNIVERSAL DECK HINGES FOLDING**

Can be mounted horizontally or vertically and can be inclined.

Code	Description	Dimensions mm
666 - 1	With screw	L 69 x W 8 x H 46
666 - 2	With safety pin	



**STAINLESS STEEL DECK HINGES**

Angle base for tubes.

Code	Description	Dimensions mm
671 - 1	With screw	L 60 x W 22 x H 36
671 - 2	With safety pin	



694-2



694-1

**STAINLESS STEEL DECK HINGES**  
Inclined base.

Code	Description	Dimensions mm
694 - 1	With screw	L 60 x W 19 x H 36
694 - 2	With safety pin	



672-2



672-1

**STAINLESS STEEL DECK HINGES**  
Vertical base.

Code	Description	Dimensions mm
672 - 1	With screw	L 60 x W 18 x H 36
672 - 2	With safety pin	



3842-1



3842-2

**BIMINI BASE WITH EPDM SUPPORT FOR INFLATABLES**  
Stainless steel. The EPDM support is designed to be stuck on the inflatable chambers.

Code	Dimensions of mm	EPDM	Stainless Steel Base dimensions mm	Type	For hose diameter mm
3842-1	188 x 135		90 x 40	External	22/25/30
3842-2	188 x 135		90 x 40	Recess	22/25/30



**STAINLESS STEEL DECK HINGE**  
Side mounting.

Code	Dimensions mm
695	L 5,1 x W 2,3



3841-1



3841-2



**SNAP BASE FOR TENTS**  
Stainless steel snap hooking system.

Code	Base dimensions mm	Type	For hose diameter mm
3841-1	90 x 40	External	22/25/30
3841-2	54 x 29	Recess	22/25/30



**STAINLESS STEEL JAW SLIDERS ADJUSTABLE**

Code	Diameter mm
682 - 25	25



**STAINLESS STEEL FAIRLEAD**

Code	Thickness mm
317 - 1	5
317 - 2	6
317 - 3	8



**STAINLESS STEEL FAIRLEAD**

Code	Diameter mm
318 - 1	10
318 - 2	13
318 - 3	17



**PLATE**  
It is combined with code 751. It is used with codes 3975, 3976, 3977, 3997.

Code	Internal diameter mm
752	10 mm



**GRUMMET**  
It is combined with code 752. It is used with codes 3975, 3976, 3977, 3997.

Code	Internal diameter mm
751	10 mm



**MINAX**  
White, plastic.



Code	Type
3796	Male
3799	Female with safety pin



**PUNCH FOR CLASPING – GRUMMET**  
For code 629\*.

Code	For claspings – grummet with internal diameter mm
771-12	12 mm
771-15	15 mm
771-16	16 mm
771-19	19 mm



**PUNCH FOR CLASPING – GRUMMET**

Code	Suitable for codes
750	648
750-1	751, 752



**Code 648**  
**TURNING BUTTONS**  
For canopy canvas, made of chromed brass. Set of 3 pcs.



**Code 3975**  
**FABRIC GLASS.**  
With wood screw. It is combined with 3974.



**CANOPY CLASPING**  
Chromed brass.  
For code 645, 702 and 604.

Code	Internal diameter mm
629-12	12
629	15
629-16	16
629-19	19



**SCREW COVER FLAT**  
Stainless Steel.

Code	A mm	B mm	C mm
620	42	44	4,5



**Code 3976**  
**FABRIC GLASS**  
With nut Screw. It is combined with 3974.



**Code 3999**  
**DEVICE TO SCREW**



**PLASTIC SHIM**  
For slotted flat head countersunk screws 4,8 mm - 5,5 mm



Code	Int.Diam mm
643 - BLACK	5
643 - WHITE	



**BRASS CHROME CANOPY CLASP**  
Set of 4 pieces male-female

Code	Diameter mm
630	17



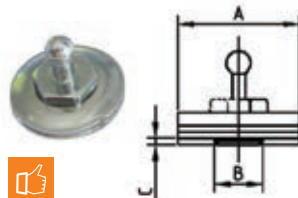
**Code 3977**  
**PLATE FASTENING**  
With 2 screws. It is combined with 3974.



**Code 3974**  
**FAST SNAP**  
Made of chromed brass. It is combined with code 3997.

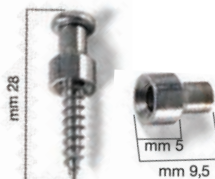
**FAST SNAP CHROMED BRASS**  
Brass chrome plated and stainless steel. It is combined with code 3974

Code	Dimensions		
	A	B	C
3997	20 mm	M10	1 mm



**KNURL SCREW**

Code	Length mm
749-9	9
749-17	17



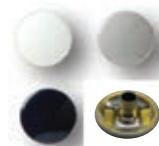
**INOX SCREW**

Code	Length mm
775	28



**SCREW HOLDER WITH CAP**  
For screws 4,8 - 6 mm, plastic.

Code
635 - BLACK
635 - WHITE
635 - GREY



**Cup in 3 different colors**  
for code 630

Code	Diameter mm	Color
748-WH	15	White
748-BL	15	Navy Blue
748-GR	15	Light Grey

**PADDLES - HOOKS**

Find a full range of paddles and hooks suitable for small boats, inflatables, canoes etc. in several lengths. They are made of anodized aluminium and reinforced polypropylene. Their plastic spare parts are also available



718-28 718-30 3412 4484 4485 4485 3409 4247

**CANOE PADDLES**  
with two plastic grips

Code	Length cm	Tube diameter mm
718 - 28	230	28
718 - 30	240	30

**CANOE PADDLE**

Code	Length cm	Tube diameter mm
3412	200	25

**KAYAK PADDLES**

With two plastic grips dismantable.

Code	Length cm	Tube diameter mm
4484 - 1	220	25
4484 - 2	230	25

**KAYAK PADDLES**  
With two plastic grips.

Code	Length cm	Tube diameter mm
4485 - 1 BLUE	220	29
4485 - 1 ORANGE	220	29
4485 - 2 BLUE	230	29
4485 - 2 ORANGE	230	29

**STANDARD PADDLES**  
for several uses

Code	Length cm	Tube diameter mm
3409	150	25

**TELESCOPIC PADDLE**  
Colour: orange.

Code	Length FROM / TO cm	Tube diameter mm
4247	53 / 107	25/22





3406-2



**DISMOUNTABLE PADDLE FOR LIFERAFT**  
Dismountable paddle with pole made of anodised aluminum and foot paddle made of reinforced polypropylene. Suitable for all size liferafts. The paddle is composed of two parts.

Code	Close Length cm	Total Length cm	Pole Diameter mm
3406-2	49	91	25

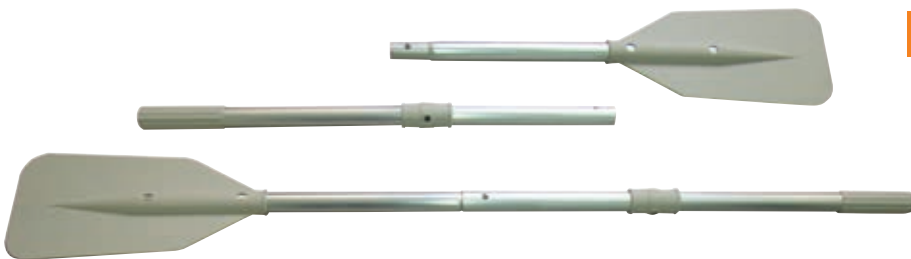


3406-3



**DISMOUNTABLE PADDLE FOR LIFERAFT**  
Dismountable paddle with pole made of anodised aluminum and foot paddle made of reinforced polypropylene. Suitable for all size liferafts. It may be produced in different pole dimensions upon special request.

Code	Length mm
3406-3	The pole dimensions are adjusted according to special requests



**DISMOUNTABLE PADDLES FOR INFLATABLE BOATS**

Code	Length cm	Tube Diameter mm
783-13	142	29
783-14	152	29
783-15	162	29



**DISMOUNTABLE PADDLES FOR INFLATABLE BOATS**  
The pole is made of anodized aluminum and the paddle blade of reinforced polypropylene.

Code	Length cm	Tube diameter mm
741 - 14	140	35
741 - 15	150	35
741 - 16	160	35



3418 3419	711 712 713	721 706 714	715 717 716



709



**SPARE GRIP**

Code	Ø mm
738	25

**SPARE PADDLE BLADES**



Code	Length cm	Hole Diam mm
3207 - GREY	L 60 x W 12,5	30
3208 - GREY	L 60 x W 12,5	35
740 - 30	L 50 x W 12,5	30
3413 - 25	L 39 x W 17,5	25



3208      740-30      3413-25

**STANDARD PADDLES WITH PALM GRIP**  
for several uses

Code	Length cm	Tube diameter mm
3418	120	25
3419	105	

**PADDLES**  
With oarlock slot.

Code	Length cm	Tube diameter mm
711 - GREY	220	
712 - GREY	200	35
713 - GREY	185	

**STANDARD PADDLES**

Code	Length cm	Tube diameter mm
706 - GREY	180	
714 - GREY	160	
721 - GREY	140	

**DISMOUNTABLE PADDLES**

Code	Length cm	Tube diameter mm
715 - GREY	200/100	
716 - GREY	180/90	35
717 - GREY	160/80	

**TELESCOPIC PADDLES**  
With oarlock slot.

Code	Length cm	Tube diameter mm
709 - GREY	200/150	30/25



735-25      735-30      735-35

**OAR GRIPS**



Code	tube diameter mm
735 - 25	25
735 - 30	30
735 - 35	35



754  
747

730  
EVAL  
👍

3411  
EVAL  
👍

710  
EVAL  
👍

723  
723-1  
EVAL  
👍

720-14  
720-18  
720-22  
EVAL  
👍

**SQUARE WOODEN OARS**  
regular type (Pair)

Code	Length cm
747 - 20	200
747 - 22	220
747 - 23	230
747 - 25	250
747 - 27	270
747 - 30	300

**SQUARE WOODEN OARS,**  
light type (Pair)

Code	Length cm
754 - 18	180
754 - 20	200
754 - 22	220
754 - 23	230
754 - 25	250

**TELESCOPIC  
ALUMINIUM HARPOON**

Code	Length cm	Tube diameter mm
730	200/105	30/25

**PADDLE WITH HOOK**  
For several uses.

Code	Length cm	Tube diameter mm
3411	160	25

**TELESCOPIC PADDLE WITH  
HOOK**  
With oarlock slot.

Code	Length cm	Tube diameter mm
710	200/150	30/25

**TELESCOPIC BOAT HOOKS**

Code	Length cm	Tube diameter mm
723	210/123	25/30
723 - 1	98/68	

**BOAT HOOKS**

Code	Length cm	Tube diameter mm
720 - 14	140	25
720 - 18	180	
720 - 22	220	



**SPARE HOOK**

Code	Ø mm
739 - GREY	25



**STAINLESS STEEL ROWLOCK FOR PADDLES**

Code	Dimensions cm	Hole Ø mm
3170	H 21 x L 15 x W 4	16



1143-43



1143-52

**NYLON WATER RESISTANT ROWLOCKS**

Code	Ø mm
1143 - 52	52
1143 - 43	43



**SPARE GRIP**

Code	Ø mm
738	25

**HOLDER TUBE NAYLON**



Code	Hole Ø mm	For Tube Ø mm
678-20	20	20
678-25	25	25
678-30	30	30
678-35	35	35
678-40	40	40



**GALVANIZED ROWLOCK**

Code	Hole Ø mm
3383	13



**WOODEN ROWLOCK**  
For codes 1126-1127.

Code	Length mm
1128	245



**STAINLESS STEEL SOCKET FOR ROWLOCK**

Code	Dimensions cm	Hole Ø mm
3171	H 11 x L 10 x W 6	22,5

**Code 1130 CHROME BRASS ROWLOCK**  
With brass socket, Ø 52 mm.



**ROWLOCK SOCKET**  
Galvanized, for code 3383.

Code	Hole Ø mm
3382	14



**PLASTIC ROWLOCKS HOLDER WHITE**

Code	Dimensions mm
1126	L 270 x W 60



**STAINLESS STEEL CLIPS**

Code	Diameter mm
4464 - 08	8
4464 - 10	10
4464 - 12	12
4464 - 16	16
4464 - 18	18
4464 - 20	20
4464 - 25	24
4464 - 28	28
4464 - 32	32



**Code 4635 FOLDABLE BRACKET FOR HOOKS**  
Set of 2 pcs



**WOODEN ROWLOCKS HOLDER**

Code	Dimensions mm
1127	L 240 x W 60



**POLE HOLDER CLIP**  
Durable plastic combined with stainless steel 316. The conjunction allows a slight flexibility of the clip diameter. Set of 2 pcs.

Code	Ø mm
4684	28-32



**Code 4408 RUBBER CLAMP (Pair)**  
Ideal for stowing or transporting tools. Can also be used as a pipe stand-off (do not use on exhaust pipes). Mounts easily with one bolt or screw and with the strap facing any direction. Holds object of 22-57mm diameter and up to 10 kgs.



**SAILBOAT SHADE**

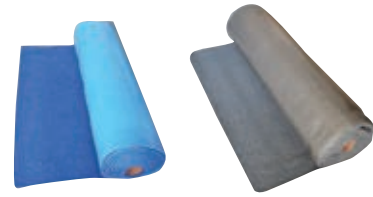
Applied to the sailboat's boom. White color, with complete accessories.



Code	Dimensions cm
4404 - 230	L 260 x W 230
4404 - 290	L 310 x W 290

**MARINE CARPET**

Made of resistant PVC, it is designed to offer safety and comfort on board, thanks to its non-skid surface. It is very resistant to the sun, salt and generally to the atmospheric conditions.



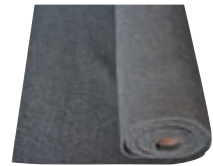
**WITH UNDERLAY PVC**

DIMENSIONS:	
L 6 m x W 1,2 m	4267 - 2/GREY
Thickness 12mm	4267 - 2/BLUE

**WELCOME MAT WITH PVC UNDERLAY**

Durable mats made of PVC, specially designed for boats as its non-skid surface offers safety on-board. They are resistant to sea conditions.

Code	Type	Dimensions mm	Thickness	Color
4744-BL				Blue
4744-GR	With pvc underlay	38 x 58cm	12mm	Grey
4744-BR				Brown



**WITHOUT UNDERLAY PVC**

DIMENSIONS:	
L 6 m x W 1,2 m	4267 - 4/GREY
Thickness 12mm	4267 - 4/BLUE

**JET SKI COVERS**

Enforced covers for the best protection of your jet ski. Eval jet ski covers are necessary for the protection against the sun, rain and dust, especially in periods that it is not in use. They are made of waterproof polyester 300D with PA cover. They come with straps in order to fit the jet ski perfectly and a storage bag. The sews are reinforced with extra waterproof tapes that makes the covers totally water resistant.

Code	Length from - to cm	Width cm	Description
3483 - 1	260 - 290	73	For one seated or two seated
3483 - 2	266 - 320	73	For two seated or three seated
3483 - 3	268 - 320	150	For two seated or three seated



**OUTBOARD MOTOR COVERS**

Made of waterproof resistant polyester 300D with PA over for best protection and waterproofing. The sews are reinforced with extra waterproof tapes that makes the covers totally water resistant. They are provided with a lace and zipper to fit the cover perfectly on your engine.



**OUTBOARD MOTOR COVERS**

Enforced waterproof Covers for the best protection of your engine. The new series of Eval Engine Covers protects your engine in periods that is not being used. They are made of polyester 300D with PA cover with extra enforcement and cover for best strength and waterproofing. They are provided with a lace to fit the cover perfectly on your outboard engine.

Code	Description	Dimensions cm
3485 - 02	For engine up to 8 Hp	W 75 x H 125
3485 - 08	For engine up to 70 Hp	W 87 x H 157
3485 - 11	For engine up to 150 Hp	W 125 x H 210
3485-14	Up to 350 Hp	W 135 x H 210

Code	Description	Dimensions cm
3488 - 6	For engine up to 6 Hp	48,3 x 28 x 30,5
3488 - 25	For engine up to 40 Hp	48 x 45 x 36
3488 - 60	For engine up to 60 Hp	76 x 38 x 40,6
3488 - 90	For engine up to 90 Hp	76 x 40,6 x 53,3
3488 - 150	For engine up to 150 Hp	76,2 x 43,2 x 88,9
3488 - 250	For engine up to 300 Hp	88,9 x 63,5 x 76,2

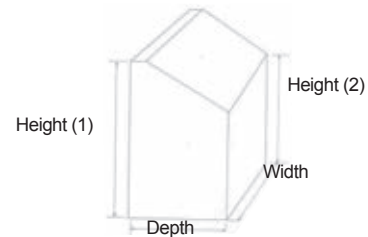
**BOAT COVERS**

Enforced waterproof Covers for the best protection of your boat!

Eval Boat Covers are necessary for the protection of your boat against the sun, rain and dust in periods that is not in use.. They are made of waterproof polyester 300D with PA cover and are being covered by special materials for greater waterproofing and sun protection. They are provided with high strength straps for the best adjustment on your boat. The enforced sewing offer great long lasting product while the sews are reinforced with extra waterproof tapes that makes the covers totally water resistant. The cover fits ideally with polyester boats, inflatable boats, with or without console, as they are being provided in several sizes according to the dimensions of your boat. The cover with code 3487-7 is made of waterproof polyester 600D and is available in blue color



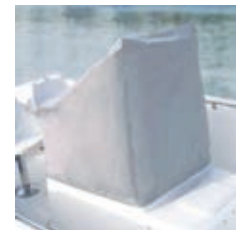
Code	Length from - to cm	Width cm	denier	Color
<b>3487</b>	240-300	150	300 D	Grey
<b>3487 - 0</b>	304 - 355	150	300 D	Grey
<b>3487 - 1</b>	427 - 488	180	300 D	Grey
<b>3487 - 2</b>	427 - 488	229	300 D	Grey
<b>3487 - 3</b>	488 - 564	239	300 D	Grey
<b>3487 - 4</b>	518 - 579	244	300 D	Grey
<b>3487 - 5</b>	550 - 610	265	300 D	Grey
<b>3487 - 6</b>	580 - 650	295	300 D	Grey
<b>3487 - 7</b>	630 - 710	380	600 D	Blue



**CONSOLE COVER**

Made of resistant waterproof polyester 300D with PA cover for best protection and waterproofing. Provided with a lace for perfect fit.

Code	For console with	Dimensions cm
<b>3481</b>	L 50 x W 40 x H 120	



**PEDESTAL SEAT COVERS**

Cover is designed to protect pedestal seats from moisture and UV deterioration.

Constructed of waterproof, light-weight, UV stable, mildew-resistant Silver Coat polyester fabric. Includes shock cord in hem for a snug fit.



Code	Type
<b>3414</b>	Fits Bucket Style Seats

**CONSOLE COVER**

It is made from waterproof Polyester 300D and it has double sewing seams and string at the bottom for better implementation. The sews are reinforced with extra waterproof tapes that makes the covers totally water resistant.

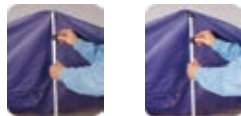
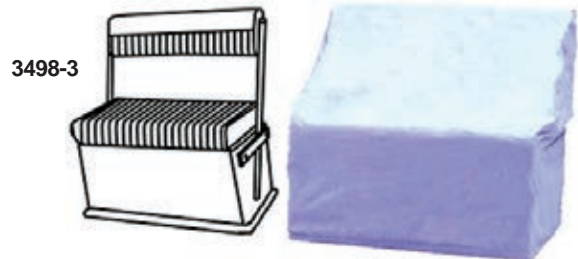
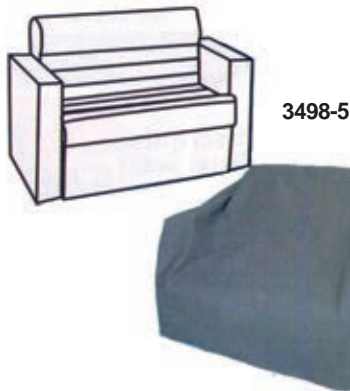
Furthermore it protects the boat from the ultraviolet solar radiation and the marine instruments from the bad weather conditions.

Code	Height 1 cm	Height 2 cm	Depth cm	Width cm
<b>4590 - 1</b>	115	90	45	55
<b>4590 - 2</b>	90	65	75	85
<b>4590 - 3</b>	120	105	70	65
<b>4590 - 4</b>	140	100	90	70

**BOAT SEAT COVERS**

The boat seat covers are made of 100% polyester of superior quality so as to protect the boat seats from fading and cracking when exposed to sun rays, wind and generally to sea conditions. The fabric allows natural air venting to keep the seats mildew free. The extra wide elastic band helps to keep the cover securely in place.

Code	Dimensions cm	Color
3498-1	L61 x W 56 x H 61	Γκρι
3498-2	L91,5 x W 50,8 x H 91,5	Γκρι
3498-3	L101,6 x W 50,8 x H 91,5	Γκρι
3498-4	L84 x W 56 x H 81,3	Γκρι
3498-5	L142 x W 58,4 x H 84	Γκρι



**ADJUSTABLE BOAT COVER SUPPORT POLE**

Extend the life of your boat cover by preventing water from pooling on top. The standard boat cover support pole has a non-marring tip on each end of a telescoping aluminum tube. A durable plastic knob allows for easy adjustment of the height.

Code	Description	Length
3804-1	Adjustable boat cover support pole	73-126 cm & Φ 19-Φ22 mm
3804-2	Adjustable boat cover support pole with 3 extra items	90-160 cm & Φ 19-Φ22 mm

**COVER OF MULTIPLE USE**

Cover made of polyethylene 130gr/m. Durable and waterproof, ideal for the boat, the car, the camping etc.

Code	Dimensions m
3486-1	2 x 2
3486-2	2 x 3
3486-3	2 x 4
3486-4	3 x 3
3486-5	3 x 4
3486-6	3 x 5
3486-7	3 x 6
3486-8	3 x 7
3486-9	4 x 4
3486-10	4 x 5
3486-11	4 x 8
3486-12	4 x 9
3486-13	5 x 6
3486-14	5 x 7
3486-15	6 x 8



**BRAVO 4  
DOUBLE ACTION  
HAND PUMP**  
Capacity 2x2000 cc.  
Made of polypropylene.  
Pressure up-to 1 bar (14,7 psi).



Code	Dimensions cm
1145	23 x 11 x 45



**BRAVO 6  
DOUBLE ACTION  
HAND PUMP**  
Made of ABS. Capacity  
2x2.500 cc. Pressure up  
to 0,6 bar (8,7 psi).

Code	Dimensions cm
1238	21 x 12 x 47



**BRAVO 6 M  
DOUBLE ACTION HAND  
PUMP WITH PRESSURE  
GAUGE**  
Made of ABS. Capacity  
2x2.500 cc.  
Pressure up to  
0,6 bar (8,7 psi).

Code	Dimensions cm
1149	21 x 12 x 47



**FOOT PUMPS  
HEAVY DUTY**  
It has universal adaptor.

Code	Capacity lt
1173	6



**FOOT PUMP 5lt**  
It has three types of  
connecting nozzles.  
Made of resistant PVC.



Code	Capacity lt
3704	5



**FOOT PUMP**  
It has three types of  
connecting nozzles.  
Made of resistant PVC.

Code	Capacity lt
1146	3



**Code 522  
PRESSURE RELIEF VALVE**

The new pressure relief valve has to be inserted between the inflatable boat and the air source. When overtaking the best pressure the valve releases the surplus air. In this way your inflatable boat will have the best pressure.



**FOOT PUMP PROFESSIONAL**  
It has double chamber of low and high volume.  
Suitable even for big dinghies.  
Max pressure 1,0 bar (14,7 psi).

Code	Capacity lt
1184	6,5



**CODE 523  
ADAPTOR FOR PUMPS**  
Suitable for all pumps with  
thread tube.





**Code 1148**  
**ELECTRIC PUMP MB 50/12 C**  
 12V - 40 mbar/ 0,55PSI.  
 Provided with adaptor for the most common type of valves.  
 Light and not bulky. Suitable for small inflatable boats.



**Code 1148 - 1**  
**ELECTRIC PUMP MB 80/12C**  
 12V - 80Mbar 700l/min.  
 Available with adaptor suitable for all type of valves.  
 Light, not bulky, suitable for inflatable boats.



**Code 1155**  
**ELECTRIC PUMP**  
 150 lt / min , 12V-300 mbar / 4.4PSI.  
 Incorporates automatic pressure regulator suitable for inflatable boats.  
 Capacity to inflate and deflate any inflatable equipment. Indicatively, it inflates an inflatable boat in about 10 minutes.



**Code 1237**  
**ELECTRIC PUMP**  
 1000 lt/min, 12V - 250 mbar. Capable of inflating in a few minutes even the biggest inflatable boats.  
 Weight 3,5 kg.  
 Inflates and deflates.

Boat size m	Inflating time min
4,80	3
5,20	4
5,80	6
7,30	8
9,50	9



**Code 1227**  
**ELECTRIC PUMP**  
 500 lt/min, 12V, Maximum pressure 80 Kpa, Weight 2,6 kg, High speed and high pressure, Equipped with connection clip for batteries and 3 m wire and spiral tube 2 m.

Boat size m	Inflating time min
2,60	3
3,50	5
4,80	9
5,20	11



**Code 1224**  
**ELECTRIC PUMP**  
 450lt/min, 12V-300mbar.High speed and high pressure. If the case is removed it can be permanently installed on boat. It is accompanied with the nozzles coded 1224-1 Adjustable pressure. Inflates and deflates.

Boat size m	Inflating time min
2,60	3
3,50	5
4,80	9
5,20	11



**Code 1150**  
**ELECTRIC PUMP FOR HEAVY DUTY**  
 1500 lt / min, 230 V -(120 V), 230 mbar.



**Code 3361**  
**HAND HELD LOUD-SPEAKER**  
 15 WATT



**Code 3703**  
**PRESSURE GAUGE**  
 For inflatable boats.



**WATERPROOF LOUDSPEAKER / VHF- 12V - 10 WATT**

Code	Type watt/Ohm
3942	10



**ELECTRIC TRUMPET WITH AMPLIFIER**  
 Electric horn, easy mounting, only requires for 2 horn wires to be connected into the control unit; supplied with mirror polished stainless steel bracket; fitted with voice amplifier device used to transmit vocal messages + automatic fog signal + VHF input; it includes microphone; RINA type-approved for pleasure and fishing boats from 12 to 20 metres.

Code	Volt	dB (1m)	Hz	Dimensions mm
3906-1	12V	112	800 Hz	154 x 121 x 132
3906-2	24V	112	800 Hz	154 x 121 x 132





**HORN ELECTRIC TRUMPET**  
Stainless Steel.

Code	Volt	Amp	dB	Hz
4223-3	12	6A	119	340



**HORN ELECTRIC TRUMPET**  
Stainless Steel.

Code	Volts	Amp	dB	Hz
4223 - 1	12	2,5	112	386



**DOUBLE ELECTRIC TRUMPET HORN**  
High and low tone. Stainless Steel.

Code	Type	Volts	Amp	dB	Hz
4223 - 2	High Tone	12	4,1	112	386
	Low Tone	12	4,5	116	337



**AIR HORN WITH WHITE ABS TRUMPET**

Small size but with high sound output. Complete with compressor.

Code	Volts	Amp	dB	Hz	Kg
3731 - 12	12	16	116	424	1,1



**CHROME PLATED HORN (PAIR)**  
Manufactured of non-corrosive materials.

Code	Volts	Amp	dB	Hz	Kg
1440	12	10	116	410 / 490	1,1



**ELECTROMAGNETIC HORN**  
Manufactured of non-corrosive materials. Stainless steel trumpet.

Code	Volts	Amp	dB	Hz	Kg	Length mm
1443	12	5	118	370	0,9	400



**HORN COMPLETE WITH PLASTIC GRILL STAINLESS STEEL BASE**

Code	Volts	Amp	dB	Hz
3562	12	5	108	400



**PLASTIC HORN LOW PROFILE**

Code	Volts	Amp	dB	Hz
4222	12	2	100	438



**HORN MADE OF ABS WITH STAINLESS STEEL BRACKET FOR SMALL BOATS**  
Compact style for easy installation.

Code	Volts	Amp	dB	Hz
1441	12	5	108	400



**TURBINE TYPE HORN**  
Stainless Steel.

Code	Volts	Amp	dB	Diameter mm
4221 - 1	12	2	100+5	83



**DOUBLE TURBINE TYPE HORN**  
Stainless Steel.

Code	Volts	Amp	dB	Diameter mm
4221 - 2	12	4	100+5	83



**CHROME PLATED HORN**  
Manufactured of non-corrosive materials.

Code	Volts	Amp	dB	Hz	Kg
3586	12	5	108	490	0,5



**BUILT-IN HIDDEN PLASTIC HORN**

Code	Dimen. mm	Volts	Amp	dB	Color
4964-W	W 83 x H 44	12	2	110 ±5	White



**DOUBLE TURBINE TYPE HORN**  
Stainless Steel.

Code	Volts	Amp	dB	Dimen. mm
4221 - 3	12	10	112	L 230 x W 92 x H 85



**BRASS PUSH SWITCH BUTTON 12V**  
With rubber cap.

Code	Dimensions mm	Diameter mm
1371	L 32	16



**Code 1383 PUSH BUTTON**  
Boat hole diameter : 22mm  
External diameter : 30mm



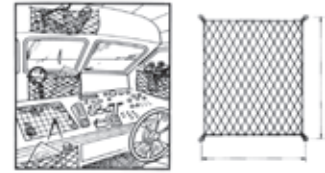
**RECTANGULAR ELASTIC NET AS PHONE-HOLDER**

Code	Dimensions mm	Color
4912	126 x 98	WHITE



**RECTANGULAR ELASTIC NET AS OBJECT-HOLDER**

Code	Dimensions mm	Color
4913	180 x 365	WHITE



**ELASTIC NET TO CARRY VARIOUS OBJECTS**

Net manufactured in string of unalterable synthetic material. Supplied all around with a rubber cord and nylon hooks.

Code	Dimensions mm	Weight gr
4914-1	300 x 200	200
4914-2	400 x 200	250



**STORAGE CASE WITH NET**

Made of white UV plastic. Ideal for storing various items on board. They come with a special sticker for easy installation on inflatable and open boats.

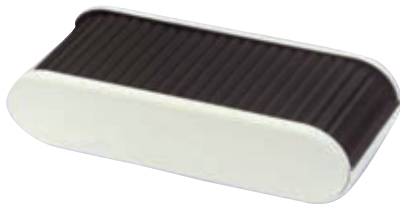
Code	Dimensions mm
4402 - 1	L 205 x W 120 x D 10
4402 - 2	L 205 x W 120 x D 32
4402 - 3	L 260 x W 115 x D 10
4402 - 4	L 260 x W 112 x D 32



**FLUSH FITTED CADDY WHITE**

For GPS and cell phone. Made of resistant plastic.

Code	Int. Dimens. mm	Height mm
4238	136 x 59	107



NEW

**OBJECT CASE WITH SHUTTER LOCKING**

Ideal for storing various objects. It is self-adhesive.

Code	Dimensions mm
4747	172 x 72 x 46



**OBJECT HOLDER**

Self-adhesive.

Code	Dimensions mm
4746	278 x 117 x 03

NEW



**FLUSH FITTED STORAGE CADDY WHITE**

Made of resistant plastic.

Code	Int. Dimen. mm	Height mm
4237	255 x 89	83



**FLUSH FITTED STORAGE CADDY WHITE**

Made of resistant plastic.

Code	Int. Dimen. mm	Height mm
4236	185 x 90	92



**POCKET ORGANIZER**

Suitable for storing GPS, sunglasses, safety gear etc.

Code	Int. Dimens. mm	Color
4386	L 254 x W 279 x H 51	WHITE



**NEW**

**ADJUSTABLE PLASTIC GLASS HOLDER**  
Self-adhesive. It is equipped with a button that adjusts the glass holder size so as to be suitable for various glasses or bottles.

Code	Dimensions mm
3235	Ø90 x 105 x 105



**DRINK HOLDER**  
Polished Stainless Steel.  
Horizontal mounting

Code	Dimens. mm	Height mm	Diam mm
4535 - 1	106 x 106	76	90



**PLASTIC DRINK HOLDER**  
For the secure placement of your beverage. Can be used with code 4385.

Code	Diameter mm	Length mm
4384	89	80



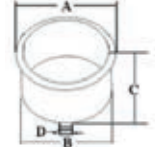
**ISOTHERMAL COVER**  
Keeps your beverage ice cold. Designed to keep the beverage (hot or cold) at the same temperature for a long time.

Code	Dimensions cm
4385	Ø 9 x H 10,5



**FOLDING DRINK HOLDER**  
White plastic with inox 304 cover.

Code	Dimensions mm
4659	L 93 x W 95 x H 92



**GLASS AND CAN HOLDER**  
Stainless Steel. For flush mounting with runoff.

Code	A mm	B mm	C mm	D mm
3260 - 3	109	95	83	6,3



**DRINK HOLDERS**  
Polished Stainless Steel. Vertical mounting.

Code	No off places	Dimens. mm	Height mm	Diam mm
4535 - 2	1	106 x 106	76	90
4535 - 3	2	216 x 106	76	90



**CUP HOLDER**  
Stainless Steel 316

Code	Diam. mm	Cups
4686 - 1	77	1
4686 - 2	77	2



3989-1  
3989-2

3989-3



**STICKY PAD**

Very helpful for keeping items in their place while the boat or other marine vehicle on the move. Suitable for keys, cell phones, ipad, mp3, dishes, glasses and many more objects.



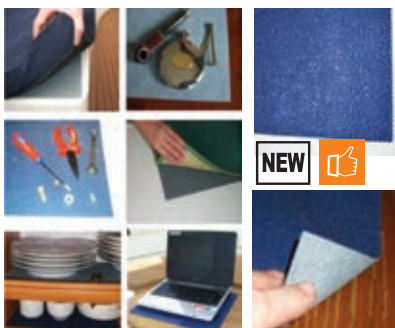
**PLASTIC DRINK HOLDER**  
Adjustable.

Code	Dimensions mm	Color
3536 - BL	99H x 140W x 22 Thickness	BLACK
3536 - WH		WHITE

Code	Description	Dimensions cm	Color
3989	Sticky pad	W28 x L40	WHITE
3989- 1	Sticky pad	H 14, 3 x L 9.3	BLACK
3989- 2	Sticky pad	H 14, 3 x L 9.4	CARBON
3989-3	Sticky pad	Ø8	WHITE

**MARINE ANTI SLIP MAT**

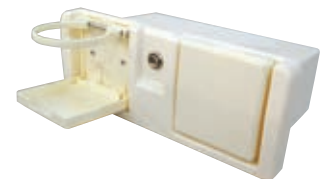
The very effective anti slip mat is made of natural rubber and it can be used on both sides. Every side has different color : blue on one side and grey on the other. It is ideal for the cupboards and cutlery trays. Perfect as underlay for your navigation desk and for your notebook on board. That's the easiest way to fix your cushions and carpets on deck. In addition it's very helpful during installation works and of course as table cloth. It is Extremely skidproof, very easy to cut and



**NEW**

Washable (40 °C).  
Not for prolonged outdoor use as it is not resistant to prolonged UV radiation.

Code	Type	Dimensions cm	Edge	Color
2170-BL	Roll to cut by meter	40 cm	straight	Blue/Grey
2171-1BL	Pad	20 x 30 cm	picot	Blue/Grey
2171-2BL	Pad	30 x 40	picot	Blue/Grey



**PLASTIC GLOVE BOX WITH ADJUSTABLE DRINK HOLDER**

Code	Dimensions mm
3802	345 x 135 x 190



3112-2 3112-1

**CAMERA CASE WATERPROOF**



Code	Dimensions mm	Color
3112-1	120 x 180 x 0,3	Transparent
3112-2	240 x 280 x 0,3	Transparent



**NEW**

**UNIVERSAL CELL PHONE HOLDER**

Mounting with suction pads, adjustable width.

Code	Dimensions mm
4748	105 x 60 x 53



**PLASTIC BAG DISPENSER (Pair)**

This unique plastic bag dispenser holds 10 m of tightly wound polyethylene film. It is very simple to use. Pull the plastic bag material from centre of dispenser, take the length you need, cut with built-in safety cutter and tie a knot on both ends. Absolutely waterproof, any length you wish and suitable for food storage.



Code	Total Length/ Piece m	Circumference cm
4406	10	61



**NEW**

**TRASH BAGGER**

Uses common trash bags. Can be mounted on any flat surface.

Code	Int. Dimens. mm	Color
4382	L 279 x W 152 x H 102	WHITE



**UNIVERSAL CELL PHONE/GPS HOLDER**  
Self-adhesive wall mounting.

Code	Dimensions mm
4749	73 x 63 x 48



**WATERPROOF CELL PHONE BAG**

Code	Dimensions mm
4738	150 x 85



**iPAD CASE WATERPROOF**

Code	Dimensions mm	Color
3119	210 x 290 x 0,4	White



**NEW**

**MIRROR**

It is made of ABS with zinc alloy bracket of white painting.

Code	Dimensions mm	Lens
813	254 x 101	Polycarbonate 400R



Code 1895-1  
**FLOATING KEY HOLDER**



Code 1895  
**FLOATING KEY HOLDER**



**NEW**

**Code 3553 WIND GAS LIGHTER**

Wind-proof, waterproof; rechargeable with standard refills, uses special technology, which keeps the flame alive under any weather condition; fitted with watertight cover and safety lock to prevent accidental opening.



**Code 4407 SELF INFLATING KEY RING**

The famous "Key Buoy" is the ultimate accessory for boaters. When the device is thrown into the water an orange air tube is released which is 36cm long and clearly visible. The inflated

tube draws the keys onto the surface of the sea in less than 1 minute and keep them floating for more than 1 hour. Suitable for single use only. Strong enough for all items up to 80gr. Avoid inhalation and contact with eyes and skin.



**NEW**

**SPECTACLE CASE**  
Mounting with suction pad.

Code	Dimensions mm
3236	165 x 57 x 130



**TWO IN ONE FAN AND HEATER**  
Fan and heater, both operations integrated in one device. Made of ABS.

Code	Volt	Watt	Dimensions mm	
<b>3287</b>	12	300	H160 x W110 x 140 Depth	Automatic Safety Limit Switch Adjust 180° Right to Left



**SWELTER**

Heating radiator with ceramic heater 300 W, 12 V

Code	Dimens. mm
<b>4617</b>	H 170mm x W 200mm x L 120mm

**CERAMIC HEATER**

Made of plastic. Instant defrost for windshield or dash-board or use as heater for small area. It can be adjusted 45° Up or Down, 90° Right to Left. 1,5 m power cord



Code	Volt	Watt	Dimensions mm
<b>1814</b>	12	150	L130 x W100 x H60



**SWELTER**

Thermic heat waves 120 Watt, 12 V.

Code	Dimens. mm
<b>4616</b>	L 190 x D 65 x H 80

**PORTABLE DEHUMIDIFIER 10 Lt**

Ideal for use in the boat. It regulates the level of humidity in the cabin and improves the atmosphere for the occupants. Operates with high-quality compressor and uses environmental-friendly refrigerant R134. It has a water level detector, automatic shutdown, permanent dehumidification function, 12 hours timer and two types of filters which can be washed. Quickly removes unpleasant odors and moisture while it is characterised by its quiet operation. It also has a submersible handle that allows easy transportation.



Code	<b>4723</b>
Working Space m <sup>2</sup>	15 - 30
Dehumidifying Capacity lt / day	10 (30°C/RH 80%) 6 (27°C/RH60%)
Power	210
Supply V / Hz	220-240/50
Noise Level db	40
Dimensions mm	150 x 315 x 470
Weight kg	11



**DEHUMIDIFIER**

Two different kind of refills are available, salts or tab. Dehumidifies up to 30 m<sup>3</sup>..

Code	Fragrance	Dimensions mm
<b>3179</b>	NEUTRAL	Ø Base: 12cm Ø Max: 15cm Height: 12cm



**SPARE SACHET**

Autoresolvable. Contains 450 gr. Of granulated absorbent. Environment-friendly and safe for the user. For dehumidifier code 3179.

Code	Fragrance
<b>3179 - 1</b>	NEUTRAL



**SPARE SACHET**

Autoresolvable. Contains tab-refill 450 gr. Environment-friendly and safe for the user. For dehumidifier code 3179.

Code	Fragrance
<b>3179 - 2</b>	NEUTRAL

**VACUUM CLEANER**

that can be transformed to multiple use pump



Code	Volt	Vacuum degree Pa	Noise	Psi
1700	12V	>1500Pa	<84dB	250psi



**Code 3289**  
**MARINE FAN** 12V-15W.  
 ( H 25 cm with base x W 20 cm )



**BAROMETER – SHIP WHEEL STYLE**  
 Made of wood.

Code	Dimensions mm
3788	Diameter 592 x D 103



**CLOCK, BAROMETER / THERMOMETER/ HYGROMETER**

Made of brass placed on a wood plaque. It can be mounted on the wall

Code	Dimensions mm
3787	H472 x W180 x Depth 63



**HYGROMETER**  
 Made of brass.

Code	Base diameter mm	Dial diameter mm	Depth mm
3781	120	75	55



**CLOCK & BAROMETER**

Made of brass placed on a wood plaque. It can be mounted on the wall .

Code	Dimensions mm
3783	H 240 x W 456 x Depth 90



**BAROMETER**  
 Made of brass.

Code	Base diameter mm	Dial diameter mm	Depth mm
3782	120	75	55



**Code 828-1**  
**ALKALINE BATTERY AA**



**STAINLESS STEEL ASHTRAY**

Ideal for external use-windproof.

Code	Dimensions mm
2940	Ø 106 x H 60



**Code 1804**  
**ILLUMINATED CHART MAGNIFIER**  
 Operates with 2x AA Battery (not Included)  
 Diameter 75mm



**DECORATIVE SHIP BELL**  
 Made of polished brass.

Code	Dimensions mm
3257 - 1	Ø 152 x H 100



**MULTIPURPOSE CLIP**

Made of durable plastic useful in hanging various objects (towel, gloves etc). The curved end can be adjusted to a fixed part of the boat and the clip at the other end holds the various objects. Set of 4 pieces.



Code	Height mm	Color
4683 - W	30	WHITE

**DINNERWARE & DRINKWARE FROM EVAL**

EVAL offers you a stylish and durable dinnerware to enjoy meals when onboard. The line includes dinner, soup and dessert plates, salad and cereal bowls, water, beer and wine glasses, cups and espresso cups and cutlery.

BOAT ACCESSORIES



**Code 4857-01  
DINNER PLATE**  
Ø 25,4 cm



**NEW**



**Code 4857-03  
SOUP PLATE**  
Ø 23 cm



**NEW**



**Code 4857-02  
DESSERT PLATE**  
Ø 20 cm



**NEW**



**Code 4857-04  
SALAD BOWL**  
Ø 18 cm



**NEW**



**Code 4857  
PLATES SET OF 20 PIECES**  
The following are included :  
4 dinner plates  
4 soup plates  
4 dessert plates  
4 mugs



**NEW**



**Code 4866-02  
CUTLERY SET OF  
24 PIECES**  
With plastic handle  
6 knives  
6 spoons  
6 forks  
6 tea spoons



**NEW**



**Code 4857-06  
ESPRESSO CUP**  
Ø of espresso cup 6,4cm  
Ø of espresso cup plate  
12,7cm

**NEW**



**Code 4857-05  
CUP** Ø 7,6 cm

**NEW**



**Code 4866-01  
CUTLERY SET 24 PCS**  
6 knives  
6 spoons  
6 forks  
6 tea spoons

**NEW**



**Code 4867-04  
GLASS OF  
CHAMPAGNE**  
Ø80mm, Height:  
185mm, 350ml

**NEW**



**Code 4867-1  
WATER GLASS**  
Ø70mm, Height:  
145mm, 360ml

**NEW**



**Code 4867-05  
GLASS FOR DRINK**  
Ø50mm, Height: 190mm,  
150ml

**NEW**



**Code 4867-2  
WINE GLASS**  
Ø70mm, Height:  
135mm, 200ml

**NEW**



**Code 4867-03  
WATER GLASS**  
Ø85mm, Height:  
95mm, 360ml

**NEW**







**NEW**

**FRENCH PRECAST CORK MARINE DECK FLOOR - SEACORK**

This precast marine deck floor is made of cork oak. The natural properties of cork such as lightness, durability, enormous endurance in extreme weather conditions, strength and flexibility are combined with the easiness in installation, make the SEACORK one of the top marine deck floors choices.

It is suitable for every type of deck when it is applied on top of the existing floor ( fiberglass , wood , metal ).

It is very soft and non -slippery even when wet. SEACORK marine floor is the safest floor option due to its superior quality that present high absorbcency of the vibration combined with the non -slip surface

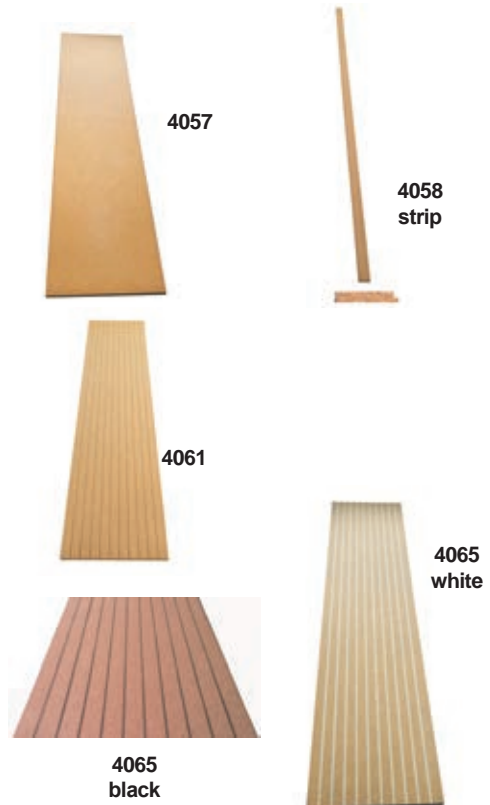
It is a natural insulator of heat caused by the sun's rays, as well as sound insulator as it reduces greatly the noises coming from the engine compartment of the boat. It is environmental friendly.

The properties of the cork floor make it practically impenetrable by all chemicals associated with naval use. Even when walking on it with heels, it is not damaged and recovers easily. The cork floor of SEACORK will last for lifelong without dents and stains

It needs no maintenance with special oils or special whitening cleaning products. It is simply washed with a common detergent as if washing the boat and its appearance will remain as brand new.



Code	Description	Dimensions Thickness x Length x Width Strip width x Groove Width mm
4057-1	(Virgin Plate)	6 x 2000 x 500
4057-2		8 x 2000 x 500
4058-1	(Strip)	6 x 2000 x 47
4058-2		8 x 2000 x 47
4061-1	(Grooved Plate)	6 x 2000 x 500 x 47 x 11
4061-2		8 x 2000 x 500 x 47 x 11
4065-1 WHITE BLACK	Grooved plank plate precaluked 3 different colors of the groove (black,white,grey)	6 x 2000 x 500 47 x 11
4065-1 GREY		8 x 2000 x 500 47 x 11
4065-2 WHITE		
4065-2 BLACK GREY		



**ADDITIONAL PRODUCTS FOR THE SEACORK DECK FLOOR**

Code	Description	Content
4026-Black	Caulking joint, superpower of advanced technology MS-Polymer	290 ml
4026-White		
4026-Grey		
4066	Polymer Glue of MS HY-BRID polymer technology for fitting the seacork floor on any surface.	600 ml
4067-0	Surface protection. Fluid for protecting the non-slippery surface of the seacork floor.	½ L
4067-1		1 L



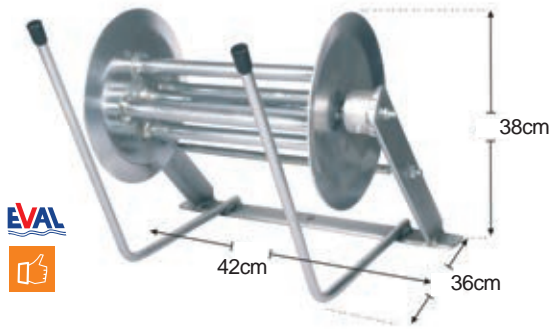
BOAT ACCESSORIES

# FISHING EQUIPMENT

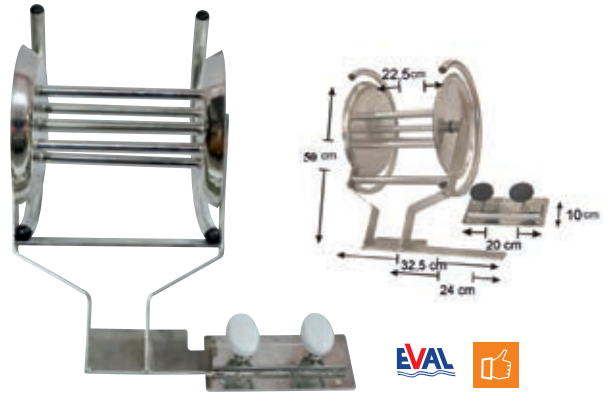
- Knives
- Bathyscope
- Rainsuits
- Boots
- Sub Buoys
- Light Buoys
- Gaffs
- Nets With Rim
- Net Spinning Wheels
- Rod Holders
- Fishing Buoys
- Fish Bags

104-115





**Code 1262**  
**SPINNING WHEEL FOR NETS GALVANISED**  
 Disk diameter Ø 26 cm.

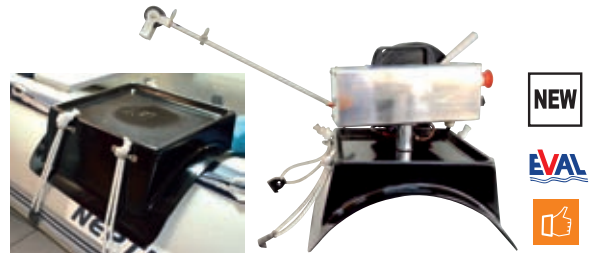


**Code1268**  
**SPINNING WHEEL FOR NETS STAINLESS STEEL**  
 Sliding type. Disk diameter Ø 22 cm. Weight 7 Kg.



**FISHING BASKET BASE**  
 Stainless steel. It can be combined with the stainless steel support base with code 3171. For code 1269

Code	Rim diameter cm	Tube Height cm
3630	48	30



**FISHING MOUNTING BASE FOR ROD AND ROD HOLDER**

The fishing mounting base is very convenient and is made of GRP. It can be fitted to almost every inflatable boat tube. It is used to hold the rod or the rod holder on the upper part of the base without necessarily the use of some kind of stainless steel patten. The sides of the base are equipped with elastic cords ending at a plastic hook in order to fasten it on the boat tube. It can be combined with code 3171. The elastic cords ending at a plastic hook are not included.

Code	Dimensions cm	Ø hole on the upper part cm
1413	L 40 x H 17,5 x Ø curve side 50	30x31



**Code 1269**  
**LIGHT TORCH BASE STAINLESS STEEL**  
 With rotating and sliding base for fishing lamp 1500-2000 CP.



**SOCKET FOR ROWLOCK STAINLESS STEEL AND FOR FISHING BASKET BASE CODE 3630**

Code	Dimensions cm	Diameter hole mm
3171	H 11 x L 10 x W 6	22,5



**Code 1269-1**  
**BASE FOR BASE TORCH INOX**  
 For code 1269.



**ROD FISHING / HOOK STORAGE RACK**  
 2 positions.

Code	Length cm
3987	29



**Code 3115**  
**ROD HOLDER**  
**STAINLESS STEEL**  
With adjustable base  
Ø 50 mm.



**Code 3117**  
**ROD HOLDER**  
**STAINLESS STEEL**  
For installation on rails  
of Ø 22-25 mm, Ø 50 mm.



**Code 1225**  
**ROD HOLDER**  
**STAINLESS STEEL**  
Vertical or horizontal mounting,  
with clamp for rail Ø  
22-25 mm, Ø 40 mm.



**SEAL RING**

Spare part seal ring suitable for the codes 3115 and 3117.

Code	Diameter mm
3115-1	50



**ROD HOLDER STAINLESS STEEL**  
Vertical or horizontal mounting with clamp  
for rail Ø 22 - 25 mm.

Code	Diameter mm	Height mm
1226	40	245



**ROD HOLDER**  
**STAINLESS STEEL**

Vertical or horizontal mounting, with clamp for  
rail Ø 22 mm.

Code	Diameter mm	Height mm	Weight gr
3118	40	228	560



**Code 3116**  
**ROD HOLDER**  
**STAINLESS STEEL**  
Flush deck mount with  
protective lid. Ø 40 mm.



**Code 4565**  
**ALUMINIUM ROD**  
**HOLDER**  
With white PVC  
cap, Ø 51 mm.



**Code 4564**  
**ROD HOLDER STAIN-**  
**LESS STEEL**  
For installation, vertical  
or horizontal, on rails and  
roll-bar Ø 30 mm.



**CODE 4687**  
**ADJUSTABLE ROD HOLDER OF ANODISED**  
**ALUMINIUM & DURABLE PLASTIC**  
Vertical or horizontal mounting and 360°adjustable  
angle according to height and width.



**ROD HOLDER**  
**PLASTIC EVAL**  
Flush deck mount with  
protective lid, Ø 40 mm.  
Available in three colours,  
white, black and chrome.

Code
4346 - Black
4346 - White
4346 - Chrome





**CODE 4689**  
**ADJUSTABLE ROD HOLDER OF ANODISED ALUMINIUM & DURABLE PLASTIC**  
 Adjustable angle according to height and width, with height extender and vertical or horizontal mounting.



3258



3265-3

**ROD HOLDER ADJUSTABLE**

Adjustable rod holder. It is made of corrosion proof heavy molded black plastic material. 360° degree rotation and 5-95° degree elevation, Ø 40mm.

Κωδικός	Τύπος
3258	Adjustable with fitting for side mounting.
3265-3	Adjustable with mount for rails. (22 mm-25 mm), Ø 40 mm.



**FISHING SENSOR (Bobble)**  
 It analyses the vibrations on the fishing line and it lights green when it turns on. It becomes red when it senses a fish bite. Works with a battery CR 1225 with 1000 hour life time that it can be changed. Visible from 90m with auto switch on/off. Water resistant with special mechanism that isolate the waving from 4 grade waves.

Code	Size	Width mm	Height mm
3639-3	Big	34.5	60
3639-4	Small	26.5	52.5



**Code 3258-1**  
**ROD HOLDER FITTING FOR DECK MOUNTING**  
 For code 3258



**Code 3258-2**  
**ROD HOLDER FITTING FOR RAIL MOUNTING**  
 For code 3258



**FISHING SENSOR (rod)**  
 Easy assembly on the tip of your rod with 3mm and 5mm thickness rods. It analyses the vibrations on the rod and it lights green when it turns on. It becomes red when it senses a fish bite. Works with a battery CR 1225 with 1000 hour life time that it can be changed. Visible from 90m with auto switch on/off. Water resistant with special mechanism that isolate the waving from 4 grade waves.

Code	Feat inside Diam. mm	Width mm	Height mm
3638-3	3	18	24
3638-5	5	18	26



**Code 1197**  
**BATHYSCOPE**  
 Divided in three plastic parts. Diameter 30cm, Height opened 40cm, Height closed 26cm.





**Code 1664**

**LED Cordless Rechargeable Black Light**

Compact, multipurpose light ideal for the night fisherman. Three switches allow individual control of the following light settings :

- 10 UV LED's produce a wide angle black light to illuminate line from bow to stern
- 5 red LED's provide task light for reading charts or rigging poles while preserving night vision
- 5 white LED's produce enough light to set up for the night or clean up after

Cordless design for complete portability and convenience, runs up to 8 hours on a single charge. Charge or operate using 12-volt cord, or 110-volt charger. Padded storage bag included. Four-color box.

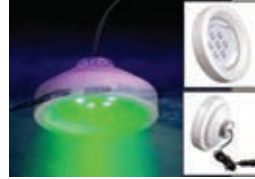
Dimensions: L 34cm x W 12cm x H 7,5cm



**Code 1665**

**WATERPROOF LED FLOATING FISHING LIGHT**

With low consumption seven green LEDs. The light penetrates water to attract night-feeding fish. Compact, light-weight design stows easily. Includes 3,6 m cord with fused 12-volt power plug and battery adaptor to extend cord and clip easily to battery. 12 Volt



**SUBMERSIBLE FISHING LIGHT 6 LED**

Featuring six low-consumption LED's, this submersible light provides light output comparable to fluorescent and halogen models of the same size. The fluted reflector multiplies the light of the LED's and reflects it in every angle to reach more fish. Powered by three AAA batteries (included), the light is completely portable, not tied down by a 12-volt cord; and operates up to 50 hours. Compact size (less than 10") allows for easy storage. Eyelet on endcap for weight allows light to be submersed at desired level.

Code	Height cm	Leds
1667	25	6

FISHING EQUIPMENT



**Code 3878**  
**CAMPING LIGHT RECHARGEABLE**

With fluorescent lamp and wireless remote control. It has rechargeable battery 6V/4AH and a AC-DC adaptor. Dimensions: Height: 27cm Base diameter: 13cm



**SOLAR CAMPING LANTERN WITH LED**  
Made of ABS. Suitable for camping and other outdoor activities. Available with AC/DC adapter and car plug.

Code	Led	Battery	Solar panel
3226	15 Led	3,6V / 1500mAh NI-MH	6V / 120 mA



**Code 3164**  
**HEAD LAMP WITH 3 LEDs**

With regulator of light power level and adjustable straps. It has 2 white LED 3V/0,05A and 1 red LED 3V/0,025A. It operates with 3 x AAA batteries. Water resistant.

**UNDERWATER ROBOTIC CAMERA WITH STAINLESS STEEL GRABBING TOOL**

CE certified, ideal for fishing, finding and picking up objects, underwater exploration and many more.

The device consists of :

- HD Sony/Sharp Camera resolution- 520 TVL /420 TVL
- LCD High Definition color screen 7 inch protected with tempered glass
- Monitor menu multi language selection
- 3sets of control switch. Power on/off, Camera light/gripper arm movement control.
- Camera and gripper control model test to 1.0mpa or pressure rating up to a depth of 100mtr
- Battery: rechargeable 24volt x 4.5AH. Battery charger accepts 120v, up to 8hrs of continuous use
- Stainless steel grabbing tool
- Marine underwater cable with lifting weight capacity up to 80-100kg
- Molded carrying case
- Depth of dive: 25-100m
- Total weight 10 Kgr



Code	Camera	Cable Length m
4649-25	1/4" Sharp CCD 420tvl	25
4682-30	1/3" SONY CCD 520tvl	30
4682-50	1/3" SONY CCD 520tvl	50

**MARKER FLOAT WITH HOLE**

Suitable for fences or run enclosures; available colours: white, orange or yellow.

Code	External Diameter mm	Internal Diameter mm	Height mm	Color
<b>757-W</b>				White
<b>757-Y</b>	75	13	55	Yellow
<b>757-O</b>				Orange
<b>758-W</b>				White
<b>758-Y</b>	170	20	145	Yellow
<b>758-O</b>				Orange
<b>759-W</b>				White
<b>759-Y</b>	260	30	190	Yellow
<b>759-O</b>				Orange



**NEW**

**RIGID MARKER BUOYS – BICONICAL**

Rigid biconical buoys made of polyethylene. They are specially designed for marking and mooring. They are molded in just one piece with uniform wall thickness, smooth surface and durable ropeholds.

Code	Diameter cm	Height cm	Buoyancy kg	Color
<b>755-Orange</b>				Orange
<b>755-Yellow</b>	52	107	61	Yellow



**NEW**

**GALVANIZED STEEL ROD MOORING BUOY**

Rigid plastic skin with a Urethane foam core double cone Galvanized Steel rod mooring buoys.

Code	Diameter cm	Height cm	Buoyancy kg	Color
<b>917</b>	52	103	58	red



**INFLATED MULTI-PURPOSE POLYFORM BUOYS**

Used by fishermen all over the world, multi purpose buoys are manufactured with a central flexible tube that is reinforced around the openings. Rotomoulded in one piece, with no seams to rupture, the material is resistant to all weather conditions.



Code	Gross Buoyancy Kg	Maximum Load Kg	Height mm	Diameter mm	Hose mm	Weight Kg
<b>4305-1</b>	29,0	17,5	430	385	48	2,6
<b>4305-2</b>	55,0	33,0	500	450	48	3,9
<b>4305-3</b>	100,0	60,0	590	540	48	5,3



**PEAR SHAPED BUOYS**  
Plastic, suitable for signaling in docking and fishing.

Code	Diameter cm	Length cm	Weight gr
<b>3176 - Orange</b>	20,3	37,7	270
<b>3176 - Yellow</b>			
<b>765 - Orange</b>	25	42	470
<b>765 - Yellow</b>			



762



763



764

**REINFORCED BUOYS**  
Plastic, with two handles, suitable for signaling in fishing.

Code	Diameter cm	Length cm	Weight gr
<b>762 - Orange</b>	27	47	770
<b>762 - Yellow</b>			
<b>763 - Orange</b>	20	37	445
<b>763 - Yellow</b>			
<b>764 - Orange</b>	13	31	150
<b>764 - Yellow</b>			



**BICONICAL BUOY**  
Plastic, made of blow pressed polyethylene with galvanized center shaft. With polyurethan foam.

Code	Diameter cm	Length cm	Weight gr
<b>761 - Orange</b>	32	70	2400



**BICONICAL BUOYS**  
Plastic, made of blow pressed polyethylene with plastic handle.

Code	Diameter cm	Length cm	Weight gr
<b>760 - Orange</b>	32	70	1100
<b>760 - Yellow</b>			



**ROUND BUOYS**  
Plastic, suitable for signaling in fishing

Code	Diameter cm	Length cm	Weight gr
<b>766 - Orange</b>	15	20	115
<b>766 - Yellow</b>			



1201-1

1201-2

1201-3

1201-5

1201-6

**FISHING LIGHTS**  
Used to indicate and protect the nets during the night by boats passing through the area. In advance you may use these lights in order to locate easily the spot of your nets. Available with spare glass.

Code	Type	Batteries	mA	Volts	Duration in hours	Visual distance m	Color	Spare circuit - lamp	Spare glass
<b>1201-1</b>	LED with photocell	2 D	30	3	700 per battery set	2.000	WHITE	KY-1201-1	
<b>1201-2</b>	LED with photocell	1 D	30	1.5	500 per battery	1.500	WHITE	KY-1201-2	
<b>1201-3</b>	Flash LED with photocell	2 D	20	3	700 per battery set	1.500	RED		ΓΥ1201-3
<b>1201-5</b>	LED with photocell	2 D	30	3	700 per battery set	1.500	RED	KY-1201-5	
<b>1201-6</b>	Flash LED with photocell	2 D	20	3	700 per battery set	2.000	WHITE		ΓΥ1201-6



Diver's safety is considered top priority when diving. Taking into consideration that in Greek seas there are plenty of ships and yachts sailing around, as well as jet skis, safety equipment is absolutely necessary for the diver.



**Code 1199**  
**ROUNDED SUB BUOY**  
Rounded Sub Buoy with flag and 20 m rope. It has extra fabric for its protection and plastic rings underneath. (H 55 cm, Ø 33 cm)



**Code 1198**  
**SUB BUOY**  
Big size (H 55 cm, Ø 40 cm).



**Code 1195**  
**SUB BUOY**  
Small size (H 50 cm, Ø 32 cm).



**Code 1231**  
**SUB BUOY**  
Oblong Sub Buoy with flag and 20 m rope. It has extra cloth for further protection. (H 40 cm, L 80 cm)



**Code 1196**  
**SUB BUOY**  
Oblong (H 50 cm, L 85 cm).



**Code 1190**  
**NET FISH BAG**  
(H 53 cm - L 38 cm)



**Code 1191**  
**DOUBLE SUB FISH BAG**  
(H 32 cm - L 42 cm)



**Code 1192**  
**SINGLE SUB FISH BAG**  
(H 28 cm - L 40 cm)



**TELESCOPIC ALUMINIUM NET WITH FOLDING STAINLESS STEEL RIM**

Code	Length closed cm	Length open cm	Rim Ø / cm
3558	137	270	50



**TELESCOPIC ALUMINIUM NET WITH STAINLESS STEEL RIMS**

Code	Length closed cm	Length open cm	Rim Ø / cm
3668	153	240	50
3668-1	103	138	

► **Code 3549**

Also available the spare net for codes 3668, 3668-1.



**TELESCOPIC ALUMINIUM NET WITH FOLDING GALVANIZED RIM**

Code	Length closed cm	Length open cm	Rim Ø / cm
3559	110	210	45 x 45



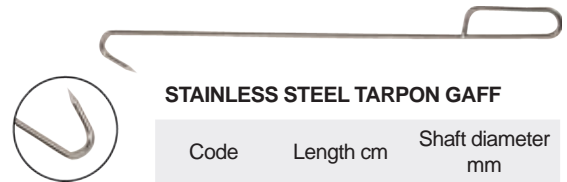
**TELESCOPIC METALLIC NET WITH PLASTIC COVER AND TELESCOPIC GALVANIZED RIM**

Code	Length closed / opened cm	Rim Ø / cm
3557	100/200	45



**TELESCOPIC ALUMINIUM HARPOON**

Code	Length cm	Tube diameter mm
730	200/105	30/25



**STAINLESS STEEL TARPON GAFF**

Code	Length cm	Shaft diameter mm
1241	L 52	6



**TELESCOPIC GAFF**

With aluminium pipe and stainless steel hook.

Code	Length cm	Tube diameter mm
1240	L 80 / 112	30 / 25



**TELESCOPIC FISHING GAFF**

With aluminium tube and stainless steel hook.

Code	Length cm	Tube diameter mm
725-1	133/250	30

EVAL toolboxes are equipped with all the tools needed on a boat when repairing a damage. The tools are chromed highly resistant to rust. The rigid cases are made of strong hard plastic material.



**Code 4671**

**MARINE TOOL CASE**

Marine tool case made of strong plastic with full 65 set of chrome plated tools. L 40 cm x W 30 cm x H 7 cm



**Code 1815**

**FULLY EQUIPED TOOLBOX**

Toolbox consisted of 101 tools in a very durable case. L 45 cm x W 34 cm x H 6,5 cm



Code	Description	Full length cm	Blade	
			Length cm	Thickness mm
4069	Diving Knife INOX	23	14	4.8
4070	Diving Knife INOX	23	11.4	4
4071	Diving Knife INOX	23	14	4.8
4072	Knife INOX	25.5	12	3
4073	Knife INOX	21.5	11.4	4
4074	Knife INOX with 3 blades	20.5	8.5	2.5
4076	Knife for fish cleaning Inox	30.5	17.8	1.5
4077	Knife for fish cleaning Inox	28	15.8	1.2
4081	Diving Knife INOX	28	15.2	4
4082	Knife INOX with 4 removable blades	21.5	9.5	2.5
4083	Knife INOX	25.4	10.8	2

Practical and functional knives have been designed for those who want highly professional tools, easy to use and with an innovative design. Made of stainless steel blade and handle of polypropylene, they are available in several color combinations with sheath and straps.



Code	Description	Length cm	
		Open	Closed
4075	Multiple function tool INOX	16	14



**Code 4080**  
**MULTIPLE FUNCTION INOX TOOL**  
Multifunction tool with 8 different fittings (knives, bottles opener etc.)



**NEW**

**MULTI KEY**

Stainless Steel multiple wrench + shackle opener + bottle opener

Code	A mm	B mm	C mm
1256	5	2,5	100

**FLOATING STAINLESS STEEL KNIFE WITH PLASTIC HANDLE**  
Suitable for liferaft equipment

Code	Total length mm	Blade length mm
4906	116,5	65



**Code 3679**

**URCHIN CUTTER STAINLESS STEEL**  
With spring and safety lock for better storage.  
Dimensions: Height: 29 cm Width: 7,5cm

**Code 3653**  
**URCHIN CUTTER STAINLESS STEEL**  
Dimensions: Height: 24cm Width: 10cm





2507



2508

NEW



2509



2510

**RAIN JACKET POPULAR VIKING**

Hood with draw cord. Button closing double storm flap in front. Wind cuffs at sleeves and hidden press studs. Strong quality. Double welded seams in critical areas. Waterproof. It is made of the following fabric : 91% PVC / 9% PES 340g/m2 . According to the EN Standards.

Code	Size	Color
2507-M	Medium (M)	Orange
2507-L	Large (L)	
2507-XL	Extra large (XL)	
2507-XXL	Extra Extra Large (XXL)	Green
2508-M	Medium (M)	
2508-L	Large (L)	
2508-XL	Extra large (XL)	
2508-XXL	Extra Extra Large (XXL)	

**BIB TROUSERS POPULAR VIKING**

Braces and clasps. Bib and braces. Adjustable waist band with buttons. Double welded seams in critical areas, waterproof. It is made of the following fabric : 91% PVC / 9% PES 340g/m2 . According to the EN Standards.

Code	Size	Color
2509-M	Medium (M)	Orange
2509-L	Large (L)	
2509-XL	Extra large (XL)	
2509-XXL	Extra Extra Large (XXL)	Green
2510-M	Medium (M)	
2510-L	Large (L)	
2510-XL	Extra large (XL)	
2510-XXL	Extra Extra Large (XXL)	

FISHING EQUIPMENT



2513



2514

NEW



2511



2512

**BIB TROUSERS BUDGET VIKING**

Bib and braces with FIXLOCK clasps. Adjustable waist band with buttons. There are double welded seams in critical areas. Waterproof. It is made of the following fabric : 91% PVC / 9% PES, 500g/m2 . According to the EN Standards.

Code	Size	Color
2513-M	Medium (M)	Orange
2513-L	Large (L)	
2513-XL	Extra large (XL)	
2513-XXL	Extra Extra Large (XXL)	Green
2514-M	Medium (M)	
2514-L	Large (L)	
2514-XL	Extra large (XL)	
2514-XXL	Extra Extra Large (XXL)	

**RAIN JACKET BUDGET VIKING**

Hood with draw cord. Double storm flap in front with wind cuff, zipper and velcro. Storm cuffs on sleeves. Strong quality. Double welded seams in critical areas. Waterproof. It is made of the following fabric : 91% PVC / 9% PES, 500g/m2 . According to the EN Standards.

Code	Size	Color
2511-M	Medium (M)	Orange
2511-L	Large (L)	
2511-XL	Extra large (XL)	
2511-XXL	Extra Extra Large (XXL)	Green
2512-M	Medium (M)	
2512-L	Large (L)	
2512-XL	Extra large (XL)	
2512-XXL	Extra Extra Large (XXL)	



**RAINPANTS WITH INCORPORATED BOOTS**

Spacious chest waders with inner pocket at the chest and adjustable elastic suspenders. Ideal for working in the water for many hours. Made of PVC/Polyester knitted fabric 340 gr/m2. Available Service kit including special glue, pieces of fabric and instructions of use.

Code	Shoe size No.
1706-39	39
1706-40	40
1706-41	41
1706-42	42
1706-43	43
1706-44	44
1706-45	45
1706-46	46



NEW



**PVC BOOTS**

PVC boots of excellent quality and durability. They have profile soles of beige color with PVC reinforcement at the bottom part. Available in green color.

Code	Boots No.
2521-35	35
2521-36	36
2521-37	37
2521-38	38
2521-39	39
2521-40	40
2521-41	41
2521-42	42
2521-43	43
2521-44	44
2521-45	45
2521-46	46
2521-47	47



**OVERALL YELLOW**

Made of PVC, with full front flapped zipper and inner hand cuffs for better protection by water. In set, jacket and trousers, yellow, available in two sizes

Code	Size
505-4	XL
505-5	XXL
505-6	XXXL



NEW



**SAILING BOOTS**

Durable sailing boots made of rubber. They are specially designed with lined upper part and drawstring at the top. They feature reinforced heel and toes part. The boots soles are anti-slip. Available In blue color.

Code	Boots No.
2522-36	36
2522-37	37
2522-38	38
2522-39	39
2522-40	40
2522-41	41
2522-42	42
2522-43	43
2522-44	44
2522-45	45
2522-46	46

# DOCKING AND ANCHORING EQUIPMENT

Electric Windlasses  
Anchors  
Bow Rollers  
Chains  
Ropes  
Mooring Springs  
Blocks  
Turnbuckles  
Thimbles  
Shackles-Snaphooks-Swivels  
Rings & Eye Plates  
Fenders  
Inflatable Rollers  
Fender Covers

116-154





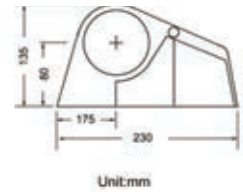
**3**  
YEARS  
GUARANTEE

#### HORIZONTAL WINDLASS BREEZE

Specially designed for smaller size boats with compact one-piece housing that ensures water resistance. A torque limiter delivers smoother operation while a heat radiating system prevents motor overheating. Easy operating and easy to install. The Gypsy runs both rope and chain.

Available with control unit for drop speed chain or free fall, circuit breaker, hardwares and manual.

Available spare plastic gypsy code 1861-1 and spare stainless steel gypsy code 1861-5



Code	Volt	Watt	Maximum working load	Max Power Pull	Chain	Rope	Drop Speed chain	Weight	Suits boat sizes
1861	12 V	300 W	20 kg	120 kg	6 mm	12 mm	17 m/min.	4.3 kg	4.5 - 6m

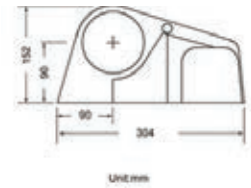


**3**  
YEARS  
GUARANTEE

#### HORIZONTAL WINDLASS PRO800

Specially designed with compact one-piece housing that ensures water resistance. A torque limiter delivers smoother operation. Easy operating and easy to install. The stainless steel Gypsy runs both rope and chain while a heat radiating system prevents motor overheating. Available with control unit for drop speed chain or free fall, circuit breaker, hardwares and manual.

Available spare metal gypsy code 1861-5 and 1861-8



Code	Volt	Watt	Maximum working load	Max Power Pull	Chain	Rope	Drop Speed chain	Weight	Suits boat sizes
1862	12 V	600 W	40 kg	275 kg	6 mm	12 mm	19 m/min.	8.2kg	6m - 9m



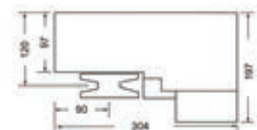
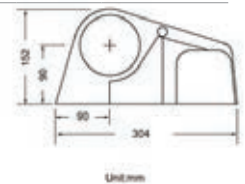
**3**  
YEARS  
GUARANTEE

#### HORIZONTAL WINDLASS PRO900M

The PRO 900 series is a perfect for boats between 8.4m - 13.5m

Specially designed with compact one-piece housing that ensures water resistance. A torque limiter delivers smoother operation. Easy operating and easy to install. The stainless steel Gypsy runs both rope and chain while a heat radiating system prevents motor overheating. Available with solenoid up/down switch, circuit breaker, hardwares and manual.

Available spare metal gypsy code 1861-8



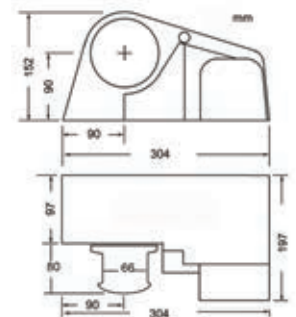
Code	Volt	Watt	Maximum working load	Max Power Pull	Chain	Rope	Drop Speed chain	Weight	Suits boat sizes
1863	12 V	1100 W	72 kg	500 kg	8 mm	14 mm	19 m/min.	9.2kg	8.4m -13.5m



**3**  
YEARS  
GUARANTEE

#### HORIZONTAL WINDLASS

The windlass base is made of aluminum alloy with special powder coated and high-efficiency heavy duty motor and gear box. This electric-operated capstan provides excellent drag force and long life performance. It can be combined with circuit breaker code 4656 and foot switch code 4316.



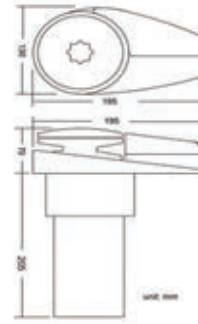
Code.	Volt	Watt	Maximum working load	Max Power Pull	Rope	Drop Speed	Weight
1909	12 V	350 W	45 kg	275 Kg	6-14mm	20 m/min.	7,5



**3**  
YEARS  
GUARANTEE

**VERTICAL WINDLASS PRO VN600**

Made of nylon and fiberglass, run both rope and chain. A torque limiter delivers smoother operation while a heat radiating system prevents motor overheating. Extremely durable and easy to install. Available with control unit, circuit breaker, manual handle bar, hardwares and manual. Available spare metal gypsy with code 1861-5.



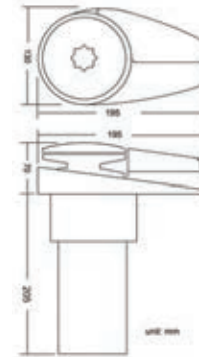
Code	Volt	Watt	Maximum working load	Max Power Pull	Chain	Drop Speed chain	Weight	Suits boat sizes
4655	12 V	600 W	45 kg	275 kg	6 mm	22 m/min.	5kg	5.4 - 8.4m



**3**  
YEARS  
GUARANTEE

**VERTICAL WINDLASS PRO VA1000**

Made of aluminum alloy with powder coated, run both rope and chain. A torque limiter delivers smoother operation. Extremely durable and easy to install. Available with control unit, solenoid circuit breaker, manual handle bar, hardwares and manual. Available spare gypsy with codes 1861-5 and 4654-1.



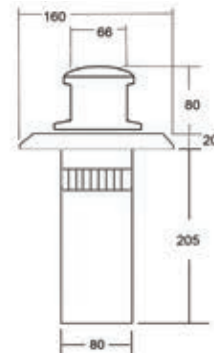
Code	Volt	Watt	Maximum working load	Max Power Pull	Chain	Drop Speed chain	Weight	Suits boat sizes
4654	12 V	1100 W	72 kg	450 kg	6mm/8mm	20 m/min.	6,8kg	8,4 - 12,6m



**3**  
YEARS  
GUARANTEE

**VERTICAL WINDLASS**

The windlass base is made of stainless steel, and high-efficiency heavy duty motor and gear box. This electric-operated capstan provides excellent drag force and long life performance. The streamline look is very convenient as the metal gearbox, heavy duty DC motor and base have been designed as one, making the installation simple. It can be combined with circuit breaker code 4656 and foot switch code 4316.



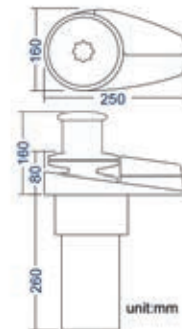
Code.	Volt	Watt	Maximum working load	Max Power Pull	Rope	Drop Speed	Weight
1908	12 V	350 W	45 kg	275 Kg	6-14mm	20 m/min.	6 Kg



**3**  
YEARS  
GUARANTEE

**VERTICAL WINDLASS**

Vertical windlass with all parts above deck made of polished 316 stainless steel including the base, chain tunnel cover, gypsy and capstan. The gearbox, heavy duty DC motor and base have been designed into one, with no separate parts for easy installation. Capstan and Gypsy are able to be operated separately. Available with solenoid, up/down switch, circuit breaker, screws and installation manual








Code of spare gypsy	Ø Chain mm	Ø Rope mm
4648-2	8mm DIN766	12-14
4648-3	10 mm DIN766	14-16

Kwδ.	Volt	Watt	Max Working Load	Typical Working Load	Chain	Rope	Retrieval Speed	Weight	Boat	Type
4648	12/24V	1500 W	680 kg	120 kg	8 mm	12-14mm	18 m/min	16 kg	12-18m	With capstan
4648-1								18 kg		Without capstan



The procedure of throwing and retrieving the anchor is one of the most difficult ones during our time on board. Electrical windlasses "ANCHORWINDLASS" can make these procedures much easier. They are available in a big variety of types depending on their performance, size and type of chain and rope they can accept. They are also available in internal and external mounting type as well as their necessary equipment. Both of the types have guarantee.



	<b>BOAT LENGTH</b>	<b>5,5</b>	<b>6,5</b>	<b>8</b>	<b>9,5</b>	<b>10,5</b>	<b>12</b>	<b>16,5</b>	<b>20</b>
	<b>BOAT WEIGHT</b>	<b>1000</b>		<b>2000</b>		<b>3500</b>	<b>10000-25000</b>		
<b>MOTER (WATT)</b>									
<b>600</b>									
<b>900</b>									
<b>1000</b>									
<b>1200</b>									
<b>1500</b>									



1850  
1869  
Without capstan

**ELECTRIC WINDLASSES "BARRACUDA"**

Powerful and compact windlasses. Parts above deck in high polished stainless steel. Manual free fall with adjustable clutch. Available with handle, solenoid, user manual and mounting guide. Work with chain only or rope/chain combination. The motor can be mounted in all 4 directions.

Also available spare "gipsy" code 1853 for chain 7mm/ rope 12mm and code 1853 - 1 for chain only 6 mm.

Code	<b>1850</b>	<b>1869</b>
Volt	12V	12V
Watt	600 W	900 W
Maximum working load	150 kg	220 kg
Max Power Pull	450 kg	660 kg
Chain	6 mm	6 mm
Chain / Rope	7 mm / 12 mm	
Drop Speed chain	26 m / min	40 m / min
Weight	9 Kg	9 Kg
Suits boat sizes	6 - 10 m	8 - 11 m



1849  
1851  
With capstan

Also available spare "gipsy" code 1853 for chain 7mm/ rope 12mm and code 1853 - 1 for chain only 6 mm.

Code	<b>1849</b>	<b>1851</b>
Volt	12V	12V
Watt	600 W	900 W
Maximum working load	180 kg	220 kg
Max Power Pull	540 kg	660 kg
Chain	6 mm	6 mm
Drop Speed chain	26 m / min	40 m / min
Weight	10 Kg	10 Kg
Suits boat sizes	6 - 10 m	8 - 11 m

**ANCHORWINDLASS**



1872  
Without  
capstan

**ELECTRIC WINDLASSES “DOLPHIN”**

Low profile model. Powerful windlasses with a new compact motor. Manual free fall with adjustable clutch. Parts above deck in high polished stainless steel (1872, 1852-10) or aluminium (1931-1, 1932-1). Work with rope/chain combination. The motor can be mounted in all 4 directions.

Code	<b>1872</b>
Type	Stainless steel
Volt	12V
Watt	1000 W
Max Working Load	250 kg
Max Power Pull	750 kg
Chain	8 mm
Chain / Rope	14 mm
Chain Speed	40 m / min
Weight	20 Kg
Boat	9 - 14 m

DOCKING AND ANCHORING EQUIPMENT



1932 - 1  
With capstan

Code	<b>1932-1</b>
Type	Aluminium
Volt	12V
Watt	1000 W
Max Working Load	250 kg
Max Power Pull	750 kg
Chain	8 mm
Chain / Rope	14 mm
Chain Speed	40 m / min
Weight	21 Kg
Boat	9 - 14 m



Code	<b>1883</b>	<b>1852-15</b>
Volt	12V	12V
Watt	1200 W	1500 W
Max Working Load	400 kg	485 kg
Max Power Pull	1100 kg	1200 kg
Chain / Rope	8 mm /14 mm	10 mm /16 mm
Chain Speed	40 m / min	40 m / min
Weight	27 Kg	27 Kg
Boat	11 - 17 m	12 - 18 m



1883  
1852 - 15  
With capstan

**ELECTRIC WINDLASSES “MAKO”**

Low profile model. Manual free fall with adjustable clutch. Parts above deck in high polished stainless steel. The motor can be mounted in all 4 directions.

Code	<b>1882</b>	<b>1889</b>
Volt	12V	12V
Watt	1200 W	1500 W
Max Working Load	400 kg	485 kg
Max Power Pull	1100 kg	1200 kg
Chain / Rope	8 mm /14 mm	10 mm /16 mm
Chain Speed	40 m / min	40 m / min
Weight	25 Kg	25 Kg
Boat	11 - 17 m	12 - 18 m

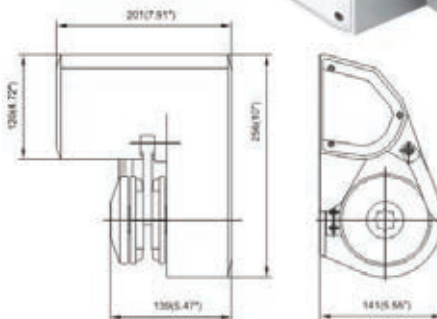


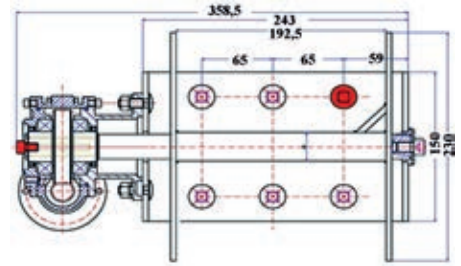
1882  
1889  
Without capstan

**STAINLESS STEEL ANCHOR WINDLASSES**

Powerful and compact all above deck windlasses. With housing made of high polished stainless steel 316. Suitable for boats with limited space underneath the deck. Easy to install.

Code	<b>4907</b>	<b>4908</b>
Volt	12 V	12 V
Watt	600 W	900 W
Max Working Load	180 Kg	250 Kg
Max Power Pull	540 Kg	750 Kg
Chain	6 mm	6 mm
Chain Drop Speed	35 m/min	35 m/min
Weight	13 Kg	13 Kg
Boat	6-9 m	8-12





**ELECTRICAL DRUM WINCH HEAVY DUTY FOR MULTIPLE USES**

Electrical drum winch heavy duty with powerful motor for every marine or fishing use (for pulling up the anchors, the nets etc). Available with stainless steel 316 drum both in simple or free fall type.

Code	Watt	Volt	Type	Max Line Speed m/min	Max Power Pull Kg	Max Working Load Kg	Weight kg	Rope mm
<b>1963</b>	900W	12V	Simple	30 m/min	250kg	70kg	12,7	10
<b>1963-1</b>			Free Fall				14	

DOCKING AND ANCHORING EQUIPMENT



**LOCK-IN WINCH HANDLE**  
Made of aluminum alloy.

Code	Length mm	Color
<b>2963</b>	254	Grey



**LOCK-IN FLOATING WINCH HANDLE**  
Made of light but strong plastic.

Code	Length mm
<b>2962</b>	254



**FLOATING WINCH HANDLE WITH LOCKING**

Fitted with "Lock In" winch system, universal size for any winch, handle grip on ball bearing, made of nylon (fiberglass), ensure the same strength as steel handles

Code	Length mm
<b>2966</b>	250



**SPEEDGRIP BALL BEARING WINCH HANDLE**  
Made of aluminum, with plastic handle

Code	Length mm
<b>2965</b>	254



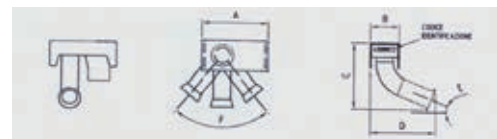
**WINCH HANDLE**  
Made of aluminum, with safety lock. Black.

Code	Length mm
<b>2964</b>	280



**ANCHOR CHAIN ALLOCATOR**

The easy chain system is a motorized oscillating tube in which the chain runs. The system automatically activates whenever the anchor windlass is set in motion, it starts oscillating placing the chain in the lower and wider part of the peak. While lowering, the pipe will automatically set in central position. It is easy to be fit. The product is installed on the double sided system support plates which are already made out according to the type of peak. It can work together with all kinds of electric windlasses and can be placed in any boat. After installation it collects and distributes the chain properly avoiding tangles and jams during anchor descent.



Code	Dimensions mm					
	A	B	C	D	E	F
4576	200	100	230	228	25°	60°
4576-1	325	120	350	340	23°	60°

Code	Watt	Volt	Current mA	Chain Diameter mm	Connection wires	Oscillating tube angle	Tube Diameter mm	Weight kg	Electrical Protection
<b>4576</b>	1300	12	250	6-10	2	40° up to 80°	54	2,3	IP 65
<b>4576-1</b>	1301	12	250	10-14	4	40° up to 80°	55	2,4	IP 66



**Code 2223**  
**INSTALLATION CABLES FOR WINDLASSES**  
 For all types. For windlass from 500 to 1500 Watt.  
 2 red cables 2 m, one red cable 0,4 m and one black cable 8 m.



**Code 2221**  
**WATERPROOF SWITCH PANEL "UP/DOWN"**



**WATERPROOF AUTOMATIC, THERMAL, CIRCUIT BREAKER**

Code	Volt	Watt Windlass	Amper
<b>2217 - 08</b>	12V	700 - 900	80
<b>2217 - 10</b>	12V	1000 - 1200	100
<b>2217 - 15</b>	12V	1200 - 1500	135



**RADIO CONTROL UNIT FOR ANCHOR WINCHES & GANGWAYS**  
 For operating it uses radio frequency and 2 available channels.

Code	Operating frequency	Number of channels
<b>3188</b>	433,92MHz	2



**BREAKER FOR OVERCHARGE PROTECTION OF THE WINDLASS**

The magneto-hydraulic breaker protects motor from overcharges and short circuit.

Code	Amps	Volt	Dimensions mm
<b>3197-1</b>	70		
<b>3197-2</b>	80	12/24	80 x 51
<b>3197-3</b>	100		



**Code 2210**  
**REMOTE CONTROL (RADIO RECEIVER-TRANSMITTER)**  
**"UP/DOWN/RIGHT/LEFT"**  
 Four Channels. Suitable for gangways



**Code 2211**  
**"UP/DOWN" FOOT SWITCH WITH A SAFETY COVER (Pair)**  
 Usually mounted on deck near the anchor windlass. 2 items  
 Blister package.



**REMOTE CONTROL UNIT FOR ANCHOR WINCHES AND GANGWAYS**

Anatomic shape with an ergonomic soft rubber side grip.

Code	Dimensions mm	Operation buttons
<b>3065-1</b>	H 145 x W 50	2
<b>3065-2</b>	x Thickness 22	3



**REGULAR AND REVERSE SOLENOID UNITS**

Suitable for windlasses from 300 to 1500 W - 12 V. Thanks to the external connections they are easy to install.

Code	Type	Volt	Watt
<b>2218 - 12</b>	Solenoid	12V	500 - 1500
<b>2219 - 12</b>	Reversed Solenoid	12V	500 - 1000

DOCKING AND ANCHORING EQUIPMENT



**WIRELESS DIGITAL CHAIN METER COUNTER AND REMOTE CONTROL UNIT**

Without cable ties, plug or panel, operating with rechargeable battery. The radio chain counter allows freedom of maneuvers and comfort during the anchorage operations. Available with rechargeable cable.

Code	Dimensions mm	Operating frequency
<b>3185</b>	H 145 x W 50 x Depth 22	868 Mhz



**Code 1861-7  
SPARE CIRCUIT BREAKER**

30A with waterproof cup. Suitable for the codes 1861, 1909 and 1908.



**Code 4505  
MAGNETIC SENSOR CHAIN COUNTER KIT**

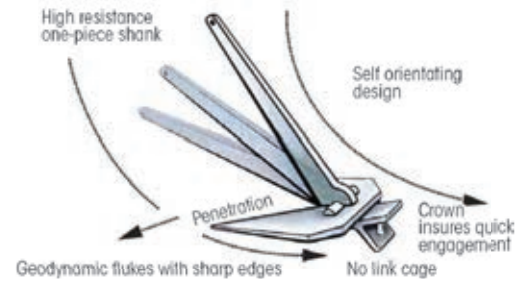
Necessary for the function of codes 4505-1, 4505-2, 4505-3. Ø 63 mm x H 63 mm

**DIGITAL CHAIN METER COUNTER**

Digital chain meter counter. Four different models to choose from.

Code	Dimensions mm	Volt	Description
<b>4505 - 1</b>	L 100 x W 100	12 / 24	Chain counter
<b>4505 - 2</b>	L 62 x W 52	12 / 24	Flush mounted chain counter
<b>4505 - 3</b>	L 100 x W 100	12 / 24	Chain counter with operating control for electric windlass ideal for flybridge applications
<b>3187</b>	L 100 x W 100		Digital radio chain counter with control unit. The receiver is easily mounted near magnetic sensor and the instrument is mounted on flybridge connecting only to the battery. Operating frequency 868 Mhz





### FLAT ANCHOR BRITANY

Made of high resistance galvanized steel (55 Kg of steel per sq. mm) Instant bring into the sea bed :

To prevent potential fouling, the Britany has no large crown. To avoid clogging by pebbles, the Britany has no link cage.

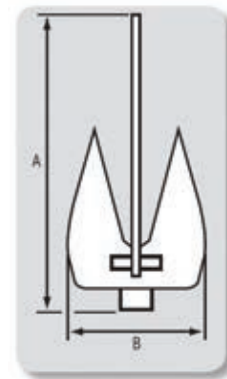
Thin flukes with sharp edges : to ensures quick digging even in the hardest sea beds.

Geodynamic flukes, ensuring easy burial and perfect holding.

High resistance shank, cast in one piece : gives perfect resistance even to a strong lateral pull.

Narrow crown, designed to lift the rear of the anchor, so that the flukes dig in immediately.

Code	Boat Length	Weight Kg	Dimensions mm	
			A	B
112-2	Dinghy, tender	2	406	185
112-3	Dinghy, small catamaran	3,5	497	219
112-6	5,50 m	6	547	270
112-8	6,50 m	8	646	312
112-10	7,50 m	10	732	347
112-12	9 m	12	786	347
112-14	10,50 m	14	788	368
112-16	12,50 m	16	841	368
112-20	16 m	20	910	414



### DELTA ZINC-PLATED STEEL ANCHORS

Its best features include the exceptional grip to grab into any type of seabed (including seaweed grounds), the quickness to re-grab the grip when the spinning boat tends to trip the anchor, the real ability to improve its grip when the wind increases. The tests carried out under various conditions confirm that the Delta anchor has the best grip/weight rate.

Code	Length mm	Width mm	Weight Kg	Boat Length m
192-06	593	265	6	<8
192-10	695	310	10	<10
192-16	812	362	16	<13,5
192-20	877	392	20	<15





**DELTA ANCHOR**  
Hot galvanized steel.

Code	Weight Kg
109-05	5
109-07	7,5
109-10	10
109-15	15
109-20	20
109-30	30



**DELTA ANCHOR**  
Stainless steel.

Code	Weight Kg
110-06	6
110-08	8
110-10	10
110-15	15
110-20	20
110-30	30



**ANCHOR BRUCE TYPE**  
Stainless steel.

Code	Kg
103-02	2,5
103-03	3,5
103-05	5
103-07	7,5
103-10	10



**ANCHOR BRUCE TYPE**  
Hot galvanized steel.

Code	Kg
101-02	2
101-03	3
101-05	5
101-07	7,5
101-10	10
101-15	15
101-20	20



**ANCHOR DANFORTH TYPE**  
Hot galvanized steel.

Code	Kg
134-04	4
134-06	6
134-08	8



**ANCHOR G.B TYPE**  
Hot galvanized steel.

Code	Kg
124-03	3
124-06	6
124-08	8
124-10	10
124-12	12



**ADMIRAL NAUTICAL TYPE**  
Hot galvanized steel.

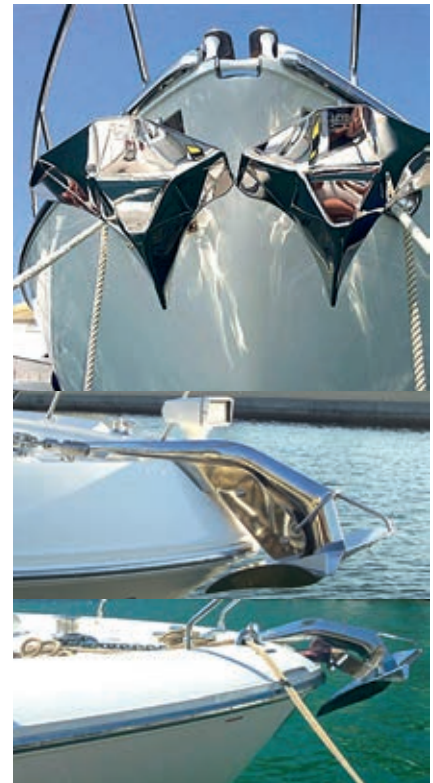
Code	Kg
143-03	3
143-04	4
143-06	6
143-08	8
143-10	10



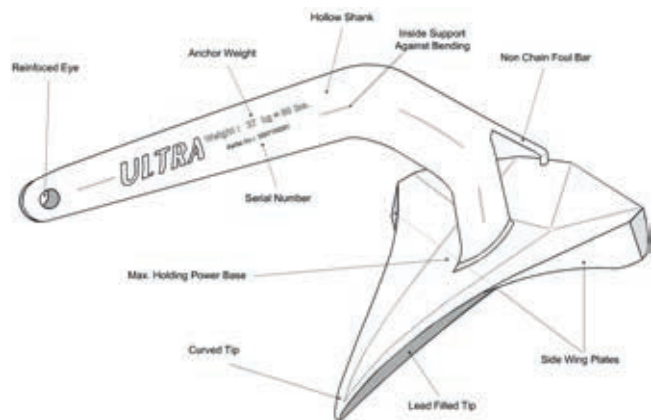
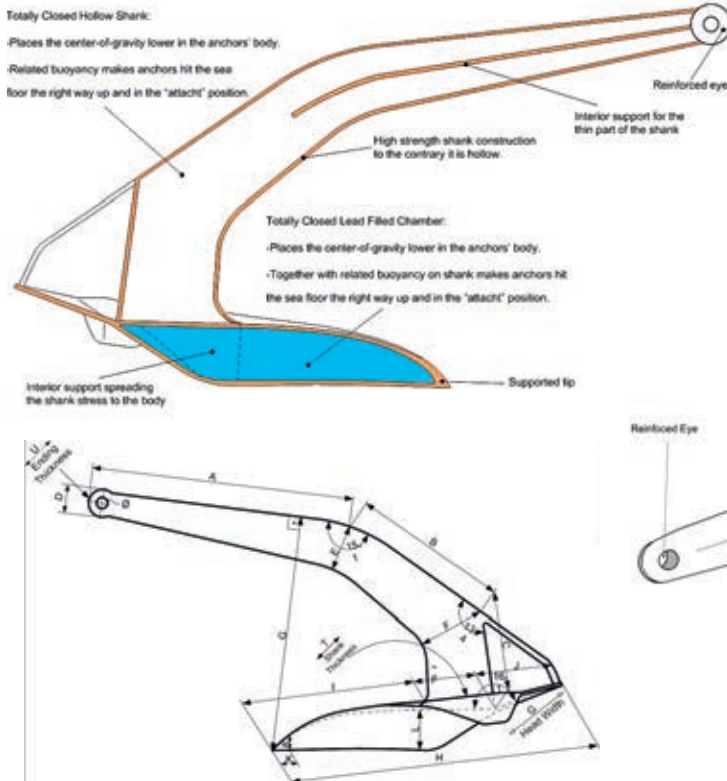
**ANCHORS ULTRA STAINLESS STEEL**

Anchors ULTRA are completely hand-made of 316 stainless steel and hand polished, designed for excellence. If inverted it will instantly recover itself to the attack position. Such performance has been achieved with the innovative patented features this anchor displays; including a curved lead filled tip for instant penetration, a hollow shank for optimal weight distribution, concaved base surfaces for maximum holding power and large side wing plates to avoid release during changing wind or tide conditions. Furthermore, each anchor is easily recoverable with the flat pivot surface on the underside base.

The Anchor ULTRA is suitable for all vessel types and locates securely onto the bow roller. Sourcing Europe's finest materials and fabricated by specialist engineers, the Anchor ULTRA is supplied with a LIFETIME WARRANTY against manufacturing defects under normal conditions and use. Certified by ABS.



**ULTRAnchor CROSS SECTION – INTERIOR DETAILS:**



Code of Anchor	113-5	113-8	113-12	113-16	113-21	113-27	113-35	113-45
Weight Kg	5 Kg	8 Kg	12 Kg	16 Kg	21 Kg	27 Kg	35 Kg	45 Kg
<b>Dimensions mm</b>								
<b>A</b>	293,3	343	392,6	432,2	473,2	514,5	561	610
<b>B</b>	165,4	193,5	221,4	243,7	266,9	290,2	316	344
<b>C</b>	109,5	128,1	146,6	161,4	176,7	192,1	210	227,8
<b>D</b>	30	32	37	40	44	48	52	57
<b>Ø</b>	13	14	15	16	17	18	20	22
<b>E</b>	52,3	61,1	70	77	84,3	91,7	100	108,7
<b>F</b>	71,6	83,8	95,9	105,5	115,6	125,6	137	149
<b>G</b>	255,1	298,4	341,6	375,9	411,6	447,6	488	530,6
<b>H</b>	330,4	386,4	442,3	486,9	533	579,6	632	687,2
<b>I</b>	180,9	211,6	242,2	266,5	291,8	317,3	346	376,2
<b>J</b>	79,5	92,9	106,4	117,1	128,2	139,4	152	165,3
<b>K</b>	13,6	15,9	18,2	20	21,9	23,8	26	28,3
<b>L</b>	45,5	53,2	60,9	67	73,4	79,8	87	94,6

**ULTRA FLIP SWIVEL STAINLESS STEEL**

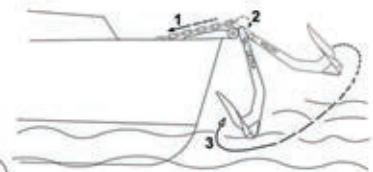
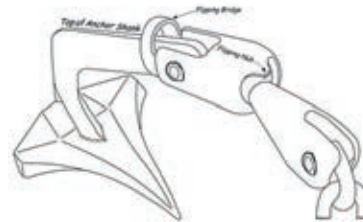
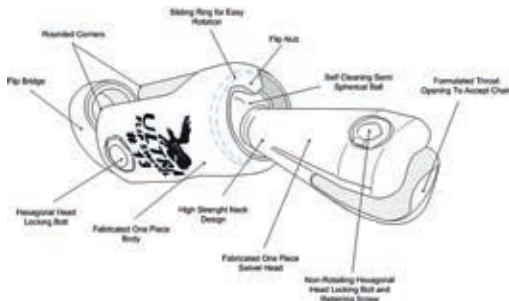
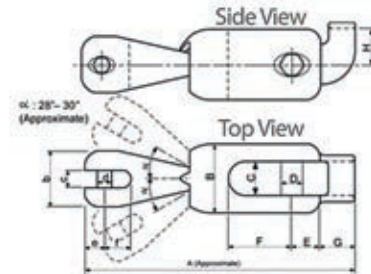
The ULTRA Flip Swivel is a uniquely fabricated anchor swivel, connecting the chain and the anchor without the need of additional shackles. Fabricated from 316 stainless steel and hand polished for stunning presentation on the bow, the ULTRA Flip Swivel is uniquely strong, slim line and does not require any locking pins or safety wires.

The breaking strength of the swivel is typically higher than the chain connected and allows 30 degree rotation with complete 360 degree swivel. The ULTRA Flip Swivel is fabricated with a unique flipping nub and rear bridge; assisting to recover the anchor right-way up onto the bow roller. Flipping nub, combined with the rear bridge and ULTRA Flip Swivel's rotation and complete 360 degree swivel ability, ensures setting and recovering your anchor is an easier and safer task. Hexagonal head locking bolts prevent the need for additional grub screws to secure the swivel pins, and every Ultra Flip Swivel has the breaking strength listed on the rear of its one piece body. Three year warranty.

- Spherical jointed to every direction.
- It is not casted therefore it is not fragile.
- Made of quality massive stainless steel 316 in one piece by processing.



**NEW**



Code	Chain Diameter mm	Length A mm	Anchor Part Dimensions B x C x D x E x F mm	Breaking Load Kg	Max Anchor Weight Kg
<b>241-08</b>	6-8	147,5	40 x 19 x 13 x 16 x 36,5	5.630	20
<b>241-10</b>	8-10	168	45 x 21 x 14,5 x 18 x 40	8.540	32

DOCKING AND ANCHORING EQUIPMENT

**ULTRA CHAIN GRAB STAINLESS STEEL**

The ULTRA Chain Grab, Rope and Snubber Kit is a unique design that allows it to be easily attached and unattached the loaded and stretched chain. Eliminate the stress of a loaded anchor chain on the windlass, and the creaking sound of an anchor chain on the bow roller. ULTRA Chain Grab eliminates these concerns by transferring chain pressure from the windlass to the mooring cleat. The ULTRA Chain Grab is made of 316L stainless steel. Its spherical head hooks onto the anchor chain, and stays attached as the anchor chain is lowered into the sea. By its special projected form, it can be easily attached and unattached from the loaded and stretched chain. It has a stroke absorbing rubber.

- Protects windlass from constant chain pull
- Easily attaches to a loaded anchor chain
- Constructed of 316L stainless steel – highly rust resistant



**NEW**

Code	Chain Diameter (Ø)	
	mm	inc
<b>242-08</b>	8	5/16"
<b>242-10</b>	10	3/8"

ANCHOR ULTRA SELECTION TABLE ACCORDING TO BOAT WEIGHT & LENGTH

Code	Anchor Weight Kg	Sail Boat		Power Boat		Catamaran			Recommended DIN 766 Chain Ø mm
		Boat Weight ton	Boat Length m	Boat Weight ton	Boat Length m	Sail Catamaran Weight ton	Power Catamaran Weight ton	Boat Length m	
<b>113-5</b>	5	1,2	6	1,6	5,5	0,8	1	6	5
<b>113-8</b>	8	2	7	2,7	6,4	1,1	1,4	7	6
<b>113-12</b>	12	3,6	8,6	4,8	8	2,4	3	8,6	6
<b>113-16</b>	16	7	11	9,3	10,4	4,7	6	11	6-8
<b>113-21</b>	21	12	12,8	16	13,1	8	10	12,8	8
<b>113-27</b>	27	18	14,5	24	15,8	12	15	14,5	8-10
<b>113-35</b>	35	26	16	35	18,6	17,3	22	16	10
<b>113-45</b>	45	37	17,8	50	23,2	24,7	31	17,8	10-12

**REEF ANCHOR GALVANIZED**

Code	Weight Kg	Number of prongs- Prong thickness mm
105-1	0,6	4 prongs - 6 mm
105-2	1,2	4 prongs - 8 mm
105-3	2	4 prongs - 10 mm
105-4	3,2	4 prongs - 12 mm
105-5	2,6	5 prongs - 10 mm
105-6	3,8	5 prongs - 12 mm

**FOLDING ANCHOR STAINLESS STEEL**

Code	Kg
108-1	1,5
108-2	2
108-3	3
108-4	4

**GRAPNEL ANCHOR**

Code	Kg
2324 - 01	1,5
2324 - 03	3
2324 - 04	4
2324 - 06	6
2324 - 08	8
2324 - 10	10
2324 - 12	12
2324 - 14	14
2324 - 16	16
2324 - 18	18
2324 - 20	20
2324 - 25	25
2324 - 30	30
2324 - 35	35
2324 - 40	40

**FOLDING ANCHOR**

Narrow nail.  
Hot galvanized steel.

Code	Kg
106-1	1,4
106-2	2,3
106-3	3,5
106-5	5,5

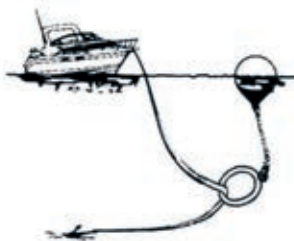
**FOLDING ANCHOR**

Wide nail.  
Hot galvanized steel.

Code	Kg
107-700	0,7
107-01	1,5
107-02	2,5
107-03	3,2
107-04	4
107-06	6
107-08	8
107-10	10
107-12	12

**STAINLESS STEEL ANCHOR**

Code	Kg
104-1	0,850

**NEW**

Code 4552

**ANCHOR LIFTING SYSTEM**

The set of the anchor lifting system includes a snap hook, a mooring rope and a stainless steel ring to which is attached the fender (the fender is not included) and follows the line of the anchor. The fender ensures that the lifting will be done smoothly.

**NEW****ANCHOR RESCUE KIT**

Anchor rescue kit with adjustable releasing load from 20 to 200 Kg. Made of reinforced polymer with fiberglass, adaptable to any type of anchor up to 8 kg, fits any boat up to a maximum length of 8 metres. It always recovers both anchor and line. Durable in sea conditions.

Code	Rope Ø mm	Anchor Weight Kg
4255	6-12	3-8

## SUGGESTED ANCHORS FOR ANCHORAGE FOR SHORT TIME ANCHORAGE

Boat m / Kgr	Anchor Type kg			Chain		Rope	
	Danforth	Folding Anchor	Bruce	Min. Diameter mm	Min. length m	Min. Diameter mm	Min. length* m
<b>To 3m</b>	1,5	1,5	-	5	3	6	12
<b>To 4m</b>	3	3	2	6	5	6	12
<b>To 5,5m or 800kg</b>	6	6	2	6	8	8	12
<b>To 6,5m or 1 ton.</b>	8	10	2	6	10	10	25
<b>To 7,5m or 2 ton.</b>	10	12	5	8	10	14	30
<b>To 9 m or 3 ton.</b>	12	15	5	8	18	14	30
<b>To 10,5m or 4,5 ton.</b>	14		5	8	20	14	35
<b>To 12,5m or 8 ton.</b>	16		7,5	10	25	16	40
<b>To 16m or 12 ton.</b>	20		10	10	35	18	50
<b>To 18m or 16 ton.</b>	25		15	12	40	22	50
<b>To 20m or 20 ton.</b>	35		20	12	40	22	60
<b>To 25m or 30 ton.</b>	45		30	14	50	24	75
<b>To 25m or 30 ton</b>	65		30	16	60	28	90
<b>Up 25m or 30 ton.</b>	90		-	-	-	-	-

\* The length of the rope must be at least 3-5 times the depth of the anchorage spot depending on the weather conditions.

FOR PERMANENT ANCHORAGE TRIPLE ALL THE ABOVE





**BOW ROLLER**  
Stainless Steel.

Code	Length mm
<b>2325</b>	51



**MOORING DEVICE WITH ANCHOR CHAIN LOCK**  
Made of stainless steel 316 polished, hook chain link and unload the windlass.

Code	For Chain Ø mm
<b>4653-1</b>	6 - 8
<b>4653-2</b>	10 - 12



**BOW ROLLER**  
Stainless Steel. Suitable for anchors up to 30 kg.

Code	Dimensions mm
<b>2328</b>	L 750 x W 90



**ANCHOR ROLLER**  
Stainless steel 316.

Code	Dimensions mm
<b>138</b>	L 570 x W 110



**Code 1494 - 3**  
**ANCHOR SAFETY LOCKS**  
For bow rollers codes: 1472, 1474.



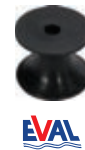
**ANODISED ALUMINIUM BOW CLE**

Code	Dimensions mm
<b>999</b>	L 11 x W 7,5 x H 12,5
<b>1000</b>	L 11 x W 7,5 x H 20



**BOW ROLLER**  
Stainless Steel.

Code	Dimensions mm
<b>2326</b>	L 160 x W 62



**PLASTIC REEL**  
For bow rollers.  
Available with its pin for codes 1463, 1464, 1465, 1897.

Code	Dimensions mm
<b>1467</b>	Ø 37,5 x W 32



**NEW**



**REPLACEMENT FOR BOW ROLLERS**  
Plastic

Code	Ø mm	Ø Internal mm	Length mm
<b>1532-1</b>	50	16	40
<b>1532-2</b>	71	16	68
<b>1532-3</b>	70	16	82
<b>1532-4</b>	71	10	68
<b>1532-5</b>	61	12,5	56
<b>1532-6</b>	54	14	60
<b>1532-7</b>	54	14	50
<b>1532-8</b>	49	10	55
<b>1532-9</b>	43	10	60
<b>1532-10</b>	55	10	68
<b>1532-11</b>	70	12,5	60
<b>1532-12</b>	55	12,5	60



**COVER FOR HAWSE PIPE**  
Chromed brass.

Code	Dimensions mm
<b>427</b>	L 160 x W 110 x H 50



**NEW**

**OVAL HAWSEHOLES**  
Made of mirror polished AISI 316 stainless steel

Code	Outside Dimensions mm	Inside Dimensions mm	Neck max mm
<b>432-1</b>	140x63	97x37	22
<b>432-2</b>	238x136	194x89	22
<b>432-3</b>	241x146	171x76	54

► DOCKING AND ANCHORING EQUIPMENT



**BOW ROLLER**  
Stainless steel.

Code	Dimensions mm
<b>2338</b>	L 190 x W 50



**BOW ROLLER**  
Stainless steel.

Code	Dimensions mm
<b>2332</b>	L 155 x W 50
<b>1468</b>	L 165 x W 50



**BOW ROLLER**  
Stainless steel.

Code	Dimensions mm
<b>2392</b>	L 250 mm x W 60 mm x H 90 mm



**BOW ROLLER**  
Stainless steel.

Code	Dimensions mm
<b>1472</b>	L 280 x W 80
<b>2336-2</b>	L 340 x W 80



**BOW ROLLER**  
Stainless steel. Suitable for mounting on aluminium cleats. For codes 997,999.

Code	Dimensions mm
<b>3732</b>	L 155 x W 40



**BOW ROLLER**  
Stainless steel with upper safety pin.

Code	Dimensions mm
<b>1485</b>	L 135 x W 50, L (total length) 230



**DOUBLE BOW ROLLER**  
Stainless steel. For anchors from 8 to 15 Kg.

Code	Dimensions mm
<b>4466</b>	L 420 x W 76



**DOUBLE BOW ROLLER**  
Stainless steel. With hinge and with safety pin.

Code	Dimensions mm
<b>2334</b>	L 225 x W 51
<b>2335</b>	L 330 x W 65



**DOUBLE BOW ROLLER**  
Stainless steel. For anchors from 8 to 15 Kg.

Code	Dimensions mm
<b>2350</b>	L 440 x W 78



**BOW ROLLER**  
Stainless steel.

Code	A mm	B mm	C mm	Thickness mm	Weight kg	Anchor Weight kg
<b>4930</b>	440	90	120	5	5,6	15



**DOUBLE BOW ROLLER**  
Stainless steel.

Code	Dimensions mm
<b>2323</b>	L 330 x W 75



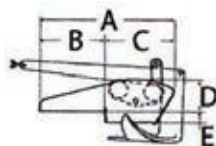
**BOW ROLLER WITH CLAMP**  
Stainless steel with built-clamp to secure anchors type BRUCE-DAN-FORTH-FORCE and C.Q.R.

Code	Dimensions mm
<b>2331-1</b>	L 205 x H 155
<b>2331-2</b>	L 340 x H 160



**ALUMINIUM BOW ROLLER**  
For anchors up to 12 kg

Code	A mm	B mm	C mm	D mm	E mm	L mm
<b>1243</b>	365	205	160	60	13	88





385



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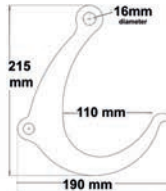


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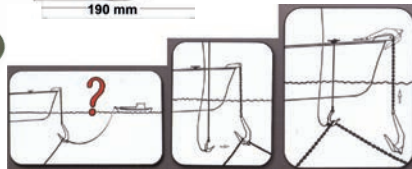


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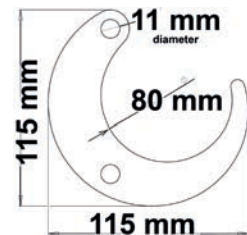
Code	Ø mm	Description	Features
385-06	6	GALVANISED CHAIN DIN 766 FOR ELECTRIC WINDLASS	1. Hot dip galvanised 2. Superior resistance
385-08	8		
385-10	10		
385-12	12		
385-14	14		
386-04	4	GALVANISED CHAIN DIN 764	1. Hot dip galvanised 2. Superior resistance
386-06	6		
386-08	8		
386-10	10		
386-12	12		
386-14	14	STAINLESS STEEL 304 CHAIN DIN 766 FOR ELECTRIC WINDLASS	1. Superior resistance
386-16	16		
396-04	4		
396-06	6		
396-08	8		
396-10	10	STAINLESS STEEL 316 CHAIN DIN 766 FOR ELECTRIC WINDLASS	1. Superior resistance
394-04	4		
394-06	6		
394-08	8		



Code 4219  
INOX HOOK FOR THE  
EXTRICATION OF  
DOCKING  
CHAINS



INOX HOOK FOR EXTRICATION  
OF DOCKING CHAINS  
Ideal for smaller boats.



Code	Diameter mm
4737	80



**CHAIN RAINBOW**  
Available in 5  
colours:  
white, yellow, red,  
blue, green

Code	Thickness mm	pcs
4258-6	6	14
4258-8	8	10
4258-10	10	8
4258-12	12	6



**STAINLESS STEEL  
ANCHOR CHAIN  
CONNECTOR**  
With swivel.

Code	For chain mm
3373-1	6-8
3373-2	10-12



**STAINLESS STEEL ANCHOR  
CHAIN CONNECTOR**  
With double swivel.

Code	For chain mm
3182-1	8
3182-2	12



**SNAP HOOK WITH SCREW  
OPENING**

Code	For chain Ø mm	Type
316-06	6	Galvanised
316-08	8	Galvanised
316-10	10	Galvanised
319-06	6	Stainless steel
319-08	8	Stainless steel
319-10	10	Stainless steel



**STAINLESS STEEL SNAP  
HOOK WITH SCREW  
OPENING**

Code	Dimensions mm
310-06	W 14 x L 45
310-08	W 18 x L 58
310-10	W 22 x L 69



**ANCHOR CONNECTOR**  
Stainless steel 316

Code	For chain
3183-1	6-8mm
3183-2	10-12 mm



Bases combination:

Bases	Height mm
S + C	375
S + B	400
S + A	425
S + B + C	450
S + A + C	475

**CHAIN BOY STAINLESS STEEL WITH ADJUSTABLE HEIGHT**

Chain boy made of stainless steel with adjustable height. Available with 3 bases of different height. When combined with each other the height of the chain boy is differentiated according to the needs.

Code	Base Diameter mm	Cap Diameter mm	Adjustable height mm
4632	150	170	325-475

**SWIVELS Galvanized.**



Code	Diameter mm	Dimensions W x L mm
235-06	6	15 x 65
235-08	8	20 x 90
235-10	10	24 x 115
235-13	13	32 x 154

**SWIVELS Stainless steel.**



Code	Diameter mm	Dimensions W x L mm
228-05	5	13 x 60
228-06	6	15 x 65
228-08	8	20 x 90
228-10	10	24 x 115
228-13	13	32 x 154
228-16	16	39 x 188
228-19	19	41 x 231

**WIRE ROPE CLIPS**

**GALVANIZED**

Code	Diameter mm
351-03	3
351-05	5
351-06	6
351-08	8
351-10	10
351-12	12
351-14	14
351-16	16
351-20	20
351-22	22
351-24	24



**STAINLESS STEEL**

Code	Diameter mm
362-03	3
362-05	5
362-06	6
362-08	8
362-10	10
362-13	13
362-16	16



**REVOLVING ANCHOR - CHAIN SWIVELS**  
Stainless steel. Designed to help the easy lifting of the chain.

Code	For chain diameter mm
4640-1	6-8
4640-2	10-12



**EYE AND JAW SWIVELS**  
Stainless steel.

Code	Diameter mm	Length L mm
249-06	6	15 x 66
249-08	8	20 x 94
249-10	10	24 x 118
249-13	13	32 x 152



**DOUBLE JAW SWIVELS**  
Stainless steel.

Code	Diameter mm	Length L mm
255-05	5	55
255-06	6	66
255-08	8	94
255-10	10	118
255-13	13	152
255-16	16	188



**SHACKLES "D" TYPE**  
Galvanized. USA standard.

Code	Ring Diameter mm	Pin Diameter mm
164-09	9	11
164-12	12	16
164-16	16	19
164-19	19	22
164-22	22	25
164-25	25	28
164-28	28	32

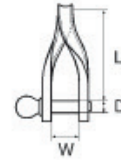


**STAINLESS STEEL THIMBLES**

Code	For rope mm
335-04	4
335-05	5
335-06	6
335-08	8
335-10	10
335-12	12
335-14	14
335-16	16
335-18	18
335-20	20

**NYLON THIMBLES**

Code	For rope mm
341-06	6
341-08	8
341-10	10
341-12	12
341-14	14
341-16	16
341-18	18
341-20	20
341-22	22
341-24	24
341-26	26

**NEW****STAMPED TWISTED T SHACKLE**

Stainless Steel AISI 316 stamped Twisted shackle.

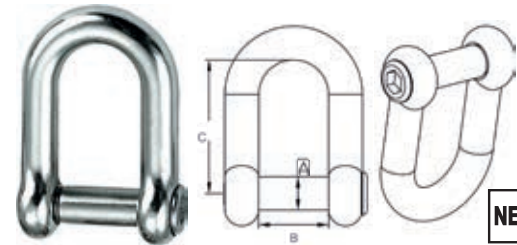
Code	D mm	L mm	W mm
149-1	5	22	12
149-2	5	33	12
149-3	6	36	14

**SHACKLES "D" TYPE****GALVANIZED**

Code	Diameter mm	Dimen. W x L mm
151-05	5	10 x 20
151-06	6	13 x 25
151-08	8	16 x 32
151-10	10	19 x 38
151-12	12	25 x 50
151-14	14	25x54
151-16	16	31x61
151-20	20	35x75
151-24	24	43x86
151-25	25	
151-28	28	

**STAINLESS STEEL**

Code	Diameter mm	Dimen- sions W x L mm
167-05	5	10 x 19
167-06	6	12 x 25
167-08	8	16 x 32
167-10	10	19 x 38
167-12	12	25 x 48
167-14	14	28 x 56
167-16	16	32 x 64

**NEW****SHACKLES WITH EMBEDDED PIN, FOR ANCHORS**

Made of stainless steel; enables the anchor to fit into stem heads without getting tangled.

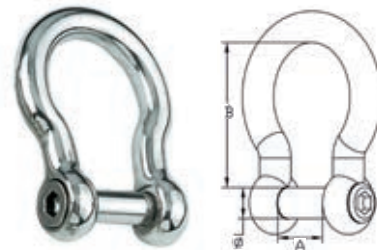
Code	Diameter mm (A)	Dimensions C x B mm
198-6	6	21 x 12
198-8	8	28 x 16
198-10	10	35 x 20
198-12	12	42 x 24

**SHACKLES "BOW" TYPE****GALVANIZED**

Code	Diameter mm
162-05	5
162-06	6
162-08	8
162-10	10
162-12	12
162-14	14
162-16	16
162-22	22
162-25	25

**STAINLESS STEEL**

Code	Diameter mm
174-05	5
174-06	6
174-08	8
174-10	10
174-12	12
174-14	14
174-16	16
174-20	20

**NEW****ANCHOR SHACKLE WITH HEXAGONAL SINK PIN**

Stainless steel.

Code	Ø mm	B mm	A mm
225-6	6	27	12
225-8	8	36	16,80
225-10	10	44,50	20
225-12	12	52,80	25
225-13	13	57	30
225-16	16	74	32,80



**CLIPS FOR HOSES**  
Stainless steel.

Code	Diameter mm
372-06	6-16
372-08	8-22
372-14	14-27
372-16	16-38
372-27	27-51
372-39	39-63
372-52	52-76
372-65	65-89
372-77	77-101
372-90	90-114



**SHACKLES "BOW" TYPE**  
Galvanized. USA standard.

Code	Diameter mm	Pin diameter
163-09	9	11
163-12	12	16
163-16	16	19
163-19	19	22
163-22	22	25
163-25	25	28



**SNAP HOOKS**

**GALVANIZED**

Code	Diameter mm	Length L mm
208-04	4	40
208-05	5	50
208-06	6	60
208-08	8	80
208-10	10	100
208-12	12	140
208-14	14	180

**STAINLESS STEEL**

Code	Diameter mm	Length L mm
217-04	4	40
217-05	5	50
217-06	6	60
217-08	8	80
217-10	10	100
217-12	12	140
217-14	14	180



**SHACKLES LONG "D" TYPE**  
Stainless steel.

Code	Diameter mm	Dimensions W x L mm
184-05	5	10 x 42
184-06	6	12 x 46
184-08	8	17 x 52
184-10	10	20 x 66

DOCKING AND ANCHORING EQUIPMENT



**LOCKING RINGS**  
Stainless steel.

Code	Diameter mm	Length L mm
216-06	6	60
216-08	8	80
216-10	10	100
216-12	12	120



**SNAP HOOKS WITH INTEGRAL EYE AND SPRING**  
Stainless steel.

Code	Diameter mm	Length L mm
3210-06	6	60
3210-08	8	80
3210-10	10	100



**SNAP HOOKS WITH INTEGRAL EYE AND SPRING**  
Stainless steel.

Code	Diameter mm	Length L mm
222-06	6	60
222-08	8	80
222-10	10	100
222-12	12	120



**SNAP HOOKS WITH INTEGRAL EYE**  
Stainless steel.

Code	Diameter mm	Length L mm
3213-5	5	50
3213-6	6	60
3213-8	8	80
3213-10	10	100
3213-12	12	140



**SNAP SHACKLES WITH SPRING**  
Stainless steel.

Code	Diameter mm
3196-1	8
3196-2	12
3196-3	16



**SAFETY SNAP HOOKS**  
Aluminium.

Code	Diameter mm	Length L mm
3227-6	6	60
3227-8	8	80



**WEBBING SNAP HOOK**  
Stainless steel. For canopy strap.

Code	Length mm	Strap mm
3984	57	W 25



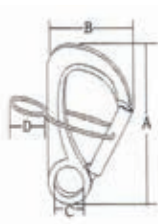
**BRASS SWIVEL EYE SNAP SHACKLE WITH LEVER OPENING**

Code	Diameter mm	Dimensions L mm
3234-16	16	67



**Code 4290  
MAGIC ROPE CLIP**

Code	Diameter mm
4290-0	5
4290	6
4290-1	8



**SHACKLE INOX**

Code	Diameter mm	Dimensions W x L mm
203	21	63 x 108



**HOOCS FOR INFLATABLE BOAT COVERS**  
Nylon.

Code
1171 - Grey
1171 - White
1171 - Black



**HOOCS FOR ELASTIC ROPES**

Code	For rope diameter mm
3344-6	6
3344-8	8



**ROPE HOOKS**  
Plastic.

Code	For rope diameter mm
436-04	4
436-06	6
436-08	8
436-10	10



**SWIVEL EYE SNAP SHACKLES**  
Stainless steel.

Code	Diameter mm	Dimensions W x L mm
213-0	4	22 x 65
213-1	5	30 x 85
213-2	6	35 x 100
213-3	7	42 x 120



**MULTIPURPOSE NYLON HOOK**

Code	Length mm	Width mm	Distance from hole to hole mm
650	30	15	2



**NYLON HOOK**

Code	Length mm	Width mm	Distance from hole to hole mm
651	44	15	3,7



**FOLDABLE EYE PLATE INOX**

Code	Thickness mm	Length mm
4736	12	70



**SWIVEL EYE SNAP SHACKLES WITH SAFETY PIN**  
Stainless steel.

Code	Diameter mm	Dimensions W x L mm
247-1	12	12 x 70
247-2	16	13 x 87
247-3	22	22 x 128



321-1



321-2

**SWIVELLING HALF-RING**  
Stainless steel.

Code	Length mm	Width mm	Breaking Load Kg
321-1	54	28	1.700
321-2	65	70	2.700

**ROUND RINGS**  
Stainless steel.



Code	Thickness mm	Diameter mm
313-1	4	35
313-3	6	40
313-5	8	40
313-8	10	60
313-9	13	130
313-10	13	160



**HALF RING**  
Stainless steel. For belt 50 mm.

Code	Thickness mm	Inter. Dimens. mm
322-50	6	50 x 35
322-80	9	50 x 55



**EYE NUTS**  
Stainless steel.

Code	Thickness mm	Diameter mm
292-06	6	20
292-08	8	20
292-10	10	25
292-12	12	30



**EYE BOLT INOX**

Code	Total Height	Screw Height	Thick-ness	Internal Diameter	Screw Diameter
288-10	61,5 mm	17,5 mm	10 mm	24,5 mm	M10



**EYE PLATES, FIXING WITH FOUR SCREWS**  
Stainless steel.

Code	Thickness mm	Dimensions mm
304-5	5	60 x 36
304-6	6	65 x 40
304-8	8	80 x 50



**EYE PLATES FIXING WITH FOUR SCREWS**  
Stainless steel.

Code	Thickness mm	Dimensions mm
3665-4	5	35 x 30
3665-5	17	33 x 40
3665-6	8	50 x 40



**PLATES WITH DOUBLE EYES, FIXING WITH FOUR SCREWS**  
Stainless steel.

Code	Thickness mm	Diameter mm
307-5	5	30
307-6	6	35
307-8	7	45



**RING BOLT**

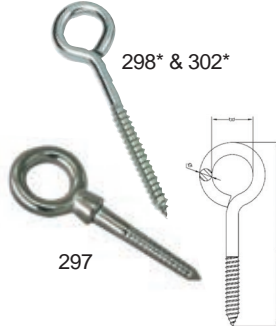
Code	Thickness mm	Length mm	Ring Diameter cm
3674-4	90	140	6



**RING BOLT-LAG SCREW**  
Stainless steel.

Code	Thickness mm	Dimensions Ø x L mm
300-06	6	30 x 95
300-08	8	50 x 124
300-10	10	50 x 148
300-12	12	50 x 175

**EYE BOLTS**  
Stainless steel.



Code	Thickn. mm	Dimensions B x Thread x Length mm	Ring Type
297-60	6	36 x 60	Closed Ring
297-65	6	16 x 30 x 60	
297-100	6	14 x 100	
298-85	8	20 x 85	Open Ring
298-110	8	20 x 110	
302-125	10	30 x 125	



**EYE BOLTS**  
Stainless steel.

Code	Thickness mm	Length L mm
280-06	6	60
280-08	8	80
280-10	10	90
280-12	12	90



**STAINLESS STEEL FAIRLEAD**

Code	Thickness mm
317-1	5
317-2	6
317-3	8



**STAINLESS STEEL FAIRLEAD**

Code	Diameter mm
318-1	10
318-2	13
318-3	17



**NEW**

**DECK U-BOLT INOX**  
Suitable for fixing nylon belts; made of mirror polished AISI 316 stainless steel.

Code	Thickness mm	Diameter mm
1007	5	40










**RING BOLTS**  
Stainless steel.











Code	Thickness mm	Length L mm
284-06	6	60
284-08	8	80
284-10	10	90
284-12	12	90







**NYLON WEBBING BRIDGES**





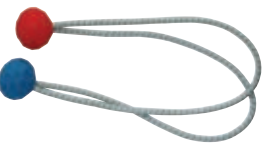
Code	External Length mm	Internal length mm	Height mm	Color
700-1	45	27	0,9	White
700-2	65	40	10	White



	Code	Ø mm	Breaking load kg	Description	Features
 <p>472</p> <p>ECONOMY SERIE</p>	472-06	6	510	POLYESTER TWISTED ROPE OF GOOD QUALITY	1. Sinkable 2. Good resistance to abrasion 3. Undeformable working 4. White
	472-08	8	800		
	472-10	10	1,23		
	472-12	12	1,95		
	472-14	14	2,1		
	472-16	16	2,5		
	472-18	18	3,15		
	472-20	20	3,9		
	472-22	22	4,8		
	472-24	24	6		
	472-26	26	7,5		
	472-28	28	9,3		
 <p>402</p>	402-10	10	950	POLYESTER TWISTED ROPE OF EXCELLENT QUALITY	1. Sinkable 2. With 3 or 4 strands double twisted 3. Good resistance to abrasion 4. Undeformable working 5. Blue
	402-12	12	1.350		
	402-14	14	1.900		
	402-16	16	2.450		
	402-18	18	3.050		
	402-20	20	3.800		
	402-22	22	4.600		
	402-24	24	5.500		
 <p>403</p>	403-06	6	340	POLYESTER TWISTED ROPE OF EXCELLENT QUALITY	1. Sinkable 2. 3-strand 3. Good resistance to abrasion 4. Undeformable working 5. White
	403-08	8	620		
	403-10	10	950		
	403-12	12	1.350		
	403-14	14	1.900		
	403-16	16	2.450		
	403-18	18	3.050		
	403-20	20	3.800		
	403-22	22	4.600		
	403-24	24	5.500		
403-26	26	6.400			
403-28	28	7.350			
 <p>2853</p>	2853-10	10	1,23	POLYESTER TWISTED ROPE OF GOOD QUALITY	1. Sinkable 2. With 3 strands 3. Good resistance to abrasion 4. Undeformable working 5. Black
	2853-12	12	1,95		
	2853-14	14	2,1		
	2853-16	16	2,5		
	2853-18	18	3,15		
 <p>405</p>	405-08	8	440	POLYESTER BRAIDED ROPE WITHOUT CORE OF EXCELLENT QUALITY	1. Sinkable 2. Easy to plait 3. Good resistance to abrasion 4. Undeformable working 5. Blue
	405-10	10	660		
	405-12	12	950		
	405-14	14	1.350		
	405-16	16	1.700		
	405-18	18	2.150		
	405-20	20	2.650		
	405-22	22	3.350		
	405-24	24	3.850		
 <p>400</p>	400-04	4	250	POLYESTER BRAIDED TWINE FOR ENGINES	1. Suitable for engines 2. Extremely resistant
	400-05	5	350		
 <p>410</p>	410-04	4	-	ELASTIC POLYESTER TWINE	1. Suitable for all kind of nautical uses 2. Extremely resistant
	410-06	6	-		
	410-08	8	-		
	410-10	10	-		

	Code	Ø mm	Breaking load kg	Description	Features
 <p>413</p>	413-1,5	1,5	60	POLYESTER BRAIDED TWINE	1.Suitable for fishing 2. Extremely resistant 3. Sinkable
	413-2	2	100		
	413-2,5	2,5	110		
 <p>407</p>	407-3	3	120	POLYPROPYLENE BRAIDED TWINE	1. Suitable for all kind of nautical uses 2. Extremely resistant 3. Floating
	407-4	4	200		
	407-5	7	300		
 <p>415</p>	415-08	8	-	POLYETHYLENE BRADED ROPE	1. Suitable for ski and inflatable boats 2. Floating 3. High Resistance 4. Eight plates without core
	415-10	10	-		
 <p>415-W</p>	415-12	12	-		
	415-08W	8	-		
	415-10W	10	-		
 <p>397</p> 	397-03	3	80	POLYESTER BRAIDED ROPE OF EXCELLENT QUALITY	1. Sinkable 2.Good resistance to abrasion 3. Undeformable working 4.Multiple weave
	397-04	4	145		
	397-05	5	190		
	397-06	6	270		
	397-08	8	500		
	397-10	10	760		
	397-12	12	1.080		
	397-14	14	1.500		
	397-16	16	1.960		
	397-18	18	2.240		
	397-20	20	3.040		
 <p>399</p> <p>ECONOMY SERIE</p>	399-03	3	90	POLYESTER BRAIDED ROPE	1. Sinkable 2. Good resistance to abrasion 3. Undeformable working 4. Multiple weave
	399-04	4	200		
	399-05	5	350		
	399-06	6	500		
	399-08	8	890		
	399-10	10	1,4		
	399-12	12	1,9		
	399-14	14	2,8		
	399-16	16	3,6		
	399-18	18	4,4		
399-20	20	5,4			
 <p>2928</p>	2928-04	4	200	POLYESTER ROPE OF EXCELLENT QUALITY	1. Suitable for several uses 2. Sinkable 3. Blue / Red
	2928-06	6	500		
	2928-08	8	890		
	2928-10	10	1,4		
	2928-12	12	1,9		
	2928-14	14	2,8		
 <p>2929</p>	2929-04	4	200	POLYESTER ROPE OF EXCELLENT QUALITY	1. Suitable for several uses 2. Sinkable 3. Red / Blue
	2929-06	6	500		
	2929-08	8	890		
	2929-10	10	1,4		
	2929-12	12	1,9		
	2929-14	14	2,8		
 <p>476-06</p>	476-06	6	350	POLYPROPYLENE BRAIDED ROPE OF 8 STRANDS	color red/yellow

	Code	Ø mm	Breaking load kg	Description	Features
401     	401-08 BLUE	8	1.080	 POLYESTER ROPE DOUBLE BRAID 16 SPINDLES EXCEL- LENT QUALITY FOR BOOM SHEET ON BOAT FOR SAILING BOATS ROPES OF EUROPEAN ORIGIN	1. Sinking 2. High toughness with limited elongation 3. Plaited internal core 4. Quite no permanent deformation 5. Smooth texture Color : Blue, Green, Red, Yellow
	401-08 GREEN				
	401-08 RED				
	401-08 YELLOW				
	401-10 BLUE	10	1.850		
	401-10 GREEN				
	401-10 RED				
	401-10 YELLOW				
	401-10 BLACK	12	2.740		
	401-12 BLUE				
	401-12 GREEN				
	401-12 RED				
	401-12 YELLOW	14	3.900		
	401-12 BLACK				
	401-14 BLUE				
	401-14 GREEN				
401-14 RED	16	4.650			
401-14 YELLOW					
401-14 BLACK					
401-16 BLUE					
404   404RD  404BL  404GRE 	404-04	4	180	 POLYESTER ROPE DOUBLE BRAID 32 SPINDLES EXCEL- LENT QUALITY FOR HALYARDS ON BOAT FOR SAILING BOATS ROPES OF EUROPEAN ORIGIN	1. Sinking 2. High toughness with limited elongation 3. Plaited internal core 4. Quite no permanent deformation 5. Smooth texture Color : White with Red, White with Blue, White with Green
	404-04BL				
	404-04GRE				
	404-04RD				
	404-06	6	630		
	404-06BL				
	404-06GRE				
	404-06RD				
	404-08	8	1.210		
	404-08BL				
	404-08GRE				
	404-08RD				
	404-10	10	1.990		
	404-10BL				
	404-10GRE				
	404-10RD				
404-12	12	3.110			
404-12BL					
404-12GRE					
404-12RD					
404-14	14	3.900			
404-14BL					
404-14GRE					
404-14RD					
404-16	16	5.000			
404-16BL					
404-16GRE					
404-16RD					
408  	408-2	2	-	POLYPROPYLENE BRAIDED ROPE OF EXCELLENT QUALITY	1. Suitable for several uses 2. Sinkable 3. High tenacity 4. Packaging box containing 20 bobbins in various colors (box size 32,5 cm x 28,5 cm x 17 cm height) 5. Rope length per bobbin 30 meters
	408-3	3	-	POLYPROPYLENE BRAIDED ROPE OF EXCELLENT QUALITY	1. Suitable for several uses 2. Sinkable 3. High tenacity 4. Packaging box containing 20 bobbins in various colors (box size 32,5 cm x 28,5 cm x 17 cm height) 5. Rope length per bobbin 17 meters
4658 	4658-1	Ø10mm x L 6m	1300	MOORING LINE WITH LOOP FROM POLYESTER.	Navy blue color.
	4658-2	Ø12mm x L 6m	2200		
	4658-3	Ø14mm x L 6m	2800		
	4658-4	Ø16mm x L 6m	3500		
	4658-5	Ø10mm x L10m	1300		
	4658-6	Ø12mm x L10m	2200		
	4658-7	Ø14mm x L10m	2800		
	4658-8	Ø16mm x L 0m	3500		

	Code	Ø mm	Breaking load kg	Description	Features
 <p>4680</p>	4680-1	Ø 8mm x L 6m	1000	BRAIDED MOORING LINE FROM POLYESTER.	White color
	4680-2	Ø 8mm x L 10m	1000		
	4680-3	Ø 10mm x L 6m	1600		
	4680-4	Ø 10mm x L 10m	1600		
	4680-5	Ø 12mm x L 6m	2000		
	4680-6	Ø 12mm x L 12m	2000		
	4680-7	Ø 14mm x L 8m	2900		
	4680-8	Ø 14mm x L 14m	2900		
	4680-9	Ø 16mm x L 10m	3800		
	4680-10	Ø 16mm x L 20m	4500		
 <p>4679</p>	4679-1	Ø 10mm x L 6m	1300	ROPE WITH LOOP AND STAINLESS STEEL THIMBLE FROM POLYESTER.	White color
	4679-2	Ø 12mm x L 6m	2200		
	4679-3	Ø 14mm x L 6m	2800		
	4679-4	Ø 16mm x L 6m	3500		
	4679-5	Ø 10mm x L 30m	1300		
	4679-6	Ø 12mm x L 30m	2200		
	4679-7	Ø 14mm x L 30m	2800		
	4679-8	Ø 16mm x L 30m	3500		
 <p>409</p>	409-1	Ø 10mm x L 30m	1600	ANCHOR BRAIDED LINE WITH STAINLESS STEEL THIMBLE FROM POLYESTER.	
	409-2	Ø 10mm x L 50m	1600		
	409-3	Ø 12mm x L 30m	2000		
	409-4	Ø 12mm x L 50m	2000		
	409-5	Ø 16mm x L 50m	3800		
 <p>2939</p>	2939-8	Ø 8mm x L 2m		BRAIDED FENDER LINE WITH LOOP FROM POLYESTER.	Navy blue color.
	2939-10	Ø 10mm x L 2m			
	2939-12	Ø 12mm x L 3m			
 <p>600</p>	Code	Dimensions cm	Description		
	600-1	40	SAIL FASTENERS WITH 2 PLASTIC BALLS		
600-2	60				



**ANTI-CHAFE COVER**  
Made of PVC.

Code	Dimensions mm
3305-1	6,5 x 28 x 91
3305-2	9 x 30 x 86
3305-3	15 x 54 x 120

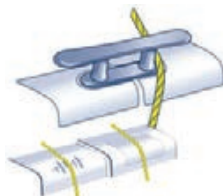


**Code 416 ROPE CUTTER**  
240V - 300 W. Available the spare blade. Code 416 - blade.



**SPLICING TOOL, WITH WOODEN HANDLE**  
Made of stainless steel with handle, suitable for splicing

Code	Length mm	Max Rope diameter mm
2381	180	12



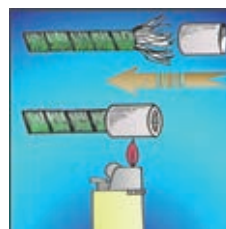
**ROPES DISPLAY STAND**  
For the placement of 6 or 9 coils of rope. For the best presentation, as also the most convenient way for you to sell ropes.

Code	Coils
473	6
473-1	9

**Code 3866 ANTI-CHAFE PATCH**

Polyolefin film with a high performance acrylic adhesive. Operating temperature -40°C to 107°C. This application is intended to help prevent wear to vulnerable areas of the boat. Pack contains 4 clear UV resistant sheets on a blue disposable liner

Number of Patches	Dimensions L x W mm	micron
2	L 150 x W 125	250
1	L 125 x W 105	130
1	L 125 x W 75	130



**TERMINAL «FAST END» FOR BRAIDED AND STRAND ROPES**

It is easily adjusted at the end of the rope just using a heating mean.

Code	Diameter mm
1668-1	from 6,5 up to 12,5
1668-2	from 10 up to 19



**NEW****STERNROLLER WITH WEBBING BELT**

Stainless steel 316 "case" including the webbing belt.

Code	Webbing dimensions W mm x L m	Breaking Load Kg
3007-1	25 x 30	2000
3007-2	25 x 50	2000
3007-3	30 x 30	4000
3007-4	35 x 50	4000

**STERNROLLER**

Stainless steel "case" for placing the webbing belt. It is combined with code 3006\*.

Code	Webbing dimensions Width mm x Length m
3005-1	25 x 30
3005-2	25 x 50
3005-3	30 x 30
3005-4	35 x 50

**WEBBING BELT**

It is combined with code 3005\*. Polyester webbing belt with UV, suitable for sea conditions.

Code	Webbing dimensions Width mm x Length m	Breaking Load Kg
3006-1	25 x 30	2000
3006-2	25 x 50	2000
3006-3	30 x 30	4000
3006-4	35 x 50	4000

**BRASS BLOCK WITH SINGLE WHEEL**

Code	Dimensions mm	Diameter mm
1489	L 65 x W 20	8 - 10

**STAINLESS STEEL BLOCKS WITH DOUBLE WHEELS AND SWIVEL**

Code	Dimensions mm	Diam. mm	Breaking Load Kg
1476-25	L 103 x W 30 x D 12	8 - 10	2000
1476-32	L 116 x W 36 x D 12	8 - 10	2300
1476-50	L 150 x W 54 x D 15	18 - 20	3400

**STAINLESS STEEL BLOCKS WITH SINGLE WHEEL AND SWIVEL**

Code	Dimensions mm	Diam. mm	Breaking Load Kg
1479-25	L 83 x W 30 x D 12	8 - 10	1500
1479-32	L 96 x W 36 x D 12	10-12	1800
1479-50	L 130 x W 54 x D 15	12-14	3500

**STAINLESS STEEL BLOCK WITH SINGLE NYLON WHEEL AND FIXED PIN**

Code	Dimensions mm
1483	L 45 x W 25 x D 7

**STAINLESS STEEL BLOCKS WITH SINGLE NYLON WHEEL AND SWIVEL**

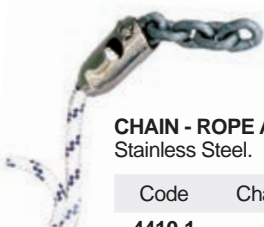
Code	Dimensions mm	Breaking Load Kg
1484-25	L 288 x W 27 x D 13	500
1484-32	L 104 x W 35 x D 15	750
1484-50	L 143 x W 54 x D 20	1500

**STAINLESS STEEL BLOCK WITH SINGLE PLASTIC WHEEL AND REMOVABLE PIN**

Code	Dimensions mm
1482	L 50 x W 26,5 x D 7

**INOX BLOCK WITH SINGLE NYLON WHEEL**

Code	Dimensions mm (H x W x T)	For rope diameter mm	Breaking Load Kg
1651-25	56 x 22 x 8	8	500 Kg
1651-35	85x 39 x 10	10	800 Kg

**CHAIN - ROPE ADAPTER**

Stainless Steel.

Code	Chain Diameter mm	For Rope m
4410-1	6	8-10
4410-2	8	10-12

**CLIPS FOR ROPES**

Code	ROPE mm Hard / Soft
1695-0	5-6
1695-1	6-7
1695-2	8-10
1695-3	10-12



**STAINLESS STEEL TURNBUCKLES**

Code	Dimensions mm
3222-06	6
3222-08	8
3222-10	10
3222-12	12



**GALVANIZED TURNBUCKLES**

Code	Dimensions mm
377-05	5
377-06	6
377-08	8
377-10	10
377-12	12
377-14	14
377-16	16



**STAINLESS STEEL TURNBUCKLES**

Code	Dimensions mm
382-05	5
382-06	6
382-08	8
382-10	10
382-12	12



**MOORING SPRINGS**

**Galvanized**

Code	Diameter mm	Length cm
369-06	6	31
369-07	7	36
369-08	8	40
369-10	10	46
369-12	12	40

**Stainless Steel**

Code	Diameter mm	Length cm
366-06	6	31
366-07	7	36
366-09	9	42
366-10	10	46



**SHOCK ABSORBER**

Code	For Rope mm	For Boat m
3345-1	6-12	4-5
3345-2	14-18	10
3345-3	20-22	15



**PLASTIC MOORING SPRINGS**

Code	Dimensions mm	For Boat m
3349-4	L 215mm x W 39,5mm x H 32mm	Up to 5
3349-10	L 330 x W 50 x H 36	Up to 10



**Code 4395  
PROTECTIVE COVER  
FOR ROPES (PAIR)**

Chafe protection while at the dock, at anchor, on a mooring etc. Suitable for ropes of diameter 10 - 25mm. Guaranteed for problem free years of use.



**MOORING SPRING MODEL "EXTRA"  
Stainless Steel.**

Code	Diameter mm	Length mm	For Boat m/Kg
370-09	9	470	12/8000
370-11	11	470	14-15/13000



**CABLE COVERS**

Protect sails and sheets from chafe. Keep sails clean and prevent wear. The covers split for quick "snap-on". Tough, durable plastic with ultraviolet absorber action.

Code	Diameter mm	Length / Piece cm
4396-2	2	180
4396-3	3	180
4396-4	4	180
4396-5	5	180
4396-6	6	180
4396-8	8	180
4396-10	10	180

**Code 1666  
ANTI-RAT DEVICE**

Made of durable plastic with UV filter. Maximum diameter of 37cm. It prevents the passage of the rodent through the rope to the boat. Easy application for various size moorings.

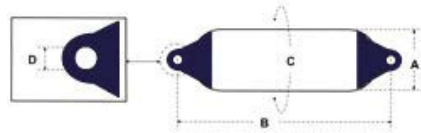


**NEW SERIES FENDERS FROM EVAL**

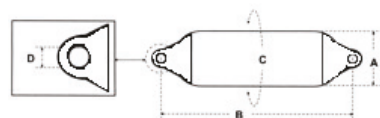
EVAL new series fenders protect the boat when moored to a dock or anchored. These fenders made of strong and durable PVC resist to sea conditions. They are available in a variety of types and sizes suitable for all kind of boats.

It is very important that the fenders are inflated to the correct pressure for maximum effectiveness. Normal inflation pressure for fenders at 68°F / 20°C is 0,15bar. However during hot weather the pressure should be decreased by 0,05 bar.

It is suggested the fenders to be washed regularly with clean water. For best protection it is advised to use Fender Covers to keep the fenders clean and protected from sun, salt and wear.

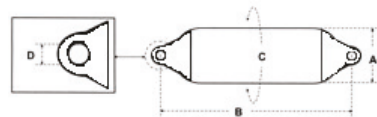
**FENDERS WHITE WITH BLUE CAPS AND DOUBLE EYE**  
EU origin

Code	Description	A cm	B cm	C cm	Eye Diameter cm	Buoyancy * kg	Net Weight per Unit kg
782-2	White with Blue Cap	9	31	32	1,7	1,5	0,35
782-3		12	41	36		3	0,55
782-4		14	50	48		5	0,8
782-5		16	56	51		8	1,3
782-6		20	56	65		15,3	1,6

**FENDERS WHITE WITH DOUBLE EYE**

White double eye fenders made of durable PVC, high resistance to harsh weather conditions and to the UV sun rays. EU origin

Code	Description	A cm	B cm	C cm	Eye Diameter cm	Buoyancy * kg	Net Weight per Unit kg	Volume cm <sup>3</sup>
774-2	Double eye	9	31	32	1,4	1,5	0,3	4
774-3		12	41	36	1,4	3	0,5	4,5
774-4		14	50	48	1,4	8	1,1	9,4
774-5		16	56	51	1,7	12	1,3	12

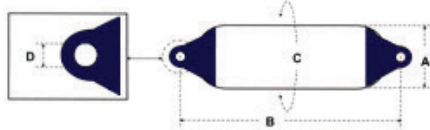
**FENDERS BLUE WITH SINGLE EYE**

Blue fenders made of durable PVC, high resistance to harsh weather conditions and to the UV sun rays. EU origin

Code	Description	A cm	B cm	C cm	Eye Diameter cm	Buoyancy * kg	Net Weight per Unit kg	Volume cm <sup>3</sup>
774-1B	Single eye	9,5	24	31	1,4	1,57	0,26	1,57

**INFLATABLE HEAVY DUTY FENDERS DOUBLE EYE**

These inflatable fenders are heavy duty and extra strong. They are made of P.V.C. with solid ribbed injection moulded ropehold. They have uniform wall thickness with smooth surface and glossy finish. Manufactured for being resistant to extreme sea conditions, high abrasion and sun resistance. The production method ensures the maximum durability and resistance. The eyes are compact and specially reinforced both in its internal and external side. The fenders are produced in a unique procedure that ensures the eyes cannot be ripped off from the rest of the body. They have extra flexible body material and quality plastic valve to secure a perfect seal. Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature. EU origin



DOCKING AND ANCHORING EQUIPMENT

Code	Description	A cm	B cm	C cm	Eye Ø cm	Buoyancy Kg	Weight Kg
790-0	White with Blue Cap	11,5	42	36	1,5	3	0,75
790-0BL	Black						
790-1	White with Blue Cap	15	50	46		6,7	1,05
790-1BL	Black						
790-2	White with Blue Cap	15	61	46		8	1,20
790-2BL	Black						
790-3	White with Blue Cap	18	61	54	10	1,40	
790-3BL	Black						
790-4	White with Blue Cap	22	62	68	13	2	
790-4BL	Black						
790-5	White with Blue Cap	22	75	68	20	2,5	
790-5BL	Black						
790-6	White with Blue Cap	22	106	68	35	4,30	
790-6BL	Black						
790-7	White with Blue Cap	30	77	95	45	3,10	
790-7BL	Black						
790-8	White with Blue Cap	27	100	90	65	4,8	
790-8BL	Black						
790-9	White with Blue Cap	38	125	120	120	8,9	
790-9BL	Black						

POLYFORM GROUP are a very good choice for the protection of the boat during the mooring. They are available in a big variety of shapes and sizes for boats of all kind and size. A good way to protect them more is to put them in the fender covers that are displayed below. Made in Norway.



## polymatiq® ROTOMOULDING

### POLYFORM FENDERS WITH DOUBLE EYE

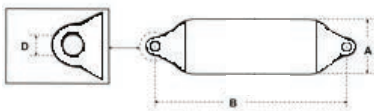


Code	Color	Type	A cm	B cm	D Eye Diameter cm	Weight kg
4201-1W	White	F01	13	56	1,8	0,75
4201-1BL	Blue	F01				
4201-2W	White	F1	15	61	2,2	1
4201-2BL	Blue	F1				
4201-3W	White	F-02	20	66	2,5	1,65
4201-3BL	Blue	F-02				
4201-4W	White	F-2	22	61	2,8	1,75
4201-4BL	Blue	F-2				
4201-5W	White	F-3	22	74,5	2,8	2,1
4201-5BL	Blue	F-3				
4201-6W	White	F-4	22	104	2,8	2,9
4201-6BL	Blue	F-4				
4201-7W	White	F-5	29	77,5	2,8	3
4201-7BL	Blue	F-5				
4201-8W	White	F-6	29	109	2,8	4,2
4201-8BL	Blue	F-6				
4201-9W	White	F-7	37,5	102	2,8	5,3
4201-9BL	Blue	F-7				
4201-10W	White	F-8	37,5	144	2,8	7,6
4201-10BL	Blue	F-8				

### SUGGESTED FENDERS FOR BOATS

Boat Length m	Fender Type
-3,10	F01
3,40-5,00	F01/F1
5,20-7,00	F1/F02/F2
7,30-9,20	F2/F3/F4
9,40-13,90	F5/F6
14,00-18,50	F7/F8

Fenders 4201\* are available in BLACK color as well upon special request.



### POLYFORM FENDERS WITH DOUBLE EYE



Code	Color	Type	A cm	B cm	D Eye Diameter cm	Weight Kg
4214-1W	White	G2	11,7	40,7	1,3	0,5
4214-1BL	Blue	G2				
4214-2W	White	G3	14,5	51,5	1,6	0,8
4214-2BL	Blue	G3				
4214-3W	White	G4	17	58,5	2	1,1
4214-3BL	Blue	G4				
4214-4W	White	G5	21,5	70,5	2,2	1,5
4214-4BL	Blue	G5				



Code	Color	Type	A cm	B cm	D Eye Diameter cm	Weight Kg	Buoyancy kg*
4202-1OR	Orange	A-1	29,5	38	2,2	1,15	13,00/7,8
4202-1W	White	A-1					
4202-2OR	Orange	A-2	39	50	2,5	2,1	32,00/19,2
4202-2W	White	A-2					
4202-3OR	Orange	A-3	46	57,5	2,8	3,1	52,00/31,2
4202-3W	White	A-3					
4202-4OR	Orange	A-4	55	71	2,8	4,1	90,00/54,0
4202-4W	White	A-4					
4202-5OR	Orange	A-5	71	94	2,8	8,3	215,0/129,0
4202-5W	White	A-5					
4202-6OR	Orange	A-6	85	112	3,5	11,3	405,0/243,0
4202-6W	White	A-6					

\* Maximum buoyancy/Suggested Maximum Load kg

**SUGGESTED FENDERS FOR BOATS**

Boat Length m	Fender Type
3,40-5,00	A1
5,20-7,00	A1/A2/A3
7,30-9,20	A3/A4
9,40-13,90	A4/A5
14,00-18,50	A5/A6

Fenders 4202\* are available in BLACK color as well upon special request.



**INFLATED MULTI-PURPOSE POLYFORM BUOYS**

Used by fishermen all over the world, multi purpose buoys are manufactured with a central flexible tube that is reinforced around the openings. Rotomoulded in one piece, with no seams to rupture, the material is resistant to all weather conditions.

Code	Gross Buoyancy Kg	Maximum Load Kg	Height mm	Diameter mm	Hose mm	Weight Kg
4305-1	29,0	17,5	430	385	48	2,6
4305-2	55,0	33,0	500	450	48	3,9
4305-3	100,0	60,0	590	540	48	5,3



**INFLATABLE ROLLER WITH VALVE**

Made of PVC. Suitable for small inflatable and rigid boats. EU origin

Code	Diam fender mm	Length mm	Boat weight kg
811	250	1200	200



**INFLATABLE ROLLERS REINFORCED**

Made of PVC. With reinforced eyes and extremely resistant to punctures. EU origin

Code	Diameter mm	Length mm	Loading Weight Kg
3246	215	1000	300
3247	215	1200	300
3248	250	1350	500

**INFLATABLE HEAVY DUTY BUOYS**

Inflatable heavy duty buoys with extra heavy rope eye. They are made of P.V.C. with solid ribbed injection moulded ropehold. They have uniform wall thickness with smooth surface and glossy finish. Manufactured for being resistant to extreme sea conditions, high abrasion and sun resistance. The production method ensures the maximum durability and resistance. The eyes are compact and specially reinforced both in its internal and external side. The fenders are produced in a unique procedure that ensures the eyes cannot be ripped off from the rest of the body. They have extra flexible body material and quality plastic valve to secure a perfect seal. Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature. EU origin



Code	Description	A cm	B cm	C cm	Eye Ø cm	Buoyancy Kg	Weight Kg
<b>793-0</b>	Orange	20	27	70	2,5	6	0,75
<b>793-0 W</b>	White						
<b>793-0 BL</b>	Black						
<b>793-1</b>	Orange	29	41	90			
<b>793-1 W</b>	White						
<b>793-1 BL</b>	Black						
<b>793-2</b>	Orange	34	49	110			
<b>793-2 W</b>	White						
<b>793-2 BL</b>	Black						
<b>793-3</b>	Orange	46	57	144			
<b>793-3 W</b>	White						
<b>793-3 BL</b>	Black						
<b>793-4</b>	Orange	53	64	166			
<b>793-4 W</b>	White						
<b>793-4 BL</b>	Black						
<b>793-5</b>	Orange	62	80	194	3,5	160	6,25
<b>793-5 W</b>	White						
<b>793-5 BL</b>	Black						
<b>793-6</b>	Orange	85	100	267			
<b>793-6 W</b>	White						
<b>793-6 BL</b>	Black						

**MODULAR FLAT FENDERS**

The flat fenders are made of closed cell polyethylene foam to avoid foam's water absorption and punctures. The flat design keeps them from rolling or riding up. They can be fastened together. Easy storage.

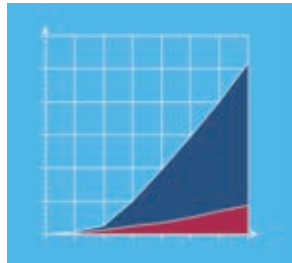
Code	Length cm	Width cm	Thickness cm	Weight Kg
753-1	50	30	5	0,38
753-2	65	30	7	0,50
753-3	95	30	7	0,87



**HEAVY DUTY HIGH LINER HL-BUOY**

Cylindrical, "bullet-shaped" POLYFORM HL-buoy is specially designed to reduce drag when used under conditions with strong current. Under some conditions, the HL-buoys can considerably reduce the drag when compared to spherical buoys.

Polyform HL fender features the specially designed blue-top ropehold to guarantee the highest breaking strength possible. The HL-buoy is heavy duty buoy used in commercial fishing, aquaculture and a must for the protection of larger recreational crafts and yachts.



Code	Color	Type	Length mm	Diameter mm	Eye Diameter mm	Weight Kg	Maximum Buoyancy Kg/ Recommended Maximum Load Kg
3939	Red with Blue Ropehold	HL2	620	300	22	2,1	30,5 / 18,5

DOCKING AND ANCHORING EQUIPMENT

**ROUND FENDER COVERS**

Made of high resistant material they render fenders more longtermed, protecting them by the sun, sea-water and frictions. They are also soft enough to protect the surfaces of the boat by damages. The strap to the ends make them fit excellently on fenders. Color: blue.



EVAL Fender Covers			Suitable for Fenders					
			POLYFORM US	POLYFORM NORWAY		SCANMARINE	MAJONI	CASTRO
Code	Length mm	Width mm	Type A	Type A	Relevant EVAL code fender	Type NB	Type BUOYS	EVAL code for the relevant fenders
3504-1	370	290	A1	A1	4202-1W 4201-1OR	NB40		793-1*
3504-2	490	390	A2	A2	4202-2OR 4202-2W	NB50	MB1	793-2*
3504-3*	590	470	A3	A3	4202-3OR 4202-3W	NB60	MB2	793-3*
3504-4*	710	550	A4	A4	4202-4OR 4202-4W	NB75	MB3	793-4*
3504-5*	920	700	A5	A5	4202-5OR 4202-5W	NB100	MB4	793-5*
3504-6*	1180	860	A6	A6	4202-6OR 4202-6W	NB110		793-6*
3504-7*	1380	1050	A7	A7	4202-7OR 4202-7W	NB135		

► (\*) Double thickness      ► Available on special order with Logo or Company Name



**OBLONG FENDER COVERS**

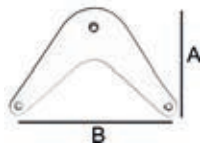
Made of high resistant material they render fenders more longtermed, protecting them by the sun, sea-water and frictions. They are also soft enough to protect the surfaces of the boat by damages. The strap to the ends make them fit excellently on fenders. Color: blue.



EVAL Fender Covers			Suitable for Fenders						
			POLYFORM US			POLYFORM NORWAY			
Code	Length mm	Width mm	Type F	Type G	Type HTM	Type F	Relevant EVAL code fender	Type G	Relevant EVAL code fender
3505-0	400	120		G2				G2	4214-1BL 4214-1W
3505-1	400	150		G3	HTM-1			G3	
3505-2	560	150	F1	G4		F01	4201-2BL 4201-2W	G4	4214-2BL 4214-2W
3505-3	600	200	F02	G5		F2	4201-3BL 4201-3W		4214-3BL 4214-3W
3505-4	560	230	F2		HTM-2		4201-4BL 4201-4W	G5	
3505-5	760	230	F3			F3	4201-5BL 4201-5W		4214-4BL 4214-4W
3505-6	1040	230	F4			F4	4201-6BL 4201-6W		
3505-7	760	300	F5	G6	HTM3	F5	4201-7BL 4201-7W		
3505-8	1070	300	F6			F6	4201-8BL 4201-8W		
3505-9	1020	380	F7		HTM4	F7	4201-9BL 4201-9W		
3505-10	1400	380	F8			F8	4201-10BL 4201-10W		

EVAL Fender Covers			Suitable for Fenders					
			MAJONI			DAN FENDER	CASTRO	CASTRO CLASSIC
Code	Length mm	Width mm	Type STAR	Type COMBI	Type CLASSIC	Type HEAVY	Type EXTRA	
3505-0	400	120			classic1		790-0*	782-3
3505-1	400	150	star1	combi1				
3505-2	560	150	star2	combi2	classic2	520	790-1* 790-2*	782-4
3505-3	600	200	star2a	combi3	classic4	822	790-3* 790-4*	782-5
3505-4	560	230	star3					782-6
3505-5	760	230	star4		classic5	827, 1025	790-5*	
3505-6	1040	230				839	790-6*	
3505-7	760	300		combi4	classic6	1232	790-7*	
3505-8	1070	300	star5			1242	790-8*	
3505-9	1020	380					790-9*	
3505-10	1400	380				1550		

▶ Available on special order with Logo or Company Name

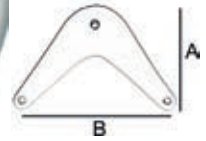


**BOW FENDERS**

Bow fenders made of PVC. They are specially designed for bow protection. Molded in just one piece with 3 ropeholders, uniform wall thickness, smooth surface and glossy finish. It is equipped with quality plastic valve to secure a perfect seal High abrasion resistance.

Code	A cm	B cm	Eye Diameter cm	Weight Kg	Color
818-1	33	40	1,2	0,95	White
818-2	53	60	1,4	2,25	
818-1BL	33	40	1,2	0,95	Blue
818-2BL	53	60	1,4	2,25	

Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.



**BOW FENDER**

Code	A cm	B cm	Eye Diameter cm	Color
806	47	56	1,1	White
807	33,5	37	0,8	

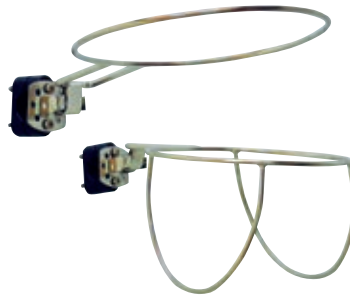
DOCKING AND ANCHORING EQUIPMENT



**DOUBLE FENDER BRACKETS**

Stainless steel. They can adjust to many angles.

Code	Fender diam. mm
773-10	100
773-14	140
773-20	200
773-26	267



**SINGLE FENDER BRACKET**

Stainless steel, consisted of two parts and clamps on to vertical rail.

Code	Fender diam. mm
3669-16	165



**SINGLE FENDER HOLDER SS**

Stainless steel. Modular system (code 3669 & 3669-2) allows to put side by side one or more fender holders.

Code	Fender diam. mm
3669-170	170
3669-195	195
3669-215	215
3669-230	230
3669-250	250
3669-395	395



**Code 3669  
CLIPS FOR RAIL  
MOUNT**

For codes 3669-170 up to 3669-395 and 3669-16, 3669-26



**BRAIDED FENDER LINE WITH LOOP**

From polyester. Navy blue color.

Code	Dimensions mm / m
2939-8	Ø 8 x L 2
2939-10	Ø 10 x L 2
2939-12	Ø 12 x L 3



**Code 3669-2  
CLIPS FOR JOIN FENDER  
HOLDERS**

For codes 3669-170 up to 3669-395 and 3669-16, 3669-26



1048-1



1048-2

**PUSH-UP MINI-CLEATS**

Ideal for coupling fenders or small boats; made of mirror polished AISI 316 stainless steel.

Code	Base Dimensions mm	Hole mm
1048-1	89 x 31	22
1048-2	134 x 41	22



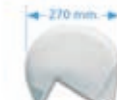
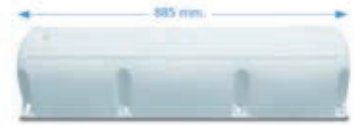
**Code 4288  
MOORING FENDER  
LOCK KIT**



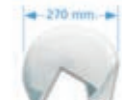
**DOCK FENDER**

Can be easily formed to cover corners and bends. Will not deteriorate in the sun, will not mark the boat. Available as a pair.

Code	Length m	Width mm	Height mm
4215	1	140	60
4215 -1	0,94	85	44



737-1



737-2

**DOCK FENDERS – BUMPER**

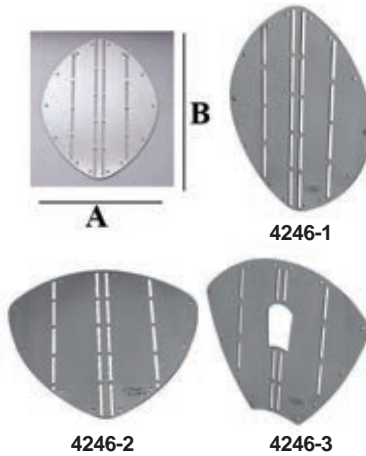
The dock fenders are made of rotomolded P.V.C. with reinforced and closed holes. Manufactured for being resistant to extreme sea conditions, high abrasion and sun resistance. The dock fender is an important "bumper" that can be mounted to provide added protection to both the boat and dock. Normal inflation measurements pressure 0,15 bar at approximate 20° C temperature.

Code	Description	Length cm	Width cm	Weight Kg	Color
737-1W	Right angle				White
737-1BL		88,5	27	6	Blue
737-2W	C-shape to be mounted on docks with rubber or wooden edge				White
737-2BL					Blue



**STERN FENDER FOR SAILING BOAT**

Code	Diameter cm	Height cm
737	10	22



**BOW SHIELD PROTECTION**

Stainless steel.

Code	Dimensions mm		Thickness mm	Weight Kg
	A	B		
4246-1	265	345	1,5	0,70
4246-2	350	345	1,5	0,95
4246-3	320	270	1,5	0,70

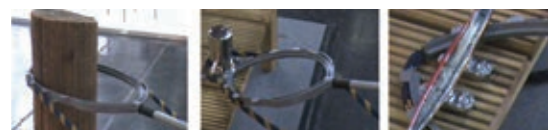


**PLASTIC UTILITY DEVICE FOR TYING**

An utility plastic device specially constructed to facilitate tying to cleats and bollards. A rope (with thickness up to 18 mm) can be placed on the guides to the outer side of the device that has an open loop and flexibility to adjust to the size of the cleat or bollard. Pass the loop of the device on the cleat or bollard and then pull it. The rope remains in the desired position.



Code	Dimensions mm	Aluminum pole Length cm
4928	L 320 x W 21,5	167





**PLASTIC UTILITY DEVICE FOR TYING**

Plastic hook with aluminium tube to fit in a standard or telescopic pole / handle. It features an automatic device to surround a ring or cleat with a rope attached to a fixture on the end of the device. Available either by itself (code 4929) and it can be combined with aluminum telescopic pole code. 4944 or with in-built aluminum telescopic pole (code 4965).

4965



Code	Dimensions cm	Description
4929	L 24 x Ø2,5	Without aluminum pole
4965	L 120-220 x Ø2,5	With aluminium telescopic pole of 120 cm (closed) 220 cm (opened) length



755-Y

**NEW**

**RIGID MARKER BUOYS – BICONICAL**

Rigid biconical buoys made of polyethylene. They are specially designed for marking and mooring. They are molded in just one piece with uniform wall thickness, smooth surface and durable ropeholds.



755-O

Code	Diameter cm	Height cm	Buoyancy kg	Color
755-O	52	107	61	Orange
755-Y				Yellow

**BICONICAL BUOYS EVAL**

Plastic, made of blow pressed polyethylene with plastic handle.



Code	Length mm	Ø mm	Weight gr
760 - Orange	700	320	1100
760 - Yellow			

**INFLATABLE BUOYS**

Inflatable buoys made of high quality PVC with strong rope eye, rod and swivel made of hot dipped galvanized steel. They have uniform wall thickness with smooth surface and glossy finish. Manufactured for being resistant to extreme sea conditions, high abrasion and sun resistance. They have extra flexible body material and quality plastic valve to secure a perfect seal. Normal inflation measurements pressure 0,15 bar at approximate 20°C temperature.



**NEW**

Code	Color	Length cm	Total Length cm	Ø cm	Rod Ø mm	Buoyancy Kg	Weight Kg
4208-1	Orange	44	87	43	18	27	6,6
4208-2		55	90	52		55	8,2
4208-3		65	92	60		104	10,6



**ALUMINUM POLE**  
It can be combined with code 4929

Code	Length cm		Diameter mm
	Opened	Closed	
4944	220	120	25

**SOLID BUOYS EVAL**



Code	Color	Length mm	Ø mm	Eye diam. mm
4204-2	Orange	600	285	16

**PEAR SHAPED BUOYS EVAL**

Plastic, suitable for signaling in docking and fishing.



Code	Length mm	Ø mm	Weight gr
3176 - Orange	377	203	270
3176 - Yellow			
765 - Orange	420	250	470
765 - Yellow			



**BICONICAL BUOYS**

Plastic, made of blow pressed polyethylene with galvanized center shaft. With polyurethane foam.



Code	Length mm	Ø mm	Weight gr
761 - Orange	700	320	2400



**GALVANIZED STEEL ROD MOORING BUOY**

Rigid plastic skin with a Urethane foam core double cone. Galvanized Steel rod mooring buoys.



Code	Diameter cm	Height cm	Buoyancy kg	Color
917	52	103	58	Red

**INFLATED BUOYS**

Code	Color	Length mm	Ø mm	Eye diam mm
4205-1	Red	640	385	16
4205-2	Red	740	450	19
4205-3	Red	855	590	19



## MOTOR EQUIPMENT



- Fuel Canisters / Portable Fuel Tanks
- Fixed Fuel & Water Tanks
- Tank Floaters
- Hoses / Fuel Primer Bulbs
- Water & Fuel Plugs / Breathers
- Trim Tabs / Filters & Water Separators
- Steering Wheels / Consoles
- Steering Systems / Steering Cables
- Lever Controls
- Engine Control Cables
- Steering Gromets
- Hydrofoils
- Auxiliary Outboard - Brackets
- Motor Extension Handles
- Transom Pads
- Engine Connectors
- Motor Washers
- Propellers
- Marine Oils

155-212



**FUEL CANISTERS**

Approved. Made in accordance to the most severe safety requirements. Includes flexible filler.

Code	Volume lt	Type
4318 - 5	5	With view strip
4318 - 10	10	on the side

Code	Volume lt
4318 - 20	20



**CANISTERS**

Made of special row material approved, polyethylene, antiexplosive. Includes flexible filler code 831.

Code	Capacity lt	Color	Type
814-15	15	ORANGE	FOR FUEL
814-22	22	ORANGE	FOR FUEL
814-22 WHITE	22	WHITE	FOR WATER



**FUEL TANK WITH FLOAT**

Made of tough and unburned polyethylene for the safest possible transfer of the fuel minimizing the possibility of inflammation.

Code	LT	Dimensions cm
820 - 22-1	22	L 45 x W 31 x H 26
820 - 30-1	30	L 49 x W 33 x H 27



**FUEL TANKS CE APPROVED**

Made of tough and unburned polyethylene, guarantees the safest possible transfer of the fuel minimizing the possibility of inflammation. CE Approved by HEEQAC, Test Report 503363.

Code	LT	Dimensions cm
820 - 12	12	L 39 x W 26 x H 22
820 - 22	22	L 45 x W 31 x H 26
820 - 30	30	L 49 x W 33 x H 27

**Code 834  
FILLER CAP**  
For tanks 814-15, 814-22 and fuel tanks 820-12, 820-22, 820-30, 820-22-1, 820-30-1.

**Code 831  
CANISTER EXTENSION**  
Plastic, for codes 814-15, 814-22, 820-12, 820-22, 820-30, 820-22-1, 820-30-1.

**Code 865  
PLASTIC HOSE**  
Plastic hose ¼ for Ø8 tube. For code 833

**Code 833  
PIPE**  
For tank 820-12, 820-22, 820-30, 820-22-1, 820-30-1. At the lower end it has a filter



4540 - 1    4540 - 2    4540 - 3  
Suitable for all CAN tanks

**FUEL TANKS**

Code	LT	Dimensions cm
2912 - 42	43	L65 x W35 x H23
2912 - 52	53	L80 x W35 x H23
2912 - 75	70	L80 x W40 x H28

**FUEL TANKS**

Code	LT	Dimensions cm
823 - 40	42	L50 x W35 x H30
823 - 51	55	L65 x W35 x H30
823 - 65	70	L80 x W35 x H30

Code	Discription	Diameter mm
4540 - 1	Connectors for fuel and water tanks	10/12
4540 - 2		17/19
4540 - 3	Racor plug suitable for water tanks	9,6



**FUEL TANKS**

Code	LT	Dimensions cm
2916 - 75	75	L 105 x W 35 x H 22+5

**FUEL TANKS**

Code	LT	Dimensions cm
4536 - 73	57	L 65 x W 40 x H 30
4536 - 103	78	L 90 x W 40 x H 30
4537 - 73	57	L 65 x W 30 x H 40
4537 - 103	78	L 90 x W 30 x H 40

**Code 627**  
**FOUR BRACKET SET**  
Made of plastic, includes polypropylene straps + tank locking buckle, fender and others, universal model.

**FIXED FUEL TANK "V" SHAPE**



Code	LT	Diameter Inlet Pipe mm	Diameter Breather mm	Dimensions cm
2917 - 100	100	38	16	L 133 x W 60 x H 25+7
2917 - 150	150	38	16	L 126 x W 71 x H 25+7

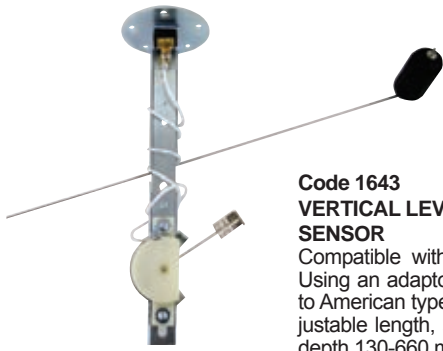


**FIXED FUEL TANKS FLAT BOTTOM**

Code	LT	Diameter Inlet Pipe mm	Diameter Breather mm	Dimensions cm
2918 - 90	90	38	16	L 78 x W 76,5 x H 20,5+7

**FIXED FUEL TANKS FLAT BOTTOM**

Code	LT	Diameter Inlet Pipe mm	Diameter Breather mm	Dimensions cm
2918 - 200	200	38	16	L 120 x W 64 x H 32+5



**Code 1643  
VERTICAL LEVEL  
SENSOR**

Compatible with EU type 10/189 Ω. Using an adaptor it can be connected to American type 240/30Ω as well. Adjustable length, suitable for tanks with depth 130-660 mm



**Code 4453  
FUEL LEVEL SENSOR - FUEL LEVEL GAUGE  
ADAPTOR**

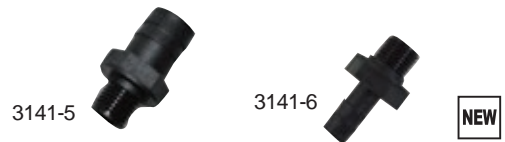
It is used to make compatible with each other different impedances. For example, it is able to connect a 10/180Ω (European type) level sensor with a 240/30Ω (American type) fuel level gauge.

MOTOR EQUIPMENT



**VERTICAL LEVEL SENSOR**  
Electrical and stainless steel. Vertical application Compatible with EU type 10/189 Ω. Using an adaptor it can be connected to American type 240/30Ω as well. Suitable for water as well.

Code	Length cm
1645 - 17	17
1645 - 20	20
1645 - 22	22
1645 - 25	25
1645 - 30	30
1645 - 33	33
1645 - 40	40
1645 - 45	45
1645 - 50	50
1645 - 55	55



**FITTINGS FOR FUEL/WATER TANKS**

They are suitable for the tanks with codes : 820-22-1,820-30-1,820\*,2916-75,4536\*,4537\*,2918\*,2917\*.

Code	Description	Thread	Internal connection diameter mm
3141-5	Breather pipe for all fuel/water tanks	1/4"	12
3141-6	Outlet pipe for all fuel/water tank breather	1/4"	10

**PLASTIC ENTRY FOR FUEL AND WATER TANKS**

Code	Internal connection diameter	Type	Thread Intern. Diamet. Inch
3141	38/50/60	Straight and Angled	1-1/2"
3141 - 1	38	Angled	1-3/4"
3141 - 2	38/50/60	Straight	for code 2916-75, 4536-103, 4536-73, 4537-103, 4537-73, 4539-103, 4539-73 2-3/16 "
3141 - 3	50	Angled	for code 2916-75, 4536-103, 4536-73, 4537-103, 4537-73, 4539-103, 4539-73 2-3/16 "
3141 - 4	35	Angled	for code 2916-75, 4536-103, 4536-73, 4537-103, 4537-73, 4539-103, 4539-73 2-3/16 "



3141





**WATER TANKS**

Code	LT	Dimensions cm
2937 - 45	47	L45 x W39 x H29
2937 - 56	57	L55 x W39 x H29



**WATER TANKS**

Code	LT	Dimensions cm
2920 - 52	52	L75 x W39 x H20
2920 - 75	71	L105 x W39 x H20



**WATER TANKS**

Code	LT	Dimensions cm
4538 - 73	70	L66 x W41 x H30+3
4538 - 103	100	L91 x W41 x H30+3



**WATER TANKS**

Code	LT	Dimensions cm
2937 - 70	70	L66 x W30 x H41
2937 - 100	100	L91 x W30 x H41



**WATER TANKS**

Code	LT	Dimensions cm
4539 - 73	73	L65 x W30 x H40
4539 - 103	103	L90 x W30 x H40

MOTOR EQUIPMENT

**FLEXIBLE WATER TANK  
RECTANGULAR**

With each tank are available a plastic fitting, for tank filling and for tank emptying .

Code	LT	Dimensions cm
2375-2	100	L 74 x W 90
2375-3	120	L 74 x W 100
2375-4	150	L 74 x W 125
2375-5	210	L 74 x W 175



NEW



**FLEXIBLE WATER TANK - TRIANGULAR**

With each tank are available a plastic fitting, for tank filling and for tank emptying .

Code	LT	Dimensions cm
2380 - 1	55	L 95 x W 76
2380 - 2	100	L 105 x W 92



**FLEXIBLE WATER TANKS**

Flexible water tanks in elastomer thermoplastic of great durability. Available with flange and complete set of connection fittings required for the function. Rectangular or triangular shape.

Code	Capacity lt	Dimensions mm			Shape
		A	B	C	
2383-1	60	730	730		■
2383-2	75	770	730		■
2383-3	100	880	730		■
2383-4	120	1030	730		■
2383-5	150	1150	730		■
2383-6	55	950	1000	130	▲
2383-7	100	1100	1100	250	▲

**SHUT OF WATER VALVE**

Code	Output Diameter mm	Thread	Height
2393	15	24 mm	88 mm



**QUICK PLASTIC CONNECTORS**

Suitable for compressed air network and hydraulic networks. Very easy installation due to the quick release patent



**CONNECTOR STRAIGHT**

Code	Diameter mm
4886	12



**CONNECTOR MALE**

Code	Diameter mm	Thread inch
4891	12	1/2"



**CONNECTOR UNION «T» TYPE**

Code	Diameter mm
4887	12



**CONNECTOR FEMALE**

Code	Diameter mm	Thread inch
4894	12	3/8"



**CONNECTOR UNION ELBOW 90° MALE**

Code	Diameter mm	Thread inch
4893	12	3/8"



**CONNECTOR UNION ELBOW 90°**

Code	Diameter mm
4888	12



**CONNECTOR UNION ELBOW 90° MALE**

Code	Diameter mm	Thread inch
4892	12	1/2"



**CONNECTOR FEMALE**

Code	Diameter mm	Thread inch
4895	12	1/2"



**CONNECTOR MALE**

Code	Diameter mm	Thread inch
4890	12	3/8"



**POLYETHYLENE REINFORCED TUBE**

Code	Internal Diam. mm	External Diam. mm	Type
4899-BLUE	10	12	For cold water
4899-RED	10	12	For hot water



**CONNECTOR FEMALE «Y» TYPE**

Code	Diameter mm
4889	12



**PLASTIC PLUGS EVAL**

Plastic Deck Plugs EVAL for filling water and fuel with large cap, blue for water and red for fuel, and with chain in order to avoid its loss.

Code	Internal tube Ø	Color
3153 - Water	38	Blue
3153 - Fuel		Red
3153 - Water		Chrome
3153 - Fuel		Chrome



Code 4502

**KEY FOR PLUGS**  
Made of stainless steel.



**STAINLESS STEEL PLUG**

Vented stainless steel plug, angled 30°

Code	Internal tube Ø
989 - Water	38
989 - Fuel	
989 - 50 - Fuel	



**NYLON PLUG**

Vented plastic plug, angled 30° with stainless steel cup with integrated spring to prevent loss.

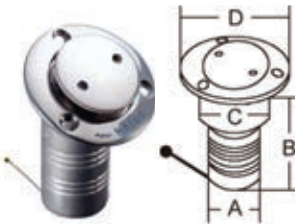
Code	Internal tube Ø
1017 - Water	38
1017 - Fuel	



**STAINLESS STEEL PLUG**

With ring nut and chain to avoid its loss.

Code	Internal tube Ø
930 - Water	38
930 - Fuel	
930-Waste	
930 -50 - Fuel	



**POP OUT DECK FILL 30 DEGREE**

Stainless Steel 316. It has key-less pop out cap with spring loaded security cable. Color-coded international symbol with engraved lettering.

Code	Angle°	A mm	B mm	C mm	D mm
938 - Water	30°	38	90	45	76
938 - Fuel					



**FUEL PLUG STAINLESS STEEL WITH KEY**

Heavy duty stainless steel fuel plug with key and protection cup.

Code	Internal tube Ø
1628	38
1628 - 50 - Fuel	50



**STAINLESS STEEL PLUG**

Stainless steel with recessed handle for screwing / unscrewing.

Code	Internal tube Ø
933 - Water	38
933 - Fuel	
933 -50 - Fuel	



**ANGLED FUEL PLUG**

Stainless steel with recessed handle for screwing / unscrewing.

Code	Internal tube Ø
3040 - Water	38
3040 - Fuel	
3040 -50 - Fuel	



**STAINLESS STEEL PLUG**

Vented plastic plug, straight, with integrated spring to prevent loss.

Code	Internal tube Ø
988 - Water	38
988 - Fuel	
988 - 50 - Fuel	



**Code 1044 STAINLESS STEEL FUEL TANK BREATHER 90°**

Internal tube Ø 14,3 mm.



**Code 1049 CHROMED BRASS FUEL TANK BREATHER**

Internal tube Ø 14,5 mm.



**Code 947 CHROMED BRASS FUEL TANK BREATHER 90°**

Internal tube Ø 14,3 mm

**ELASTIC HOSES**

Suitable for diesel and fuel, for pleasure craft inboard engines up to 24 m. With textile reinforcement. In accordance to EN ISO 7840-A1-1994 and approved by RINA CE 0474.

Temperature range: -25° C / + 120° C.  
"With steel wire helix reinforcement"

Code	Internal tube Ø mm
1756 - 38	38
1756 - 50	51



**RUBBER HOSES**

Suitable for diesel and fuel, for outboard engines, with textile reinforcement and up to 40% aromatic NBR rubber. Temperature range: -20 C / +80C

Code	Internal Diameter	External Diameter mm
841 - 08	8 mm	5/16" inch
843 - 07	7 mm	5/18" inch
841 - 10	10 mm	3/8" inch
841 - 15	15 mm	19/32" inch
841 - 19	19 mm	3/4" inch

**HOSE MADE OF PVC**

Suitable for suction and delivery of drinking water and alimentary liquids. Reinforced with steel wire helix. Standards: D.M. 21/3/73 and EEC dir. 90/128. Temperature range: -10o C / +60o C.



Code	Internal Diameter	Length m
1661 - 19	19 mm	3/4 inch
1661 - 25	25 mm	1 inch
1661 - 32	32 mm	1 1/4 inch
1661 - 38	38 mm	1 1/2 inch



**RUBBER FUEL TANK**

**HOSE MADE OF P.V.C**  
Complete with primer bulb and set of clamps.

Code	Diam. mm	Length m
2915	8	2



840



842

**FUEL PRIMER BULBS**

Code	Internal tube Ø mm
840	8
842	9.5



**SPRAY STOP ANTI SPLASH TAPE**

An IMO compliant solution to the risk of spray out from pipe flanges and the fuel system. It can also be used on hot water and steam systems. Quick and easy to apply. Coil wrap the tape around any joint or linkage in the fuel system. Recommended for all vessels. Made of multilayer aluminium/glasscloth coated material. Tensile strength 158 lbs and max pressure 20 bar.

Code	Dimensions m x cm
3865	L 10 x W 5



**PIPE AND HOSE REPAIR KIT**

Suitable for sealing leaks in water pipes, oil pipes, gas pipes and more. Works on virtually any surface: rubber, plastic, copper, steel. Ready in just 30 minutes. Finished repair can be sanded and painted. Pressures up to 20 Bar.

Code	Dimensions L m x W cm
4213 - 75	L 2,7 x W 7,5



**PVC HOSE**

Suitable for diesel and fuel, for outboard engines.

Code	Internal Diameter	External Diameter mm
845	7 mm	5/18" inch

**MARINE TOILET PVC HOSE**

Extremely flexible designed sewage pipe for marine toilets. It has the advantage to limit the spreading of odours from the toilet drains. White PVC with steel wire helix reinforcement. Temperature range -15o C / +60o C.



Code	Internal Diameter	Length m
1662 - 19	19 mm	3/4 inch
1662 - 25	25 mm	1 inch
1662 - 38	38 mm	1 1/2 inch



**FUEL PRIMER BULB FOR 2 & 4 STROKE ENGINES**

Complete with hose.



Code	Diameter mm		Length m
	Primer bulb	Internal hose	
844	9,5	7	2



4231



4232

**FUEL PRIMER BULBS**

Code	Internal tube Ø mm
4231	8
4232	9.5



**STAINLESS STEEL CLIPS**

Code	Diameter mm
4464 - 08	8
4464 - 10	10
4464 - 12	12
4464 - 16	16
4464 - 18	18
4464 - 20	20
4464 - 25	24
4464 - 28	28
4464 - 32	32



**STAINLESS STEEL CLAMPS**  
Better chemical resistance and longer life in aggressive environment.

Code	Diameter mm	Width mm	Thickness mm
4463 - 36	36-39	21	1
4463 - 40	40-43	21	1
4463 - 44	44-47	21	1
4463 - 48	48-51	21	1
4463 - 52	52-55	21	1
4463 - 56	56-59	21	1
4463 - 60	60-63	21	1
4463 - 64	64-67	21	1
4463 - 68	68-73	24	1,2
4463 - 74	74-79	24	1,2
4463 - 80	80-85	24	1,2
4463 - 86	86-91	24	1,2
4463 - 92	92-97	24	1,2
4463 - 98	98-103	24	1,2
4463 - 104	104 - 112	24	1,2



Code 4408

**RUBBER CLAMP (Pair)**

Ideal for stowing or transporting tools. Can also be used as a pipe stand-off (do not use on exhaust pipes). Mounts easily with one bolt or screw and with the strap facing any direction. Holds object of 22-57mm diameter and up to 10 kgs.



**STAINLESS STEEL CLIPS FOR HOSES**

Code	Diameter mm
372 - 06	6 - 16
372 - 08	8 - 22
372 - 14	14 - 27
372 - 16	16 - 38
372 - 27	27 - 51
372 - 39	39 - 63
372 - 52	52 - 76
372 - 65	65 - 89
372 - 77	77 - 101
372 - 90	90 - 114



**TIE WRAP FOR GENERAL USE**

White color.

Code	Dimensions mm
846 - 1	L 80 x W 2,5
846 - 2	L 200 x W 2,5
846 - 3	L 150 x W 3,6
846 - 4	L 200 x W 4,8
846 - 5	L 103 x W 4,8
846 - 6	L 200 x W 7,6
846 - 7	L 300 x W 7,6

Code 4409



**RUBBER CLAMP**

Ideal for holding fire extinguishers, oxygen cylinders, CO2 tanks and other equipment. Mounts easily with one bolt or screw and with the strap facing any direction. Holds object of 64-191mm diameter and up to 23 kgs.

**CONNECTORS FOR SUZUKI - CHRYSLER ENGINES**



**Code 863**  
CONNECTOR  
FOR FUEL  
TANK - MALE



**Code 861**  
CONNECTOR  
FOR FUEL  
TANK - FEMALE  
Ø 9,2 mm



**Code 859**  
MALE CONNECTOR



**Code 860**  
ENGINE  
CONNECTOR  
FEMALE  
Ø 7,8 mm

**CONNECTORS FOR TOHATSU - SELVA - NISSAN ENGINES**



**Code 821**  
FEMALE  
CONNECTOR  
SELVA  
Ø 8mm



**Code 822**  
MALE  
CONNECTOR  
SELVA  
Ø 8mm

**CONNECTORS FOR HONDA ENGINES**



**Code 863**  
CONNECTOR  
FOR FUEL  
TANK - MALE



**Code 861**  
CONNECTOR  
FOR FUEL  
TANK - FEMALE  
Ø 9,2 mm



**Code 824**  
FEMALE  
CONNECTOR  
HONDA F-LS  
Ø 8 mm



**Code 825**  
MALE CONNECTOR  
HONDA L-LM



**Code 978**  
FEMALE CONNECTOR FOR  
HONDA ENGINES  
Ø 9,8 mm

**CONNECTORS FOR OMC - JOHNSON - EVINRUDE ENGINES**



**Code 848**  
CONNECTOR  
FOR FUEL  
TANK - MALE



**Code 849**  
FEMALE  
CONNECTOR  
Ø 10 mm

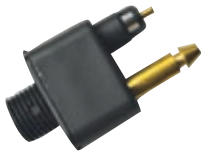


**Code 850**  
ENGINE  
CONNECTOR  
MALE WITH  
VALVE  
Ø 7 mm



**Code 862-1**  
CONNECTOR FOR  
FUEL TANK - MALE  
Solid machined brass

**CONNECTORS FOR YAMAHA - MARINER - MERCURY - SAIL I - PARSUN ENGINES**



**Code 852**  
CONNECTOR  
FOR FUEL  
TANK - MALE



**Code 853**  
FEMALE  
CONNECTOR  
Ø 10,8 mm



**Code 854**  
ENGINE  
CONNECTOR  
MALE  
Ø 8,5 mm



**Code 862-2**  
CONNECTOR FOR  
FUEL TANK - MALE  
Solid machined brass

**CONNECTORS FOR MARINER - MERCURY ENGINES**



**Code 855**  
MALE  
CONNECTOR  
Ø 8mm



**Code 856**  
FEMALE  
CONNECTOR  
Ø 9,8mm



**Code 812**  
CONNECTOR  
FOR FUEL TANK  
FEMALE  
Ø 10,8mm



**CONNECTOR  
FOR FUEL TANK MALE**

Code	Type
815	Metal threaded



**Code 816**  
MALE  
CONNECTOR  
Ø 9,2mm



**BRASS FITTINGS**

Code	Internal Tube Diam. mm
3846-1	6,35
3846-2	7,9
3846-3	10



**BRASS FITTINGS**

Code	Thread mm	Internal Tube Diam. mm
3847-1		6,35
3847-2	1/4" NPT	7,9
3847-3		10



**BRASS FITTING**

Code	NPT hose barb mm	Internal Tube Diam. mm
3849	1/4" NPT	6,35



**BRASS FITTING «T» TYPE**

It is combined with codes 3847\* and 3849.

Code	NPT hose barb mm
3848	1/4" NPT



**CHROMED BRASS VALVE CONNECTOR**

Code	Internal tube Ø mm
864	10



**BRASS VALVES FOR TANKS**

Code	Type	Diameter mm
868 - 2	3 WAY	6,35
868 - 3	4 WAY	6,35



**FUNNEL WITH FILTER**

Code	Ø Upper part mm	Ø Lower part mm	Height mm
875	180	20	250



**NEW**

**PLASTIC FUNNEL**

Code	Funnel diameter mm	Overall Length mm	Neck diameter mm	Neck Length mm
603-1	145	370	15	240



**FUNNEL WITH DOUBLE FILTER/ WATER-FUEL SEPARATOR**  
Made in USA.

Code	Height cm	Diameter cm	Flow Rate lt/min
3632 - 21	25,4	21,6	33,4



**Code 603 FUNNEL ANTIRROLING FOR ENGINE**

It is a set of 2 pieces. The funnel and an extension with thread.



**FUNNEL WITH FILTER/WATER FUEL SEPARATOR** Made in USA.

Code	Height cm	Diameter cm	Flow Rate lt/min
3620 - 09	15,24	8,9	10,2
3620 - 13	22,86	14	14,7
3620 - 20	25,4	21,6	19

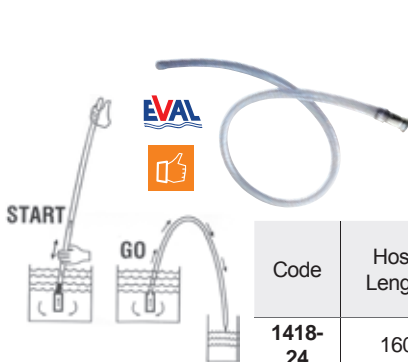


**Code 872 FLEXIBLE FUNNEL WITH FILTER**  
Ø 210 mm.



**BRASS OIL PUMP**

Code	Dimensions mm
1424	L 200



START

GO



Code	Hose Length	Diameter of metallic edge mm	Hose diameter mm	
			Internal Ø	External Ø
1418-24	160	30	20	25

**PLASTIC HANDY PUMP WITH HOSE**

Suitable for transferring fuel, water and various liquids.



**NEW**

**PLASTIC OIL CHANGE PUMP**

The body is made of PE and the handle of ABS. The metal parts are made of regular carbon steel.

Code	Volume	Length
2399	0,8 lt	340 mm



**MANUAL OIL & FLUID EXTRACTOR PUMP 6,5Ltr**  
 The oil extractor can be used both on boat, in the car etc. The oil extracted is stored in the pump. Extraction tube kit, 1/4" extension tube, 5/16" extension tube are included.



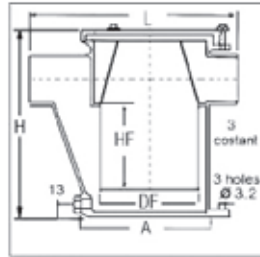
Code	Capacity cm
3790	6,5 lt

**WATER FILTER**

Suitable for engine cooling system, to be fitted onto the motor's water intake. It is fully made of stainless steel 316 with easy inspection thanks to the tempered glass checking cover. It is made in accordance to R.I.N.A. standards.



NEW



Code	Outlet mm	Dimensions mm					
		A	B	DF	HF	H	
3343-1	3/4"	180	123	96	86	70	142
3343-2	1"	180	123	96	86	70	142
3343-3	1-1/4"	200	143	147	105	100	200
3343-4	1-1/2"	200	143	147	105	100	200
3343-5	2"	200	160	155	125	115	220

**WATER FILTER WITH TRANSPARENT PLASTIC COVER**

It is a 90° filter with 2 input/output for use in areas with lack of space. There is internal net.



Code	Diameter of input mm	Weight Kg
3612	25,4	3,2

**COOLING WATER STRAINER**

Made of polypropylene with acrylic clear cap and polypropylene inner mesh.



Diameter for Hose mm	
3608	19
3608-38	38

**FUEL FILTER**

Code	For Tube Diam mm
4234	6 - 8

**FUEL FILTER**

Code	For Tube Diam mm
4233	9,5

**FUEL FILTER**

Code	For Tube Diam mm
3600	7

**IN-LINE STRAINER**

Made of plastic with stainless steel large mesh filter.



Code	Diameter for Hose mm
3606	19

**Code 3601-2 SPARE METAL CONNECTOR**  
 For code 3601. L 38mm x Φ 10mm



**FILTER AND WATER/GASOLINE SEPARATOR**

Transparent. Diminishes the danger of fire and improves the performance of the engine saving from 5-10% of the fuel. For hose 8mm diameter.



Code	Flow l/h
3603	50 - 400

Code of spare filter
3603 - 1

**Code 3601 FILTER AND WATER/GASOLINE SEPARATOR**

Suitable mostly for engines more than 15HP. For hose 10mm diameter.



Code of spare filter
3601 - 1

**Code 3602 FILTER AND WATER/GASOLINE SEPARATOR**  
 For engines up to 15HP. For hose 8mm diameter.



MOTOR EQUIPMENT



**FILTER AND WATER / GAZOLINE SEPARATOR WITH ALARM**

Code	Dimensions mm	Flow lt/h
<b>3605 - 1</b>	180 x 90	50 - 150

Code of spare filter	Code of spare cup	Code of spare indicator	Code of Spare sealing set
<b>3605 - 2</b>	<b>3605 - 3</b>	<b>3605 - 4</b>	<b>3605 - 5</b>



**FILTER AND WATER / GAZOLINE SEPARATOR**

Code	Dimensions mm	Flow lt/h	Code of spare filter	Code of spare cup
<b>3605</b>	180 x 90	50 - 150	<b>3605 - 2</b>	<b>3605 - 3</b>

MOTOR EQUIPMENT



**Code 1884  
SPARE FILTER FOR  
CODES 1836-1, 1866-  
1, 1836-2, 1866-2**



**Code 1836-2  
FILTER WATER-GASOLINE  
SEPARATOR WITH REUS-  
ABLE SEE-THROUGH  
BOWL KIT**  
Water separator of anodized aluminum. Reusable see-through bowl for 10 Micron filter. Connectors suitable for Mercury/Yamaha outboards.

Code of Spare Cup with Filter  
**1866 - 2**



**Code 1836-1  
FILTER WATER-GASOLINE SEPARATOR WITH  
REUSABLE SEE-THROUGH BOWL KIT**  
Water separator of anodized aluminum. Reusable see-through bowl for 10 Micron filter. Connectors suitable for Mercury/Yamaha outboards.

Code of Spare Cup with Filter  
**1866 - 1**



**Code 4361**  
**FILTER WATER – FUEL**  
**SEPARATOR MERCURY TYPE**  
 For hose 10mm diameter.

Code of spare filter

**4361 - 1**



**Code 4362**  
**FILTER WATER – FUEL**  
**SEPARATOR OMC TYPE**  
 For hose 10mm diameter.

Code of spare filter

**4362 - 1**

10 Micron



**Code 4486**  
**FILTER WATER –**  
**GASOLINE SEPARATOR FOR MERCURY**  
**WITH CLEAR BOWL**

Code	Flow lt/h
<b>4486</b>	227

**4486**

227

Code of spare filter	Clear Bowl Only
<b>4486 - 2</b>	<b>4486 - 4</b>

**4486 - 2**

**4486 - 4**



**Code 4486 - 1**  
**FILTER WATER –**  
**GASOLINE SEPARATOR**  
**FOR MERCURY**  
**WITH ALUMINUM BOWL**

Code	Flow lt/h
<b>4486-1</b>	227

**4486-1**

227

Code of spare filter

**4486 - 2**

10 Micron



**Code 4487**  
**FILTER WATER –**  
**GASOLINE SEPARATOR**  
**FOR YAMAHA**  
**WITH CLEAR BOWL**

Code	Flow lt/h
<b>4487</b>	340

**4487**

340

Code of spare filter

**4487 - 2**

10 Micron



**Code 4487 - 1**  
**FILTER WATER – GASO-**  
**LINE**  
**SEPARATOR FOR**  
**YAMAHA**  
**WITH ALUMINUM BOWL**

Code	Flow lt/h
<b>4487-1</b>	340

**4487-1**

340

Code of spare filter

**4487 - 2**

10 Micron



**FILTER**  
**WATER – GASOLINE**  
**SEPARATOR**  
 Replaces RACOR S3227  
 (RAC 320RRAC01)

Code	Flow lt/h
<b>4489</b>	227

**4489**

227

Code of spare filter

**4489 - 1**



**Code 3604**  
**GASOLINE FILTER**  
 With bracket. Suitable for all  
 types of gasoline engines.  
 Dimensions: Ç 176 mm, Ø 105 mm.  
 With built in hose connector.  
 For hose 8mm diameter.

Code of spare filter

**3604 - 1**



**SET OF FILTER**  
**CONNECTORS**  
 suitable for all filter separators

Code	Thread	Intern. Tube Diam.
<b>4486-3</b>	3/8" NPT	10mm

**4486-3**

3/8" NPT

10mm



NEW



**Code 4426**  
**WATER WARNING SYSTEM**

Pre-assembled and ready-to-fit, it is specifically designed to work in synergy with fuel filters. Through a sophisticated, built-in electronic circuit and sensors, diagnosis of water contamination in fuel becomes very simple and accurate. G3 takes after the form of standard water/contaminant concentration bowls, commonly found equipped on marine fuel filters. Equipped with beeper that provides the user with an audio alarm. G3 provides fast and accurate water detection and warning for both diesel and gasoline engines.

The package contains :

- G3 main unit (Concentration bowl with built-in electronic circuit and sensors)
  - Connecting cable 4.30 m (14 ft)
  - Beeper
  - Drain Plug
  - Water drain valve
  - Manual (incl. warranty coupon)
- \*The box does not contain the filter and the filter housing.

Supply voltage	12 or 24 V
Active power consumption	20-30 mA
Operating temperature range	(-20) - (+75) °C
Diesel	yes
Gasoline	yes
Height	7,9 cm
Diameter	9,3 cm
System weight	375 g
Concentration bowl capacity	120 ml
Wiring length	4,3 m

MOTOR EQUIPMENT

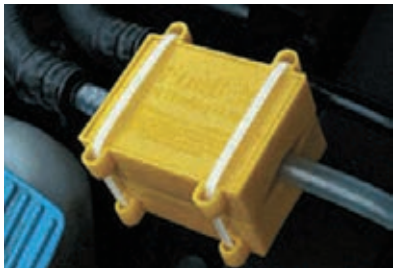


NEW

**Code 1690**  
**PETROLEUM SYSTEM®™© (MPS)**

The Metritron Petroleum System ®™© (MPS) is a fully digital, fuel flow and volume measuring device, with enhanced functions, (Patent Register number PCT GR 2009/000041) for special use in fuels, such as:

- Detection of air in the fuel flow
  - Detection of water in fuel
  - Measurement and reverse measurement (removes fuel volume)
  - Measuring fuel temperature
  - Calculating the volume that fuel has at 15°C
  - Easy, quick and secure installation
  - Fully portable, battery operated system
  - Unobstructed flow of fuel (does not contain movable parts such as helices or other mechanical moving parts)
  - Screen with 32 alphanumeric characters, 2 lines of text in Greek and English (other languages upon request)
  - Ability to transfer data by the use of telematic technology
- MPS®™© is patented worldwide.



NEW

**Code 1686**  
**FUEL SAVING DEVICE Fuel EX**

FuelEx saves up to 30 % of fuels.

This technology allows much better engine combustion. Consequently gives more power, lower emissions and higher mileage / miles with the same quantity and quality of fuel. It is ideal for any type of fuel and provides fuel economy for cars, boats, engines, boilers, heavy machinery, generators, trucks, buses and coaches and any internal combustion engine.

The FuelEX® creates a magnetic field supplied by two superparamagnets that is strong enough to release any fuel hydrocarbons dissolving molecules and thereby increase their energy, when combined with oxygen.

No fear of causing mechanical damage to the engine, since the placement of FuelEXX requires absolutely no intervention on the engine.

- Fuel saving up to 30%
- Automatic engine tuning
- Environment friendly
- Improves up to 20%
- Enhances engine performance
- Reduces carbon monoxide emission
- Cleans engine, carburetor and spark plugs
- Maintenance free
- Suitable for all boats and vehicles
- Easy to install



**NYLON STEERING WHEEL WITH BLACK SPOKES**

Code	Diameter mm
1657	320



NEW



**STAINLESS STEEL STEERING WHEELS WITH SOFT RIM**

Code	Color	Diameter mm
1677 - 32	black	320
1677 - 36	white	360



**STAINLESS STEEL STEERING WHEEL**

Code	Diameter mm
1654 - 32	320



NEW



**STEERING WHEEL WITH THERMOPLASTIC MATERIAL**

Code	Diameter mm
3502-BLACK	280



NEW



**STEERING WHEELS IN THERMOPLASTIC MATERIAL with protection UV**

Code	Diameter mm
3542 - BLACK	350
3542 - WHITE	
3542-GREY	



**Code 3510 STEERING HUB**  
It is necessary for the codes 3542\*, 3503\* και 3502



NEW



**STEERING WHEEL WITH THERMOPLASTIC MATERIAL with protection UV**

Code	Diameter mm
3503-BLACK	350
3503-WHITE	
3503-GREY	



**FOAM STEERING WHEELS**

Code	Diameter mm
1765	310



**ANODISED ALUMINUM FOAM STEERING WHEEL**  
EVAL wheel, of premium quality and competitive price.  
Color silver and black.

Code	Diameter mm
3912	320



**ANODISED ALUMINUM FOAM STEERING WHEEL**  
EVAL wheel, of premium quality and competitive price.  
Color silver and black.

Code	Diameter mm
3913	350



**ANODISED ALUMINUM FOAM STEERING WHEEL**  
EVAL wheel, of premium quality and competitive price.  
Color silver and black.

Code	Diameter mm
3905	310



**ANODISED ALUMINUM FOAM STEERING WHEEL**  
EVAL wheel, of premium quality and competitive price.  
Silver and black.

Code	Diameter mm
3943	350



**ANODISED ALUMINUM FOAM STEERING WHEEL**  
EVAL wheel, of premium quality and competitive price.  
Color silver and black.

Code	Diameter mm
3903	330



**Code 2957 WHEEL HUB KIT**  
Necessary part for the wheels with codes 3903, 3905, 3912, 3913, 3943



**STEERING WHEEL MADE OF ANODISED ALUMINUM, FOAM STEERING WHEEL**  
Silver painted

Code	Diameter mm
3900	355



**STEERING WHEEL FROM POLYURETHANE WITH STAINLESS STEEL SPOKES**

Code	Diameter mm
1572	320



**STEERING WHEELS MADE OF ACACIA WOOD WITH BRASS HUB**

Code	Diameter mm
1656 - 16	406
1656 - 20	508



**STANDING CONSOLE**

With front protection glass, Roll-Bar stainless steel and hatch. Made of fiberglass.

Code	Length x Width cm	Height cm
132 - 1	50 x 42	95 With roll bar 90 Without roll bar



**STANDING OVAL CONSOLE**

With front protection glass, Roll-Bar stainless steel and hatch. Made of fiberglass.

Code	Length x Width cm	Height cm
132 - 2	56 x 66	112 With roll bar 108 Without roll bar



**STANDING CONSOLE**

With front protection glass, Roll-Bar stainless steel and hatch. Made of fiberglass.

Code	Length x Width cm	Height cm
132 - 7	50 x 38	113 With roll bar 110 Without roll bar



**STANDING OVAL CONSOLE**

With front protection glass, Roll-Bar stainless steel and hatch. Made of fiberglass.

Code	Length x Width cm	Height cm
132-10	51 x 49	130 With roll bar 116 Without roll bar



**STANDING OVAL CONSOLE**  
With hatch. Made of fiberglass. The steering wheel is not included.

Code	Dimensions cm with out roll bar
132-9	L35 x W 30 x H 65



**STANDING OVAL CONSOLE**  
With hatch Made of fiberglass. Available with front protection glass and inox roll bar.

Code	Length x Width cm	Height cm
132-12	L35 x W 30	86,5 With roll bar 83,5 Without roll bar



**CONSOLE WITH SEAT**  
With storage space underneath the seat and additional storage space accessed by the hatch. It is equipped with front protection glass and stainless steel roll bar. Made of fiberglass

Code	Length x Width cm	Height cm
132-3	77X56	109 With roll bar 105 Without roll bar

Available spare pillow with code 3568-8



**SQUARE CONSOLE WITH SEAT AND PILLOW**  
With storage space underneath the seat pillow and additional storage space accessed by the hatch. It is equipped with front protection glass and stainless steel roll bar. Made of fiberglass

Code	Length x Width cm	Height cm
132-6	84 x 66	110 With roll bar 103 Without roll bar

Available spare pillow with code 3568-6

\* NOTE: The steering wheel and the electric switch board are not included on the product





**OVAL CONSOLE WITH SEAT AND PILLOW**  
 With storage space accessed by the hatch and inspection plug underneath the seat pillow. It has stainless steel roll bar. Made of fiberglass.

Code	Dimensions cm
132-11	L80 x W 52 x H 93

Available spare pillow with code 3568-7



**CONSOLE WITH JOCKEY SEAT**  
 Made of fiberglass. With storage space under the seat.

Code	Dimensions cm
132 - 8	L 128 x W 47 x H 87



**CONSOLE WITH JOCKEY SEAT**  
 Made of fiberglass. With storage space beneath the seat and a round hatch on the side.

Code	Dimensions cm
132 - 5	L 136 x W 41 x H 90

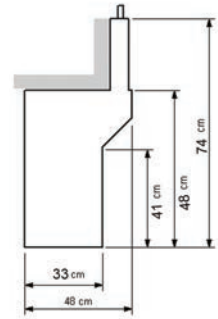
Available spare pillow with code 3568-9



\* NOTE: The steering wheel and the electric switch board are not included on the product

**POLYESTER SEAT WITH BACK & PILLOW**

Comfortable and stylish with storage space. It has pillows, inox grip 60cm length, storage space underneath the seat pillow and at the back of the seat, where a big hatch is fitted. Resistant at the sea conditions thanks to its UV.



Code	Dimensions cm	Color
4874-4	L 86 x Depth 48 x H 82	White with grey pillows

\*Available spare pillow with code 3568-4



**FOLDABLE SEAT-PILLOW for BOAT SEAT**

Resistant and comfortable with reinforced hinges, made of polyurethane foam. It is combined with the boat seat code 4874-3.

Code	Dimensions cm	Color
3568-10	L80 x W 35 x H 48	Grey



MOTOR EQUIPMENT

**PILLOWS FOR POLYESTER SEAT**

Removable pillow consisted of two pieces, made of durable material. Suitable for seat with code 4874-5.

Code	Dimensions back pillow	Dimensions seat pillow	For code
3568-5	L62 x W 15,5	L64 x W 28	4874-5

**POLYESTER SEAT WITH BACK & PILLOW**

Comfortable and stylish with storage space, suitable for limited space. It has pillows, plastic grip, storage space underneath the seat pillow and at the back of the seat, where a hatch is fitted. Resistant at the sea conditions thanks to its UV.



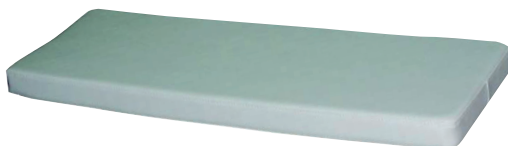
Code	Dimensions cm	Color
4874-5	L 65 x Depth 48 x H 65	White with grey pillows



**BOAT SEAT WITH STORAGE SPACE**

Made of waterproof polyester with special storage space and it can be combined with removable pillow with UV resistant code 3568\*.

Code	Dimensions cm	Color
4874 - 1	L58 x W 38,5 x H 35,5	White
4874 - 2	L100 x W 35 x H 35,5	
4874 - 3	L82 x W 35 x H 35,5	



**PILLOW FOR BOAT SEAT**

Removable pillow with UV resistant for seat with code 4874\*.

Code	For code	Dimensions cm	Color
3568 - 1	4874 - 1	L58 x W 38,5 x H 6	White
3568 - 2	4874 - 2	L100 x W 35 x H 6	
3568 - 3	4874 - 3	L82 x W 35 x H 6	



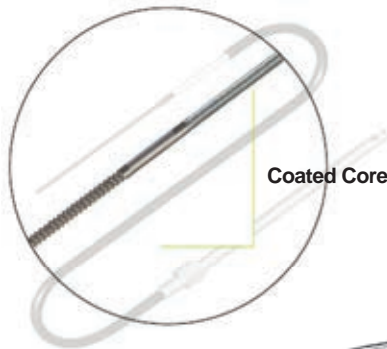
**steerflex**

**MEGA Rotary Steering Cable**

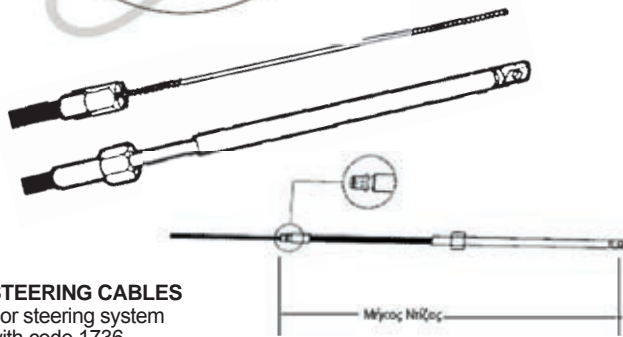
**FEATURES**

Innovative patented core design features unique, two part system, core. Only the travel length of the core is coiled and the rest is nylon coated helical wire.

- Substantially reduced friction
- Improved responsiveness
- Increased durability
- Significantly reduced corrosion



Coated Core



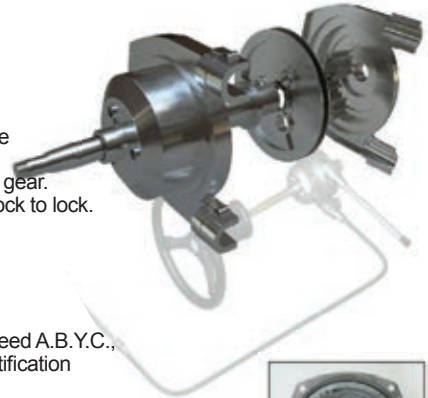
**STEERING CABLES**  
For steering system with code 1736.

Code	Feet	cm
1748 - 06	6	183
1748 - 07	7	213
1748 - 08	8	244
1748 - 09	9	274
1748 - 10	10	305
1748 - 11	11	335
1748 - 12	12	366
1748 - 13	13	396
1748 - 14	14	427
1748 - 15	15	457
1748 - 16	16	488
1748 - 17	17	518

Code	Feet	cm
1748 - 18	18	549
1748 - 20	20	610
1748 - 22	22	671

**STEERING SYSTEMS FEATURES**

- Smoother operation and more durable than conventional rotary helm with single pinion gear.
- 3.8 turning revolutions from lock to lock.
- Standard 3/4" tapered shaft.
- Fast and easy installation with "EZ Clip" feature.
- Compact size.
- Maximum performance.
- Manufactured to meet or exceed A.B.Y.C., N.M.M.A., and IMCI (CE) certification requirements.
- Can generally be used on boats up to 25ft (7,6 m) in length.
- Maximum allowance steering wheel diameter is 16 inches (40,6cm).



**Code 1736**  
**STEERING SYSTEM HEAVY DUTY**  
Suitable for boats up to 8 meters. Can be connected with steering cable code 1748.



**Code 4554**  
**STEERING SYSTEM ZTS**  
ZTS system minimizes torque from the engine. Suitable for boats up to 8 meters. Can be connected with steering cable code 1748.



**Code 4555**  
**TWIN STEERING SYSTEM**  
Suitable for boats up to 8 meters. Can be connected with steering cable code 1748.



**Code 1759**  
**MOUNTING BRACKET FOR STEERING SYSTEM 90°**  
For steering system with code 1736, 3931-1, 4554, 4555.

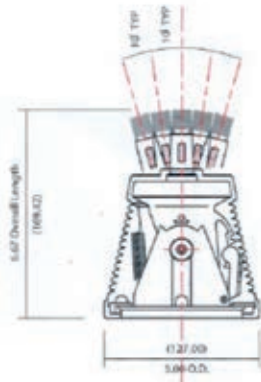


**Code 1752**  
**MOUNTING BRACKET FOR STEERING SYSTEM 20°**  
For steering system with code 1736, 3931-1, 4554, 4555.



**Code 1773**  
**STEERING CABLE ADAPTOR**  
With thread diameter 24mm. It connects the steering cables code 1748\* with bigger engines.

MOTOR EQUIPMENT



**TILT MECHANISM**

For the adjustment of the wheel position. 5 tilt positions within 40 degree range. Cable travel 228 mm. 3 turns lock to lock. Maximum wheel size: 406 mm diameter. Connects with steering systems with code 3931-1 and 3931-2.



**Code 1685**  
**NUT - RONDELLE - VO-**  
**LAN**



**Code 3931-1**

**STEERING SYSTEM**

Suitable for boats up to 8 meters. Can be connected with steering cable code 1748. Cable travel 228 mm. 3,8 turns lock to lock. Maximum wheel size: 406 mm diameter. Connects with the Tilt mechanism with code 3929.



**TILT MECHANISM**  
**BOOT**  
**(FOR CODE 3929)**



**Code 1723**

**STEERING SYSTEM**

Suitable for boats up to 5 meters. Can be connected with steering cable code 1730. Lock to lock steering wheel turns: approx. 2,5. Stroke: 230mm. Maximum allowable steering wheel diameter: 380 mm.

Code	Dimensions mm
<b>3929</b>	H 169 x L 127 x W 127

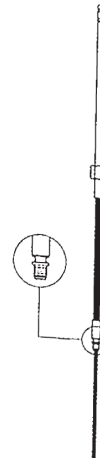
Code
<b>3930 - BLACK</b>
<b>3930 - WHITE</b>

steerflex

**STEERING CABLES**

For steering system with code 1723.

Code	Feet	Cm
<b>1730 - 07</b>	7	213
<b>1730 - 08</b>	8	244
<b>1730 - 09</b>	9	274
<b>1730 - 10</b>	10	305
<b>1730 - 11</b>	11	335
<b>1730 - 12</b>	12	366
<b>1730 - 13</b>	13	396
<b>1730 - 14</b>	14	427
<b>1730 - 15</b>	15	457
<b>1730 - 16</b>	16	488
<b>1730 - 17</b>	17	518



Teleflex MARINE



**Code 1737**

**HEAVY DUTY STEERING SYSTEM**

Suitable for outboard engines up to 200 hp. Can be connected with steering cable code 1740. Lock to lock steering wheel turns: approx. 3. Stroke: 228 mm. Maximum allowable steering wheel diameter: 406 mm.



**Code 1738**  
**MOUNTING**  
**BRACKET FOR**  
**STEERING SYS-**  
**TEM 90°**

For steering system with code 1737.



**Code 1739**  
**MOUNTING**  
**BRACKET FOR**  
**STEERING**  
**SYSTEM 20°**

For steering system with code 1737.

NEW



**Code 1737-1**

**HEAVY DUTY STEERING SYSTEM**

Heavy duty steering system, easy to connect Suitable for boats up to 9 meters and up to 200HP for single engine application. Can be connected with steering cable code 1740. Lock to lock steering wheel turns: approx. 4. Maximum allowable steering wheel diameter : 400 mm. Standard 3/4" tapered shaft of galvanized steel



NEW

**Code 1739-1**  
**MOUNTING BRACK-**  
**ET FOR STEERING**  
**SYSTEM 20°**

For steering system with code 1737-1.



NEW

**Code 1738-1**  
**MOUNTING BRACK-**  
**ET FOR STEERING**  
**SYSTEM 90°**

For steering system with code 1737-1.

**STEERING CABLES**

For heavy duty steering system with code, 1737. They are also compatible with UFLEX steering systems.

Code	Feet	cm
<b>1740 - 08</b>	8	244
<b>1740 - 09</b>	9	274
<b>1740 - 10</b>	10	305
<b>1740 - 11</b>	11	335
<b>1740 - 12</b>	12	366
<b>1740 - 13</b>	13	396
<b>1740 - 14</b>	14	427
<b>1740 - 15</b>	15	457
<b>1740 - 16</b>	16	488
<b>1740 - 18</b>	18	549
<b>1740 - 20</b>	20	579



steerflex



**Code 3457**  
**CONVERSION FOR HEAVY**  
**DUTY STEERING CABLES**

For code 1737. It connects the thread of the steering system code 1737 with the cables code 1740\*



**Code 1751**  
**KIT FOR STEERING CA-**  
**BLE CONNECTION WITH**  
**OUTBOARD MOTOR**



**Code 1750**  
**KIT FOR STEERING CABLE CONNECTION WITH BALL JOINT FOR OUTBOARD MOTOR**  
 It is combined with code 3175.



**Code 3175**  
**STAINLESS STEEL TRACK ROD**  
 For two engines.  
 Opening max: 62 cm



**Code 1153**  
**TILLER ARM**  
 For engines OMC, JOHNSON, EVINRUDE.



**Code 3916**  
**STEERING CABLE SUPPORTING SHORT BRACKET**  
 Available spare tube with code 1749-1.



**Code 1152**  
**SPLASHWELL MOUNTING FOR STEERING CABLE**  
 Also available spare tube code 1749-1.



**Code 1749**  
**STEERING CABLE SUPPORTING BRACKET ON THE MIRROR FOR THE CONNECTION WITH THE ENGINE**  
 Also available spare tube code 1749-1.



**Code 1749 - 1**  
**SUPPORT TUBE**  
 Length 290 mm.

**STAINLESS STEEL PEDESTAL**  
 Pedestal steering system with lateral plate and aluminum foot. Helm, steering wheel and cables are not included.

Code	Dimensions cm
4932	H 85 x L 29 x W 39



**HYDRAULIC STEERING SYSTEMS OF THE COMPANY MAVIMARE & MANCINI**

The hydraulic steering systems of the Italian company MAVIMARE & MANCINI are an effective combination of excellent craftsmanship and innovative technology ensuring optimum performance under all conditions. The quality of materials is undoubtedly superior, all pieces are made of corrosion-resistant material to ensure long life and reliability.



**Code 1732 - 1**

**HYDRAULIC STEERING SYSTEM FOR OUTBOARD ENGINES UP TO 300 HP**

Kit composed of: hydraulic pump, cylinder, 2 bottles of hydraulic oil and 2 pipes, 7 m each that can be cut to the desired size. Available Oring seal kit for the cylinder. Suitable for engines 300HP with reverse turning propellers.

Code	Cylinder			Pump			
	Capacity cm <sup>3</sup>	Stroke mm	Ø mm	Number of pistons	Max Pressure bar	Capacity. cm <sup>3</sup>	Weight Kg
1732-1	130	198	18	7	70	27	3,7



**Code 1732 - 2**

**HYDRAULIC STEERING SYSTEM INBOARD ENGINES FOR BOATS 5,5m UP TO 9,5m**

Kit composed of hydraulic pump, cylinder, 2 lt of hydraulic oil, and 2 pipes of 7,5 meters each that can be cut to the desired size.

Code	Cylinder					Pump			
	Capacity cm <sup>3</sup>	Stroke mm	Max pressure bar	Ø mm	Weight Kg	Number of pistons	Max Pressure bar	Capacity cm <sup>3</sup>	Weight Kg
1732-2	83	150	80	30	3	7	70	27	3,7



**Code 1732 - 3**

**HYDRAULIC STEERING SYSTEM FOR STERDRIVE ENGINES UP TO 300 HP**

Kit composed of: hydraulic pump, cylinder, 2lt of hydraulic oil and 2 pipes 15m each that can be cut to the desired size.

Code	Cylinder			Pump			
	Capacity cm <sup>3</sup>	Stroke mm	Ø mm	Number of pistons	Max Pressure bar	Capacity cm <sup>3</sup>	Weight Kg
1732-3	146	200	15	7	70	32	3,7



**Code 1732-4**

**HYDRAULIC STEERING SYSTEM FOR OUTBOARD ENGINES UP TO 150HP**

Kit composed of: hydraulic pump, cylinder, 2 lt of hydraulic oil and 2 pipes 6 m each that can be cut to the desired size.

Code	Cylinder			Pump			
	Capacity cm <sup>3</sup>	Stroke mm	Ø mm	Number of pistons	Max Pressure bar	Capacity. cm <sup>3</sup>	Weight Kg
1732-4	83	200	16	7	70	17	2,8

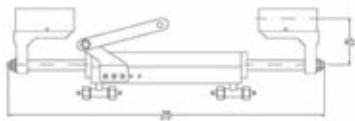




**Code 1735**  
**HOSES AND FITTINGS KIT FOR DOUBLE CYLINDER CONNECTION**  
 Kit composed of 2 pieces of hose 7,5meters, fittings, and 2 lt of oil that can be cut to the desired size



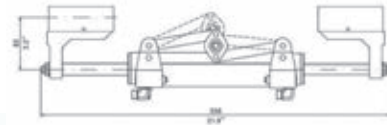
**Code 1741**  
**HOSES AND FITTINGS FOR AUTOPILOT CONNECTION**  
 Kit composed of 2 pieces of 60 cm hoses, 1 piece of 6 meter hose for helm pump-autopilot connection and fittings that can be cut to the desired size.



**NEW**

**HYDRAULIC STEERING SYSTEM'S BALANCED CYLINDER OF FRONTAL MOUNTING**  
 For code 1732-4

Code	Capacity cm <sup>3</sup>	Length mm	Ø Shaft mm	For code
1732-11	83	200	16	1732-4



**NEW**

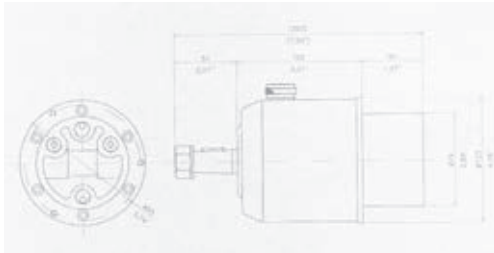
**HYDRAULIC STEERING SYSTEM'S BALANCED CYLINDER OF FRONTAL MOUNTING**  
 For code 1732-1

Code	Capacity cm <sup>3</sup>	Length mm	Ø Shaft mm	For code
1732-13	130	198	18	1732-1

MOTOR EQUIPMENT



**NEW**

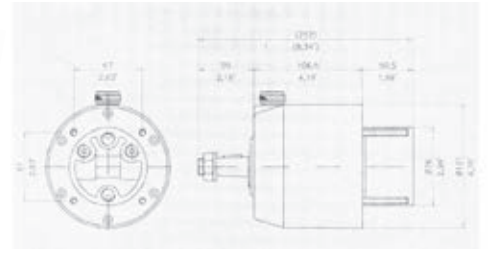


**PUMP FOR HYDRAULIC STEERING SYSTEM 150HP**

Code	Number of pistons	Max Pressure bar	Capacity cm <sup>3</sup>	Weight Kg	For code
1732-16	7	70	17	2,8	1732-4



**NEW**



**PUMP FOR HYDRAULIC STEERING SYSTEM 300HP**

Code	Number of pistons	Max Pressure bar	Capacity cm <sup>3</sup>	Weight Kg	For codes
1732-18	7	70	27	3,7	1732-1 1732-2 1731



**HOSES KIT 1/4 FOR HYDRAULIC STEERING SYSTEM**  
 Suitable for code 1732-4.

Code	Length m	For code
1732-19	4,27 m	1732-4
1732-20	4,88 m	
1732-21	5,49 m	

**NEW**



**HOSES KIT 5/16 FOR HYDRAULIC STEERING SYSTEM**  
 Suitable for codes 1732-1, 1732-2, 1732-3, 1731.

Code	Length m	For codes
1732-22	4,88 m	1732-1
1732-23	5,49 m	1732-2
1732-24	6,10 m	1732-3
1732-25	6,71 m	1731

**NEW**





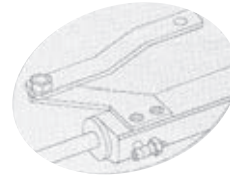
**NEW**

**Code 1732-14**  
**KIT FOR HONDA 115/130 ENGINE**  
 It is necessary for application on Honda 115/130HP engines.  
 For code 1732-1.



**NEW**

**Code 1732-12**  
**KIT FOR YAMAHA 40/50/60 ENGINE AND HONDA 115/130 ENGINE**  
 It is necessary for application on Yamaha 40/50/60HP and Honda 115/130HP engines.  
 For code 1732-4.

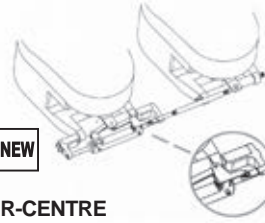


**Code 1732-15**  
**KIT FOR MERCURY OPTIMAX 115HP ENGINE**  
 It is necessary for application on MERCURY OPTIMAX 115HP engines. For code 1732-1.



**NEW**

**Code 1718**  
**TIE BAR KIT FOR CYLINDER-CENTRE ENGINE**  
 The tie bar kit is suitable for connecting 2 engines with one cylinder.



**NEW**

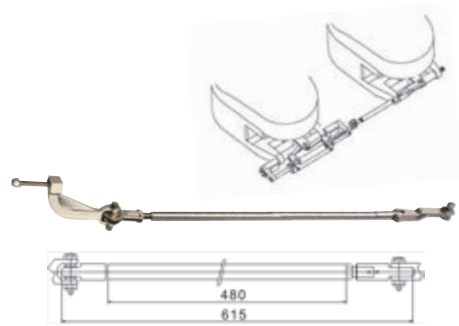
**Code 1791**  
**FULL VENT PLUG**  
 For hydraulic steering systems.



**NEW**

**OIL FOR HYDRAULIC STEERING SYSTEM**  
 Suitable for all steering systems.

Code	Content
1799	1 lt



**Code 1742**  
**TIE BAR FOR TWING OUTBOARD ENGINES**



**NEW**

**DUAL THRU-HULL HOSE KIT**  
 Kit for passing hydraulic tubes.

Code	Dimensions mm
1780	106 x 89



**NEW**

**Code 1760**  
**CONNECTION FILLER TUBE KIT**



**NEW**

**Code 1716**  
**TIE BAR FOR TWIN ENGINE UP TO 300HP**  
 Stainless Steel 316.  
 Length 640 mm – 780 mm



**NEW**

**BULKHEAD KIT FOR DUAL HOSE**  
 Bulkhead kit for dual hose with preassembled fittings.

Code	Dimensions mm
1785	106 x 89

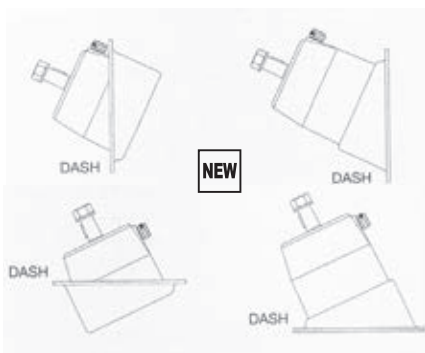
**BULKHEAD STRAIN RELIEF HOSE KIT FOR HYDRAULIC SYSTEMS**



Code	Diameter Flange mm
3621	70



**Code 4504**  
**WIRE STEERING GROMMET (2 SOCKETS) Ø 75 / 105 mm**



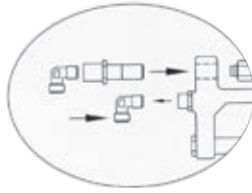
**NEW**

**KIT TO MOUNT THE HELM**  
 Kit designed to mount the helm at 25° angle to the mounting surface.

Code	Type	Dimensions mm
1778-1	Suitable for pumps of hydraulic steering systems 150HP	127 x 141,5
1778-2	Suitable for pumps of hydraulic steering systems 300HP	146 x 172



NEW



**Code 1747**

**KIT FOR CONNECTION TRANSFORMATION**

The kit is used to have frontal hoses connections when clearance between the end of steering cylinder to the motorwell wall is not enough to connect the hoses laterally.



NEW

**HOSES ADAPTOR FITTINGS FOR T FITTINGS OF VERADO ENGINE**

Code	Thread	For VERADO	Type
<b>878-1</b>	M16X1,5	To 9/16-18UNF	Set of 2 pieces
<b>878-2</b>	9/16-24UNF	To 9/16-18UNF	Set of 2 pieces



NEW

**STEERING FITTING – CONNECTOR “T” TYPE**

Code	Thread inch	Diameter mm
<b>866-1</b>	1/4”	10
<b>866-2</b>	3/8”	10



NEW

**STEERING FITTING – CONNECTOR “T” TYPE WITH BLEEDER**

Code	Thread inch	Diameter mm
<b>869</b>	1/4”	10



NEW

**TUBE CONNECTOR MALE**

Code	Thread inch	Diameter mm
<b>876-1</b>	1/8”	8
<b>876-2</b>	1/4”	8
<b>876-3</b>	1/4”	10
<b>876-4</b>	3/8”	10



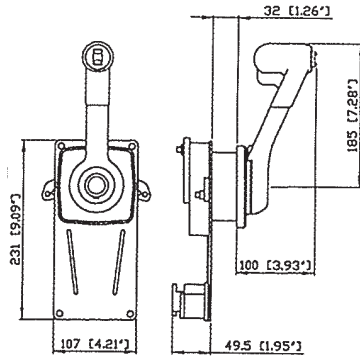
**BRASS FITTINGS FOR HYDRAULIC STEERING SYSTEM**

Code	Ø of hose mm
<b>871-1</b>	6,35
<b>871-2</b>	7,9



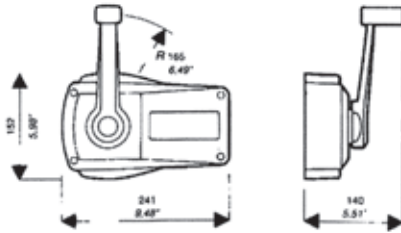
**BRASS FITTING FOR HYDRAULIC STEERING SYSTEM**

Code	Thread mm	For hose diameter mm
<b>870</b>	6,35	10



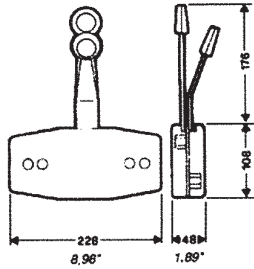
**Code 1672  
LEVER CONTROL**

Single lever control, left or right side mount installation. Suitable for all types of engine. With 'N' (neutral) lock. Pull-out handle disengages shift for warm-up. With power trim switch. Made of anodized aluminium and reinforced plastic. Suitable for types of engine control cables C2, C8, C14 and C5 with KIT 1720.



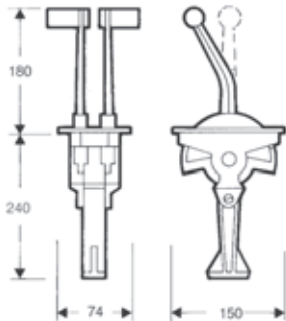
**Code 1671  
LEVER CONTROL**

Single lever control, left or right side mount installation. Suitable for all types of engine. With 'N' (neutral) lock. Pull-out handle disengages shift for warm-up. Made of anodized aluminium and reinforced plastic. Suitable for types of engine control cables C2, C8, C14 and C5 with kit 1720.



**Code 1670  
LEVER CONTROL**

Double lever suitable for small outboard engines, left or right side mount installation. Made of nylon fiberglass with anodized aluminum levers. Suitable for types of engine control cables C2, C8, with KIT 1722 C14 with KIT 1721 C5 without connection KIT.



**NEW Code 1879  
TWO LEVER / SINGLE ACTION LEVER CONTROL**

Lever control made of anodized aluminum and chrome. Suitable for all engines. Two lever / single action control: each lever operates separately either the throttle or shift. It features interlock system to prevent accidental gear engagement. Suitable for mounting on flying bridge. Connected with cables controller C2, C8, C0 and C22 using K22 kit.



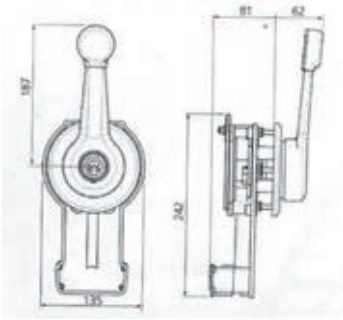
**Code 1720  
KIT TO CONNECT C5  
CABLES TO SINGLE  
LEVER CONTROL BOXES**



**Code 1721  
KIT TO CONNECT C14  
CABLE TO LEVER  
CONTROL BOX 1670**



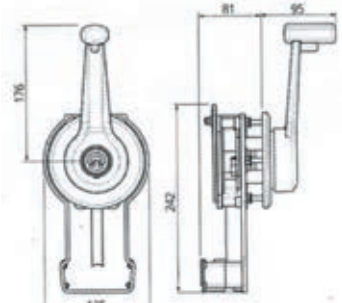
**Code 1722  
KIT TO CONNECT C2, C8  
CABLES TO LEVER  
CONTROL BOX 1670**



Code 1673

**LEVER CONTROL RIVIERA**

Engine control box controls both the inverter and accelerator. Made of innovative material ISEF plastic, resistant both to wear and atmospheric agents. All accessory parts are made of stainless steel. With 'N' (neutral) lock. Pull-out handle disengages shift for warm-up. Suitable for types of engine control cables C2, C8, C14 and C5.



Code 1680

**LEVER CONTROL RIVIERA**

Engine control box controls both the inverter and accelerator. Made of innovative material ISEF plastic, resistant both to wear and atmospheric agents. All accessory parts are made of stainless steel. With 'N' (neutral) lock. Pull-out handle disengages shift for warm-up. Suitable for types of engine control cables C2, C8, C14 and C5.

MOTOR EQUIPMENT



NEW

**Code 1763  
SELECTOR UNIT FOR DUAL STATION APPLICATION**

The selector unit is fitted in dual station installations with single lever control boxes and recommended for maximum efficiency with two lever control boxes. The selector unit assures a smoother operation and permits the independent action of throttle and gear shift controls from either flying bridge and main helm station.

Note : when changing station, throttle must be at minimum and gearshift in neuter position. As an alternative to selector unit installation, in case cable length is not excessive and single lever not used, it is possible to mount in series. Made entirely of corrosion resistant materials and easily mounted.



NEW

**Code 1680-1  
LEVER CONTROL RIVIERA WITH TRIM**  
The same as the lever control with code 1680 equipped with TRIM and fast connector.

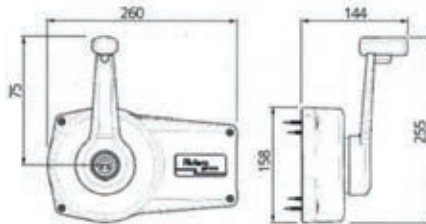
**Code 1605  
SIDE LEVER CONTROL**

Lever control box suitable for all outboard engines. It is connected with engine control cables YAMAHA, SUZUKI, NISSAN, TOHATSU.

- Equipped with :
- Ignitions switch
  - Hand throttle
  - Quick stop
  - Engine trim
  - 10pin YAMAHA



NEW



Code 1681

**LEVER CONTROL RIVIERA**

Engine control box controls both the inverter and accelerator. Made of innovative material ISEF plastic, resistant both to wear and atmospheric agents. All accessory parts are made of stainless steel. With 'N' (neutral) lock. Pull-out handle disengages shift for warm-up. Suitable for types of engine control cables C2, C8, C14 and C5.



NEW

**Code 1681-1  
LEVER CONTROL RIVIERA WITH TRIM**  
The same as the lever control with code 1681 equipped with TRIM and fast connector.



**ELECTRONIC LEVER CONTROL RIVIERA**  
Single or double lever control for one or two engines. Operates both shift and throttle with one handle..

Code	Description
4217 - 1	SINGLE LEVER CONTROL/FOR ONE ENGINE
4217 - 2	DOUBLE LEVER CONTROL/FOR TWO ENGINES



**Code 4218  
CONTROL UNIT BOX**  
For the electronic lever control with code 4217-1 & 4217-2



**Code 1674**  
**LEVER CONTROL PRETECH**  
 Single lever Throttle control for one engine. Suitable for all types of engine. It can be connected with engine control cables C8, C2. Contains connection kit.



**Code 1675**  
**LEVER CONTROL**  
 Double lever control for one engine, Throttle & Clutch. Suitable for all types of engine. It can be connected with engine control cables C8, C2. Contains connection kit.



**Code 3919**  
**LEVER CONTROL PRETECH**  
 Double lever control for two engines. Twin lever Throttle & Throttle. Suitable for all types of engine. It can be connected with engine control cables C8, C2. Contains connection kit.



**Code 3918**  
**LEVER CONTROL PRETECH**  
 Double lever control for two engines. Twin lever Clutch & Clutch. Suitable for all types of engine. It can be connected with engine control cables C8, C2. Contains connection kit.



3917 - 1      3917 - 2

**LEVER CONTROL PRETECH**  
 Single or double lever control for one or two engines. Operates both Clutch and Throttle with one handle. Can be mounted left or right handed. Suitable for all types of engine. With "N" (neutral) lock. It can be connected with engine control cables C8, C2. Contains connection kit.

Code	Description
3917 - 1	SINGLE LEVER CONTROL / FOR ONE ENGINE
3917 - 2	DOUBLE LEVER CONTROL / FOR TWO ENGINES

MOTOR EQUIPMENT



**Code 3920**  
**SINGLE CONTROL LEVER**  
 Throttle control. Made of chromed brass.



**Code 3920-2**  
**DOUBLE CONTROL LEVEL**  
 Throttle and Clutch control. Made of chromed brass.



**Code 1674-1**  
**LEVER CONTROL**  
 Single control top mount BCP for inboard engine. Operates clutch only.



2901



2902

2903

2905

2904

**SECURITY STOP KEY WITH SPIRAL STRING/ QUICK STOP**

Code	Motor
2901	MARINER MERCURY
2902	MARINER SUZUKI
2903	TOHATSU
2904	HONDA-OMC
2905	YAMAHA-SAIL - PARSUN
2906	PARSUN



NEW

**Code 2925**  
**QUICK STOP**  
 Includes 10 KEYS that fit all Johnson, Evinrude, Mercury, Yamaha and Honda kill switches. Swivel snap hook prevents tangles in blister packs.



NEW

**QUICK STOP**  
 Emergency Cut Off Switch with Lanyard and Clip Suitable for fitting on the console or anywhere else.

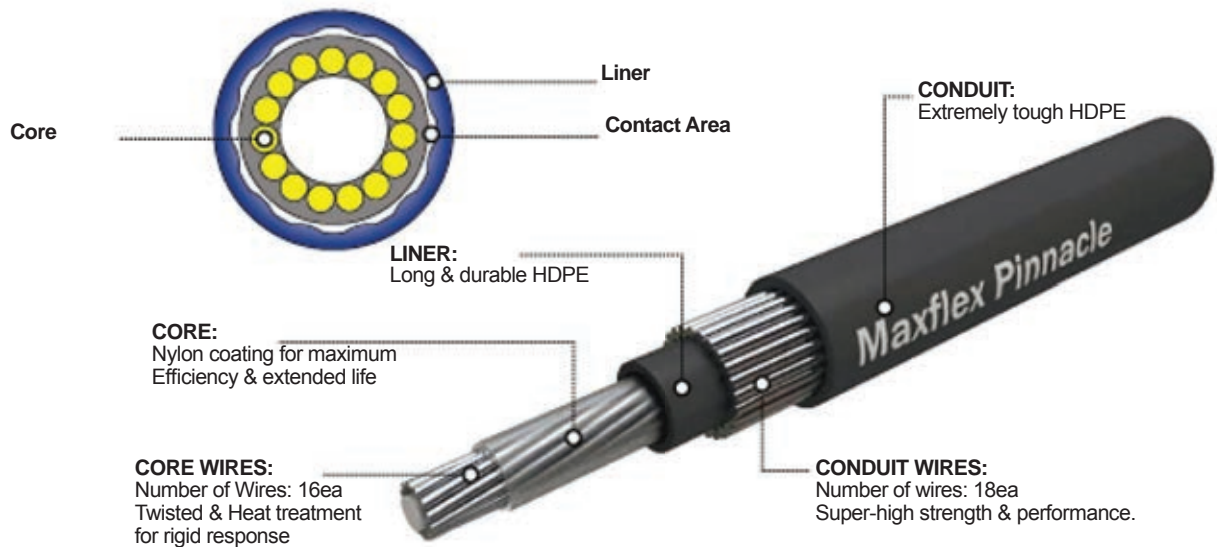
Code	Volt	Amps
2900	12 V	10A

# maxflex CONTROL CABLES

## REVOLUTIONARY NEW TECHNOLOGY RESULTS IN MAXIMUM EFFICIENCY AND REDUCED BACKLASH

Maximized cable efficiency by reducing 50% of the contact area of core-to-liner when minimal input force is applied. Results in lower backlash at all input force by reducing clearance and contact area between core and liner.

MOTOR EQUIPMENT



### FEATURES

- MAXFLEX Control Cable employs the revolutionary design of grooved liner with minimum contact area to core.
- Twisted steel lay wire construction: extremely resistant to high temperature compared to straight lay wire.
- Durable UV resistant HDPE outer casting resistant to salt water, chemicals petrol & oil, and other environmental elements.
- Exceed all marine & industry standards.
- Lifetime lubricated and sealed.



## ENGINE CONTROL CABLES

1696 - 08	8	244
1696 - 09	9	274
1696 - 10	10	305
1696 - 11	11	335
1696 - 12	12	366
1696 - 13	13	396
1696 - 14	14	427
1696 - 15	15	457
1696 - 16	16	488
1696 - 18	18	549
1696 - 20	20	610

C5  
FROM 8 UP TO 20 FEET  
For outboard engines: MERCURY,  
MARINER, MERCUISER



1709 - 05	5	152
1709 - 06	6	183
1709 - 08	8	244
1709 - 09	9	274
1709 - 10	10	305
1709 - 11	11	335
1709 - 12	12	366
1709 - 13	13	396
1709 - 14	14	427
1709 - 16	16	488
1709 - 18	18	549
1709 - 20	20	610
1709 - 22	22	671
1709 - 24	24	732

C8  
FROM 8 UP TO 24 FEET  
For all inboard engines.  
For outboard engines: YAMAHA,  
SUZUKI, TOHATSU, HONDA.  
For sterndrive engines VOLVO.



1683 - 08	8	244
1683 - 09	9	274
1683 - 10	10	305
1683 - 11	11	335
1683 - 12	12	366
1683 - 13	13	396
1683 - 14	14	427
1683 - 15	15	457
1683 - 16	16	488
1683 - 18	18	549

C14  
FROM 8 UP TO 20 FEET  
For inboard and outboard engines  
(manufactured after 1979):  
OMC, JOHNSON, EVINRUDE.





**Code 3914-1**  
OMC STERNDRIVE  
CABLE ADAPTER



**Code 3914-2**  
JOHNSON/EVINRUDE  
OUTBOARD CABLE  
ADAPTER



**Code 3914-3**  
MERCURY  
OUTBOARD  
CABLE ADAPTER



**Code 3914-4**  
MERCURUISER  
STERNDRIVE  
CABLE ADAPTER



**Code 3915-1**  
MERCURY  
CONTROL  
ADAPTER  
FOR C5 CABLES



**Code 3915-2**  
OMC  
CONTROL  
ADAPTER  
FOR C14 CABLES



**Code 3926**  
STAINLESS  
CABLE HOOK  
CLIP FOR C8  
CONTROL CABLES



**Code 3927**  
BRASS PIVOT  
FOR C8 CABLES



**Code 3928**  
BRASS STOP COLLAR  
FOR C8 CABLES



**Code 3925**  
TERMINAL EYE  
PIVOT FOR  
C8 CABLES



**Code 3922**  
CLEVIS JOINT  
FOR C8 CABLES



**Code 1710**  
BALL JOINT FOR  
ENGINE CONTROL  
CABLES  
For codes 1709,1676.



**Code 3924**  
STAINLESS  
STEEL SHIM



**Code 3923**  
STAINLESS  
STEEL CLAMP  
FOR C8 CABLES



**Code 1743**  
KIT FOR CONTROL  
CABLES  
Suitable for control cables C2 and  
C8 with codes 1676\*and 1709\*





**Code 3879  
PIPE FOR OUTBOARD  
CABLE PASSAGE**  
Flexible, made of reinforced PVC.  
For code 3881, Grey.  
Internal diameter 50 mm  
External Diameter 62 mm  
Available in rolls of 15m.



**PLASTIC FLANGE**  
To join code 3879.  
Ø 56 mm.

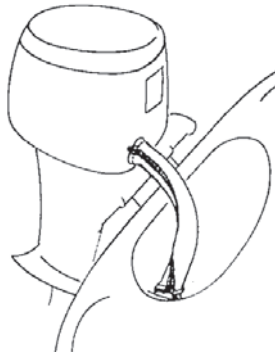


Code	Diameter mm
3881-WHITE	56
3881-BLACK	56



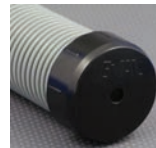
**PROTECTIVE CABLE  
SYSTEM WITH CAP**

Code	Length cm	Diameter mm
1385-100	100	56



**Code 3882  
ZIPPED RIGGING SLEEVE  
FOR OUTBOARD CABLE**  
Length 70 cm, Ø 12 cm.

**Code 3882 - 1  
ZIPPED RIGGING SLEEVE**  
for extra protection of the steering cable. Easy installation.



**Code 1385  
PLUG FOR CABLES'  
PROTECTION HOSE**  
For codes 1385-100 & 3879



**BULKHEAD STRAIN RELIEF HOSE KIT**  
Manufactured in P.V.C. material. It allows an easy replacement of a broken one without detaching cables from the engines. You have to apply the clamps in the dedicated grooves, holding tightly the grommet on the rigid inner core, keeping its natural shape. Supplied with storage packaging.

Code	Dimensions mm
4673	Ø 115 x H135



**STEERING  
GROMMET EVAL**  
For steering cables and wires  
in two colors, white and black.

Code	Height mm	Diameter mm
967 - BLACK	110	65
967 - WHITE		



**Code 4504  
WIRE STEERING GROMMET(2 SOCKETS) Ø 75 / 105 mm**



**ADJUSTABLE STEERING  
GROMMET EVAL**  
With plastic clamp, for steering cables and wires in two colors, grey and black.



**STEERING GROMMET EVAL**  
For steering cables and wires in two colors, white and black.

Code	Height mm	Diameter mm	
		Inside	Outside
3003 - BLACK	70	60	105
3003 - WHITE			

Code	Height mm	Diameter mm
3004 - BLACK	68	105
3004 - WHITE		



**Code 969  
PLASTIC RING**  
Ø 75 / 105 mm.



**FAIRLEAD RING**

Code	Diameter mm
965 - BLACK	58 / 89
965 - WHITE	



**FAIRLEAD RING PLASTIC**

Code	Diameter mm
963 - BLACK	86
963 - WHITE	

**ROLLING BRACKET FOR AUXILIARY OUTBOARD ENGINES**

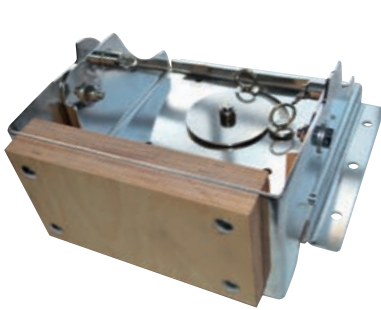
The pipes and all the base metal parts are made of INOX 316. It is equipped with auto safety locks for all positions and fastening belt of the outboard engine for maximum safety. It is equipped with rollers made of Teflon. Suitable for all types of engines up to 15HP and 60Kgr. It facilitates the launching of the outboard engine.

NEW

Code	Dimensions cm	Wooden base cm
2311	L 60,5 x W 28,5 x H 20 cm	13 x 20



MOTOR EQUIPMENT



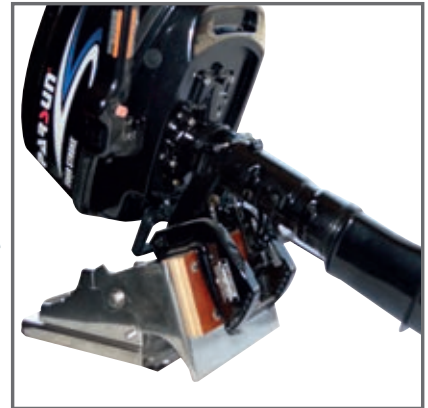
**ROTATING BRACKET FOR AUXILIARY OUTBOARD ENGINES**

INOX 316. Rotating bracket 90° on the boat platform with recovery and auto safety locks. Suitable for all types of engines up to 15HP and 60Kg. Ideal for boat platform. Very durable heavy type construction stainless steel 316.

NEW



Code	Dimensions cm
2309	L 31 cm x W 24 cm x H 14 cm



**BRACKET FOR AUXILIARY OUTBOARD MOTOR**  
Adjustable. Made of anodised aluminium, with wooden surface.

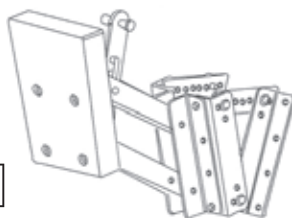
Code	OutBoard Weight kg	Dimensions cm
602	40	L 22 x W 13,5



**BRACKET FOR AUXILIARY OUTBOARD MOTOR**

Adjustable. Made of stainless steel, with wooden surface.

Code	OutBoard Weight kg	Dimensions cm
2310	40	L 14 x W 10,7
3327	60	L 14 x W 14,5



NEW

**Code 4381  
ADJUSTABLE ANGLE BRACKETS**

Very convenient and practical brackets for adjusting the outboards engine brackets in various angles.



**BRACKET FOR AUXILIARY OUTBOARD MOTOR**  
Adjustable. Made of anodised aluminium, with plastic surface.

Code	OutBoard Weight kg	Dimensions cm
4373	40	L 22 x W 13,5



**REINFORCED BRACKET FOR AUXILIARY OUTBOARD MOTOR**  
Adjustable, made of stainless steel. With stainless steel springs and reinforced plastic surface.

Code	OutBoard Weight kg	Dimensions cm
4375	50	L 25,1 x W 13



**BRACKET FOR AUXILIARY OUTBOARD MOTOR**  
Adjustable. Made of stainless steel, with plastic surface.

Code	OutBoard Weight kg	Dimensions cm
3144	40	L 14 x W 10,7
4374	60	L 14 x W 14,5



**BRACKET FOR OUTBOARD MOTOR**  
Made of plastic, with stainless steel pipe. Suitable for rail mounting, perfect for sailing boats.

Code	For tube Diameter mm	OutBoard Weight kg
4372	22 - 25	40



**BRACKETS FOR AUXILIARY OUTBOARD MOTOR**  
Adjustable made of stainless steel. Suitable for mounting on the transom pad.

Code	OutBoard Weight kg	Dimension scm
3064	40	L 23 x W 19,5 x H 26



**BRACKET FOR AUXILIARY OUTBOARD MOTOR**  
Fixed made of stainless steel. Suitable for mounting on the platform.

Code	OutBoard Weight kg	Dimensions cm
607	42	L 25 x W 20,5



**BRACKET FOR AUXILIARY OUTBOARD MOTOR**  
Made of stainless steel, with wooden surface.

Code	OutBoard Weight kg	Dimensions cm
606	40	L 26,5 x W 15



**SAFETY INOX CABLE FOR AUXILIARY OUTBOARD MOTOR BRACKETS**  
With stainless steel snap hooks.

Code	Length cm
4376	60



**FIXED ALUMINIUM OUTBOARD MOTOR EXTENSION HANDLE**  
It is made of anodised aluminum tube Ø25mm

Code	Length cm
647	60



**ADJUSTABLE ALUMINIUM OUTBOARD MOTOR EXTENSION HANDLE**  
It is made of anodised aluminum tube Ø30mm and Ø25mm

Code	Length cm
646	82,5 - 135



**ALUMINIUM OUTBOARD EXTENTION HANDLE WITH SWIVEL LOCK**  
Lightweight, with stainless steel hardware. Can be used as a straight steering unit or swivel while trolling.

Code	Length cm
4390	76 - 119



**Code 903 PLASTIC MECHANISM OF MOTOR EXTENSION HANDLE**  
It fits with tube Ø25mm



**Code 1144 - 30 PADLOCK FOR CODE 2275-2276.**



**Code 1144 - 1 PADLOCK FOR CODE 2277.**



3329 - 1  
3329 - 2



3329 - 3

**“POWERLOCKS” FOR OUTBOARD ENGINES LOCK**  
Heavy duty, made of stainless steel. With clamp screws.

Code	Type cm
3329 - 1	Up to 10 Hp
3329 - 2	10 - 30 Hp
3329 - 3	Up to 30 Hp



**OUTBOARD ENGINE LOCK**  
Stainless steel.

Code	Dimensions cm
2275	L 24,5 x W 3,5
2276	L 32,5 x W 3,5



**OUTBOARD ENGINE LOCK**  
Stainless steel. Suitable for all engines.

Code	Dimensions cm
2277	L 32,5 x Ø 4cm

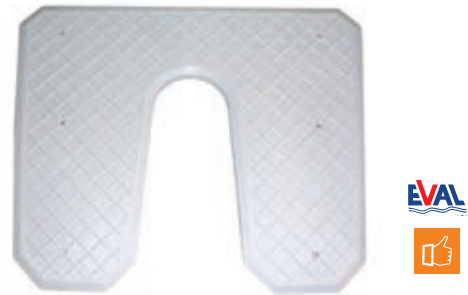
**EVAL OUTBOARD TRANSOM PADS**

EVAL Outboard Transom Pads are made of rigid, UV stabilized, polypropylene with a new non-slip surface for secure engine mounting. By mounting EVAL Outboard Transom Pads to a transom it is achieved a better protection against outboard clamp damage and also the observation of engine's vibration. The new EVAL Outboard Transom Pads are suitable for all type of boats, with big or small transom, while one of them is "inclined". They are available in white color.



**OUTBOARD TRANSOME PAD (INCLINED)**

Code	Thickness mm	Dimensions mm
3154	5 / 20	L 445 x W 363



**OUTBOARD TRANSOME PAD**

Code	Thickness mm	Dimensions mm
3155	6	L 445 x W 363



**OUTBOARD TRANSOME PAD**

Code	Thickness mm	Dimensions mm
3156	6	L 316 x W 212



**OUTBOARD TRANSOME PAD**

Code	Thickness mm	Dimensions mm
3157 - 1	5	L 270 x W 100
3157 - 2	5	L 227 x W 87



**OUTBOARD TRANSOM PAD**  
Outboard transom pad, made of reinforced plastic with very high elasticity. Suitable for protecting the boat transom when mounting the outboard engine

Code	Thickness mm	Dimensions mm
3863	5	L 400 x W 280



**ALUMINUM OUTBOARD TRANSOME PAD**

Code	Dimensions mm
608 - 1	L 300 x W 95



**PLASTIC TRANSOME PAD FOR OUTBOARD ENGINES**

Code	Thickness mm	Dimensions mm
2199-34	7	L1 192 x L2 265 x W 175



**ANODISED ALUMINUM OUTBOARD TRANSOME PAD**

Code	Dimensions cm
4636	A 38,1 x B 5,08 x C 33,02



**MOTOR WASHER FOR ENGINES**

Code	Length cm
776 - 30	30
776 - 34	34



**Code 798**

**MOTOR WASHER FOR OUTBOARD MOTORS, PROFESSIONAL**



**Code 2942**

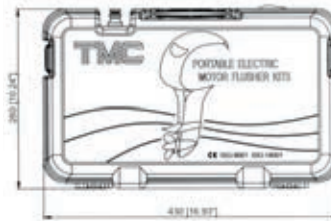
**RECTANGULAR MOTOR WASHER FOR ENGINES**



**Code 3911**

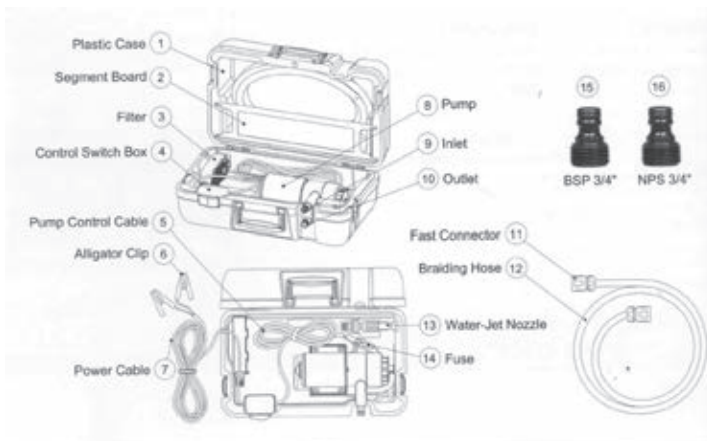
**RECTANGULAR MOTOR WASHER FOR OUTBOARD MOTORS, PROFESSIONAL**

MOTOR EQUIPMENT



**PORTABLE ELECTRIC OUTBOARD MOTOR FLUSHER**

Provides maximum water flow , allowing to flush away sand , dirt , silt and alkali quickly and effectively with a hose to prevent clogging and corrosion. Portable feature makes the engine flush easy, no confinement for space or water supply.



Code	Flow Rate lt/min	Supply	Connection Ø / mm	Delivery Head m
4545	25	12 V	19.05	10

Code 3334

**FOLDABLE OUTBOARD ENGINE TROLLEY**

Ergonomic design. Easy to move and store. Weighs less than 6 kg and can carry outboards up to 15hp.

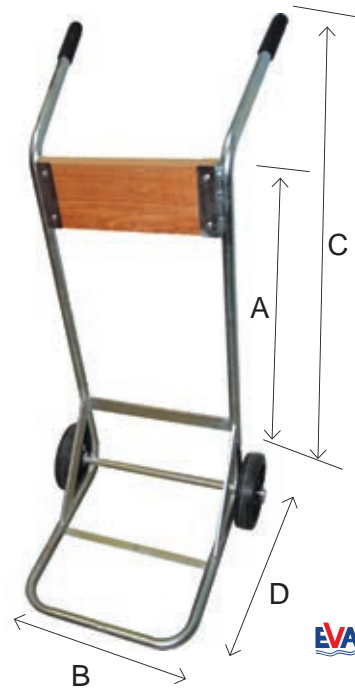


MOTOR EQUIPMENT



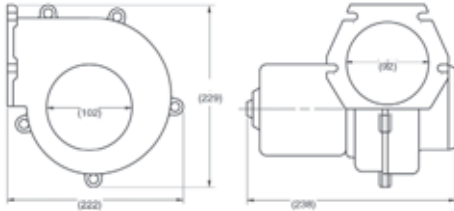
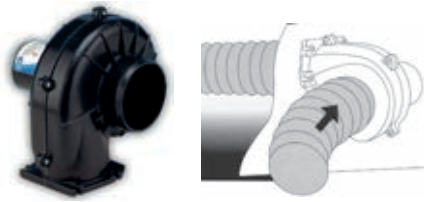
**Code 595**  
**FOLDING ENGINE TROLLEY**  
**FOR ENGINES UP TO 60 KG**  
 Galvanized.  
 Easy for storage.

Code	Dimensions cm		
	A	B	C
595	96	40	90



**TROLLEY FOR OUTBOARD ENGINES UP TO 60 KG**  
 Galvanized

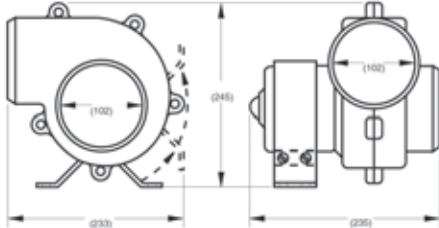
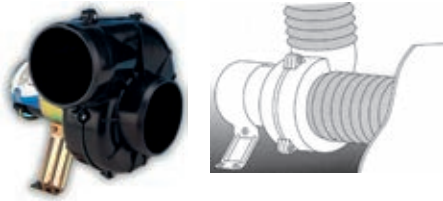
Code	Dimensions cm			
	A	B	C	D
3108	96,5	44	125	58



**HEAVY DUTY FLANGEMOUNT BLOWER**

Heavy duty blower, made of reinforced thermoset plastic and corrosion-resistant materials. It is designed to remove fumes from the engine compartments prior to boat start up and suitable for applications such as commercial or high use engine room ventilation and extraction. It is of a radial design that offers the highest output in more complex installations with longer ducting lengths and/or multiple bends in the ducting. It is generally mounted directly onto a flat bulkhead using a mounting collar to connect to the discharge ducting. ISO 8846 for Ignition Protection, N.M.M.A. Type Accepted complies with ISO 9097 Marine, CE Conforms with EN 5008-1 Meets USCG Electrical Regulations Tough

Code	Air Flow	Volt	Amp	Connection Ø mm	Weight
948	7.1 m3/min	12V	15	100	2,7 Kg



**HEAVY DUTY FLEXMOUNT BLOWER**

Heavy duty blower, made of reinforced thermoset plastic and corrosion-resistant materials. It is designed to remove fumes from the engine compartments prior to boat start up and suitable for applications such as commercial or high use engine room ventilation and extraction. It is of a radial design that offers the highest output in more complex installations with longer ducting lengths and/or multiple bends in the ducting. It is installed by attaching a mounting collar around the motor (which is supplied with the blower) to any convenient solid surface. With flex mounting for 360° adjustable outlet. ISO 8846 for Ignition Protection, N.M.M.A. Type Accepted complies with ISO 9097 Marine, CE Conforms with EN 5008-1 Meets USCG Electrical Regulations Tough

Code	Air Flow	Volt	Amp	Connection Ø mm	Weight
950	7.1 m3/min	12V	15	100	3,2 Kg

MOTOR EQUIPMENT

**HYDROFOILS**

Suitable for outboard and stern drive motors

- o Reduced fuel consumption
- o Reduced planning time
- o Stops bow rise
- o Reduce cavitation, increase stability

Code 544

UP TO 50 hp



Code 644

**OVER 40 hp**  
The hydrofoil suits to 40HP up to 225HP engine.





**SMART TABS**

SMART TABS incorporate fully automatic features in addition to the rust and corrosion free benefits of molded composite materials. They provide un-equalled performance and durability with no maintenance in fresh or salt water. The system can be specifically tuned to maximize the performance of any power boat, and TRACKING RIBS have been added to improve handling at higher speeds. The patented SMART TABS are a one of a kind trim and stabilizer system that automatically adjusts to the sea conditions, without the need for expensive electric or hydraulic hardware and switches. The system constantly reacts to the water conditions, boat speed, and balance providing a remarkable improvement on any boat.

**Smart Tabs Benefits :**

- Promotes Planing
- Improves Fuel economy
- Reduces Bow Rise
- Fully Automatic and Active
- Corrosion Free Composite Design
- Easy Installation
- Suitable for all types of boats



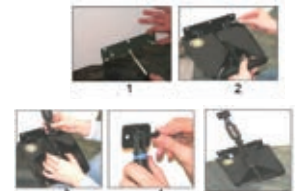
code	Boat length meters	Horse Power HP	Type	Actuator pressure weight kg	(Tab Material)	Trim Plates size cm
1764-1	3,00 – 3,65	8 – 15HP	2-STROKE	9	STAINLESS STEEL 316	17,80 x 20,30
1764-2		20 – 25HP	4-STROKE	13	STAINLESS STEEL 316	
1761-1	4,00 - 4,50	25 - 40HP	2-STROKE	13.60	HIGH QUALITY ABS PLASTIC	24,10 x 25,40
1761-2	3,65 – 4,30	30 – 50HP	4-STROKE	18		
	4,30 – 4,90	40 – 80HP	2-STROKE			
1761-3	4,60 – 5,20+	50 – 100HP	4-STROKE	27		
	4,90 – 5,50+	60 – 150HP	2-STROKE			
1761-4	5,50 – 6,70	150 – 240HP	2-STROKE 4-STROKE	36		
1761-5	6,40 – 7,60	175 - 220HP	2-STROKE	32		
		150 – 190HP	4-STROKE			
1761-6	6,40 – 7,60	4 H 6 CYLINDERS	IN/OUT	41		
		220 – 250HP	2-STROKE			
		200 – 250HP	4-STROKE			
		8 CYLINDERS	IN/OUT			

MOTOR EQUIPMENT



**SPARE GAS ACTUATORS In BLISTER pack.**

Codeç	Description	Type
1808-1	GAS ACTUATOR 41 Kg	Single
1808-2	GAS ACTUATOR 36 Kg	
1808-3	GAS ACTUATOR 31 Kg	
1808-4	GAS ACTUATOR 27 Kg	
1808-5	GAS ACTUATOR 18 Kg	
1808-6	GAS ACTUATOR 13,60 Kg	
1808-7	GAS ACTUATOR 9 Kg	



**Code 1762-1 ELECTRIC TRIM TABS SET**

The electric trim tabs set offers up to 40% more stability and reliability during navigation for boats of 4,5 up to 6 meters. Furthermore much better fuel saving is achieved. Easy installation.

The trim tabs set includes :

- 1 pair of trim tab of single actuator. Size : L310mm x W220mm(12" X 9")
  - 1 Switch panel that controls and adjusts the pair of trim tab. Each trim tab has 6 - position indicator with 6 LED signal-light.
- Size : L 99,5 mm x W 71,5 mm
- 1 Wire harness

**Code 1762-2 MANUAL TRIM TABS SET**

The set of manual trim tabs is a cost-effective solution for small boats. They offer more stability and reliability during navigation for boats of 4,5 up to 6 meters. Furthermore much better fuel saving is achieved and easy installation as no wiring is required. This trim tab can be stretched 60 mm max. Navigation is achieved by manually changing and regulating the Strut according to sea turbulence, the boat loading, the number of passengers etc

The trim tab set includes :

- 1 pair of trim tab with manual adjustable strut and stainless steel pole
- Tab panel with size L305mm x W235mm (12" x 9")



Code	Length cm	Type
4961	Adjustable from 50 cm to 80 cm	Up to 150 HP

**MOTOR SUPPORT BRACKET  
UP TO 150HP**

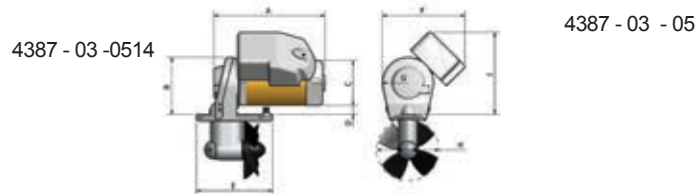
Suitable for lifting the outboard engine when the boat is loaded on a trailer or on a cradle; adjustable universal size, fits any model; the peg support is made of rubber and fitted with mounting straps.



MOTOR EQUIPMENT

**BOW THRUSTERS**

XFORCE Bow Thrusters are presented for the first time in the Greek market. They are characterized by high efficiency and robust construction and they have undergone several laboratory and sea-environment tests. They form a complete system that allows maneuvering for a better handling of the vessel in navigation and mooring. The mechanism is placed alongside the tunnels achieving small system volume while reducing noise and making XFORCE suitable for both large and small vessels. All XFORCE systems are equipped with control units that are not affected by variations in voltage and protect against high temperatures, thus reducing the chances of failure.



Code	Placement	Voltage V	Boat Length m	Power kw/hp	Weight kg	Tunnel Diameter mm	Propellers	Thrust kg	Transmissions
4387-03	Bow	12	11,7	5 / 6,8	16	160	1	60	Belt
4387-05	Bow	12	16,5	6,5 / 8,8	18	185	1	90	Belt

**Dimensions mm**

Code	A	B	B1	B2	C	D	E	F	G	H
4387 - 03	310	150			130	15	192	210	65,5	160
4387 - 05	310	190			130	50	200	210	75	185



**Additional necessary equipment for thruster function:**  
Main Battery Switch, Fuse, Fuse Holder, Tunnel, Touch Panel and 10m Cable, if a Joystick Panel is used.

**Code 4388-02  
BATTERY SWITCH**

**Code 4389-01 , 4389-10  
TUNNEL**

**Code 4388-03  
FUSE HOLDER**

**Code 4388-04  
XFORCE TOUCH PANEL**

Stationary control switch, waterproof after appropriate placement. It can be placed on surfaces that are slightly curved. Available with 10 m cable.

**Code 4388-06  
XFORCE DOUBLE JOYSTICK PANEL**

Double switch joystick controller. It is waterproof, unaffected by ultraviolet radiation and has on / off switch and indicator light operation.

**Code 4388-05  
XFORCE SINGLE JOYSTICK PANEL**

Single switch joystick controller. It is waterproof, unaffected by ultraviolet radiation and has on / off switch and indicator light operation.

Code	Dimensions		"Compatible Thrusters code"
	Diameter mm	Length m	
<b>4389-01</b>	185	1	4387-13, 4387-14, 4387-05, 4387-06
<b>4389-02</b>	185	1.5	4387-13, 4387-14, 4387-05, 4387-06
<b>4389-10</b>	160	1	4387-02, 4387-03, 4387-04
<b>4389-11</b>	160	1.5	4387-02, 4387-03, 4387-04

**ADDITIONAL NECESSARY EQUIPMENT CODES**

Code	Battery Switch	Fuse	Fuse Holder	Tunnel	Panel	Cable
<b>4387 - 03</b>	4388 - 02	4388 - 09	4388 - 03	4389 - 10	Πάνελ 4388 - 04	Διατίθεται ενσωματωμένο
<b>4387 - 05</b>	4388 - 02	4388 - 10	4388 - 03	4389 - 01	Πάνελ 4388 - 04	

**Remarks:**

- 1) All thrusters are equipped with on board wireless main control unit capable of working together with the wireless remote control (code 4388-16).
- 2) Optionally, code 4388-04 (Touch panel) can be replaced by code 4388-05 (Single joystick panel) for thrusters with codes 4387-01-02-03-04-05-06-13-14.
- 3) Optionally, code 4388-05 (Single joystick panel) can be replaced by code 4388-06 (Double joystick panel) for thrusters with codes 4387-07-08-09-10-11, only if the boat is equipped with both bow and stern thruster.
- 4) Optionally, codes 4388-05 and 4388-06 (Single and Double joystick panel) can be replaced by code 4388-16 (Wireless remote control).
- 5) Code 4389-13 (Cable) is necessary for the function of codes 4388-05 and 4388-06 (Single and Double joystick panel).
- 6) The battery cables and polyester, are not included in the XFORCE accessories.



## HIGH PERFORMANCE PROPELLERS

The high performance Turning Point Propellers are available in stainless steel and aluminum for all types and brand engines. Specially designed propeller blades maximize top speed, acceleration and grip on the water. They are consisted of the main propeller and the hub kit. This is a great advantage because for a single engine it is possible to fit more than one propellers of different pitch with the same hub kit. In case of hub kit damage, it can be replaced without replacing the propeller itself.

- Fuel efficient. Low slip designs.
- Fast. New state-of-the-art blade geometry.
- Impressive in handling and edge hold. Advanced pitch & rake line cupping with the latest edge designs.
- Incredible in hole shot performance. The only ventilated aluminum propellers in the market.
- Durable. Unique squeeze casting process produces strongest blades with fine grain and no internal voids.
- Corrosion and impact resistant. Ultra Coat Finish New Five Step Powder Coating Process.
- Lifetime Warranty Hub Kits

## MasterGuard<sup>®</sup> Hub Kit System

The Masterguard Hub System is the most durable and simplest hub system available. Utilizing a triple tapered key and keyway system, the Masterguard Hub leaves no chance for error. This premium hub system adapts to Turning Point's Rascal, Hustler, Express, Speedzone and Classic propeller lines.



High performance aluminum propellers for 90 – 300+ hp, 3-blade, 4-blade, left rotation and right rotation suitable for all water activities.

Hustler are the only aluminum propellers manufactured with performance enhancing vent holes. Incorporating the newest and efficient design features based on high-performance stainless steel propellers, Hustler are unmatched in cornering, acceleration, boat handling, and top speed.



Best value for money stainless steel propellers for 9,9-300+hp, 3-blade, 4-blade left rotation and right rotation.

Express stainless steel boat propellers define what a true high performance stainless prop should be. Express gives maximum overall performance boaters demand from a stainless steel propeller – Fast top end, quick acceleration and great holding ability. The best value of any stainless prop!



## SELECTING THE PROPER PROPELLERS

Selecting the proper propeller, we usually mean choosing the correct pitch. The general rule is that the engine raises the maximum speed with the usual loads on the boat and at full throttle. If unable to catch the limits, then you usually have to lower the pitch, while in the case that exceeds (raises more turns), you must upgrade pitch. However, if you use your boat for different purposes, e.g. for tourism and water sports attraction, and you are very close to the limits of the engine, it is better to have two different pitch propellers, suitable for every occasion. The general rule therefore, in choosing the right pitch propeller, is the engine to raise the maximum speed while having the normal load on board. Regarding the choice of the propeller type depends on the combination of engine - boat and use of the boat.

The impact of selecting the wrong propeller are as follows : when an engine fails to catch limits when operating with extended throttle open, this means that it operates in high torque, which results in "overloading" piston and the crank of the springs. Furthermore, the motor works at higher temperatures with the danger of overheating due to knock the poorest mixture. It is as if trying to start your car uphill with a third speed gear. If the opposite happens, the engine raises more turns than the upper limit and the damage caused will be greater incorporating the risk of breaking some parts and pieces of them to pass to the big cylinders area.

The propeller pitch (Pitch), usually measured in inches (1" = 2.54cm), is the distance traveled by the propeller in the water in a full rotation. For example, a propeller with Step 19" in a complete rotation of the water travels through 48.26cm (19X 2.54). Choosing the right pitch is a combination of the maximum speed (knots) we want to achieve, the relationship of reduction in the engine foot, and the maximum payload speed limit. In the formula below gives this relationship:

$$\text{Pitch} = (\text{Knts}) \times (\text{RR}) \times (1350) / (\text{RPM})$$

wherein:

**Pitch** = the required pitch of the propeller in inches.

**Knts** = the maximum speed you want to achieve in nautical miles per hour.

**RR** = the relative reduction of the engine foot.

**RPM** = the maximum load limit of the engine

For example, if an hypothetical boat requires 135 HP to run at 40 knots the effective limit engine speed, we choose an engine of 140 HP, with a reduction ratio in the engine foot of 2.38 and maximum effective speed limit at 6200 RPM, then the right step is calculated as follows :

$$\text{Pitch} = 40 \times 2.38 \times 1350 / 6200 = 20.73" \text{ or } 21"$$

## Diameter

Propeller diameter is the diameter of the circle forming the blades when rotated. The diameter are relatively indifferent when selecting propeller.

## 3-blade or 4-blade

Briefly a 3-blade propeller offers high speeds, while a 4-blade provides smoother sailing . If we want higher speeds with fewer rotation we mainly use 4-blade propellers.

## Construction Material

The most common propellers are aluminum and stainless steel. The aluminum propellers are the most widely used in motor boats. They are cost effective, while performing well . Stainless steel propellers are five times stronger than aluminum ones. They are much more resistant to corrosion with no power loss.

## How to find your boat propeller: 25 – 75HP Propellers with 3-1/2" gearcase

MOTOR EQUIPMENT

ENGINE BRAND 13 spline PROP shaft	HUB Code	PROPELLER CATEGORY
EVINRUDE® /JOHN- SON®: 4-stroke : 40hp, 50hp  FORCE®: 40hp ('95-'98), 50hp ('95- '98), 70hp ('91-'95), 75hp ( '96-'98)  HONDA®: BF 4-stroke : 35, 40, 45, 50, 60hp, (not P60)	1946 – 11	
MERCURY® & MARINER®: Δίχρονη: 30hp ('94+) / 35, 45, 55 / 40, 50, 60 ('77+) / 70hp ('83-) 4-stroke : 25hp Bigfoot /30hp ( '94-'05) / 40hp to 60hp	1946 – 12	
	1946 - 11	

ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1950-1208	12-1/2 X 8
1950-1210	12 X 10-1/2
1950-1011	10-7/8 X 11
1950-1012	10-3/4 X 12
1950-1013	10-1/2 X 13
1950-1014	10-3/8 X 14
1950-1015	10-1/8 X 15

**1.Engine**

Find your engine manufacturer ,the horse power hp, the model and the date

**2. Hub Kit**

Select from the column HUB code the necessary hub kit for fitting the propeller .

**3.Propeller category**

In the column PROPELLER CATEGORY there are some shapes with or without numbers that give guidance to finding the proper propellers.

**EXPLANATION MARKS**

3-blade



Right Rotation  
(standard)



4-blade



Left rotation



Hub categories for propellers

8 - 20hp with 2-1/2" gearcase	★
9.9 - 35hp with 3" gearcase	▲
25 - 75hp with 3-1/2" gearcase	●
40 - 150hp with 4-1/4" gearcase	◆
90 - 300+hp with 4-3/4" gearcase	■

## 8 – 20HP Aluminum Propellers with 2-1/2" gearcase

ENGINE BRAND – Various spline PROP shaftsT	HUB Cod	PROPELLER CATEGORY
EVINRUDE®/JOHNSON®: (13 spline) <b>2-stroke</b> ('74-'95): 9.9, 15 <b>4-stroke:</b> 8hp ('96+), 9.9hp ('95-'01), 15hp ('95+)	1946 - 202	
EVINRUDE®/JOHNSON®: (10 spline) <b>4-stroke</b> ('02+):9.9,15hp	1946 - 206	
HONDA®: (8 spline) 8hp ('01+) / 9.9, 15, 20hp. Does not fit 8 Classic, pin drive	1946 - 205	
MERCURY® &MARINER®: (8 spline, lock nut) <b>2-stroke</b> : 6hp, 8hp, 9.9hp, 15hp / Sea Pro/Marathon 10hp, 15hp <b>4-stroke</b> : 8hp, 9.9hp ('95-'04), 15hp ('89-'06)	1946 - 201	
MERCURY® &MARINER®: (14 spline shaft by Nissan,cotter pin) <b>4-stroke:</b> Bigfoot ('05+):8hp, 9.9hp <b>4-stroke:</b> ('07+): 15hp	1946 - 207	
NISSAN® & TOHATSU®: (14 spline) <b>2-stroke:</b> 9.9hp ('84-'05), 12hp ('85-'88) / 15 & 18hp ('85-'05) <b>4-stroke</b> : 9.9hp, 15hp, 18hp, 20hp		
PARSUN®: (8 spline ) 9.9hp, 15hp	1946 - 205	
SUZUKI®: (10 spline Type M) DT <b>2-stroke:</b> 9.9 ('83-'87), 15hp, 15C/DF <b>4-stroke</b> : 8A, 9.9A, 9.9, 15 / ('12+): 15A, 20A Does not fit with:DT8C & 9.9C('88-'97)	1946 - 206	
YAMAHA®: (8 spline) <b>2-stroke</b> : 9.9, 15 / <b>4-stroke</b> : 9.9, 15, 15C, 20hp	1946 - 205	




### ALUMINUM PROPELLERS

CODE	DIAMETER X PITCH
1955-0909	9 X 9
1955-0910	9 X 10

MOTOR EQUIPMENT




ENGINE BRAND – 12 spline PROP shaft	HUB Code	PROPELLER CATEGORY
NISSAN® & TOHATSU®: (12 spline) 2-stroke & 4-stroke: 8hp,9.8hp	1946 - 208	
MERCURY® & MARINER®: (12 spline cotter pin) 4-stroke:( '05& newer):8hp, 9.9hp		

### ALUMINUM PROPELLERS

CODE	DIAMETER X PITCH
1956-0909	9 X 9
1956-0910	9 X 10

## 9.9 – 35HP Propellers with 3'' gearcase


MOTOR EQUIPMENT

ENGINE BRAND	HUB Code	PROPELLER CATEGORY
EVINRUDE® /JOHNSON®: (14 spline) 2-stroke: 20, 25 ('84+), 25 commercial ('93-'05), 30 ('84+), 35 ('76-'05) / E-Tec: 25hp, 30hp / H.O.: 15hp	1946 - 22	
FORCE®: (10 spline) 25hp ( '95-'98		
MERCURY® &MARINER®: (10 spline) 2-stroke : 18hp ('80-'85), 20hp ('86& newer ), 25hp ('85& newer ) 4-stroke: Bigfoot: 9.9hp, 15hp	1946 - 21	



ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1947-1011	10-1/2 X 11
1947-1013	10-1/8 X 13


STAINLESS STEEL PROPELLERS	
CODE	DIAMETER X PITCH
1964-1010	10-1/8 X 10
1964-1011	10-1/8 X 11
1964-1012	10-1/8 X 12
1964-1013	10-1/8 X 13
1964-1014	10-1/8 X 14
1964-1015	10-1/8 X 15

ENGINE BRAND	HUB Code	PROPELLER CATEGORY
HONDA® : BF25, BF30	1946 - 28	
MERCURY® &MARI-NER®: <b>4-stroke:</b> ('06 & newer, cotter pin shaft) 25hp , 30hp		
PARSUN®: 20hp, 25hp	1946 - 25	
NISSAN® & TOHATSU®: 2-stroke & 4-stroke: 25hp, 30hp	1946 - 28	
YAMAHA®: 2-stroke : 20hp, 25hp, 30hp 4-stroke : 25hp	1946 - 25	



ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1948-1011	10-3/8 X 11
1948-1013	10-3/8 X 13

STAINLESS STEEL PROPELLERS	
CODE	DIAMETER X PITCH
1969-1010	10-1/8 X 10
1969-1011	10-1/8 X 11
1969-1012	10-1/8 X 12
1969-1013	10-1/8 X 13
1969-1014	10-1/8 X 14
1969-1015	10-1/8 X 15

ENGINE BRAND	HUB Code	PROPELLER CATEGORY
EVINRUDE®/JOHNSON®: 4-stroke : 25hp, 30hp	1946 - 26	
SUZUKI®: DT 2-stroke ('87& newer): 20, 25, 25C, 30, 30C DF 4-stroke : 25hp, 30hp		



ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1957-1011	10-1/2 X 11
1957-1013	10-1/8 X 13

STAINLESS STEEL PROPELLERS	
CODE	DIAMETER X PITCH
1986-1010	10-1/8 X 10
1986-1011	10-1/8 X 11
1986-1012	10-1/8 X 12
1986-1013	10-1/8 X 13
1986-1014	10-1/8 X 14
1986-1015	10-1/8 X 15



25 – 75HP Propellers with 3-1/2" gearcase

ENGINE BRAND 13 spline PROP shaft	HUB Code	PROPELLER CATEGORY
EVINRUDE® /JOHNSON®: 4-stroke : 40hp, 50hp	1946 – 11	1
FORCE®: 40hp ('95-'98), 50hp ('95-'98), 70hp ('91-'95), 75hp ('96-'98)		
HONDA®: BF 4-stroke : 35, 40, 45, 50, 60hp, (not P60)	1946 – 12	
MERCURY® & MARINER®: 2-stroke: 30hp ('94+) / 35, 45, 55 / 40, 50, 60 ('77+) / 70hp ('83-) 4-stroke : 25hp Bigfoot /30hp ('94-'05) / 40hp up to 60hp	1946 - 11	
NISSAN® & TOHATSU®: 40C, 40D, 50D, 50C, 60A, 70A2, 60B, 70B	1946 - 13	
PARSUN®: T30, T35, T36, T40	1946 – 12	
SUZUKI®: DT 2-stroke ('89+): 35C, 40, 50, 50M, 55, 60, 65hp DF 4-stroke : 40hp, 50hp / ('10+): 40A, 50A, 60A	1946 – 11	
YAMAHA®: 2-stroke : 40hp to 55hp 4-stroke : FT25hp High Thrust, 30hp up to 60hp	1946 – 12	



ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1950-1208	12-1/2 X 8
1950-1210	12 X 10-1/2
1950-1011	10-7/8 X 11
1950-1012	10-3/4 X 12
1950-1013	10-1/2 X 13
1950-1014	10-3/8 X 14
1950-1015	10-1/8 X 15

STAINLESS STEEL PROPELLERS	
CODE	DIAMETER X PITCH
1953-1209	12 X 9
1953-1211	12 X 11
1953-1213	12 X 13
1953-1011	10-1/2 X 11
1953-1012	10-1/2 X 12
1953-1013	10-1/2 X 13
1953-1014	10-1/2 X 14
1953-1015	10-1/2 X 15

MOTOR EQUIPMENT

ENGINE BRAND 13 spline PROP shaft	HUB Code	PROPELLER CATEGORY
EVINRUDE® / JOHNSON®: 2 cylinders : 40hp, 48hp/50hp ('75-'05) / 55hp ('76-'79) / 60hp, 65hp ('80-'85) 3 cylinders (with small gearcase): 75hp ('75-'85) Sprint and Formula E ('86-'92)	1946 - 12	2




ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1951-1208	12-1/2 X 8
1951-1210	12 X 10-1/2
1951-1213	12-1/2 X 13
1951-1215	12-1/4 X 15
1951-1117	11-3/4 X 17

STAINLESS STEEL PROPELLERS	
CODE	DIAMETER X PITCH
1954-1209	12 X 9
1954-1211	12 X 11
1954-1213	12 X 13
1954-1113	11-3/4 X 13
1954-1115	11-3/4 X 15
1954-1117	11-3/4 X 17

Nissan/Tohatsu: can't use H1-12xx and E1-12xx.

40 – 150HP Propellers with 4-1/4" gearcase

MOTOR EQUIPMENT

ENGINE BRAND – Various spline PROP shafts	HUB Code	PROPELLER CATEGORY
EVINRUDE® /JOHNSON®: (13 spline shaft ) <b>2 cylinders</b> : 50hp ('71-'74) / 45 to 55hp commercial <b>3 cylinders</b> : 55, 60, 65, 70hp, 75hp with large gearcase, 65hp commercial <b>4 cylinders</b> : 75, 85, 88, 90, 100, 110, 115, 120 ('86-'94), 125, 135 ('73-'76), 140 ('77-'84, '86-'94) / H.O.: 115hp E-TEC: 40, 50, 60, 75hp / 20" shaft: 90, 115hp, 130hp ('09-'10)	1946 - 503	
EVINRUDE® /JOHNSON®: (13 spline shaft ) <b>4-stroke</b> : 60hp, 70hp	1946 - 506	
FORCE® (15 spline shaft ): 75hp ('99) / 90hp up to 150hp ('95& newer)	1946-501	
HONDA® (15 spline shaft): P60 / 75hp, 90hp ('99+) / 115hp, 130hp. (not 115D)	1946-507	
HONDA® (15 spline shaft): P60 / 75hp, 90hp ('99+) / 115hp, 130hp. (όχι 115D)	1946-507	
MERCURY® & MARINER® (15 spline shaft): <b>2-stroke &amp; 4-stroke:</b> 40 up to 60 Bigfoot / 70 ('87-'89) / 75, 80 ('78-'89), 90, 100, 115, 125, 140hp 150 XR4/6 (thru 1993, includes equivalent Mariner Magnum I, II, III.) OptiMax: 75, 90, 115, 125hp	1946-501	
NISSAN® & TOHATSU® (15 spline shaft): 60C, 70C / 90 up to 140hp	1946-505	
OMC® (13 spline shaft): Cobra 400: 2.3 to 3.0L ('78-'89)/Sea Drive: 1.6 to 1.8L	1946-503	
PARSUN® (15 spline shaft): T60, T75, T85, T90	1946-500	
SUZUKI®: (13 spline shaft) DT <b>2-stroke</b> ('89+): 75 up to 140hp DF <b>4-stroke</b> : ('98-'09): 60hp, 70hp	1946-506	
YAMAHA® (15 spline shaft): High Thrust: T50, FT60 <b>2-stroke</b> : 60 up to 100hp <b>4-stroke</b> : 70 up to 100hp	1946-500	
YAMAHA® (15 spline shaft): 2-stroke : 115 up to 130hp 4-stroke : 115hp	1946-505	



ALUMINUM PROPELLERS

CODE	DIAMETER X PITCH
1961-1411	14 X 11
1961-1413	14 X 13
1961-1315	13-3/4 X 15
1961-1317	13-1/4 X 17
1961-1319	13-1/4 X 19
1961-1321	13-1/4 X 21
1961-1323	13-1/4 X 23



ALUMINUM PROPELLERS 4-BLADE


CODE	DIAMETER X PITCH
1925-1315	13-1/2 X 15
1925-1317	13-1/4 X 17
1925-1319	13 X 19



STAINLESS STEEL PROPELLERS

CODE	DIAMETER X PITCH
1966-1411	14 X 11
1966-1413	14 X 13
1966-1315	13-1/4 X 15
1966-1317	13-1/4 X 17
1966-1319	13-1/4 X 19
1966-1321	13-1/4 X 21



ENGINE BRAND 15 spline PROP shaft	HUB Code	PROPELLER CATEGORY
SUZUKI® / JOHNSON®: 4-stroke : ('09+) 70A, 80A, 90A, 70hp, 80hp / ('01+) 90hp, 100hp, 115hp	1946-509	
SUZUKI® / JOHNSON®: DF 4-stroke : 115A, 140hp	1946-501	

STAINLESS STEEL PROPELLER LEFT ROTATION	
CODE	DIAMETER X PITCH
1901-1417	14 X 17
1901-1419	14 X 19
1901-1421	14 X 21
1901-1423	14 X 23

STAINLESS STEEL PROPELLER RIGHT ROTATION	
CODE	DIAMETER X PITCH
1966-1417	14 X 17
1966-1419	14 X 19
1966-1421	14 X 21
1966-1423	14 X 23

90-300+HP Propellers with 4-3/4" gearcase

ENGINE BRAND 15 spline PROP shaft	HUB Code	PROPELLER CATEGORY
EVINRUDE® /JOHNSON®: V4 with V6 large gearcase: 100hp commercial, 120hp ('85), 130hp ('95-'96), 140hp ('85), Pleasure ('95& newer):115hp, 130hp / H.O.: 150, 200, 225, 250hp E-TEC: (25" shaft) 90hp, 115hp, 130hp ( '09-'10) / 135hp to 300hp V6: 135hp to 250hp / V8: 250hp to 300hp	1946 – 502	
HONDA®: BF115D, BF135, BF150, BF200 ('02-'12), BF225 ( '02-'12)	1946 – 507	
HONDA®: BF200A ('13 & after), BF225A ( '13 & newer), BF250A ('12& newer)	1946-508	
MERCURY® & MARINER®*: Note :Does not fit Pro XS. V6: 135 to 300hp Verado: 135 to 275hp. OptiMax: 150, 200, 250hp	1946-501	
MERCUISER®: Alpha One and Bravo One ( '83& newer)		
OMC®: Cobra 800: 3.0 to 7.5L King Cobra: 454, 502 Sea Drive: 2.0 to 4.0L	1946-502	
SUZUKI®: DT <b>2-stroke</b> : 150hp to 225hp	1946-507	
VOLVO® PENTA SX & OMC SXCOBRA: (19 spline) ( '94& newer): 3.0 to 8.2L. Not available for Volvo Duo- Prop or Aquamatic drives.	1946-504	
YAMAHA®: <b>2-stroke &amp; 4-stroke</b> : 150 to 250hp /stern drives 3.0 to 7.4L	1946-505	



ALUMINUM PROPELLERS 4-BLADE LEFT ROTATION	
CODE	DIAMETER X PITCH
1943-1415	15 X 15
1943-1417	14-1/2 X 17
1943-1419	14 X 19
1943-1421	14 X 21

ALUMINUM PROPELLERS 4-BLADE RIGHT ROTATION	
CODE	DIAMETER X PITCH
1942-1415	15 X 15
1942-1417	14-1/2 X 17
1942-1419	14 X 19
1942-1421	14 X 21



ALUMINUM PROPELLERS	
CODE	DIAMETER X PITCH
1960-1515	15-1/4 X 15
1960-1417	14-1/4 X 17
1960-1419	14-1/4 X 19
1960-1421	14-1/4 X 21
1960-1423	14-1/4 X 23

STAINLESS STEEL PROPELLERS 4-BLADE RIGHT ROTATION	
CODE	DIAMETER X PITCH
1965-1415-4	14 X 15
1965-1417-4	14 X 17
1965-1419-4	14 X 19
1965-1421-4	14 X 21
1965-1423-4	14 X 23




STAINLESS STEEL PROPELLERS LEFT ROTATION	
CODE	DIAMETER X PITCH
1965-1415-L	14-1/4 X 15
1965-1417-L	14-1/4 X 17
1965-1419-L	14-1/4 X 19
1965-1421-L	14-1/4 X 21
1965-1423-L	14-1/4 X 23

STAINLESS STEEL PROPELLERS RIGHT ROTATION	
CODE	DIAMETER X PITCH
1965-1415	14-1/4 X 15
1965-1417	14-1/4 X 17
1965-1419	14-1/4 X 19
1965-1421	14-1/4 X 21
1965-1423	14-1/4 X 23

MOTOR EQUIPMENT

135-300+ HP Large Diameter Stainless Steel Propellers with 4-3/4" gearcase

MOTOR EQUIPMENT

ENGINE BRAND 15 spline PROP shaft	HUB Code	PROPELLER CATEGORY
<p>JJOHNSON® : 4-stroke : 200hp, 225hp Note : fits with the propeller code 1970-16** diameter 16"</p>	1946-507	
<p>SUZUKI®: DF 4-stroke : 150 to 300hp Note : fits with the propeller code 1970-16** diameter 16"</p>		



STAINLESS STEEL PROPELLERS RIGHT ROTATION	
CODE	DIAMETER X PITCH
1970-1617	16 X 17
1970-1619	16 X 19
1970-1621	16 X 21
1970-1623	16 X 23



STAINLESS STEEL PROPELLERS LEFT ROTATION	
CODE	DIAMETER X PITCH
1970-1617-L	16 X 17
1970-1619-L	16 X 19
1970-1621-L	16 X 21
1970-1623-L	16 X 23



STAINLESS STEEL PROPELLERS LEFT ROTATION	
CODE	DIAMETER X PITCH
1970-1515-L	15 X 15
1970-1417-L	15 X 17
1970-1419-L	15 X 19
1970-1421-L	15 X 21



STAINLESS STEEL PROPELLERS RIGHT ROTATION	
CODE	DIAMETER X PITCH
1970-1515	15 X 15
1970-1417	15 X 17
1970-1419	15 X 19
1970-1421	15 X 21



STAINLESS STEEL PROPELLERS 4-BLADE LEFT ROTATION	
CODE	DIAMETER X PITCH
1970-1417-4L	14-1/2 X 17
1970-1419-4L	14-1/2 X 19
1970-1421-4L	14-1/2 X 21
1970-1423-4L	14-1/2 X 23
1970-1425-4L	14-1/2 X 25



STAINLESS STEEL PROPELLERS 4-BLADE RIGHT ROTATION	
CODE	DIAMETER X PITCH
1970-1417-4	14-1/2 X 17
1970-1419-4	14-1/2 X 19
1970-1421-4	14-1/2 X 21
1970-1423-4	14-1/2 X 23
1970-1425-4	14-1/2 X 25



**QUICKSILVER  
2-STROKE PREMIUM MO-  
TOR OI**

Code	Lt
1726	1
1727	4



**QUICKSILVER  
2-STROKE PREMIUM PLUS  
MOTOR OIL**

Code	Lt
3945 - 1	1
3945 - 4	4
3945 - 10	10



**QUICKSILVER  
4-STROKE QUICKSILVER  
MOTOR OIL**

Code	Lt
3687	1
3687 - 4	4
3687-DRUM	210



**QUICKSILVER  
HIGH PERFORMANCE GEAR LUBE**  
High performance gear lube suitable for the engine parts below the sea surface. High protective lubricant for the parts of the engine against the sea conditions. Suitable for engines from 75HP.

Code	Lt
3689	0,237
3689- 1	1
3689 - 10	10



**QUICKSILVER GEAR LUBE**  
It provides the highest possible protection to engines up to 75HP.

Code	Lt
1728	0,237
3690	1



**Code 3686-4  
QUICKSILVER PERFORMANCE  
SYNTHETIC BLEND DFI OIL  
2-STROKE OUTBOARDS**



**QUICKSILVER 25W-40  
4-CYCLE ENGINE OIL FOR STERN-  
DRIVES AND  
INBOARDS.**

Code	Lt
4896-1	1
4896-4	4



**QUICKSILVER SYNTHETIC BLEND 4-STROKE  
OUTBOARD OIL**

Formulated for the rigors of the marine environment, this oil features premium grade synthetic and mineral base stocks with specially designed marine additives. Superior corrosion protection and outstanding lubricity for internal engine components to reduce wear, scuffing and scoring. Reduced piston ring deposits, excellent running quality and long-term reliability.

Code	Lt
3948-1	1
3948-4	4



**MARINE GEAR OIL EXTRA**  
 Marine gear oil extra E.P. 80 W90: high quality product, super additive. Anti-corrosive, anti-wear, anti-foam, oxidation-resistant and high temperature-resistant, additive against rust. Quality level APIGL5 - L 2105 C.

Code	Content
3690 - 1	250 ml
4301 - 5	5 Kg

*Blue Marine*



**Code 1715**  
**QUICKSILVER**  
**POWER TRIM AND**  
**STEERING**  
**FLUID TO TOP-OFF HY-**  
**DRAULIC PUMP RESER-**  
**VOIRS**  
 236ml.



**MARINE GREASE (LUBRIFICANTE)**  
 MARINE GREASE lubricant: special grease, based on lithium, zinc and titanium; strongly water-resistant and adhesive. This product has the following characteristics: very good adhesion and high resistance to wash out to brackish and fresh water; high protection against wear and penetration on worked. (ASTM D 217) **265/295**. Drop point 180 °C density (NLGI degree) 2-3. **250ml.**

Code	Content
2677	250 ml
2677-1	1 Kg



**Code 1729**  
**QUICKSILVER**  
**MARINE GREASE**  
 227 gr.



**Code 4391**  
**STEERING CABLE LUBRICATION SYSTEM**  
 The system includes the patented stainless steel nut with plug and sealing washer, oiling tube assembly and Max-Lube the ideal lubricant for steering cables. Works on inboards, outboards and inboard/outboard steering cables. Seals moisture out, puts lubricant in. Prevents corrosion and freezing to -40°C.



**Code 1744**  
**QUICKSILVER**  
**LUBE GUN WITH PISTOL**  
**GRIP**



**Code 1746**  
**QUICKSILVER**  
**GEAR LUBE PUMP FOR**  
**1 Lt BOTTLE**



**Code 4392**  
**STEERING ROD SEALER AND**  
**LUBRICATOR**  
 It allows sticky, hard to move steering rods to be properly and easily lubricated. For both mechanical and hydraulic systems. Made of stainless steel



**Code 877**  
**GRADUATED MIXTURE**  
**JUG**  
 Capacity 200 gr



# INFLATABLE BOATS-ELECTRIC OUTBOARD ENGINES

Inflatable Boats With  
Several Types Of Floor:  
Plywood, Airmat, Aluminum  
Rib  
Electric Outboard Engines

213 - 224



# NEPTUNE



### CERTIFICATION

All our boats bear the CE certification by the International Certification Institute Gioiardo S.p.A.

### GUARANTEE

Our trust towards the quality of our boats is reflected upon the provided 5 years guarantee for the fabric and the 3 years guarantee for the seams.

### TECHNICAL SPECIFICATIONS

#### CONSTRUCTION MATERIAL

All NEPTUNE boats are constructed with 1100 denier polyester fabric, which is specially coated with PVC on both sides. This method is proven to be immensely strong, tear resistant and completely waterproof. In addition, NEPTUNE boats provide high levels of resistance to fuel, UV rays and everyday abrasion.

### REINFORCED AND WATERPROOF SEAMS

The durability of the NEPTUNE boats is guaranteed as they are manufactured with four reinforced fabric seams combined with the use of polyurethane glue. The use of polyurethane glue maximizes the resistance and protection of the boats against high temperatures and sea water.

INFLATABLE BOATS - ELECTRIC OUTBOARD ENGINES

### STANDARD EQUIPMENT



Lifeline with Polypropylene rope



Oar holder



One stainless steel bow towing eye



Drain valve



2 lifting handles



4 stainless steel "D" ring patches



Foot pump



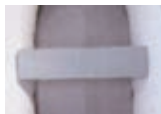
Inside and outside motor pad (mirrors)



Rowlocks



Two pieces aluminum oars



Marine grade plywood bench



Carrying bag



Air valves



Sea wall



Boat handles



► All bats come with a repair kit.



### ALUMINUM, PLYWOOD AND AIR MAT FLOOR SERIES BOATS

The particular NEPTUNE boat series stands out for its modern design approach. Its "circle" bow reflects a point of reference for boats that promote safety, leisureliness and smooth navigability. They are available in various sizes, for all uses, with a choice of three floorings: aluminum, plywood and airmat.



### INFLATABLE BOAT WITH AIR MAT FLOOR

Our air mat floor is cleverly designed with thousands of polyester threads criss-crossing one another. It is then inflated with high pressure making it as tough and rigid as a conventional wooden floor, but lighter and more comfortable. Its small size allows it to be easily carried and stored in tight places. For every boat which exceeds 3,60m a free of charge second seat will be provided.

Code	Length cm	Width cm	Weight kgs	Max. persons	Maximum hp	Tube diameter cm
<b>2202-230</b>	230	131	32	2	4	33
<b>2202-270</b>	270	152	48	3	7,5	42,5
<b>2202-300</b>	300	152	52	4	10	42,5
<b>2202-330</b>	330	152	55	5	15	42,5
<b>2202-360</b>	360	168	60	5+1	20	45



### INFLATABLE BOAT WITH ALUMINUM FLOOR

It is the usual choice for divers and fans of high performance boats, as it can be put together and taken apart quickly for ease of maintenance. It is also exceptionally resistant to impact. With every boat which exceeds 3,60 m a free of charge second seat will be provided.

Code	Length cm	Width cm	Weight kgs	Max. persons	Maximum hp	Tube diameter cm
<b>2201-300</b>	300	152	52	4	10	42,5
<b>2201-330</b>	330	152	55	5	15	42,5
<b>2201-360</b>	360	168	76	5+1	20	45
<b>2201-380</b>	380	170	78	6	20	45
<b>2201-430</b>	430	190	88	7	25	50



## NEPTUNE

### INFLATABLE BOAT WITH PLYWOOD FLOOR

Economical and easy to assemble, it is the ideal choice for day-tripping and fishing activities. The strong aluminum frame will provide years of dependable service. In every boat which exceeds 3,60m a free of charge second seat will be provided.

Code	Length cm	Width cm	Weight kgs	Max. persons	Maximum hp	Tube diameter cm
<b>2200-230</b>	230	131	32	2	4	33
<b>2200-270</b>	270	152	45	3	7,5	42,5
<b>2200-300</b>	300	152	50	4	10	42,5
<b>2200-330</b>	330	152	55	5	15	42,5
<b>2200-360</b>	360	168	58	5+1	20	45
<b>2200-380</b>	380	170	80	6	20	45
<b>2200-430</b>	430	190	89	7	25	50



### INFLATABLE SLATTED FLOOR BOATS

NEPTUNE slatted floor boats are inflated and stored within a few minutes. This choice of floor will allow the assembly without removing the flooring of the boat. It is an ideal choice for those that need a compact and portable system as it is small, light and easy to assemble. For those reasons NEPTUNE slatted floor boats are ideal as a secondary boat of larger vessels.

Code	Length cm	Width cm	Weight kgs	Max. persons	Maximum hp	Tube diameter cm	Color
<b>2199-180</b>	180	131	17	2	3,4	30	Grey - Blue
<b>2199-200</b>	200	131	23	2	3,4	33	
<b>2199-230</b>	230	131	32	2	4	33	
<b>2199-250</b>	245	152	42	3	6	42,5	
<b>2199-270</b>	270	152	45	3	7,5	42,5	

# NEPTUNE

## INFLATABLE RIB BOATS

NEPTUNE RIB boats are the flagship of the Company's leisure boats. Their deep "V" fiberglass hull provides stable and precise handling with exceptional performance. Their aerodynamic figure in conjunction with their rigid construction allows for trouble-free high speeds and conforms to the highest safety standards. They are ideal for water sports and with many different sizes to choose from, our RIB boats guarantee your fun at sea. Also available with a jockey seat. For every boat which exceeds 3,60 m a free of charge second seat will be provided.



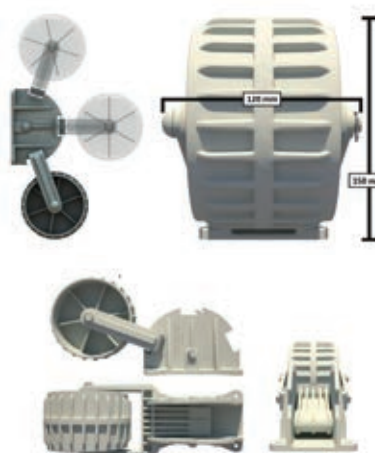
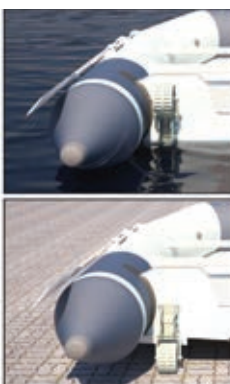
▶ Combine now EVAL's rib boat series with our new jockey seats and consoles pages 120, 121

Code	Length cm	Width cm	Weight kgs	Max. persons	Maximum hp	Tube diameter cm
2198-240	240	140	58	2	4	40
2198-270	270	152	64	3	7,5	42,5
2198-300	300	152	70	4	10	42,5
2198-330	330	152	74	5	15	42,5
2198-360	360	168	98	5+1	20	45
2198-380	380	170	120	6	20	45
2198-430	430	190	130	7	25	50
2198-470	470	190	150	8	40	50

## DINGHY WHEELER FOR BOATS

Designed to easily move and maneuver the boat on land. Made of durable and light-weight plastic material, with a heavy-duty, stainless steel Spring-Load Locking System that holds wheel in three positions

Code	Dimensions mm	Weight (set) Kg	Set
4875	Ø 150 x W 120	10	2 pcs





**TRANSFER TROLLEY FOR SMALL BOATS**  
With unique adjustable transom clamps which can hold small boats upside down to roll away for storage or landing.

Code	Trolley Dimensions cm	Wheel Dimensions cm
2113	W (with wheels) 42, W (without wheels) 23 x H 42	Ø 16,5 x W 8



**RUBBER BOAT CARRIERS**  
With stainless steel pipe and rubber wheels.

Code	Dimensions tube mm	Wheel Ø cm	Wheel Width cm	Total Height cm
1183	40 x 40	36	10	79

\*Spare wheel is available with code 1183-1



**Code 2199-36 DRAIN VALVE**  
Valve diameter : 45mm  
Flange diameter : 60mm



**Code 2199-12 DRAIN VALVE**  
L 6 cm x H 4 cm



**Code 2199-3 LIFTING HANDLE**  
Made of PVC  
L 11,3 cm x W 9.8 cm



**Code 2199-17 PLASTIC SPANNER**



**Code 2199-37 THRU-HALL WITH NO RETURN VALVE**  
Plastic with safety port and vent.  
L (open) 11,5 cm, L (closed) 15,5 cm x W 6 cm. Cut diameter of no return valve 4cm



**Code 2199-16 SEAT HOOK**  
It is combined with code 2199-25



**Code 2199-5 ROWLOCKS TAPE**  
For paddles with codes 2199-13, 2199-14, 2199-15



**Code 2199-29 SMALL BOW ROLLER**  
Made of PVC  
L12 cm x W 8,5 cm



**Code 2199-25 SEAT BENCH WITH HOOKS FOR INFLATABLE BOATS OF LENGTH 3M UP TO 3,3M.**  
L 85 cm x W 20 cm  
It is combined with code 2199-16.



**Code 2077-10 SEAT PATCH**  
set of 2 pcs  
Made of PVC  
L35 cm x W 12 cm



**Code 2199-6 ROWLOCKS FIRE PLASTIC BASE**  
Made of PVC  
L20 cm x W 9cm



**Code 2199-7 ROWLOCKS**  
Made of PVC  
L20 cm x W 9 cm



**2199-7 BLACK ROWLOCKS**  
Made of PVC  
L22 cm x W 11,5 cm



**Code 2199-4 AIR VALVE**



**Code 2382 VALVE FOR INFLATABLE BOATS AND FLEXIBLE TANKS**  
Ø 22 mm.

**VALVE FOR INFLATABLE BOATS**  
Twisting button system.  
Cap with opening 90°.



Code	Diameter mm	Height mm
2981	62	38



**Code 523 ADAPTOR FOR PUMPS**  
It is combined with codes 2199-4 and 2981.



**VALVE FOR INFLATABLE BOATS**

Code	Diameter mm	Height mm
2980	65	54

## FITTINGS FOR INFLATABLE BOATS



### TUBE SUPPORT

Made of fast rubber material and P.V.C., allows to apply handles and stainless steel hand rail of Ø 22 mm on inflatable boats of every size.

Code	Dimensions mm
4585	100 x 120 x H 60



### ROPE-GOES

made of fast rubber

A new system to fix the rope. Inside there is a rigid core on which you can insert a self tapping screw that goes through the rope and stops it. This avoids also that the rope slides in the intermediate rope-goes, giving a solid and safe grip. Single packing with stainless steel AISI 316 self tapping screw. Suitable for rope Ø 10-12 mm.

Code	Dimensions mm	Color
4584	118 mm x 76 mm x H 35 mm	GREY



### HANDLE FOR INFLATABLE BOATS

Elastic. Available in light grey.

Code	Dimensions mm
3299	L 290 x W 95



### ROWLOCK AND ROWLOCK SOCKET

With adjustable diameter. Made of extremely resistant rubber. Suitable for tube Ø 35 mm  
Color : Light grey.

Code	Dimensions mm
3324	L 130 x W 90



### PLASTIC ROWLOCK FOR INFLATABLE BOATS

With brass pin.

Code	Diameter mm
3941	33



### FAST RUBBER TUBE SUPPORT

It is combined with code 4585.

Code	Dimensions mm
4585-1	Ø 20 x H 25



### CANOPY MOUNTING

Made of PVC. For inflatable boats.



Code	Dimensions mm	Diam. mm
631 - GREY	L 9,6 x W 7,3	22



### RUBBER SLOTTING SHEET CLEAT

Ideal for inflatable boats. Made of fast rubber. For rope diameter 15-16 mm maximum.

Code	Dimensions mm	Color
4452	L 240 x W 190 x H 70	LIGHT GREY



### PLASTIC SLOTTING SHEET CLEAT

Ideal for inflatable and small boats

Code	Diameter mm	Height mm
4533	85	43



### Code 2199-1 STAINLESS STEEL BOW TOWING EYE

Made of PVC.  
L 22 cm x W 20 cm



2199-2



2199-2BL



### STAINLESS STEEL "D" RING PATCH

Made of PVC.

Code	Ø patch	Dimensions D ring Height x Thickness
2199-2	12 cm	3 cm x 6 mm
2199-2BL	12 cm	3 cm x 6 mm

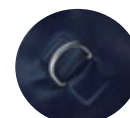


### BLUE BOW TOWING EYE STAINLESS STEEL

Made of PVC with inox ring.



Code	Ø cm	Ring Ø cm	Color
2199-1BL	L 26 x W 13,5	L 9,5 x H 4	Blue



2199-27BL



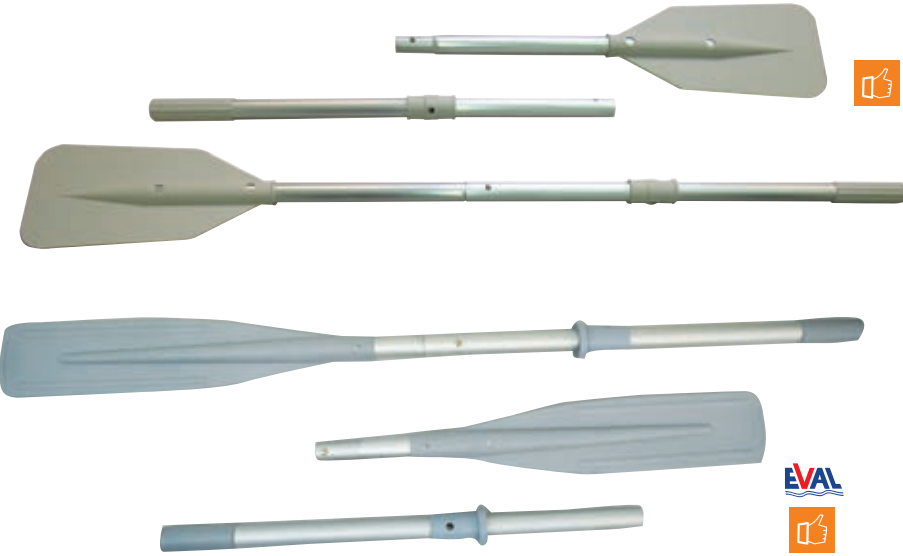
2199-27

### BOW BAG PATCHES WITH STAINLESS STEEL "D" RING (SET 4 PCS)

Made of PVC.

Code	Ø patch	Dimensions D ring Height x Thickness	Pcs
2199-27	10 cm	2 cm x 4 mm	Set of 4 pcs
2199-27BL	10 cm	2 cm x 4 mm	Set of 4 pcs

For the full range of (buoyancy aids, paddles etc) refer to section (safety equipment , boat accessories )



**DISMOUNTABLE PADDLES FOR INFLATABLE BOATS**

With tube made of anodised aluminum and paddle blade made of reinforced polypropylene. Suitable for all inflatable boats.

Code	Length cm	Tube Diameter mm
783-13	142	29
783-14	152	29
783-15	162	29

**DISMOUNTABLE PADDLES FOR INFLATABLE BOATS**

The pole is made of anodized aluminum and the paddle blade of reinforced polypropylene. Suitable for all inflatable boats.

Code	Length cm	Diameter mm
741-14	140	35
741-15	150	35
741-16	160	35



**TEAR – AID STRONG REPAIR PATCH FOR MANY USES**

Tear-Aid is a unique transparent repair patch for repairing tears and holes in practically all materials. Tear-Aid is extremely strong and very elastic. Tear-Aid is no temporarily solution, it is a permanent repair patch. Tear-Aid repairs: tent cover, canvas, rubber (inflatable-) boats, umbrellas, raincoats, jackets and bags. But also products like aluminium, fiberglass and more. This type is suitable for everything but PVC and vinyl products.

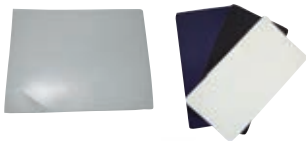


Code	Length cm	Width cm	Type
4909-1	150	7,6	Suitable for all materials but NOT FOR PVC/VINYL
4909	30	7,6	
4910-1	150	7,6	Suitable ONLY for PVC/VINYL
4910	30	7,6	



**SPARE REPAIR PATCH FOR PVC**

Code	Dimensions cm	Color
1178-1	20x15	Grey
1178-1 GR	22x19	Grey
1178-1 BL	22x19	Blue
1178-1	22x19	Black



**Code 4933 STEERING SYSTEM FOR INFLATABLE BOAT IN STAINLESS STEEL.**

Steering systems adjustable from 1400 mm to 1700 mm, with lateral plate. Steering wheel is not included.

**STAINLESS STEEL PEDESTAL**

Pedestal steering system with lateral plate and aluminum foot. Helm, steering wheel and cables are not included.

Code	Dimensions cm
4932	H 85 x L 29 x W 39



**REPAIR PATCH FOR NEOPRENE For neoprene**

Code	Dimensions cm	Color
1179-1	20x15	Grey



**Code 1254 DAVITS FOR INFLATABLE BOATS**  
Stainless steel 316.



**STANDING OVAL CONSOLE**  
With hatch. Made of fiberglass.

Code	Dimensions cm out roll bar
132-9	L35 x W 30 x H 65



**STANDING OVAL CONSOLE**  
With front protection glass, Roll-Bar stainless steel and hatch. Made of fiberglass.

Code	Length x Width cm	Height cm
132-10	51 x 49	130 With roll bar 116 Without roll bar



**CONSOLE WITH JOCKEY SEAT**  
Made of fiberglass. With storing space beneath the seat and a round hatch on the side.

Code	Dimensions cm
132-5	L 136 x W 41 x H 90

Available spare pillow with code 3568-9



**STANDING OVAL CONSOLE**  
With hatch. Made of fiberglass.

Code	Length x Width cm	Height cm
132-12*	L35 x W 30	86,5 With roll bar 83,5 Without roll bar

\*AVAILABLE UPON SPECIAL REQUEST.  
With front protection glass and inox roll bar.



**CONSOLE WITH JOCKEY SEAT**  
Made of fiberglass. With storage space under the seat.

Code	Dimensions cm
132-8	L 128 x W 47 x H 87

\* NOTE: The steering wheel and the electric switch board are not included on the product

**POLYESTER SEAT WITH BACK & PILLOW**

Comfortable and stylish with storage space, suitable for limited space. It has pillows, plastic grip, storage space underneath the seat pillow and at the back of the seat, where a hatch is fitted. Resistant at the sea conditions thanks to its UV.

Code	Dimensions cm	Color
<b>4874-5</b>	L 65 x Depth 48 x H 65	White with grey pillows



**PILLOWS FOR POLYESTER SEAT**

Removable pillow consisted of two pieces, made of durable material. Suitable for seat with code 4874-5.

Code	Dimensions back pillow	Dimensions seat pillow	For code
<b>3568-5</b>	L62 x W 15,5	L64 x W 28	4874-5



**POLYESTER SEAT WITH BACK & PILLOW**

Comfortable and stylish with storage space. It has pillows, inox grip 60 cm length, storage space underneath the seat pillow and at the back of the seat, where a big hatch is fitted. Resistant at the sea conditions thanks to its UV.



Code	Dimensions cm	Color
<b>4874-4</b>	L 86 x Depth 48 x H 82	White with grey pillows



**WATERPROOF SEAT STORAGE BAG**

Made of PVC and designed to fit the boat seat, the storage bag provides more storage space with waterproof protection. The upper part of the bag that covers the top side of the boat seat is filled with foam.

Code	Dimensions L x W x H cm
<b>4314</b>	60 x 25 x 19





**PILLOW FOR BOAT SEAT**

Removable pillow with UV resistant for seat with code 4874\*

Code	For Code	Dimensions cm	Color
3568-1	4874-1	L58 x W 38,5 x H 6	White
3568-2	4874-2	L98 x W 35 x H 6	
3568-3	4874-3	L82 x W 35 x H 6	



**BOAT SEAT WITH STORAGE SPACE**

Made of waterproof polyester with special storage space and and it can be combined with removable pillow with UV resistant code 3568\*.

Code	Dimensions	Color
4874 - 1	L 61 x W41 x H 36	White
4874 - 2	L 102 x W38,5 x H 35	White
4874 - 3	L82 x W 35 x H 35,5	White



**STORAGE BOW BAG FOR BOATS**

Code	Dimensions cm	Boat length cm
2199-19	L 40 x W 65	< 330
2199-20	L 40 x W 75	360 - 380
2199-21	L 40 x W 85	>400



**STORAGE BENCH BAG FOR BOATS**

Code	Dimensions cm	Boat length cm
2199-22	L 85 x W 20	< 330
2199-23	L 95 x W 20	360 - 380
2199-24	L 105 x W 20	>400



**SEAT WITH ADJUSTABLE LENGTH SIZE FOR INFLATABLE BOAT**

Boat seat with adjustable length, as its size may change according to any wishing length between 60 and 80 cm. It is suitable to inflatable boats of 2,30 – 3,50 meters. Suitable as a storage space for accessories or travelling articles. It may also store a 12/15 lt tank. Very easy to set and remove it.

Code	Dimensions cm	Color
4254	L 60-80 (adjustable) x H 32	WHITE



4377-40



4377-50

#### ELECTRIC OUTBOARD MOTORS

The made electric outboard motors are manufactured with the moto value for money in mind, taking into consideration that the costly petrol is no longer needed. Special design and technology that allows for an ultimately noise-free operation, which makes these outboards the ideal companion to fishing. With telescopic handle and led battery gauge to indicate the remaining battery power. It has five forward and three reverse speed steps. It is very light and easy to carry, while being friendly to the environment. 2 years guarantee. It can be offered shortened after your suggestion.

Code	4377-40	4377-50
Maximum thrust Lbrs	40	50
Maximum thrust kg	18,2	22,7
Volt	12	
Maximum input Amps	40	42
Speed steps	5 forward steps / 3 reverse steps	
Shaft length cm	100	
Propeller diameter x pitch inches	9 x 4	11 x 4
Battery gauge	Yes	
Weight kg	7,9	9,5
Ideal boat length m	Up to 2,7 m	Up to 3,3 m
Ideal boat weight kg	1100	1350



225-254

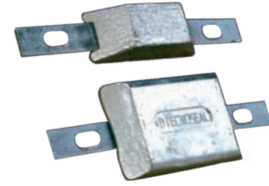
One more product exclusivity of our company is the Italian anodes producing company of Tecnoseal. With 20 years of experience in the field of anodes production, the company is in position to offer a great range, that will cover the need of every boat, engine, or other cathodic protection application.



Code	Dimensions mm	Kg
<b>1915</b>	115 x 60 x 17	0,6
<b>1916</b>	110 x 63 x 26	1,0
<b>1900</b>	200 x 70 x 25	1,8
<b>1900 ALUMINUM</b>	200 x 70 x 25	0,800
<b>1907</b>	215 x 70 x 29	2,2
<b>1906</b>	200 x 90 x 35	3,0



Code	Dimensions mm	Kg
<b>1911</b>	120 x 78 x 25	1,0



Code	Dimensions mm	Kg
<b>1914-25</b>	75 x 34 x 16	0,25
<b>1914-50</b>	95 x 40 x 25	0,5
<b>1914-110</b>	120 x 46 x 35	1,1
<b>1914-190</b>	140 x 82 x 26	1,9



Code	Diameter mm	Kg
<b>2092</b>	35	0,040



Code	Dimensions mm	Kg
<b>4268-1</b>	150 x 60 x 25	0,97
<b>4268-2</b>	240 x 65 x 29	2,3
<b>4268-3</b>	290 x 55 x 30	2,7

ANODES



Code	Dimensions mm	Kg
<b>1945</b>	190 x 50 x 25	1,52



Code	Dimensions mm	Kg
<b>4272</b>	320 x 65 x 35	2,195
<b>4272 ALUMINUM</b>	320 x 65 x 35	1,075



Code	Dimensions mm	Kg
<b>4277</b>	310 x 75 x 40	4
<b>4277-1</b>	455 x 90 x 40	7

**ANODES FOR STERN**



Code	Diameter mm	Height mm	Kg
<b>4274</b>	125	38	2,650
<b>4275</b>	140	35	3,050



Code	Diameter mm	Shaft diameter mm	Height mm	Kg
<b>2432-1</b>	51	40	67	0,585



▶ Spare parts for codes 2431.



Code	Diameter mm	Shaft Diameter	Kg
2429-1	33	22-25 mm	0,125
2429-2	42	30 mm	0,280
2429-3	46	35 mm	0,390
2429-4	51	40 mm	0,510
2429-5	61	45 mm	0,845
2429-6	73	50 mm	1,200
2429-7	75	55 mm	1,135
2429-8	82	60 mm	1,795
2429-9	98	100 mm	2,400

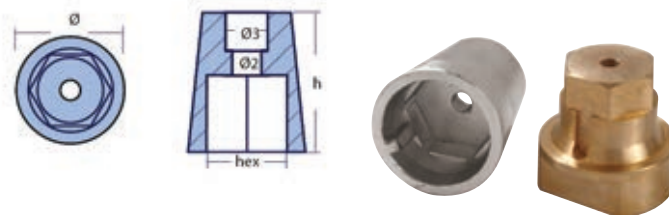


Code	Diameter mm	Shaft diameter mm	Kg
2431-5	65	45	1,59
2431-6	75	50	2,29
2431-7	80	55	2,82
2431-8	90	60	3,84
2431-9	100	100	6,125



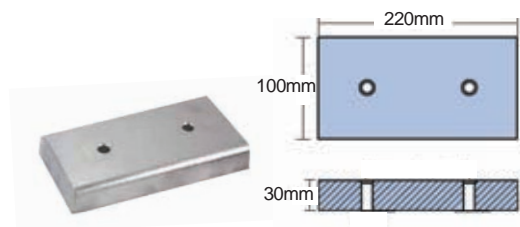
**ANODES FOR FLAPS**

Code	Dimensions mm	Kg
4269	130 x 50 x 17	0,685



**HEX REPLACEMENT ANODE**

Code	Ø Shaft mm	Ø mm	Ø 2 mm	Ø 3 mm	hex	h	Kg
2038-1	30	43	9	17	27	53	0,260
2038-2	35	46	9	18	32	62	0,360
2038-3	40	52	9	18	36	67	0,460
2038-4	45	61	11	24	41	76	0,780
2038-5	50	73	11	24	46	84	0,990



Code	Dimensions mm	Kg
2089	220 x 100 x 30	4,3

**RODS IN ZINC ALLOY**

Code	L mm	Ø mm	Kg
2320-1	400	10	0,230
2320-2	400	20	0,900



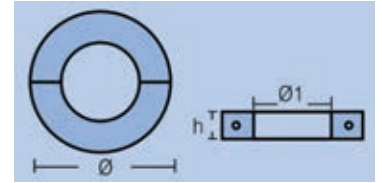
▶ (\*) Original code

ANODES



**BRACELETS FOR SHAFTS**

Code	Shaft diameter mm	Height mm	Kg
<b>2097-2</b>	19	56	0,520
<b>2097 - 3</b>	22	56	0,500
<b>2097</b>	25	56	0,480
<b>2097-1</b>	25,4	56	0,485
<b>2098-1</b>	28,6	56	0,440
<b>2099</b>	30	56	0,435
<b>2100-1</b>	34	65	0,615
<b>2101</b>	35	65	0,620
<b>2101 ALUMINUM</b>	35	65	0,27
<b>2102</b>	38	65	0,565
<b>2103</b>	40	88	1,115
<b>2103 ALUMINUM</b>	40	88	0,45
<b>2104</b>	45	88	1,115
<b>2105</b>	50	85	1,440
<b>2105-1</b>	50,8	85	1,460
<b>2105-2</b>	55	88	1,080
<b>2105-3</b>	60	100	1,750



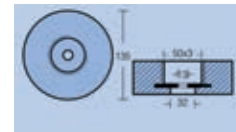
**COLLARS FOR SHAFTS**

Code	Diameter mm	Diameter 1 mm	Height mm	Kg
<b>2122-19</b>	65	19	18	0,315
<b>2122-22</b>	65	22	18	0,300
<b>2122-22 ALUMINUM</b>	65	22	18	0,100
<b>2122-25</b>	65	25	18	0,285
<b>2122-254</b>	65	25,4	18	0,290
<b>2122-286</b>	65	28,6	18	0,270
<b>2122-30</b>	65	30	18	0,265
<b>2122-318</b>	65	31,8	18	0,255
<b>2122-35</b>	65	35	18	0,225
<b>2122-40</b>	80	40	20	0,450
<b>2122-45</b>	80	45	20	0,390
<b>2122- 50</b>	90	50	25	0,595

ANODES



Code	Diameter mm	Diameter 1 mm	Height mm	Kg
<b>2195</b>	92	46	25	0,58



**ANODES FOR STERN**

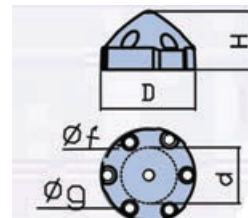


Code	Type	Diameter mm	Height mm	Kg
<b>1938-1</b>	Anode	135	47	3,950

▶ (\*) Original code

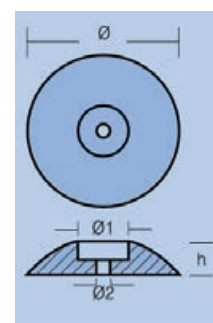


Code	D External diameter mm	d Internal diameter mm	Height H mm	Øf mm	Øg mm	Kg
1702-1	61	39	38	6,5	6,5	0,260
1702-2	68	44	43	6,5	5	0,408
1702-3	80	47	55	8	6,5	0,816



**ANODES FOR RUDDERS**

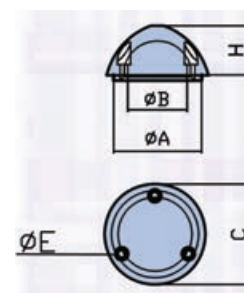
Code	Diameter mm	Diameter 1 mm	Diameter 2 mm	Height mm	Kg
2149	50	20	6,5	11	0,080
2150	70	22	8,5	13	0,195
2151	90	31	8,5	18	0,440
2152	110	30	11	18	0,680
2153	125	30	11	21	0,985
2154	140	35	12	30	1,450



ANODES

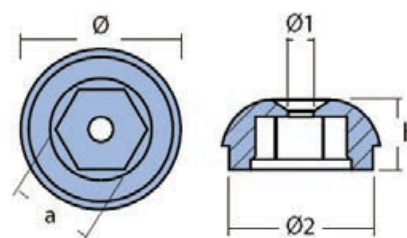
**FOR SHAFT VARIPROP**

Code	A	B	C	E	H
1703-1	59	44	67	6	38
1703-2	68	51	78	6	40
1703-3	84	60	90	6	54
1703-4	95	72	105	7	56



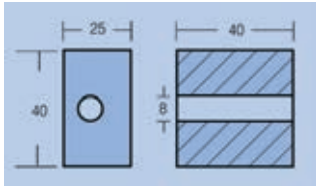
**ANODE SIDEPOWER – SLEIPNER**

Code	a	h	Ø	Ø 1	Ø 2	Kg
2155						0,120
2155-ALUMINUM	19,5	20	45	7	40	0,047

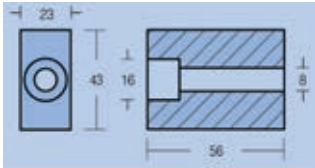


\*71190/51180

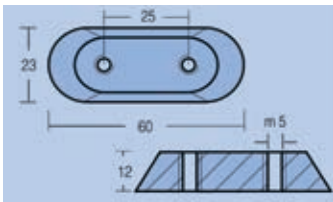
**JOHNSON - EVINRUDE - OMC ENGINES**



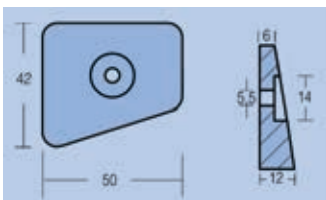
**Code 2027**  
OMC 50-60-70-90-140 HP  
JOHNSON 50-115-120-140 HP  
EVINRUDE 50-140-200 HP  
Kg 0,255



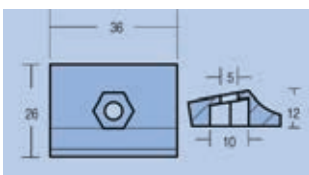
**Code 2032**  
JOHNSON 160-280 HP (V4-V6)  
EVINRUDE  
Kg 0,330



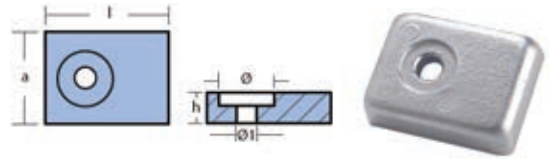
**Code 2035**  
JOHNSON 2-150 HP  
Kg 0,075



**Code 2050**  
JOHNSON 521 20-25 HP 1991  
EVINRUDE 20-25 HP 1991  
Kg 0,190



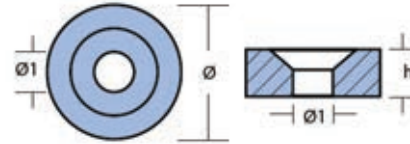
**Code 2051**  
JOHNSON 8 - 9,9 - 15 HP  
Kg 0,055



**Code 4025**  
FOR ENGINE JOHNSON EVINRUDE  
40/50 HP 4STROKE

l mm	a mm	h mm	Ø mm	Ø1 mm	Kg
40	30	12	17	6.5	0,080

5030265\*



**Code 4028**  
FOR ENGINES JOHNSON EVINRUDE  
OMC 3.5/5/6 HP 4STROKE

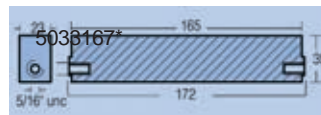
h mm	Ø mm	Ø1 mm	kg
7	20	7	0.020

5031705\*

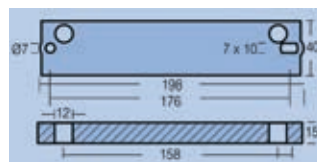


**Code 4035**  
FOR ENGINES JOHNSON EVINRUDE OMC 70/90HP

l mm	a mm	h mm	Ø mm	kg
48	18	12	7	0.050



**Code 2036**  
JOHNSON - EVINRUDE  
60/175 HP  
Kg 0,885



**Code 2460**  
55320-94900\*  
FOR ENGINES 60-70-90 HP  
120-140 HP  
Kg 0,475

ANODES

▶ (\*) Original code



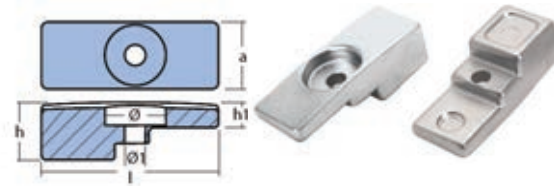
JOHNSON - EVINRUDE - OMC ENGINES



**Code 4036**  
FOR ENGINES JOHNSON EVINRUDE OMC  
140HP

l mm	a mm	h mm	h 1 mm	Ø	Ø1	kg
55	22	18	6	18	6.5	0.100

5032930\*



**Code 4029**  
FOR ENGINES JOHNSON EVINRUDE OMC  
9.9/15 HP 4STROKE

h mm	Ø mm	Ø1 mm	Ø2 mm	kg
9	49	15	7	0.050

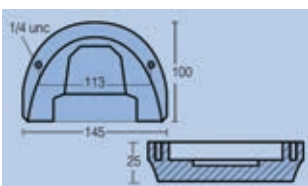
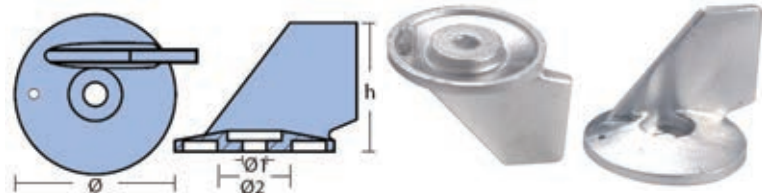
5033185\*



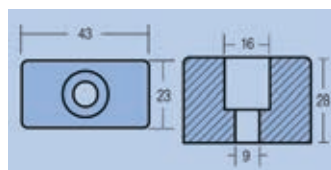
**Code 4023**  
FOR ENGINES JOHNSON EVINRUDE 70  
HP 4STROKE

h mm	Ø mm	Ø1 mm	Ø2 mm	kg
50	61	9	20	0.190

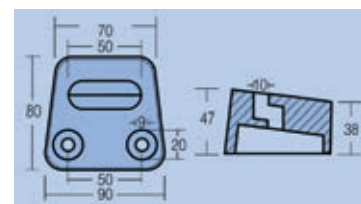
5031536\*



**Code 2026**  
**OMC COBRA**  
Kg 1,030



**Code 2033**  
**OMC COBRA**  
Kg 0,155



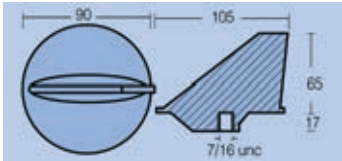
**Code 4284**  
3854130\*  
**KING COBRA**  
Kg 1

▶ (\*) Original code

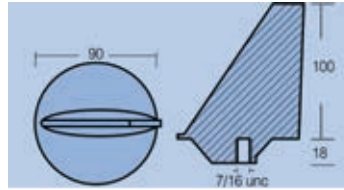


ANODES

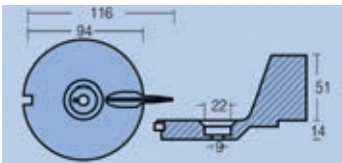
**MERCURY - MERCURISER ENGINES**



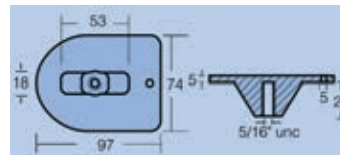
**Code 2013**  
31640Q4\*  
**MERCURY 50 HP**  
Kg 0,480  
**Code 2013 ALUMINUM**  
Kg 0,19



**Code 2014**  
34127\*  
**MERCURISER 80-140 HP**  
Kg 0,600

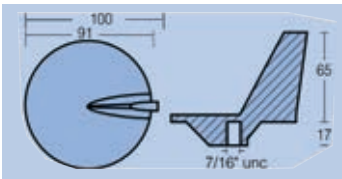


**Code 2016**  
822777Q1\*  
**MERCURY 25 HP**  
Kg 0,275



**Code 2129**  
**MERCURY 20 HP**  
Kg 0,310

ANODES



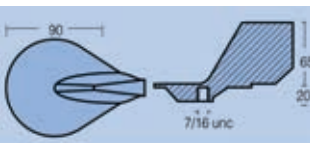
**Code 2008**  
822777Q1\*  
**50-140 HP**  
For engines with large propeller  
Kg 0,395



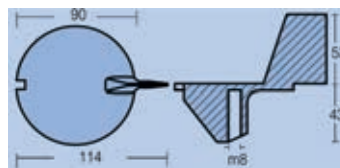
**FOR ENGINES MERCURY MERCURISER F25-F50**

Code	L mm	h mm	H1 mm	Ø mm	Ø 1 mm	Ø 2 mm	Kgr
<b>4064</b>	116	70	13	93	25	9,5	0,440

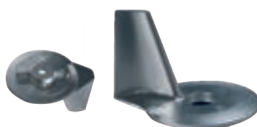
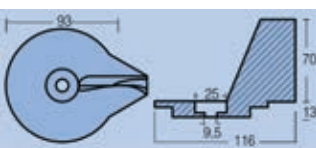
822157\*



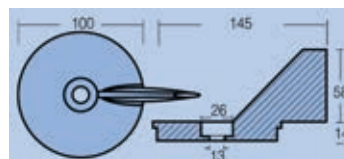
**Code 2024**  
822777Q1\*  
**From 35 HP up to V6 and MCM**  
Kg 0,750



**Code 2017**  
**AMERICA 25 HP**  
(From 1990) Kg 0,350



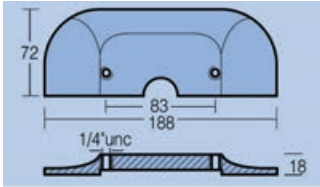
**Code 2015**  
**MERCURY - MERCURISER**  
Kg 0,435



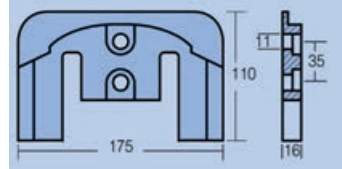
**Code 2441**  
**FORMULA 60 HP**  
Kg 0,510

▶ (\*) Original code

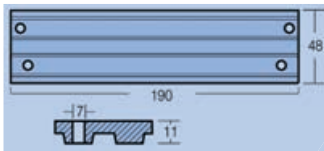
## MERCURY - MERCURUISER ENGINES



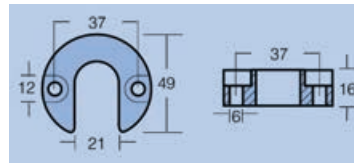
**Code 4280**  
821629Q1\*  
**ALPHA ONE - ALPHA II GEN.**  
Kg 0,700  
**Code 4280** -ALUMINUM  
Kg 0,27



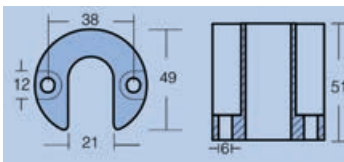
**Code 4281**  
821630Q1\*  
**BRAVO I / II / III**  
Kg 0,980  
**Code 4281** -ALUMINUM  
Kg 0,38



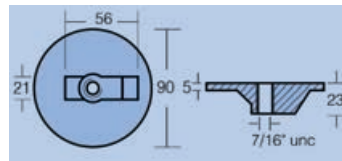
**Code 2023**  
818298\*  
**From 40 HP**  
**up to V6 135/150/175 VERADO**  
Kg 0,640  
**Code 2023** -ALUMINUM  
Kg 0,25



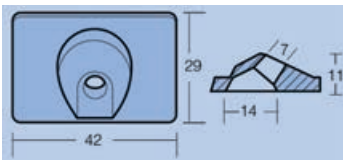
**Code 2437**  
806189Q1\*  
**MERCURUISER ALPHA**  
Kg 0,120



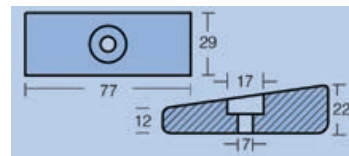
**Code 2438**  
806190Q1\*  
**MERCURUISER BRAVO**  
Kg 0,325  
**Code 2438** -ALUMINUM  
Kg 0,13



**Code 2439**  
76214\*  
**MERCURY ALPHA**  
Kg 0,335



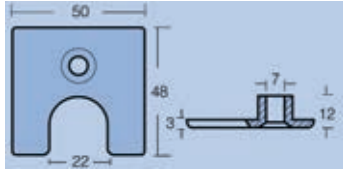
**Code 2020**  
**MERCURY 6-9,9 HP**  
Kg 0,030



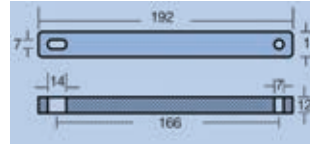
**Code 2440**  
826134\*  
**75 HP - V6 40/50/115 EFI 4T**  
Kg 0,240  
**Code 2440** ALUMINUM  
Kg 0,09

(\*) Original code

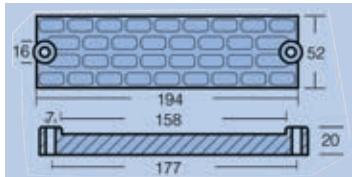
**MERCURY - MERCURISER ENGINES**



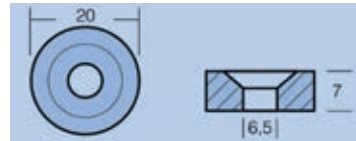
**Code 2115**  
**MERCURY 4,5-7 HP**  
Kg 0,050



**Code 2492**  
**30 / 40 HP**  
Kg 0,300



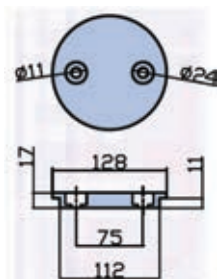
**Code 2009**  
**MERCURY 25/50/60/75 HP**  
**MERCURISER E.B. 90/100**  
**Up 1991 115/190**  
**SUPERAMERICA 80/115**  
Kg 0,665



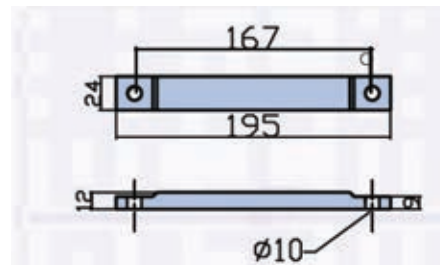
**RING FOR ENGINES**

Code	Diameter mm	Diameter 1 mm	Height mm	Kg
<b>2456</b>	20	6,5	7	0,010
<b>2457</b>	24	6,5	6,5	0,020

ANODES



**Code 4940**  
847635001\*  
**Verado 350 ci — 6 cylinders**  
**4-stroke**  
Kg 0,395

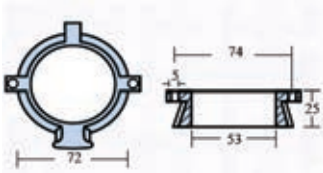


**Code 4939**  
8M0012083\*  
**Verado 350 ci - 6 cylinders - 4 stroke**  
Kg 0,130

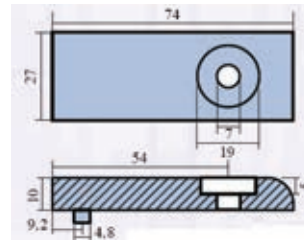


▶ (\*) Original code

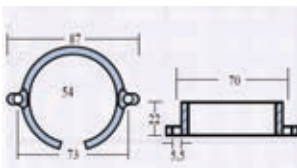
## MERCURY - MERCUISER ENGINES



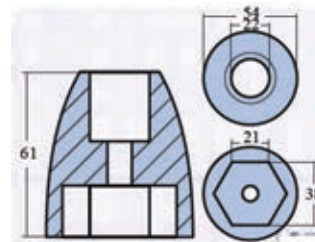
**Code 1936**  
**COLLAR FOR ENGINES MERCURY/  
 MERCUISER ALPHA I,II GEN**  
 806105A1\*  
 806105Q1\*  
 0,230 Kg



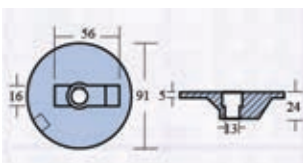
**Code 1941**  
**Aluminum Engine plate for Verado  
 215-275 (4 per outboard)**  
 893404\*  
 Kg 0,040



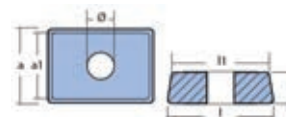
**Code 1937**  
**Collar for engines Mercury / Mercruiser  
 serie bravo IE , bravo III**  
 806188 \*  
 Kg 0,170



**Code 2095**  
**Cone nut anode Bravo 3 Mercury / Mercruiser**  
 865182\*  
 Kg 0,520



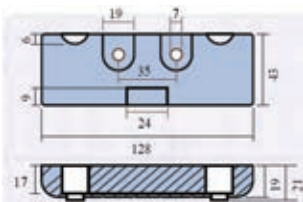
**Code 1939**  
**Engine plate for engines  
 Mercury / Mercruiser**  
 76214-4\*  
 Kg 0,260



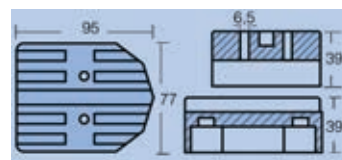
**Code 4024**  
**FOR ENGINE MERCURY 4 – 9.9HP 4 STROKE**

l mm	l1 mm	a mm	a 1 mm	h mm	Ø mm	kg
27	25	19	17	8	6	0.030

875208\*



**Code 1940**  
**Aluminum Engine plate for Ve-  
 rado 215-275 (2 per outboard)**  
 880653\*  
 Kg 0,190



**Code 2028**  
 43994\*  
**MERCURY F.Bb - MERCUISER E.B.**  
**ALPHA GEN II + BRAVO**  
 Kg 0,895  
**Code 2028- ALUMINUM**  
 Kg 0,35



ANODES

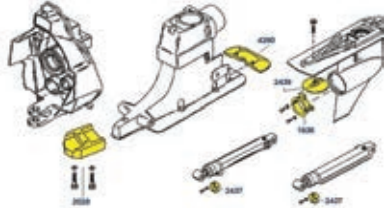
## MERCURY - MERCURISER ENGINES

**CODE 2107-1  
KIT ALUMINUM ANODES MERCURY  
ALPHA ONE GENERATION 2**

The following anodes and the screws are included :

Code	Quantity
2028	1 piece
4280	1 piece
1936	1 piece
2437	2 pieces
2439	1 piece

**NEW**

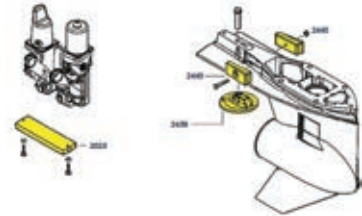


**CODE 2107-5  
KIT ALUMINUM ANODES MER-  
CURY VERADO 4**

The following anodes and the screws are included :

Code	Quantity
2439	1 piece
2440	2 pieces
2023	1 piece

**NEW**

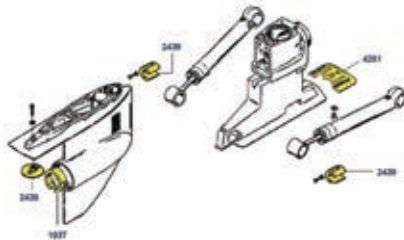
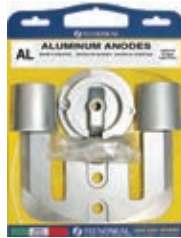


**CODE 2107-2  
KIT ALUMINUM ANODES MER-  
CURY BRAVO ONE**

The following anodes and the screws are included :

Code	Quantity
4281	1 piece
2439	1 piece
1937	1 piece
2438	2 pieces

**NEW**

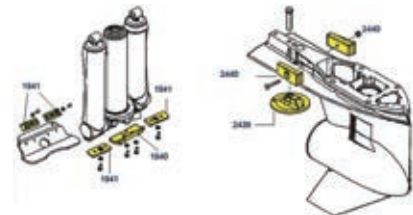


**CODE 2107-6  
KIT ALUMINUM ANODES MER-  
CURY VERADO 6**

The following anodes and the screws are included :

Code	Quantity
1941	4 pieces
1940	1 piece
2439	1 piece
2440	2 pieces

**NEW**

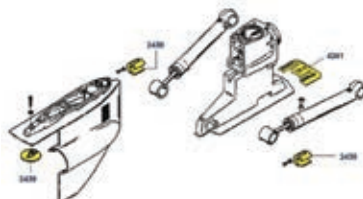
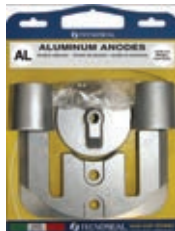


**CODE 2107-3  
KIT ALUMINUM ANODES MERCURY  
BRAVO II-III**

The following anodes and the screws are included :

Code	Quantity
4281	1 piece
2439	1 piece
2438	2 pieces

**NEW**

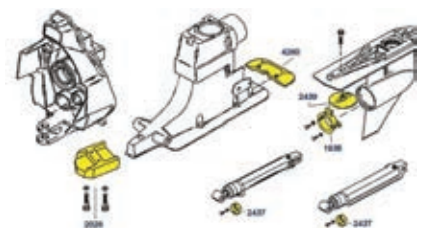


**CODE 2108-1  
KIT ANODES ZINC MERCURY  
ALPHA ONE GENERATION 2**

The following anodes are included:

Code	Quantity
2028	1 piece
4280	1 piece
1936	1 piece
2437	2 pieces
2439	1 piece

**NEW**



ANODES

▶ (\*) Original code



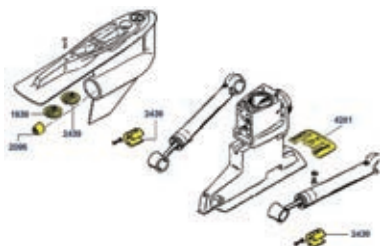
## MERCURY - MERCURISER ENGINES

### CODE 2107-4 KIT ALUMINUM ANODES MER- CURY BRAVO III-2004

The following anodes and the screws  
are included :

Code	Quantity
1939	1 piece
2439	1 piece
2438	2 pieces
2095	1 piece
4281	1 piece

**NEW**

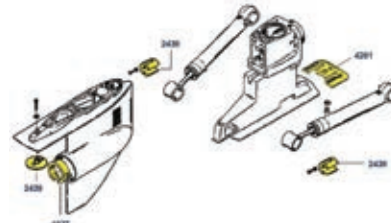


### CODE 2108-2 KIT ZINC ANODES MERCURY BRAVO ONE

The following anodes are included :

Code	Quantity
4281	1 piece
2439	1 piece
1937	1 piece
2438	2 pieces

**NEW**

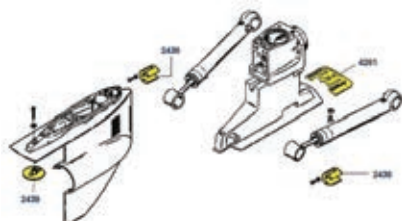


### CODE 2108-3 KIT ZINC ANODES MERCURY BRAVO II-III

The following anodes are  
included :

Code	Quantity
4281	1 piece
2439	1 piece
2438	2 pieces

**NEW**



### CODE 2108-9 KIT ZINC ANODES MERCURY F30-F40-F60 HP

The following anodes are  
included :

Code	Quantity
2440	2 pieces
2023	1 piece
2441	1 piece

**NEW**

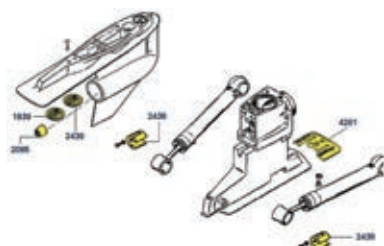


### CODE 2108-4 KIT ZINC ANODES MERCURY BRAVO III-2004

The following anodes are included :

Code	Quantity
1939	1 piece
2439	1 piece
2438	2 pieces
2095	1 piece
4281	1 piece

**NEW**



### CODE 2108-8 KIT ZINC ANODES MERCURY 75- 80-90-100-115 EFI

The following anodes are included :

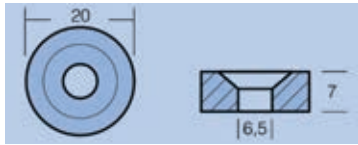
Code	Quantity
2013	1 piece
2023	1 piece
2440	1 piece

**NEW**



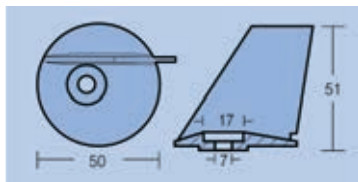
ANODES

## TOHATSU ENGINES

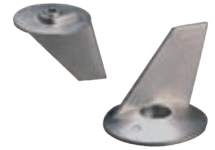
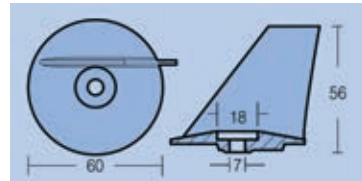


### RING FOR ENGINES 2,5 - 3,5 - 5 - 6 - 8 HP

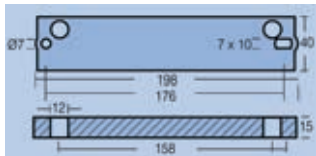
Code	Diameter mm	Diameter 1 mm	Height mm	Kg
2456	20	6,5	7	0,010
2457	24	6,5	6,5	0,020



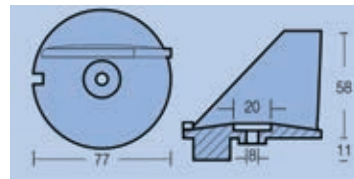
**Code 2458**  
**MAXI CORSA 25-40 HP**  
Kg 0,120



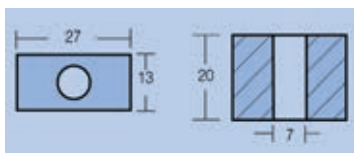
**Code 2459**  
**MEGA 25-50 HP**  
Kg 0,150



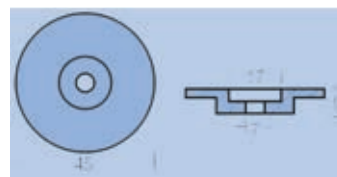
**Code 2460**  
55320-94900\*  
**FOR ENGINES 60-70-90 HP**  
**120-140 HP**  
Kg 0,475



**Code 2461**  
**FOR ENGINES 60-70-90 HP**  
**120-140 HP**  
Kg 0,345



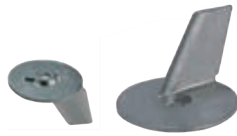
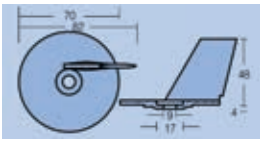
**Code 2483**  
**MEGA**  
Kg 0,040



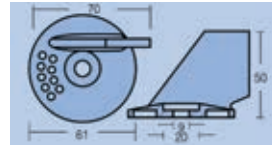
**Code 2062**  
**FOR ENGINES 40-140 HP**  
Kg 0,045



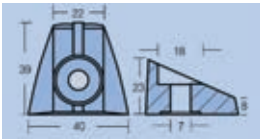
**SUZUKI ENGINES**



**Code 2029**  
55125-96310\*  
**SUZUKI 20-25-30 HP**  
Kg 0,150



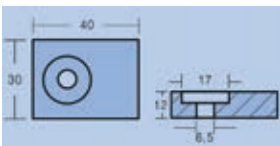
**Code 2030**  
**SUZUKI 55-65 HP**  
Kg 0,170



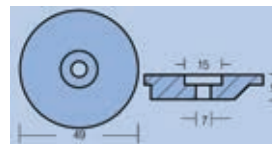
**Code 2484**  
55320-98400\*  
**SUZUKI F.B.**  
Kg 0,095



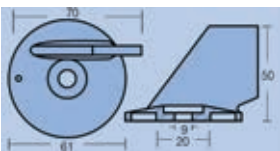
**Code 2456**  
**SUZUKI F.B.**



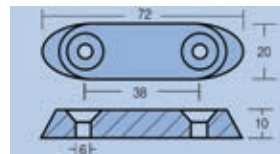
**Code 2031**  
55320-98400\*  
**SUZUKI DF25-DF300**  
Kg 0,080



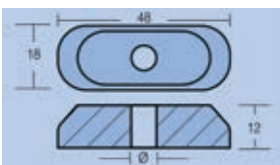
**Code 2451**  
55321-93900\*  
**SUZUKI 9,9-15 HP**  
Kg 0,055



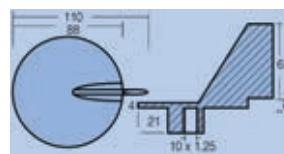
**Code 2485**  
5031536\*  
**SUZUKI 75-85-90 HP**  
Kg 0,170



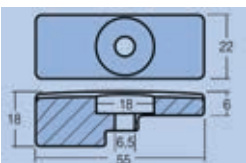
**Code 2487**  
55300-95500\*  
**SUZUKI 2-4-6-8 HP**  
Kg 0,080



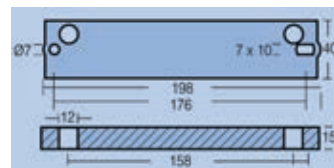
**Code 2455**  
55320-98400\*  
**SUZUKI 2 HP**  
Kg 0,050



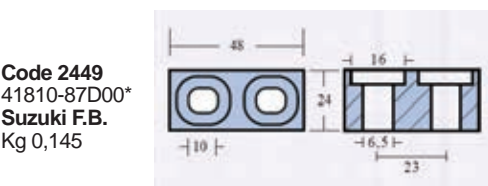
**Code 2488**  
**SUZUKI 50-70 HP 4 T**  
Kg 0,290



**Code 2057**  
55321-90j01\*  
**DF 115-140**  
Kg 0,075



**Code 2460**  
55320-94900\*  
**FOR ENGINES 60-70-90 HP**  
**120-140-150 HP**  
Kg 0,475

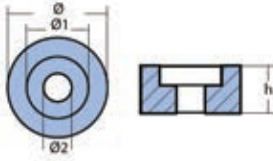


**Code 2449**  
41810-87D00\*  
**Suzuki F.B.**  
Kg 0,145

ANODES

▶ (\*) Original code

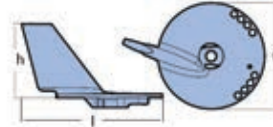
## SUZUKI ENGINES



ENGINE WASHER FOR SUZUKI

Code	h mm	Ø mm	Ø1	Ø2	kg
4053	10	21	13	6	0.020

55321-87J00



Code 4054  
FOR ENGINES SUZUKI DF60 – DF70

l mm	h mm	Ø mm	kg
113	59	8.4	0.250

55125 – 90J01



CODE 2108-11  
KIT ZINC ANODES SUZUKI 90-100-115-140HP

The following anodes are included :

Code	Quantity
2143	1 piece
4053	4 pieces
PLATE ANODE	1 piece



CODE 2108-10  
KIT ZINC ANODES SUZUKI 40 – 50HP

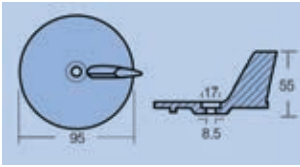
The following anodes are included :

Code	Quantity
2031	2 pieces
4053	4 pieces
2485	1 piece

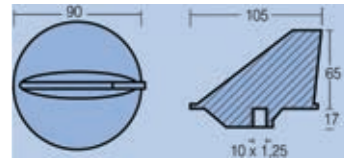


ANODES

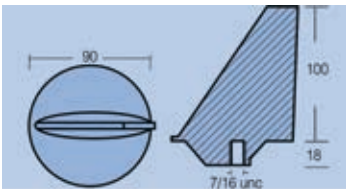
## MARINER - YAMAHA ENGINES



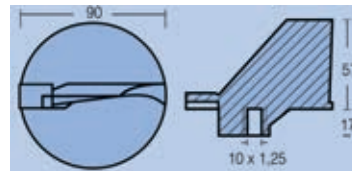
Code 2060  
664-45371-01\*  
MARINER 10-50 HP  
YAMAHA 20-25-30 HP  
Kg 0,205



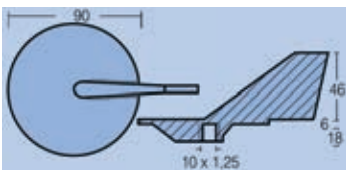
Code 2037  
MARINER 40-60 HP 10x1,25  
MARINER 40-60 HP 7/16" (after 1991)  
YAMAHA 55 HP 10x1,25  
Kg 0,455



Code 2014  
MARINER 80-140 HP  
Kg 0,620



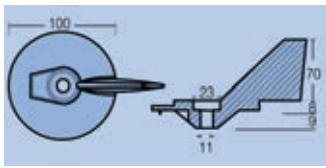
Code 2041  
YAMAHA 115-225 HP (V4-V6)  
Kg 0,400



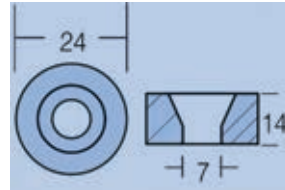
Code 2058  
668-45371-02\*  
YAMAHA 60-90 HP  
Kg 0,420

▶ (\*) Original code

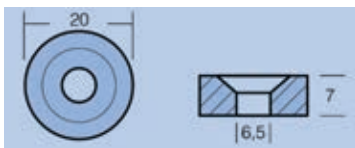
**MARINER - YAMAHA ENGINES**



**Code 2444**  
6J9-45371-00\*  
YAMAHA 130-205-230-260  
Kg 0,580

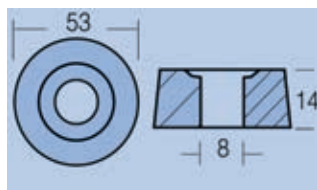


**Code 2069**  
RING FOR ENGINES  
YAMAHA 60-85-115 HP  
Kg 0,040  
**Code 2069** -ALUMINUM  
Kg 0,02

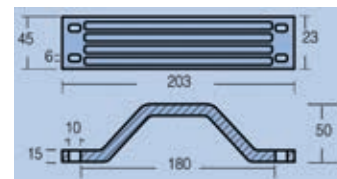


**RING FOR ENGINES**

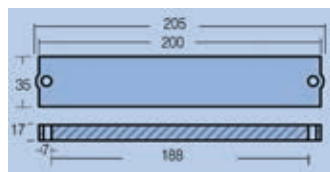
Code	Diameter mm	Diameter 1 mm	Height mm	Kg
<b>2456</b>	20	6,5	7	0,010
<b>2457</b>	24	6,5	6,5	0,020



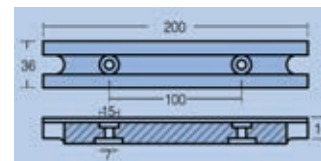
**Code 2018**  
RING FOR ENGINES  
MARINER 40 HP  
YAMAHA 70-85 HP  
Kg 0,210



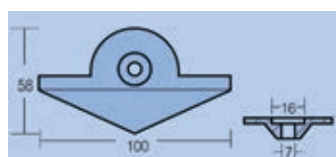
**Code 2043**  
6G5-45251-02\*  
YAMAHA MALTA 3,5 HP  
+ 2B/3 A/4 A/5C  
Kg 0,900  
**Code 2043** -ALUMINUM  
Kg 0,35Kg



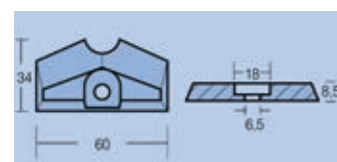
**Code 2044**  
YAMAHA 60-90 HP  
Kg 0,545



**Code 2011**  
6H1-45251-02\*  
YAMAHA TOP 700  
Kg 0,460  
**Code 2011**-ALUMINUM  
Kg 0,18



**Code 2443**  
YAMAHA 9,9 - 15 HP  
Kg 0,140



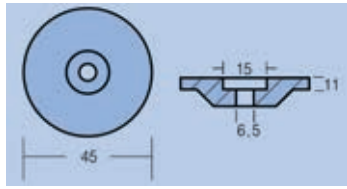
**Code 2045**  
6L5-45251-02\*  
YAMAHA MALTA 3,5 HP  
+ 2B/3 A/4 A/5C  
Kg 0,065



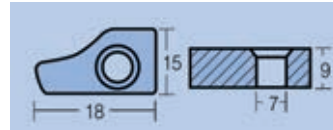
ANODES

▶ (\*) Original code

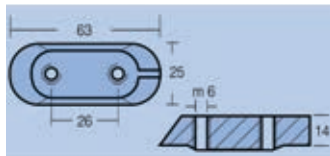
**MARINER - YAMAHA ENGINES**



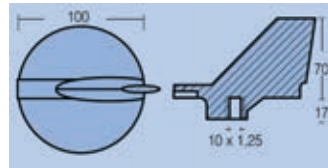
**Code 2059**  
**YAMAHA 9,9 HP**  
Kg 0,045



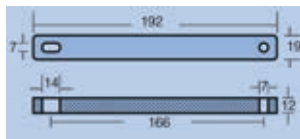
**Code 2445**  
**MARINER H25-H8 20/2/3**  
**YAMAHA W30-W8 25/2/3**  
Kg 0,020



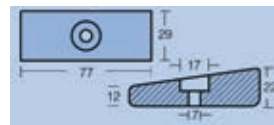
**Code 2446**  
**6E0-45251-02\***  
**YAMAHA 40 HP**  
Kg 0,100



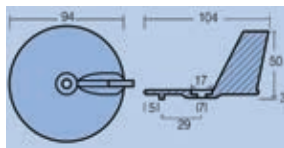
**Code 2121**  
**YAMAHA V6**  
Kg 0,680



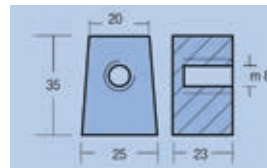
**Code 2440**  
**75 HP - XP6**  
Kg 0,240



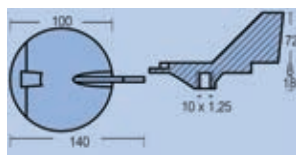
**Code 2492**  
**FOR ENGINES 30/40 HP**  
Kg 0,300



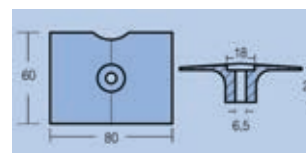
**Code 2491**  
**YAMAHA 25 - 30 HP**  
Kg 0,275



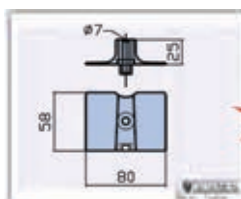
**Code 2490**  
**55125-96310\***  
**CUBE WITH HOLE**  
Kg 0,115  
**Code 2490 -ALUMINUM**  
Kg 0,05



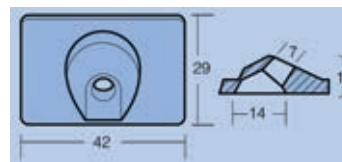
**Code 2047**  
**YAMAHA 220 HP**  
Kg 0,625



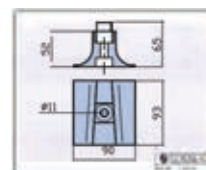
**Code 2489**  
**4T 9,9/15F-25HP**  
Kg 0,265



**Code 4941**  
**6AH45251\***  
**LOWER UNIT**  
Kg 0,270



**Code 2020**  
**MARINER 6 - 9,9 HP**  
Kg 0,030



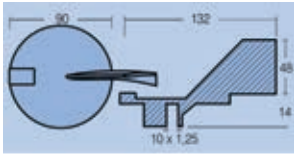
**Code 4942 6AW45373\***  
**LOWER UNIT**  
Kg 0,410



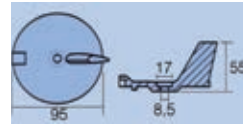
ANODES

▶ (\*) Original code

**MARINER - YAMAHA ENGINES**



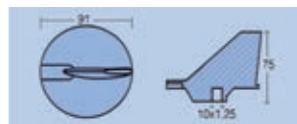
**Code 2048**  
61A-45371-00\*  
**FOR ENGINES 80-100 HP - 4T**  
Kg 0,400



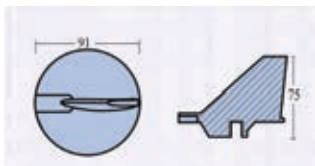
**Code 2053**  
67C-45371-00\*  
**YAMAHA F25-F40F50**  
Kg 0,220



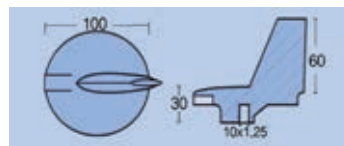
**Code 4332**  
**ENGINE PLATE**  
Kg 0,100  
**Code 4332 -ALUMINUM**  
Kg 0,040



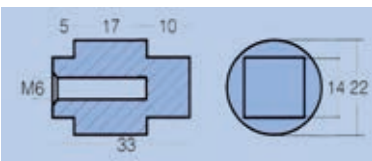
**Code 4333**  
6J9-45371-00\*  
**FIN ANODE**  
Kg 0,560



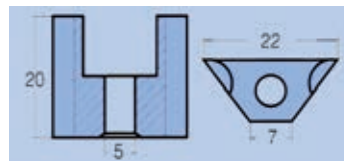
**Code 4334**  
6K1-45371-00\*  
**FIN ANODE**  
Kg 0,405



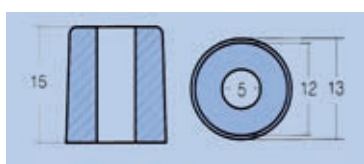
**Code 4335**  
6I9-45371-00\*  
**FIN ANODE**  
Kg 0,655



**Code 4336**  
67F-11325-00\*  
**ENGINE ANODE 80/100 HP**  
Kg 0,070



**Code 4337**  
688-11325-00\*  
**ENGINE ANODE 25/90 HP**  
Kg 0,010



**Code 4338**  
6G8-11325-00\*  
**ENGINE WASHER FOR 2,5/9 HP**  
Kg 0,012



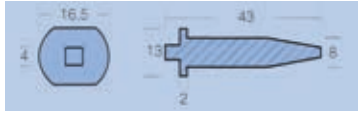
**Code 4339**  
62Y-11325-00\*  
**ENGINE ROD 40/200 HP**  
Kg 0,017



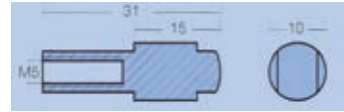
ANODES

▶ (\*) Original code

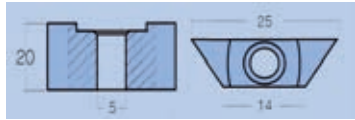
**MARINER - YAMAHA ENGINES**



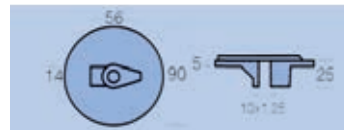
**Code 4340**  
6J8-11325-00\*  
**ENGINE ROD 20/25 HP**  
Kg 0,015



**Code 4341**  
66M-11325-00\*  
**ENGINE ROD 9,9 HP**  
Kg 0,013

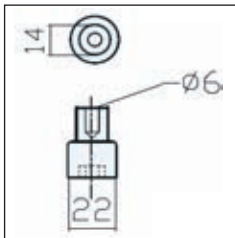


**Code 4342**  
6E5-11325-00\*  
**ENGINE ANODE 100/225 HP**  
Kg 0,012



**Code 4343**  
6E5-45371-10\*  
**ENGINE PLATE FOR 60/225 HP**  
Kg 0,337

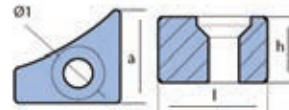
ANODES



**YAMAHA MARINER CYLINDER HEAD**



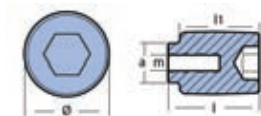
**Code 4943**  
68V11325\*  
Kg 0,025



**Code 4039**  
**FOR ENGINES YAMAHA MARINER**

l mm	a mm	h mm	Ø1 mm	kg
25	22	15	7	0.030

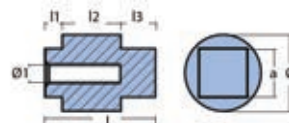
676-11325-00



**Code 4038**  
**CYLINDER HEAD ANODE YAMAHA MARINER**

l mm	l1 mm	a mm	Ø mm	m	kg
32.5	28.5	14	21.3	M6	0,070

68V-11325-01\*



**Code 4037**  
**FOR ENGINES YAMAHA MARINER 80-100HP**

l mm	l1 mm	l2 mm	l3 mm	a mm	Ø	Ø1	kg
33	5	17	10	14	22	M6	0.070

67F-11325-00\*

▶ (\*) Original code

## MARINER - YAMAHA ENGINES

### CODE 2108-12

#### KIT ZINC ANODES YAMAHA 40/60HP 4STROKE

The following anodes are included :

Code	Quantity
2053	1 piece
2490	1 piece
2446	3 pieces



### CODE 2108-13

#### KIT ZINC ANODES YAMAHA 60/90HP

The following anodes are included :

Code	Quantity
2058	1 piece
2011	1 piece

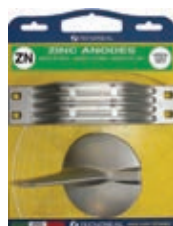


### CODE 2108-14

#### KIT ZINC ANODES YAMAHA 200/250HP FOR OUT-BOARDS

The following anodes are included :

Code	Quantity
2043	1 piece
2121	1 piece



### CODE 2108-15

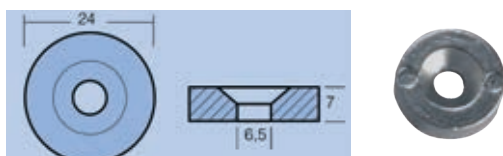
#### KIT ZINC ANODES YAMAHA 200-300HP HIGH PERFORMANCE

The following anodes are included :

Code	Quantity
2043	1 piece
4335	1 piece

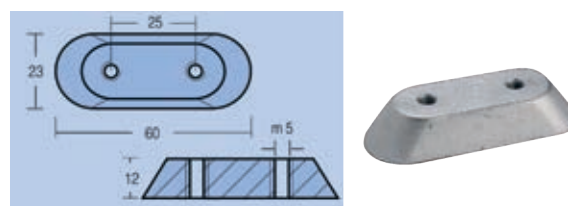


## HONDA ENGINES

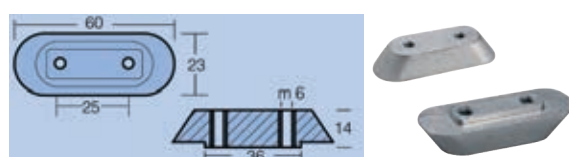


**RING FOR ENGINES HONDA 8/20 HP**  
41106-2w-000\*

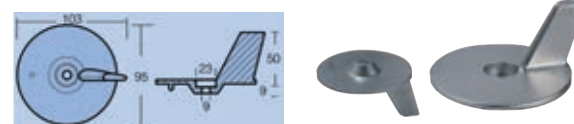
Code	Diameter mm	Diameter 1 mm	Height mm	Kg
2457	24	6,5	7	0,020



**Code 2035**  
411062W-9000\*  
**HONDA FB 8/20 HP**  
Kg 0,075



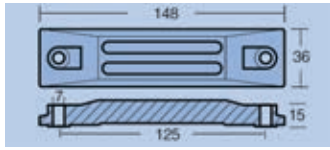
**Code 2477**  
1255-zw4-A00\*  
**FOR ENGINES 10/50 HP**  
Kg 0,085



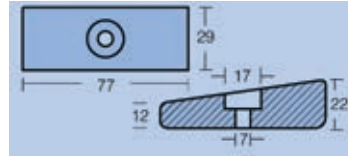
**Code 2478**  
06412-2V5-000\*  
**FOR ENGINES 25-40-50 HP**  
Kg 0,280

▶ (\*) Original code

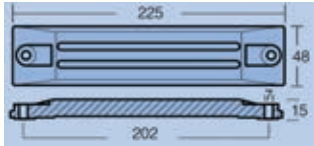
**HONDA ENGINES**



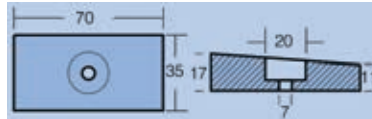
**Code 2479**  
060411-2V5-010\*  
**FOR ENGINES 40/50 HP**  
Kg 0,375



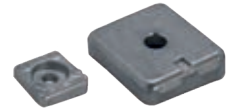
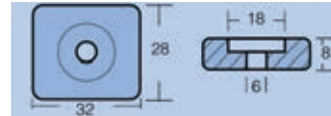
**Code 2440**  
**FOR ENGINES 75-130 HP**  
Kg 0,240



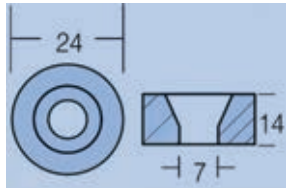
**Code 2480**  
06411-2W1-010\*  
**FOR ENGINES 75/130/225 HP**  
Kg 0,835



**Code 2481**  
41109-2WT-B00\*  
**HONDA 75-130-225 HP**  
Kg 0,225



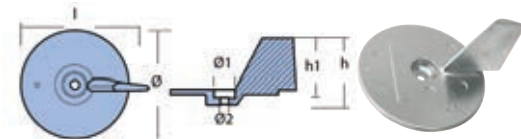
**Code 2482**  
**HONDA 8-10-15 HP**  
Kg 0,050



**Code 2069**  
**RING FOR ENGINES HONDA**  
Kg 0,040



**Code 4055**  
**FOR ENGINES HONDA 75-130-225HP**



**Code 2093**  
**FOR ENGINES HONDA 75-90-115-130HP**

l mm	h mm	h1 mm	Ø mm	Ø1 mm	Ø2 mm	kg
130	74	56	112	23	9	0.550

h mm	Ø mm	Ø1 mm	Ø2 mm	kg
14	24	7	14	0,030

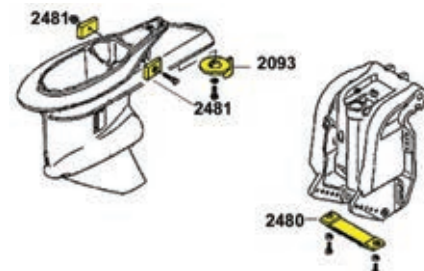
12155-ZW5-000\*

41107-ZW1-BO1ZA\*

**CODE 2108-7**  
**KIT ZINC ANODES HONDA BF**  
The following anodes are included :  
**KIT FOR ENGINES HONDA BF75 - BF90 - BF115 - BF130**  
The kit includes the following :



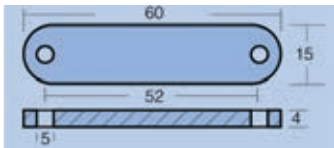
Code	Quantity
2093	1 piece
2480	1 piece
2481	2 pieces



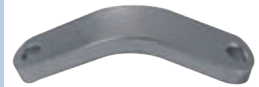
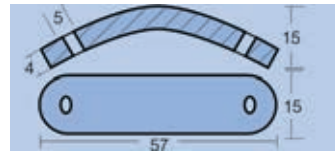
▶ (\*) Original code



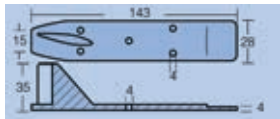
### SELVA ENGINES



**Code 2066**  
FOR ENGINES FB  
Kg 0,025



**Code 2067**  
FOR ENGINES FB  
Kg 0,025



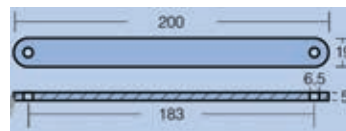
**Code 2116**  
FOR ENGINES 6-8-9,9-15 HP  
Kg 0,100



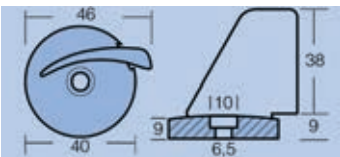
**Code 2117**  
BEST 800 - S1000  
Kg 0,200



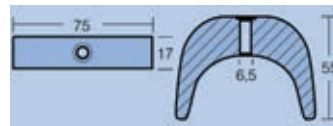
**Code 2456**  
RING FOR ENGINES 6 HP  
Kg 0,010



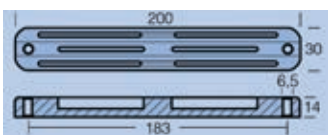
**Code 2068**  
BAR FOR ENGINES  
Kg 0,110



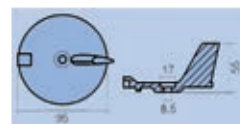
**Code 2070**  
FOR ENGINES 25-40 HP  
Kg 0,070



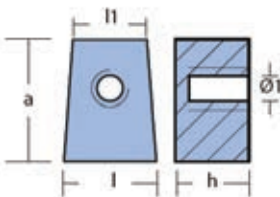
**Code 2111**  
S405 - S700  
Kg 0,205



**Code 2112**  
S600  
Kg 0,400

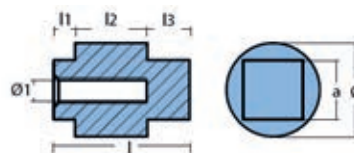


**Code 2120**  
MANTA / BARRACUDA  
Kg 0,220



**Code 4060**  
ANODE FOR SELVA

l	l1	a	h	Ø1	kg
mm	mm	mm	mm	mm	
25	20	35	23	M8	0.120



**Code 4059**  
FOR ENGINES SELVA 80/100 HP

l	l1	l2	l3	a	Ø	Ø1	kg
mm	mm	mm	mm	mm	mm	mm	
33	5	17	10	14	22	M6	0.070

## ANODE INBOARD VOLKSWAGEN MARINE



Code 4935



Code 4938

## VETUS ENGINES



Code 4279  
BP129\*  
KW3  
Kg 0,065

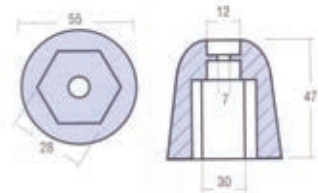
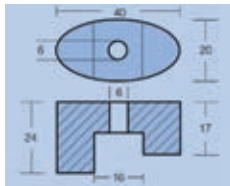


VET

Code	Dimensions mm	Kg
4268-1	150 x 60 x 25	0,97
4268-2	240 x 65 x 29	2,3
4268-3	290 x 55 x 30	2,7

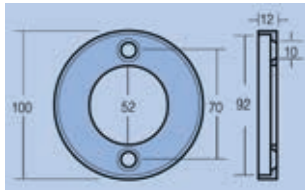


Code 4927  
ANODE FOR  
PROPULSION  
SYSTEM VETUS  
Kg 0,385

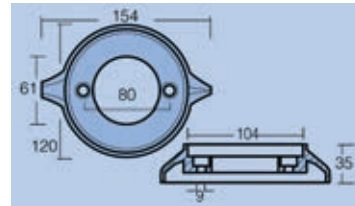


## VOLVO PENTA ENGINES

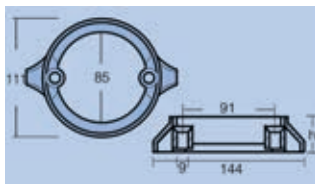
ANODES



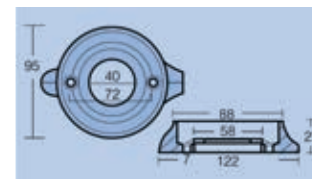
Code 4286  
875810\*  
VOLVO PENTA 100  
Kg 0,205



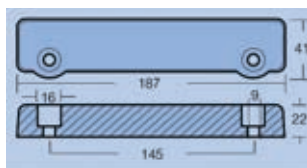
Code 2003  
875815\*  
VOLVO PENTA 280  
Kg 0,755



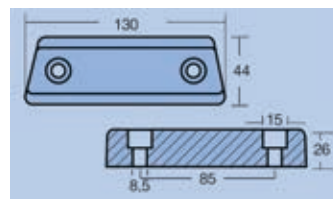
Code 2005  
875821\*  
VOLVO PENTA DUO PROP 290  
Kg 0,570



Code 4283  
876286\*  
VOLVO PENTA 120 STERN DRIVE  
Kg 0,530



Code 2006  
832598\*  
VOLVO PENTA 250-270-280  
Kg 0,950

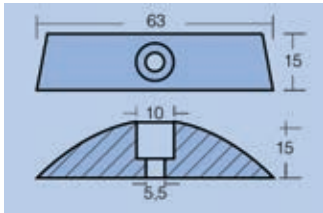


Code 2007  
852835\*  
VOLVO PENTA 290 DUO PROP  
Kg 0,790  
Code 2007-ALUMINUM  
Kg 0,29

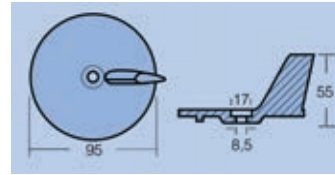


▶ (\*) Original code

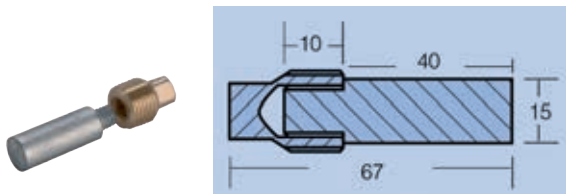
**VOLVO PENTA ENGINES**



**Code 4273**  
852018\*  
**VOLVO PENTA 110-120**  
Kg 0,110



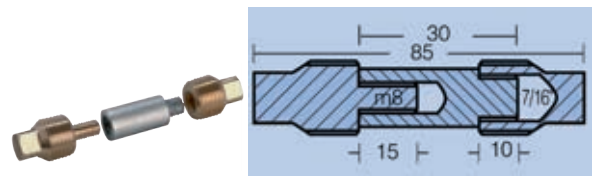
**Code 2060**  
**VOLVO PENTA FB**  
Kg 0,205



V.P. 200-250-270

Code	Diameter mm	Length mm	Kg
<b>2462-1</b>	15	40	0,055

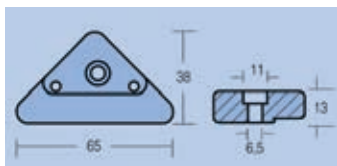
832989\*



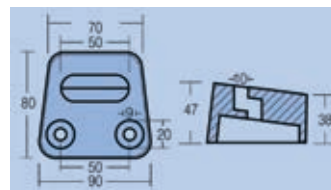
Code	Diameter mm	Length mm	Kg
<b>2463-1</b>	16	30	0,040

**2114** Complete with plug 0,080

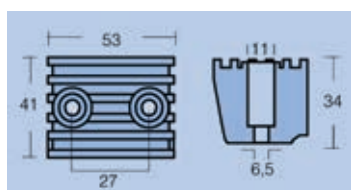
838929\*



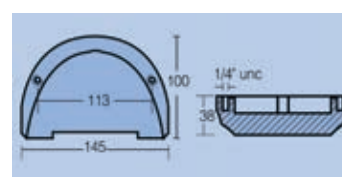
**Code 4271**  
872793\*  
**VOLVO PENTA DUO PROP**  
Kg 0,110



**Code 4284**  
3854130\*  
**S. DRIVE**  
Kg 1



**Code 4287**  
873395\*  
**VOLVO PENTA DPX**  
Kg 0,370

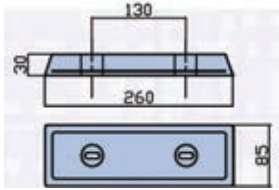


**Code 4282**  
3855411\*  
**VOLVO PENTA**  
Kg 0,970

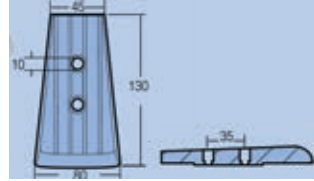
ANODES

▶ (\*) Original code

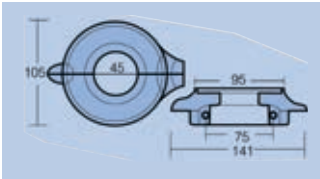
**VOLVO PENTA ENGINES**



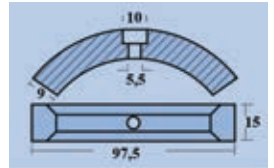
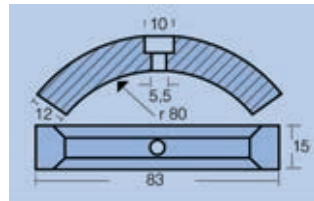
**Code 4936**  
4005875\*  
**VOLVO PENTA IPS**  
Kg 1,600



**Code 4285**  
3588746\*  
**VOLVO PENTA SX**  
Kg 0,860



**Code 4278**  
3586963\*  
**SAIL DRIVE 2002-2003**  
Kg 1,455

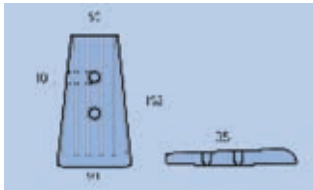


**Code 4276**  
3858399\*  
**FOR PROPELLER SHAFT**  
Kg 0,300

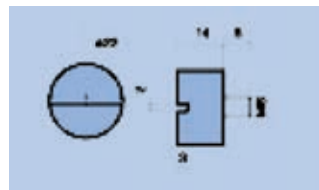
**Code 4276-1**  
3584442\*  
**COLLAR FOR PROPELLER**  
Kg 0,276

▶ (\*) Original code

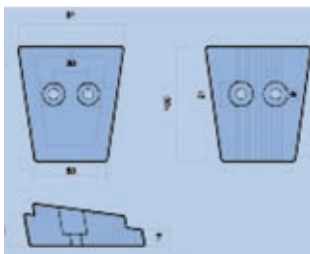
ANODES



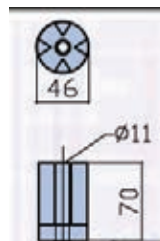
**Code 4556**  
**VOLVO PENTA STERN DRIVE**  
Kg 1,320



**Code 4557**  
**VOLVO PENTA SEAL DRIVE 100**  
Kg 0,035



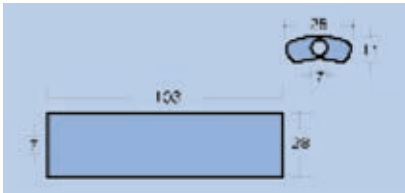
**Code 4558**  
**VOLVO PENTA**  
Kg 1,150



**Code 4559**  
**VOLVO PENTA IPS**  
Kg 0,740

▶ (\*) Original code

## VOLVO PENTA ENGINES

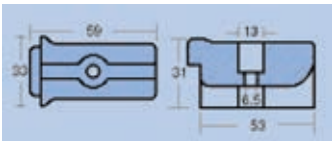


**Code 4560**  
**VOLVO PENTA**  
Kg 0,160

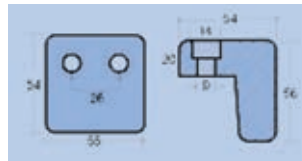


828140\*  
**VOLVO PENTA**

Code	Diameter mm	Diameter 1 mm	Height mm	Height 1 mm	Kg
4561	47	1" unc	80	35	0,500



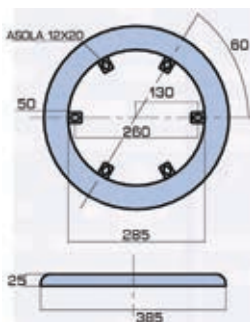
**Code 4562**  
855105\*  
**VOLVO PENTA STERN DRIVE**  
Kg 0,160



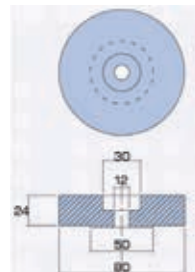
**Code 4563**  
**VOLVO PENTA TRIM 270**  
Kg 0,675



## KAMEWA ENGINES



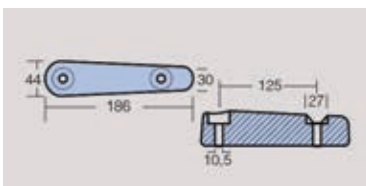
**Code 1704**  
Kg 7,3



**Code 1705**  
Kg 0,75

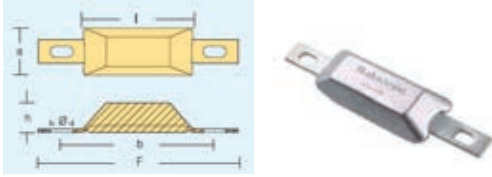


## ANODE FOR ARNESSON PROPULSION SYSTEM



Code	Weight
2087	1,56 Kg

▶ (\*) Original code

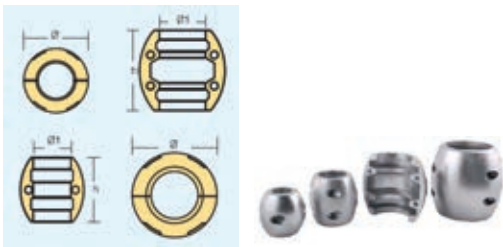


Code	l mm	a mm	h mm	Ø mm	b mm	Kg
<b>1975</b>	85	35	16	13 x 7	114	0,250



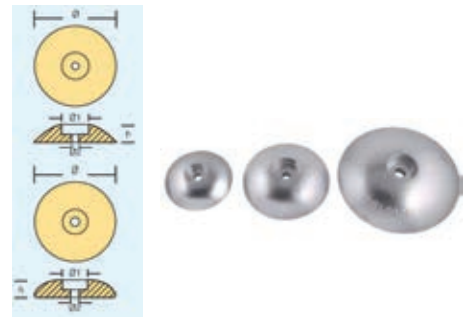
**ANODES**

Code	Ø shaft mm	Ø mm	Ø 2 mm	Ø 3 mm	h	Kg
<b>1998</b>	30	43	9	17	53	0,263
<b>2130</b>	35	46	9	18	62	0,350



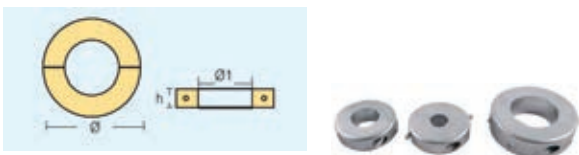
**ANODES FOR SHAFTS**

Code	Ø shaft mm	Ømm	Ø 1 mm	h	holes	Kg
<b>1983</b>	22	58	22	56	2	0,513
<b>1982</b>	25	58	25	56	2	0,502
<b>1984</b>	30	58	30	56	2	0,450
<b>1987</b>	35	65	35	66	4	0,585
<b>1988</b>	38	65	38	66	4	0,550



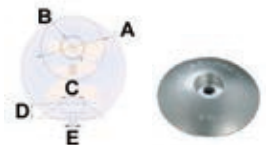
**RUDDER ANODES**

Code	Ø mm	Ø1 mm	Ø 2 mm	h	Kg
<b>1995</b>	70	22	8,5	13	0,203
<b>1996</b>	110	30	11	18	0,700



**ANODES FOR SHAFTS**

Code	Ø shaft mm	Ømm	Ø 1 mm	h	Kg
<b>1989</b>	22	65	22	18	0,310
<b>1990</b>	25	65	25	18	0,297
<b>1991</b>	30	65	30	18	0,271
<b>1994</b>	45	80	45	20	0,410



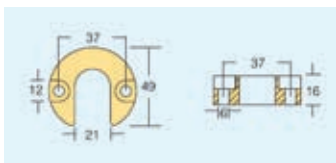
**ANODES**

Code	A mm	B mm	C mm	D mm	E mm	Kg
<b>2144</b>	90	34	31	20	9	0,444

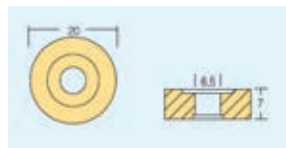
ANODES

▶ (\*) Original code

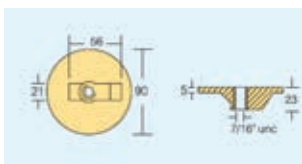
## MERCURY - MERCURISER



**Code 2132**  
**ANODE FOR MERCURY MERCURISER**  
**ALPHA**  
 \*806189  
 Kg 0,113



**Code 2134**  
**ANODE FOR MERCURY MERCURISER**  
**ALPHA 4,5 HP**



**Code 2133**  
**ANODE FOR MERCURY MERCURISER**  
**ALPHA**  
 \*76214-5  
 Kg 0,311



**ANODE FOR MERCURY MERCURISER**

Cod	Ø mm	Ø 1 mm	h mm	Kg	Kg
2135	24	6,5	6,5	0,015	0,444

## SUZUKI



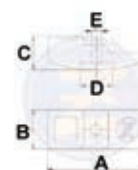
**ANODE FOR SUZUKI ENGINES 65-115 HP**

Code	A mm	B mm	C mm	D mm	E mm	F mm	Kg
2142	40	30	16	13	12	6	0,088



**ANODE FOR ENGINES SUZUKI DF 9,9 -15 HP**

Code	A mm	B mm	C mm	D mm	E mm	F mm	Kg
2145	50	30	15	9	6	4	0,065



**ANODE FOR SUZUKI ENGINES DF 115 -140**

Code	A mm	B mm	C mm	D mm	E mm	Kg
2143	55	22	18	18	6	0,075

## TOHATSU

**ANODE FOR ENGINES TOHATSU 60-140HP**

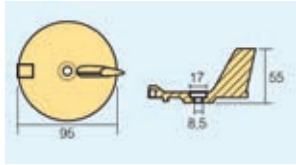


Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Kg
2147	40	15	196	160	177	7	12	0,500

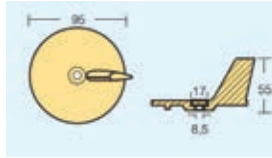
▶ (\*) Original code

▶ ANODES

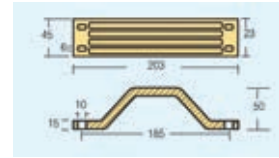
**YAMAHA**



**Code 1980**  
**ANODE FOR YAMAHA MARINER**  
\*67C-45371-00  
Kg 0,215

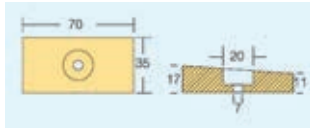


**Code 1981**  
**ANODE FOR YAMAHA MARINER**  
\*664-45371-01  
Kg 0,210

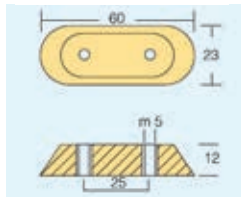


**Code 1979**  
**ANODE FOR YAMAHA MARINER**  
**150/200HP**  
\*6G5-45251-02  
Kg 0,920

**HONDA**



**Code 2136**  
**ANODE FOR HONDA**  
41109-ZW1-B00  
Kg 0,218



**Code 1978**  
**ANODE FOR HONDA**  
411062W-9000  
Kg 0,079

**VOLVO PENTA**



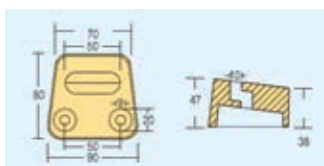
**Code 2137**  
**ANODE FOR VOLVO PENTA**  
\*872793  
Kg 0,120



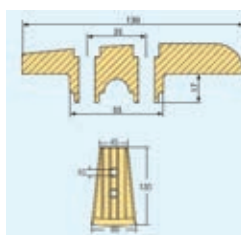
**Code 2138**  
**ANODE FOR VOLVO PENTA**  
\*851983  
Kg 0,485



**Code 1977**  
**ANODE FOR VOLVO PENTA**  
\*852182 h 35mm  
Kg 0,510



**Code 2139**  
**ANODE FOR VOLVO PENTA**  
\*3854130  
Kg 1,040



**Code 2140**  
**ANODE FOR VOLVO PENTA**  
\*3588746  
Kg 0,870



ANODES

▶ (\*) Original code



# NAVIGATION & ELECTRONIC EQUIPMENT

Compasses  
VHF  
Antennas  
Antennas' Bases & Fittings  
Marine Instruments  
Marine Speakers  
Radio/CD Covers  
Binoculars

255-268



**RIVIERA COMPASSES**

Accurate, absolutely reliable and durable, with a wide range in types, colors and designs. They carry the reliability of RIVIERA brand, highly specialised in developing compasses, giving you therefore a guarantee for your right orientation on your trips.

**•BZ COMPASSES**

Approved in accordance to Directive 96/98 EC for Marine Equipment, No CCE 45499/4. Suitable for motorboats, speedboats and sailing boats. High speed version for speeds over 25 knots. Front reading with graduated black card 5°, anti-glare glass and built-in compensation system. Standard 12V lighting.



**Code 1449  
BZ2 - WITH BRACKET MOUNT**  
Base diameter 149 mm.  
Colour: black.



**Code 3316-BLACK  
BZ3 - HORIZONTAL MOUNT**  
Base diameter 127 mm.  
Colour: black.

**•BA COMPASSES**

Directive 96/98 EC for Marine Equipment, No CCE 45499/5. Suitable for motorboats and sailing boats. Front reading with graduated black card 5°, anti-glare glass and built-in compensation system. Standard 12V lighting



**Code 1447  
BA1 -HORIZONTAL  
FLUSH MOUNT**  
Diameter: 134 mm.  
Colour: black.



**Code 1446  
BA2 - WITH BRACKET MOUNT**  
Diameter: 112 mm.  
Colour: black.



**Code 1448  
BA3 - HORIZONTAL MOUNT**  
Base diameter 132,5 mm.  
Colour: black.

NAVIGATION AND ELECTRONIC EQUIPMENT

**•BS COMPASSES**

Suitable for small motorboats and sailing boats. Front reading with graduated black card 5°.

**Code 1453-BLACK  
BS1 - WITH BINNACLE  
MOUNT**  
Base diameter 88 mm.  
Colour: black.



1453

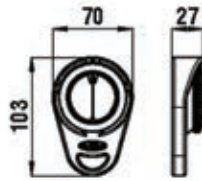
1452

**BS2 - WITH BRACKET**  
For horizontal or vertical mounting.

Code	Diameter mm
<b>1452 - BLACK</b>	109
<b>1452 - GREY</b>	

**•BC COMPASSES**

Suitable for small motorboats and sailing boats. Front reading with graduated black card 5° and binnacle mount.



**NEW**

**COMPASS HANDBEARING FOR LIFERAFT**

Fluorescent Card.  
Rotating Ring.  
Floating.  
Shock Resistant.  
Gimbal type: Jewel and pivot movements  
Reading: Frontal  
Card graduations: 10  
Apparent card diameter 1" 7/8

Code

**3280 - 1 / YELLOW**

**3280 - 2 / BLUE**



**NEW**

Code 1454  
**HAND HELD COMPASS**



**COMPASS OPTRONICS CP-151**

Front reading with graduated card 5° with bracket mount. With durable high-molded glass case and UV protection.

Code

Diameter mm

**4325 - 3 / BLACK**

86

**4325 - 3 / WHITE**



1141-1



1141

**HAND BEARING COMPASS-PRISMA**

The prisma handbearing compass has prismatic reading lens and standard lighting with 1,5V battery. Card graduations 1°, white card. Gimbal type: Jewel and pivot movements. Repairable. It is combined with carry case code 1141-1.

Code

Apparent card diameter mm

**1141**

57,5



**COMPASS OPTRONICS CP-201**

Front reading with graduated card 5° with bracket mount. Zero-Spin technology. With UV protection. Standard 12V lighting.

Code

Diameter mm

**4325 - 1 / BLACK**

114

**4325 - 1 / WHITE**



**COMPASS OPTRONICS CP-101**

Front reading with graduated card 5° with 3 installation methods, bracket - adhesive and suction mount. With UV protection.

Code

Dimensions mm

**4325 - 2 / BLACK**

57 x 63

**4325 - 2 / WHITE**

**CB FIBERGLASS ANTENNA**

It is the longest CB antenna in the product range. It guarantees optimal communication in every type of weather condition, due to the accuracy in the assembly and the heavy duty materials. The special paint with anti-UV filter avoids the deterioration of the coloring and keeps the whip shining white. The new vinyl plastic cap, navy blue, provides a quality, finished appearance to the antenna and it's extremely resistant to high temperatures. Indicated for motorboats. Ideal for big boats. 100% WATERPROOF. With 5m cable RG58.

<b>Code</b>	1830-9
Frequency	27 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Max power input	10 W
Whip material	Fiberglass
Coaxial cable	5 m RG 58 CU MIL
Length	2,4 m
Weight	0,86 Kg



**CB FIBERGLASS ANTENNA**

This antenna has an excellence performance thanks to an excellent quality and an outstanding reliability. The special paint with high gloss finish and anti-UV filter avoids the deterioration of the colouring and keeps the whip shining white. The new vinyl plastic cap, navy blue, provides a quality, finished appearance to the antenna and it's extremely resistant to high temperatures. 100% waterproof. With 5m cable RG58.

<b>Code</b>	1830-7
Frequency	27 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Max power input	10 W
Whip material	Fiberglass
Coaxial cable	5 m RG 58 CU MIL
Length	1,5 m
Weight	0,42 Kg

**VHF FIBERGLASS MOTORBOAT ANTENNA**

Suitable for small boats and RIBs. With only 90 cm length it guarantees the same performance of 150 cm length VHF antennas. Anti - UV high gloss finish and 100% WATERPROOF. The new vinyl plastic cap provides a quality, finished appearance to the antenna and it is extremely resistant to high temperatures. With 5m cable RG58.

<b>Code</b>	1830
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Fiberglass
Coaxial cable	5 m RG 58 CU MIL
Length	0,9 m
Weight	0,39 Kg



**VHF FIBERGLASS ANTENNA**

Top performance VHF Antenna. The accuracy in the assembly and the quality of the materials make this antenna a guarantee of an optimal communication even in the worst weather conditions. The special paint with anti-UV filter avoids the deterioration of the colorings and keeps the whip shining white. The new vinyl plastic cap, navy blue, provides a quality, finished appearance to the antenna and it's extremely resistant to high temperatures. Ideal for big boats. 100% WATERPROOF. With 5m cable RG58.

<b>Code</b>	1830-1
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Fiberglass
Coaxial cable	5 m RG 58 CU MIL
Length	2,4 m
Weight	0,86 Kg

### VHF FIBERGLASS MARINE ANTENNA

It is 100% WATERPROOF. The special paint with anti-UV filter avoids the deterioration of the coloring and keeps the whip shining white. The new vinyl plastic cap, navy blue, provides a quality, finished appearance to the antenna and it's extremely resistant to high temperatures. With 5m cable RG58.

<b>Code</b>	1830-2
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Fiberglass
Coaxial cable	5 m RG 58 CU MIL
Length	1,5 m
Weight	0,42 Kg



### VHF FIBERGLASS ANTENNA

With only 18 cm length it is the shortest VHF antenna of the range, and it is distinguished by its elegant look and glossy chrome finishes. Anti - UV high gloss finish. Designed for fast and small boats, thanks to its versatility it is equally adaptable also to sailboats and medium sized boats. It is equipped with a stainless steel bracket that makes the installation easy and stable, and gives the antenna a perfect stability even during fast navigation and rough sea. 100% waterproof. With 18m cable RG58.

<b>Code</b>	1830-4
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	1 dB
Max power input	50 W
Whip material	Fiberglass
Coaxial cable	18 m RG 58 CU MIL
Length	18 cm
Weight	0,16 Kg



### VHF STAINLESS STEEL ANTENNA

Suitable for small boats and RIBs, that require a light antenna, flexible, resistant and with high performance. The stainless steel whip guarantees high flexibility and resistance, the design is noble and smooth as needed with small boats and RIBs With 5m cable RG58.

<b>Code</b>	1830-3
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Stainless steel
Coaxial cable	5 m RG 58 CU MIL
Length	0,9 m
Weight	0,23 Kg



### VHF STAINLESS STEEL ANTENNA WITH SPACING BRACKET

Designed exclusively for sailing boats, this antenna combines elegance with flexibility due to the quality stainless steel whip and the 20 cm spacing bracket made of anodized aluminium, supplied with the antenna. Ideal for setting the antenna at the right distance from the mast. Without integrated cable.

<b>Code</b>	1830-14
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Stainless Steel
Length	1,0 m
Weight	0,23 Kg



**VHF SAILBOAT STAINLESS STEEL ANTENNA**

It is developed for sailing boats. It combines lightness and flexibility due to the quality stainless steel whip. Its elegant style fits perfectly with the boat design. The antenna is supplied together with a stainless steel mounting bracket that makes the installation quick and stable. Without integrated cable.

Code	1830-10
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Stainless Steel
Length	1,0 m
Weight	0,23 Kg



**VHF SAILBOAT ANTENNA**

It is developed especially for sailing boats. It combines lightness and flexibility with an extreme resistance to atmospheric agents. Its elegant style fits perfectly with the boat design. The antenna is supplied together with a stainless steel mounting bracket that makes the installation quick and stable. Without integrated cable.

Code	1830-11
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Fiberglass
Length	0,9 m
Weight	0,23 Kg



**VHF FIBERGLASS ANTENNA FAST FIT**

This marine antenna is specially designed to solve all the problems related to installation. Its Fast Fit system allows for easy removal of the antenna whenever needed and guarantees protection of the connector. Solid brass elements for high performance, waterproof SO 239 connector, and special paint with anti-UV filter to avoid the deterioration of the coloring. The thread is 1" x 14. The antenna can be replaced without rerunning cable. Without integrated cable.



Code	1830-16
Frequency	156-162 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Fiberglass
Length	1,5 m
Weight	0,37 Kg

**NEW**

**AIS FIBERGLASS ANTENNA**

The Automatic Identification System (AIS) is an automated tracking system used on ships and by Vessel Traffic Services (VTS) for identifying and locating vessels by electronically exchanging data with other nearby ships and VTS stations. AIS transponders use two different frequencies, VHF maritime channels 87B (161.975 MHz) and 88B (162.025 MHz). This antenna is designed to be tuned on the AIS frequencies. Extremely light and performing, 100% WATERPROOF. With anti - UV high gloss finish. With 5m cable RG58.



Code	1830-13
Frequency	161,975-162,025 MHz
Impedance	50 ohm
Electrical length	1/2 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	3 dB
Max power input	50 W
Whip material	Fiberglass
Ferrule	Reinforced nylon
Coaxial cable	5 m RG 58 CU MIL
Length	0,9 m
Weight	0,39 Kg

**AM-FM FIBERGLASS ANTENNA**

This antenna is designed to stay tuned with the radio stations also during your navigation, in order to be able to listen to music and news. The special paint provides a high gloss finish with anti-UV filter avoids the deterioration of the coloring and keeps the whip shining white. This antenna is Easy and light. With 4m cable AM-FM and connector

<b>Code</b>	1830-5
Frequency	88-108 MHz
Impedance	75 ohm
Electrical length	1/2 λ
Whip material	Fiberglass
Cable	4 m AM-FM
Length	0,9 m
Weight	0,13 Kg



**AM-FM FIBERGLASS ANTENNA**

This antenna is designed to stay tuned with the radio stations also during your navigation, in order to be able to listen to music and news. It is easy and light. The special paint with anti-UV filter avoids the deterioration of the coloring and keeps the whip shining white. The new vinyl plastic cap, navy blue, provides a quality, finished appearance to the antenna and it's extremely resistant to high temperatures. 100% WATERPROOF. With 4m cable AM-FM and connector.

<b>Code</b>	1830-12
Frequency	88-108 MHz
Impedance	75 ohm
Electrical length	1/2 λ
Whip material	Fiberglass
Cable	4 m AM-FM + jack
Length	1,5 m
Weight	0,42 Kg



**AM-FM FLEXIBLE ANTENNA**

High performance AM-FM marine antenna suitable for all types of boats. The vinyl plastic whip combines toughness and great flexibility in only 25 cm length, and it guarantees an optimal reception of radio signals when cruising. The anti-UV filter avoids the deterioration of the coloring and keeps the antenna bright white. Moreover, the whip can be easily removed by hand to facilitate trailering, coverage and storage. It is designed to allow easy and quick installation, and the inner rubber gasket prevents leakage. The antenna is supplied together with a 4 m AM-FM cable.

<b>Code</b>	1830-17
Frequency	88-108 MHz
Impedance	75 ohm
Whip material	Vinyl plastic UV resistant
Cable	4 m AM-FM cable
Length	25 cm
Weight	0,09 Kgr



**PROFESSIONAL FIBERGLASS ANTENNA**

This antenna is expressly dedicated to professional sailors, commercial boats and mainland stations. The four radials generate a ground plane that allows you to communicate even in the most difficult situations such as rough sea and strong rolling. The accuracy in the assembly makes this antenna perfectly sealed and resistant in every type of weather condition. Designed for installation on extension mast. Without integrated cable.

<b>Code</b>	1830-15
Frequency	152-162 MHz
Impedance	50 ohm
Electrical length	5/8 λ
V.S.W.R.	< 1,5:1
Polarization	Vertical
Gain	4 dB
Max power input	100 W
Whip material	Fiberglass
Ferrule	Reinforced nylon
Length	1,0 m
Weight	0,60 Kg



**ANTENNA AM/FM**

Waterproof, suitable for use on the boat both for interior and exterior areas..

Code	Dimensions mm	Antenna plug cable length m
1253	L320 x W 35 x H 15	1,5



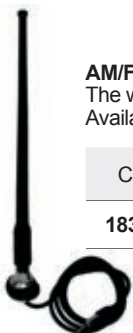
**Code 1691 AM/FM ANTENNA INTERNAL**



**AM/FM ANTENNA**

The whip is manufactured by rubber. Available with cable 120 cm.

Code	Frequency Mhz	Length m
1830 - 6	78 - 108	0,40



**Code 2397 WATERPROOF BAG FOR VHF RADIO**



**HEAVY DUTY FIBERGLASS EXTENSION MASTS**

Fiberglass extension masts in various lengths to raise your antenna and improve the quality of communication. The special paint with anti-UV filter avoids the deterioration of the coloring and keeps the masts shining white. Extremely resistant. Suitable for codes 1830-2, 1830-1, 1830-4, 1830-11, 1830-7, 1830-9, 1830-5, 1830-12, 1830-13, 1830-15.

Code	Length m
1913-03	0,3
1913-1	1



**Code 1832**  
**WIND INDICATOR**  
Wind Indicator with Sensitive Ball Bearing. Made of Plastic. Total Length: 368,3mm

**NEW**



**Code 1829-5**  
**PASS THROUGH**  
Pass thru chrome-plated brass, fix with 3 screws, for cable from 4 to 6.5 mm.



**Code 1829-7**  
**PASS THROUGH**  
White nylon pass-thru for 5mm cable RG-58 from 1 to 3 exits, depending on the cap orientation.



**Code 1917-1**  
**MALE CONNECTOR FOR ANTENNA**  
High quality male connector, nickel plated with silver tip and teflon insulator. Suitable for coaxial cable RG 58. Internal diameter 0,6 cm



**1917-2**  
**MALE CONNECTOR FOR ANTENNA**  
High quality male connector, nickel plated with silver tip and teflon insulator. Suitable for coaxial cable RG 213. It is used especially for long distances installations i.e. when the distance that needs to be covered is longer than 15 m in order not to lose signal quality. Internal diameter 1 cm.



**Code 1835**  
**ANTENNA BASE**  
Nylon for deck mounting.



**Code 3068**  
**ANTENNA BASE PLASTIC**  
For rail with diameter 22-25 mm.



**Code 1829-2**  
**ANTENNA BASE**  
Made of ABS. For rail with diameter 22-25 mm.



**Code 1829-3**  
**ANTENNA BASE**  
Stainless Steel for deck mounting.



**ANTENNA BASE**  
Stainless Steel.

Code	A mm	B mm	C mm
1829 - 4	41	70	25

**NEW**



**Code 4474**  
**CABLE FOR MARINE ANTENNAS**  
Top performance coaxial cable RG-58 CU MIL, 100 m ready use. This cable is specifically designed for the marine environment to guarantee the best signal transmission.

**NYLON ANTENNA BASE**

Made of UV Stabilized Nylon. Suitable for all antennas with female thread.

Code	Base Diameter	Height
1831	70mm	102mm



**NEW**



**Code 3069**  
**ANTENNA BASE**  
For rail with diameter 22 - 25 mm. Stainless steel.





**Code 4324-1**

**Waterproof binoculars with compass 7x50**

7x50 binoculars with compass and illumination system and rangefinder reticule. Ideal for the boat and necessary as navigation instrument. Waterproof, rubber armored with finger impressions for a secure grip. Dry nitrogen charged and sealed with secure and internal O-rings against moisture and fogging, Porro BAK-4 prism, fully coated lens. Individual eye focus. Include fold down eyecups, attached lens caps, lens cloth, deluxe case, adjustable strap and tripod adapter fitting.

Magnification x Objective Lens Diameter	7 x 50
Angle of Vision	7,5°
Exit Pupil	6,8 mm
Eye Relief	23 mm
Near Focus	10 m
Focusing Method	Individual Eye Focus (Diopter Control)
Prism Type	Porro BAK-4
Field of View	132m @1000m
Lens Coating	Multi coated
Weight	0,890 kgr
Dimensions	20 x 8 x 15 cm
Waterproof	Yes
Fog proof	Yes
Range finder reticule	Yes
Compass	Yes
Housing	Rubber



**Code 4324-2**

**Waterproof binoculars 7x50**

7x50 binoculars ideal for the boat. Waterproof, rubber armored with finger impressions for a secure grip. Dry nitrogen charged and sealed with secure and internal O-rings against moisture and fogging, Porro BAK-4 prism, fully coated lens. Individual eye focus. Include fold down eyecups, attached lens caps, lens cloth, deluxe case, adjustable strap and tripod adapter fitting.

Magnification x Objective Lens Diameter	7 x 50
Angle of Vision	7,5°
Exit Pupil	6,8 mm
Eye Relief	23 mm
Near Focus	10 m
Focusing Method	Individual Eye Focus (Diopter Control)
Prism Type	Porro BAK-4
Field of View	132 m @ 1000 m
Lens Coating	Multi coated
Weight	0,820 kgr
Dimensions	20 x 6,8 x 15 cm
Waterproof	Yes
Fog proof	Yes
Housing	Rubber



**NEW**

**Code 4324-9**

**Auto focus Binoculars 7 x 50**

This is a light and easy to use set of binoculars that will help you in your navigation during your cruising. These binoculars combine perfectly 7x magnification power, ruby red coating of the objective lens filtering out red light, and K9 prisms for brighter images. Additionally it offers the convenience of the auto focus, with a wide field of view of 123 at 1000mtrs. It also features foldable eyecups for those viewing with eyeglasses. Its rugged construction with rubber mounting will protect the binoculars and offer you a better grip, even when your hands are wet. They come complete with strap, pouch and covers for the lenses.

Magnification x Objective Lens Diam.	7 x 50
Angle of Vision	7°
Exit Pupil	7,1 mm
Eye Relief	10 mm
Near Focus	10 m
Focusing Method	Auto Focus
Prism Type	K9
Field of View	123 m @ 1000 m
Lens Coating	Multi Coated
Weight	0,780 kgr
Dimensions	6,5 x 18,5 x 18,5 cm
Housing	Aluminum alloy, ABS Rubber

**Code 4324-3**

**Waterproof binoculars 7 x 50**

7x50 binoculars ideal for the boat. Waterproof, rubber armored, Porro BAK-4 prism, fully coated lens. Include fold down eyecups, attached lens caps, lens cloth, deluxe case, adjustable strap and tripod adapter fitting.



Magnification x Objective Lens Diam.	7 x 50
Angle of Vision	7,1°
Exit Pupil	7,14 mm
Eye Relief	24 mm
Near Focus	10 m
Focusing Method	Individual Eye Focus (Diopter Control)
Prism Type	Porro K9
Field of View	124 m @ 1000 m
Lens Coating	Fully coated
Weight	1,035 kgr
Dimensions	19 x 7 x 24 cm
Waterproof	Yes
Fogproof	Yes
Compass	Yes
Housing	Rubber

**Code 4324-4**

**Binoculars 7 x 50**

This is a light and easy to use set of binoculars that will help you in your navigation during your cruising. These binoculars combine perfectly 7x magnification power, ruby red coating of the objective lens filtering out red light, and Porro K9 prisms for brighter images. Additionally it offers with a wide field of view of 123 at 1000mtrs. It also features foldable eyecups for those viewing with eyeglasses. Its rugged construction with rubber mounting will protect the binoculars and offer you a better grip, even when your hands are wet. They come complete with strap, pouch and covers for the lenses.



Magnification x Objective Lens Diam.	7 x 50
Angle of Vision	6,5°
Exit Pupil	7,1 mm
Eye Relief	22,7 mm
Near Focus	10 m
Prism Type	Porro K9
Field of View	123 m @ 1000 m
Lens Coating	Multi-coated
Weight	0,800 kgr
Dimensions	18,5 x 6,5 x 18 cm
Housing	Rubber, ABS

**Code 4324-5**

**Binoculars 8 x 21**

Being light and compact is a must for every boatman, occasional or not. The 130m@1000m field of view, the 2.6mm exit pupil, the centre focus and the Roof prisms provide you with high quality, comfortable vision during the day, according to your needs. Its rugged construction with rubber mounting will protect the binoculars and offer you a better grip, even when your hands are wet. They come complete with strap, pouch and covers for the lenses.



Magnification x Objective Lens Diameter	8 x 21
Angle of Vision	7,1°
Exit Pupil	2,7 mm
Eye Relief	10,5 mm
Near Focus	3 m
Focusing Method	Centre Focus
Prism Type	Roof K9
Field of View	128 m @ 1000 m
Lens Coating	Fully coated
Weight	0,164 kgr
Dimensions	10,2 x 9,2 x 3,2 cm
Housing	Rubber

**Code 4324-6**
**Waterproof binoculars 7 x 50**

7 x 50 binoculars ideal for the boat. Ergonomic design, especially for navigation. Waterproof, rubber armored, Porro BAK-4 prism, fully coated lens equipped with range finder reticule and compass. Includes fold down eyecups, attached lens caps, lens cloth, deluxe case, adjustable strap and tripod adapter fitting.

Magnification x Objective Lens Diameter	7 x 50
Angle of Vision	6,6°
Exit Pupil	6,5 mm
Eye Relief	24 mm
Near Focus	7 m
Focusing Method	Center Focus
Prism Type	Porro BAK4
Field of View	116 m @ 1000 m
Lens Coating	Multi Coated
Weight	1,210 kgr
Dimensions	19,3 x 7,8 x 19,8 cm
Waterproof	Yes
Fog proof	Yes
Range finder reticule	Yes
Compass	Yes
Housing	Rubber


**Code 4324-7**
**Laser Rangefinder 6 x 25**

Rangefinder with safe laser operation, indicating the distance in a digital screen LCD. It provides accurate measurement and is very useful for the boat and hunting.

Magnification x Objective Lens Diameter	6 x 25
Angle of Vision	8°
Exit Pupil	12 mm
Eye Relief	24 mm
Measuring Range	15-600 m
Telescope Multiplying Factor	x 6
Measuring Method	Semiconductor Laser
Measuring Display	LCD Display
Focusing Method	Eyepiece Focusing
Field of View	140 m @ 1000 m
Lens Coating	Multiple filming
Weight	0,18 kgr
Dimensions	4 x 10 x 7 cm
Water impermeability	Yes
Batteries	CR2


**Code 4324-8**
**Night Vision Scope**

Ideal equipment for night vision. It is equipped with internal lamp for increased sharpness and it is characterized by low consumption. It can be used in boats, camping, paintball and any kind of explorations.

Magnification x Objective Lens Diameter	3x42
Angle of Vision	17°
Exit Pupil	6mm
Eye Relief	12mm
Focusing Range	3m-∞
Maximum observing distance	150-200m(ambient light illumination 10-2LUX)
Field of View	299m/1000m
Lens Coating	Multi coated
Weight	0,42 kgr
Dimensions	17,2 x 8,2 x 6 cm
Batteries	3V,CR123A



## ELECTRONIC HIGH PRECISION NAVIGATION INSTRUMENTS KUS

Specifications:

- Anti-glare and anti-scratch coating
- Low magnetic field – not affecting the compass or other instruments
- No oscillation index
- Waterproof
- With red or yellow light (can be used as alarm indication)

Are included : instructions, cable plug, resistance for 24V connection. Sensor is included in amperimeters and rudder angle gauges.

RING / FACEPLATE



BLACK / BLACK	WHITE / WHITE	STAINLESS STEEL/ BLACK	STAINLESS STEEL/ WHITE	DESCRIPTION	VOLT	Ø
4506 - BLACK	4506 - WHITE	4506 - INOX	-	Amperimeter 80 A with sensor	12/24	52 mm
4740 - BLACK	4740 - WHITE	4740 - INOX	4740 - INW	Digital Amperimeter 80A with sensor	12/24	52 mm
4507 - BLACK	4507 - WHITE	4507 - INOX	4507 - INW	Clock	12/24	52 mm
4508 - BLACK	4508 - WHITE	4508 - INOX	4508 - INW	Fuel level gauge	12/24	52 mm
4509 - BLACK	4509 - WHITE	4509 - INOX	4509 - INW	Oil pressure gauge 5 BAR	12/24	52 mm
4510 - BLACK	4510 - WHITE	4510 - INOX	4510 - INW	Oil pressure gauge 10 BAR	12/24	52 mm
4511 - BLACK	4511 - WHITE	4511 - INOX	4511 - INW	Oil temperature gauge	12/24	52 mm
4512 - BLACK	4512 - WHITE	4512 - INOX	4512 - INW	Trim gauge	12/24	52 mm
4513 - BLACK	4513 - WHITE	4513 - INOX	4513 - INW	Holding tank gauge	12/24	52 mm
4514 - BLACK	4514 - WHITE	4514 - INOX	4514 - INW	Speedometer 35 MPH	12/24	85 mm
4515 - BLACK	4515 - WHITE	4515 - INOX	4515 - INW	Speedometer 55 MPH	12/24	85 mm
4516 - BLACK	4516 - WHITE	4516 - INOX	4516 - INW	Speedometer 65 MPH	12/24	85 mm
4517 - BLACK	4517 - WHITE	4517 - INOX	4517 - INW	Tachometer 4000 RPM + Digital hourmeter	12/24	85 mm
4518 - BLACK	4518 - WHITE	4518 - INOX	4518 - INW	Tachometer 6000 RPM + Digital hourmeter	12/24	85 mm
4519 - BLACK	4519 - WHITE	4519 - INOX	4519 - INW	Tachometer 8000 RPM + Digital hourmeter	12/24	85 mm
4520 - BLACK	4520 - WHITE	4520 - INOX	4520 - INW	Voltmeter 8 - 16 V	12/24	52 mm
4521 - BLACK	4521 - WHITE	4521 - INOX	4521 - INW	Water level gauge	12/24	52 mm
4522 - BLACK	4522 - WHITE	4522 - INOX	4522 - INW	Water temperature gauge	12/24	52 mm
4523 - BLACK	4523 - WHITE	4523 - INOX	4523 - INW	Digital voltmeter 8 -32 V	12/24	52 mm
4524 - BLACK	4524 - WHITE	4524 - INOX	4524 - INW	Digital water temperature gauge	12/24	52 mm
4525 - BLACK	-	-	-	LED Tank level gauge	12/24	52 mm
-	-	4526 - INOX	4526 - INW	Multifunction Gauge: Water temperature / Oil pressure / Tachometer	12/24	85 mm
4527 - BLACK	4527 - WHITE	4527 - INOX	4527 - INW	Digital hourmeter	12/24	52 mm
4681 - BLACK	4681 - WHITE	4681 - INOX	4681 - INW	Rudder angle gauge	12/24	52 mm



Voltmeter



Tachometer



Oil pressure gauge



Digital voltmeter



Multifunction gauge



Amperimeter



Water temperature gauge



Speedometer



Fuel level gauge



Digital hourmeter



Rudder angle gauge



Digital amperimeter 80A



Clock



Oil Temperature gauge



Trim gauge



Holding tank gauge



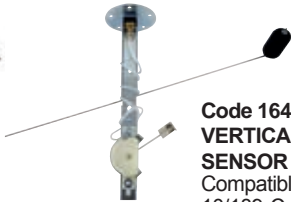
Water level gauge



Digital water temperature gauge



**Code 4529  
RUDDER  
SENSOR**

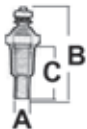


**Code 1643  
VERTICAL LEVEL  
SENSOR**

Compatible with EU type 10/189 Ω. Using an adaptor it can be connected to American type 240/30Ω as well.



**KUS WATER  
TEMPERATURE SENSOR**  
Diameter 6 mm.



Code	A mm	B mm	C mm	D mm
4528	8	52	22	13



**Code 1648  
UNIVERSAL  
PILOT PIPE**  
For speedometer tube.



**VERTICAL LEVEL  
SENSOR**

Electrical and stainless steel. Vertical application. Compatible with EU type 10/189 Ω. Using an adaptor it can be connected to American type 240/30Ω as well.

Code	Length cm
1645 - 17	17
1645 - 20	20
1645 - 22	22
1645 - 25	25
1645 - 30	30
1645 - 33	33
1645 - 40	40
1645 - 45	45
1645 - 50	50
1645 - 55	55

**PRESSURE SENSOR KUS  
WHITE ZINC PLATED**

Code	Thread	Measuring Range (Bar)	Ø mm
3160	M10 x 1	0 - 10	40



**Code 4453  
FUEL LEVEL SENSOR -  
FUEL LEVEL GAUGE ADAP-  
TOR**

It is used to make compatible with each other different impedances. For example, it is able to connect a 10/180Ω (European type) level sensor with a 240/30Ω (American type) fuel level gauge.

**ULTRASONIC WINDMETER**

Uses patented ultrasonic technology to read current wind speed, maximum headwind and tailwind, 5-second average and running average. Responds rapidly. Also measures temperature and wind chill. Easy to use, easy to read thanks to its large lcd panel, simple to function and waterproof. Comes with adjustable wrist lanyard, velcro strap with mounting bracket and standard tripod mounting thread. Operates with a 3-volt lithium battery, lasting up to 600 hours.



Code	Dimensions cm	Weight gr
4405	L 12,6 x W 7,6 x H 1,9	100



**CLINOMETER**  
Plastic with two scales.

Code	Dimensions mm
3672 - 1	L 100 x W 83



**CLINOMETER**  
Made of brass and plastic.

Code	Dimensions mm
1649	L140x W105xH66



**SPEEDOMETER TUBE**

Code	Ext. Diam. mm	Int. Diam. mm
1642	7	3



**WHITE SPEAKERS (pair)**

Resistant to corrosion, suitable for installation in boat interior or outdoor.

Code	Ø mm	Depth mm	Watt	Ohm	Frequency
<b>3062 - 2</b>	165	75	160	4	65 Hz - 20 KHz



**WHITE SPEAKERS (pair)**

Resistant to corrosion, suitable for installation in boat interior or outdoor.

Code	Dimensions mm	Watt	Ohm	Frequency
<b>3062 - 4</b>	Ø 146 mm x Depth 60 mm	120	4	80 Hz - 15 KHz



**WATERPROOF MP3 PLAYER WITH USB**

For marine use. With integrated radio, LCD high definition screen with white light, activate protection and rubber buttons.

Code	Outputs	Dimensions cm
<b>1252</b>	2x7W	L 13.5 x W 10.5 x H 9



**NON-MAGNETIC STEREO LOUDSPEAKERS**

With swiveling bracket. Made of UV-resistant thermoplastic material with stainless steel bracket. They are waterproof therefore are suitable for indoor and outdoor use.

Code	Type	Dimensions mm	Watt	Hz	Ohms	Color
<b>3169</b>	Double cone	L 125 x H 118 x D 105	50	100-18.000	4	White

NAVIGATION AND ELECTRONIC EQUIPMENT

**RADIO/CD FRONT COVER**

Universal for all radios. Waterproof. Color: white.

Code	Dimensions mm
<b>2630</b>	230 x 86



**Code 3281**  
**RADIO/CD COVER**  
Color: white. Dimensions :108mm x 225mm



**RADIO/CD-PLAYER COVER EVAL**

Made of ABS plastic with UV resistance. Stylish & ergonomic design with semi-transparent plastic front cover with practical one-touch opening system for easy operation.

Code	Dimensions mm	Color
<b>2629</b>	L245 x H110 x Depth 90	White

**RADIO/CD-PLAYER COVER WITH BOX EVAL**

Made of ABS plastic with UV resistance. Stylish & ergonomic design with semi-transparent plastic front cover with practical one-touch opening system for easy operation. Universal mounting for outdoor areas.

Code	Dimensions mm	Color
<b>2638</b>	L245 x H110 x Depth 230	White

# ELECTRICAL EQUIPMENT

- Navigation Lights
- Pole Navigation Lights
- Flashlight
- Spot Lights
- Swivel Lamps
- Ceiling Lamps
- Switch Panels
- Switches
- Battery Selectors
- Electric Sockets
- Fuses And Fuse Blocks
- Connectors
- Solar Pannels
- Windscreens
- Battery Starters
- Battery Converters
- Battery Boxes
- Battery Poles
- Generators
- Blowers

269-325



**ALL EVAL NAVIGATION LIGHTS ARE PACKED IN BLISTER**

**STARBOARD, PORT, STERN AND MASTHEAD LIGHTS (boats up to 12 m)**

Starboard, port, stern and masthead lights are available in a big variety of shapes and sizes suitable for vessels up to 12m. They are made of polycarbonate and polyamide glass fibre reinforced material and they are approved in accordance to COLREG72 "International Regulation for the avoidance of collision at sea".

They include a 12V – 10W. NAVIGATION LIGHTS CAN BE COMBINED WITH THE LED BULBS IN PAGE 281

Approved by: RINA (Royal Institution of Naval Architects), HMMM Hellenic Ministry of Merchant Marine

**NAVIGATION LIGHTS APPROVED FOR BOATS UP TO 12m**



**STARBOARD LIGHT, GREEN**

Spare glass, code 50177-G. 12V/10W, 112.5°

Code
784 - BLACK
784 - WHITE
784 - CHROME



**PORT LIGHT, RED**

Spare glass, code 50177-R. 12V/10W, 112.5°

Code
777 - BLACK
777 - WHITE
777 - CHROME



**STERN LIGHT, WHITE**

Spare glass, code 50177-W. 12V/10W, 135°

Code
785 - BLACK
785 - WHITE
785 - CHROME



**MASTHEAD LIGHT, WHITE**

Spare glass, code 50177-W. 12V/10W, 225°

Code
918 - BLACK
918 - WHITE
918 - CHROME

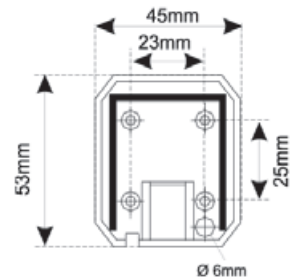
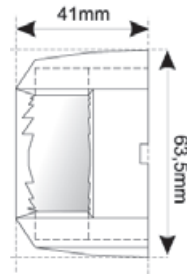


**Code 4476 - 3**  
Led for codes 784\*, 777\*, 785\*, 918\*



▶ For codes 777, 784, 785 & 918 is offered waterproof flange-sticker that works as a guide for the holes.

Dimensions for codes: 784,777,785,918



**STARBOARD LIGHT, GREEN**

Spare glass code PA1310-3. 12V/10W, 112.5°

Code	Διαστ.
1310 - BLACK	36x69,5mm
1310 - WHITE	



**PORT LIGHT, RED**

Spare glass code PA1313-1. 12V/10W, 112.5°

Code	Διαστ.
1313 - BLACK	36x69,5mm
1313 - WHITE	



**STERN LIGHT, WHITE**

Spare glass code PA1311-1. 12V/10W, 135°

Code	Διαστ.
1311 - BLACK	36x69,5mm
1311 - WHITE	



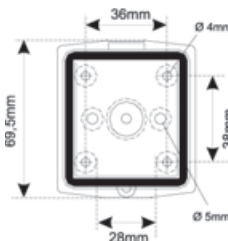
**MASTHEAD LIGHT, WHITE**

Spare glass code PA1311-1. 12V/10W, 225°

Code	Διαστ.
1312 - BLACK	36x69,5mm
1312 - WHITE	



**Code 4476 - 4**  
Led for codes 1310\*, 1313\*, 1311\*, 1312\*



Dimensions for codes: 1310, 1313, 1311, 1312.



NAVIGATION LIGHTS APPROVED FOR BOATS UP TO 12m



**STARBOARD LIGHT, GREEN**

Spare glass, code PÁ3010. 12V/10W, 112.5°

Code
3010 - BLACK
3010 - WHITE
3010 - CHROME



**PORT LIGHT, RED**

Spare glass, code PÁ3011. 12V/10W, 112.5

Code
3011 - BLACK
3011 - WHITE
3011 - CHROME



**STERN LIGHT, WHITE**

Spare glass, code PÁ3012. 12V/10W, 135°

Code
3012 - BLACK
3012 - WHITE
3012 - CHROME



**MASTHEAD LIGHT, WHITE**

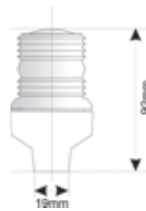
Spare glass, code PÁ3012. 12V/10W, 225°

Code
3013 - BLACK
3013 - WHITE
3013 - CHROME



3206-White

3206-Black



**ALL- AROUND LIGHT**  
With white glass, for pole Ø 19 mm, 12V/10W, 360°. Spare glass code PÁ3206-2.

Code
3206 - BLACK
3206 - WHITE
3206 - CHROME

**Code 4476 - 4**  
Led for codes 3010\*,3011\*,3012\*,3013\*

**DIMENSIONS OF CODES :**  
3010,3011,3012,3013

▶ All navigation lights are packed in blister



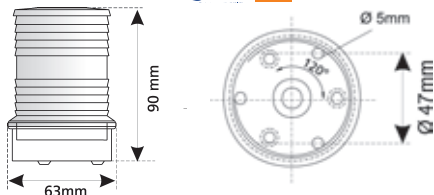
1307-White



1308-White



1309-White



**ALL- AROUND LIGHT**  
With white, red and green glass, 12V/10W, 360°. Available the spare glass, code 1323, 1323-red

Code	Glass color	Base color
1307 - BLACK	RED	BLACK
1307 - WHITE	RED	WHITE
1308 - BLACK	WHITE	BLACK
1308 - WHITE	WHITE	WHITE
1309 - BLACK	GREEN	BLACK
1309 - WHITE	GREEN	WHITE



3205 - Black



3216 - Black



3215 - Black



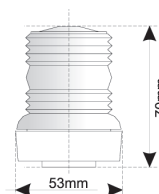
3205 - White



3216 - White



3215 - White



**ALL- AROUND LIGHT**  
With white, red and green glass, 12V/10W, 360°. Spare glasses code PÁ3206-2, PÁ3216-1, PÁ3215-1 accordingly.

Code	Glass color	Base color
3205 - BLACK	WHITE	BLACK
3205 - WHITE	WHITE	WHITE
3215 - BLACK	GREEN	BLACK
3215 - WHITE	GREEN	WHITE
3216 - BLACK	RED	BLACK
3216 - WHITE	RED	WHITE

**SIDE NAVIGATION LIGHTS FOR BOATS UP TO 12m**



**LED SIDE MOUNT NAVIGATION LIGHTS**

Suitable for boats up to 12 m.  
With white nylon cover and base. It's small size, of 6,6 cm diameter, makes it suitable for fitting in small areas.

Code	Type	Diameter mm	Height mm
<b>3014 - 7</b>	12V 5W	66	43
<b>3014 - 8</b>	12V LED	66	43



**NAVIGATION LIGHTS**

Suitable for boats up to 12 m.  
With stainless steel cover and nylon base.

Code	Type	Dimensions mm
<b>3014 - 5</b>	12V 5W	L 76,2 x W 39 x H 53,3
<b>3014 - 6</b>	12V LED	



**NAVIGATION LIGHTS**

Suitable for boats up to 12 m, with stainless steel cover.  
Available in pair RED-GREEN. Available spare lamp with code PA 4357.

Code	Type	Dimensions mm
<b>4357</b>	12V/ 10W	ø71 x H 41



**NAVIGATION LIGHTS**

Suitable for boats up to 12 m.  
With white nylon cover and base.

Code	Type	Dimensions mm
<b>3014 - 3</b>	12V 5W	L 76,2 x W 39 x H 53,3
<b>3014 - 4</b>	12V LED	



**NAVIGATION LIGHTS**

Suitable for boats up to 12m.  
With stainless steel cover and nylon base.

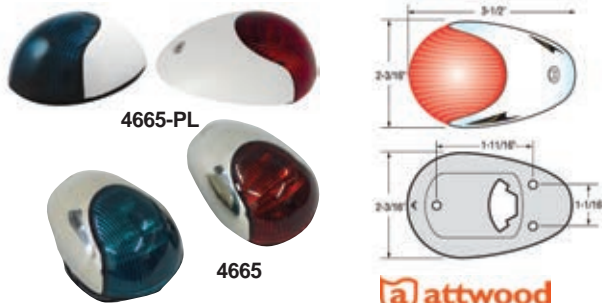
Code	Type	Dimensions mm
<b>3014 - 1</b>	12V 5W	L 88,9 x W 55,9 x H 35,6
<b>3014 - 2</b>	12V 100mA LED	



**NAVIGATION SIDE LIGHTS**

Available in pair: red – green  
with white plastic cover, 12V/10W

Code	Dimensions cm
<b>4250</b>	L 9 cm x W 5,7 cm x H 4 cm



**SIDE MOUNT NAVIGATION LIGHTS**

Available in pair red-green with shell either stainless steel or plastic, 112,5° - Vertical mounting 12V/10W .

Code	Dimensions cm	Shell
<b>4665</b>	L 8,89 x W 5,55	Stainless Steel
<b>4665-PL</b>		White Plastic



**NAVIGATION SIDE LIGHTS**

Available in pair: red - green with white cover, 12V/10W

Code	Dimensions cm
<b>3577</b>	L 13 x W 6 x H 5

## SIDE NAVIGATION LIGHTS FOR BOATS UP TO 12M



**NAVIGATION STAINLESS STEEL SIDE LIGHTS 12V/3W**  
Available in pair: red - green.

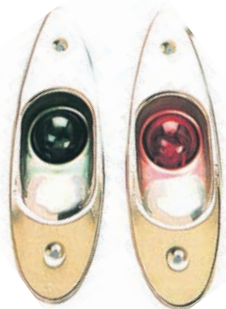
Code	Dimensions cm
1335	L 10 x W 5,5



**NAVIGATION LIGHTS WITH BATTERIES**

Waterproof with mirror and special mounting base. They operate with one alkaline battery LR20 Size D. Duration of continuous use approx. 9 hours.

Code	Height cm	Diameter cm
1344 - GREEN	14	4,5
1344 - RED		
1344 - WHITE		
1344 - BLISTER PACKAGE OF ALL 3 LIGHTS GREEN-RED-WHITE		



**NAVIGATION STAINLESS STEEL SIDE LIGHTS 12V**

Flush mounted.  
Available in pair: red - green. 12V-5W

Code	Dimensions cm
1333	L 19 x W 6



**NAVIGATION SIDE LIGHTS**

Flush mounted. Available in pair: red - green, 12V-5W. Available with a waterproof flange-sticker that works as a guide for the holes.

Code	Dimensions cm
1336 - BLACK	L 19,5 x W 6
1336 - WHITE	
1336 - CHROME	



**FLUSH MOUNT SIDE LIGHTS INOX 316**

Available in pair : red - green It can also be combined with a LED lamp with code 4476-1. 12V-5W

Code	Dimensions cm	Lamp
1333 - 1	L 15 x W 6	Standard

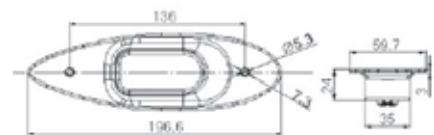


**NEW**

**SIDE NAVIGATION LIGHTS LED INOX**

LED side navigation lights, waterproof IP 67, flush mount, certified according to IMO COLREG 72, USCG and ABYC A-16. Available in pair red - green. The screws are included.

Code	Type	Volt	Watt	Visibility	Cut out dimensions mm
1553	LED Flush mount	12V	Red 1,5W	2N.M.	44 x84
			Green 0,9W		



## STERN NAVIGATION LIGHTS



**STAINLESS STEEL STERN LIGHT**  
Flush mount, 12V/10W.

Code	Dimensions cm
1338	L 13 x W 8,5 x 4 (Depth)



**STAINLESS STEEL STERN LIGHT**  
Flush mount, 12 V / 7,5 W.

Code	Dimensions Ø / cm
1339	7,6



**Code 3214-B**

**MASTHEAD NAVIGATION LIGHT**

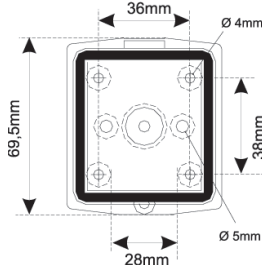
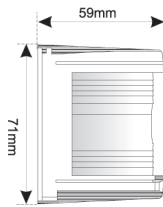
With white deck spotlight. Plastic, black, suitable for vessels up to 12m. 12V/10W.

**BICOLOR NAVIGATION LIGHTS FOR BOATS UP TO 12m**



**BICOLOR NAVIGATION LIGHT**  
For vessels up to 12 m, 12V/10W, 225°.

Code	Dimensions mm
<b>4309 - BLACK</b>	L 71 x W 59
<b>4309 - WHITE</b>	



**BICOLOR NAVIGATION LIGHT**  
For vessels up to 12 m, 12 V, 225° 6W.

Code	Dimensions mm
<b>4310 - BLACK</b>	L 59 x W 42
<b>4310 - WHITE</b>	



**COMBINATION RED-GREEN NAVIGATION LIGHT**  
12V-5W, 112.5° red - 112.5° green.

Code	Dimensions cm
<b>1327 - WHITE</b>	L 10 x W 8
<b>1326-CHROME</b>	L 10 x W8



**BICOLOR NAVIGATION LIGHT (RED-GREEN)**  
For vessels up to 12m, 12V/10W, 225°.

Code	Dimensions cm
<b>3249</b>	L 75mm x W 65mm



**Code 3109 BICOLOR STAINLESS STEEL NAVIGATION LIGHT (Green - red)**  
112.5° red -112.5° green 12V/10W, Ø 5.5 cm.



**NEW**

**BICOLOR ALL ROUND NAVIGATION LIGHT**  
Bicolor all round navigation light for boats up to 12 meters.

Code	Color	Volt	Watt	Visibility	Dimensions cm
<b>3540-W</b>	White	12V	10W	1 NM	Height 10
<b>3540-B</b>	Black				

**LED NAVIGATION LIGHTS FOR BOATS UP TO 12m**

**NEW**



**NAVIGATION LIGHTS WITH LED MODULE FOR HULLS UP 12 METERS**  
Made of black polycarbonate. CE certification.

Code	Type	Version	LED bulb Volt	Watt, Amps	Visibility	Dimensions mm
<b>3008-1</b>	112,5° left GREEN	For boats up to 12 meters	12V/24V	1,2W, 0,1A	1 N.M	L 75 x W 65 x H 55
<b>3008-2</b>	112,5° right RED				1 N.M	
<b>3008-3</b>	225° WHITE Masthead				2 N.M	
<b>3008-4</b>	135° WHITE Stern				2 N.M	
<b>3008-5</b>	225° BICOLOR GREEN/ RED				1 N.M	

## LED NAVIGATION LIGHTS FOR BOATS UP TO 12m



NEW

**NAVIGATION SIDE LIGHT LED**  
Navigation side light LED for boats up to 12 meters.

Code	Light Color	Casting color	Volt	Watt, Amps	Dimensions mm
<b>3538-1 GREEN</b>	Green	White / Plastic	12V/24V	0,3W, 25 mA	L 98 x W 55 x H 35
<b>3538-1 R</b>	Red				
<b>3538-2 GREEN</b>	Green	Stainless Steel			
<b>3538-2 R</b>	Red				

**SIDE NAVIGATION LIGHTS LED**  
Available in pair : red - green with white plastic or stainless steel shell, 12V, Red 0,9W, Green 0,9W.

Code	Dimensions cm	Type
<b>4249</b>	L 9,5 x W 5,7	Stainless Steel
<b>4248</b>	L 9,5 x W 5,7	Plastic



4249



4248



NEW

**BICOLOR NAVIGATION LIGHT LED, 225°**  
Bicolor navigation light, white plastic with LED 225°. For boats up to 12 meters.

Code	Volt	Watt, Amps	Visibility	Dimensions mm	Color
<b>1239-1W</b>	12V/24V	0,3W, 25mA	1 N.M	L 84 x W 56 x H 43	White
<b>1239-1 INOX</b>	12V/24V	0,3W, 25mA	1 N.M	L 84 x W 56 x H 43	Stainless Steel



4708-G



4708-R

**LED MOUNT NAVIGATION LIGHTS 112.5°**  
Visibility range 2nm

Code	Dimensions cm	Volt	Watt
<b>4708-G</b>	L 6,37 x W 4,18	12	0,5
<b>4708-R</b>	x H 8,94	12	0,5



**ALL ROUND LED NAVIGATION LIGHT**  
Made of PC.

Code	Dimensions cm	Volt	Watt
<b>4711</b>	Ø 6,0 x H 8,5	12	1



NEW

**ALL ROUND NAVIGATION LIGHT LED STAINLESS STEEL**  
All round navigation light stainless steel.

Code	Volt	Watt	Dimensions
<b>3541</b>	12V/24V	0,3W	Height 10 cm



NEW

**PLUG IN ALL ROUND NAVIGATION LIGHT LED**  
All round navigation light with stainless steel pole, socket and LED.

Code	Type	Color	LED	Watt, Amps	Dimensions mm
<b>3539</b>	All round light 360o	White	12V/24V	0,3W, 25 mA	Plug-in base H 70 mm x Ø 68 mm Light total height 53 cm



**ALL-AROUND LED LIGHT**  
With plastic base in black or white color and six LED lights. 12V-1W.

Code	Height cm
<b>4471 - WHITE</b>	10
<b>4471- BLACK</b>	10

**SIDE NAVIGATION LIGHTS APPROVED FOR BOATS UP TO 20m**



**STARBOARD LIGHT, GREEN**  
Spare glass code PÁ3020. 12V/15W, 112.5°

Code
<b>3020 - BLACK</b>
<b>3020 - WHITE</b>

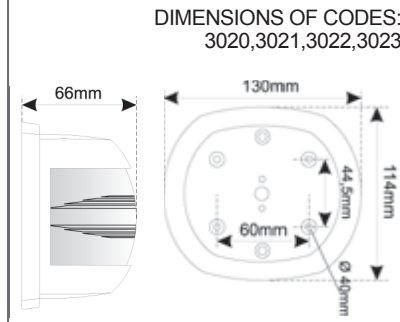


**STERN LIGHT, WHITE**  
Spare glass code PÁ3022. 12V/15W, 135°

Code
<b>3022 - BLACK</b>
<b>3022 - WHITE</b>

**STARBOARD, PORT, STERN AND MASTHEAD LIGHTS (boats up to 20 m)**  
Starboard, port, stern and masthead lights are suitable for vessels up to 20 m. They are made of polycarbonate and polyamide glass fibre reinforced material and they are approved in accordance to COLREG72 "International Regulation for the avoidance of collision at sea". They include a lamp 12V – 15W. Approved by : HMMM Hellenic Ministry of Merchant Marine

**Code 4476 - 4**  
Led bulbs for codes 3020\*,3021\*,3022\*,3023\*



**PORT LIGHT, RED**  
Spare glass code PÁ3021. 12V/15W, 112.5°

Code
<b>3021 - BLACK</b>
<b>3021 - WHITE</b>



**MASTHEAD LIGHT, WHITE**  
Spare glass code PÁ3022. 12V/15W, 225°

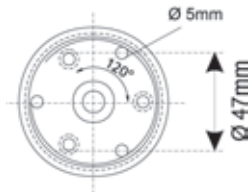
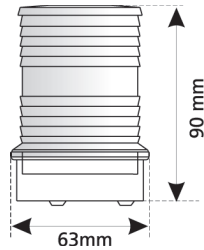
Code
<b>3023 - BLACK</b>
<b>3023 - WHITE</b>

**ALL-AROUND NAVIGATION LIGHTS APPROVED FOR BOATS UP TO 20m**

**ALL-ROUND LIGHTS (boats up to 20 m)**  
All-round navigation lights suitable for vessels up to 20m. They are made of polycarbonate and polyamide glass fibre reinforced material and they are approved in accordance to COLREG72 "International Regulation for the avoidance of collision at sea". They include a lamp 12V – 15W.

**ALL- AROUND LIGHT**  
With white and red glass, 12V/15W, 360°. Spare glass, code 1323, 1323 - red

Code	Glass color	Base color
<b>3024 - BLACK</b>	<b>WHITE</b>	<b>BLACK</b>
<b>3024 - WHITE</b>	<b>WHITE</b>	<b>WHITE</b>
<b>3025 - BLACK</b>	<b>RED</b>	<b>BLACK</b>
<b>3025 - WHITE</b>	<b>RED</b>	<b>WHITE</b>



3024-Black

3024-White

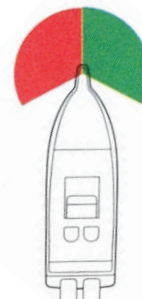
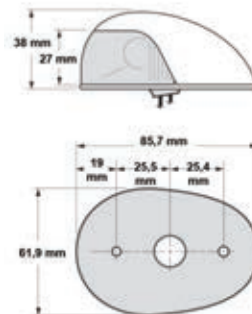


3025-Black

3025-White

**Code 4661**  
**STAINLESS STEEL BICOLOR NAVIGATION LIGHT (GREEN-RED)**

112.5° Red - 112.5° Green 12 Volt 10 Watt  
For use on boats up to 20 meters. It is made of a rugged 316 stainless steel cover for outstanding resistance to impact and corrosion. It has a single external stainless steel lock screw that attaches cover to base and permits easy disassembly for servicing. The stainless steel electrical contacts will not corrode. The cover design and integral gasket seal out water; make installation and maintenance simple while the compact size allows installation on confined decks



## LED NAVIGATION LIGHTS FOR BOATS UP TO 20m



NEW

## LED NAVIGATION LIGHTS FOR HULLS UP 20 METERS

Made of black polycarbonate. CE certification.

Code	Type	Version	LED bulb	Watt, Amps	Visibility	Dimens. mm
3001-1	112,5° left GREEN	With wall bracket	12V/24V	0,60W, 50mA	2 N.M	L 133 x W 92 x H 80
3001-2	112,5° right RED				2 N.M	
3001-3	225° WHITE Masthead	For boats up to 20 meters			3 N.M	
3001-4	135° WHITE Stern				3 N.M	
3001-5	225° BICOLOR GREEN/ RED				2 N.M	



NEW

## NAVIGATION LIGHTS WITH LED MODULE FOR HULLS UP 20 METERS

CE certification.

Code	Type	Version	LED bulb	Watt, Amps	Visibility	Dimensions mm
3002-1	112,5° left GREEN	For boats up to 20 meters	12V/24V	6 W, 500 mA, 600 Lumen	2 N.M	L 91 x W 97 x Depth 84
3002-2	112,5° right RED				2 N.M	
3002-3	225° WHITE Masthead				3 N.M	
3002-4	135° WHITE Stern				3 N.M	
3002-5	225° BICOLOR GREEN/ RED				2 N.M	

## STERN &amp; BOW LIGHT LED FOR BOATS UP TO 20 METERS

Stern navigation light 135° and bow navigation light 225° with led unit, suitable for boats 20m.



3537-1\*

3537\*

NEW

Code	Type	Color /Material	Volt	Watt, Amps	Visibility	Dimens. mm
3537-W	135°	White / Plastic	12V/24V	1 W, 80 mA 100 lumens	2 N.M	L 69 x W 52 x H 39
3537-B		Black / Plastic				
3537-INOX		Stainless Steel				
3537-1 W	225°	White / Plastic				
3537-1 B		Black / Plastic				
3537-1 INOX		Stainless Steel				



3009-2GR

3009-2R

NEW

## NAVIGATION SIDE LIGHTS LED

Navigation side lights with LED of high illumination 100 lumens, suitable for boats up to 20 meters.



3009-3GR

3009-3R

Code	Color	Casting color	Volt	Watt, Amps	Visibility	Dimens. mm
3009-1 GR	112,5° left GREEN	White / Plastic	12V/24V	1 W, 80 mA 100 lumens	2 N.M	L 69 x W 52 x H 40
3009-1 R	112,5° right RED					
3009-2 GR	112,5° left GREEN	Black / Plastic				
3009-2 R	112,5° right RED					
3009-3 GR	112,5° left GREEN	Casting stainless steel				
3009-3 R	112,5° right RED					

## BI-COLOR NAVIGATION LIGHT (GREEN-RED)

For boats up to 20m, 12V/2,2W



Code	Type	Dimensions mm
4468 - 1	STAINLESS STEEL	W 77,1
4468 - 2	WHITE	

**ALL-AROUND POLE NAVIGATION LIGHTS**

**POLE NAVIGATION LIGHTS**

Pole navigation lights suitable for vessels up to 12m. They are made of polycarbonate and polyamide glass fibre reinforced material and they are approved in accordance to COLREG72 "International Regulation for the avoidance of collision at sea". They include a lamp 12V – 10W. NAVIGATION LIGHTS CAN BE COMBINED WITH THE LED BULBS

**Approved by:** RINA (Royal Institution of Naval Architects), HMMM Hellenic Ministry of Merchant Marine



**ALL-AROUND POLE LIGHT - WITH SOCKET AND INOX BASE**

Stainless steel. Rubber cover protects light socket when light is stowed away. 12V/10W, 360°. Spare glass code PA1318-15

Code	Dimensions cm	Diameter mm
1315 - 54 / BLACK	H 54	19
1315 - 54 / WHITE	H 54	19
1315 - 100 / BLACK	H 100	19
1315 - 125 / BLACK	H 125	19
1315 - 125 / WHITE	H 125	19



**ALL-AROUND POLE LIGHT - TELESCOPIC WITH NYLON BASE**

Stainless steel with flag rings. 12V/10W 360°. Spare glass code PA1318-15.

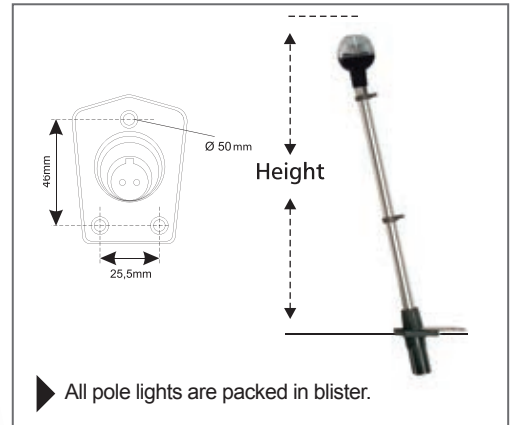
Code	Dimensions cm	Diameter mm
1317 / BLACK	H 54	19
1317 / WHITE	H 54	19



**ALL-AROUND POLE LIGHT - TELESCOPIC WITH NYLON BASE ECONOMIC LINE**

Made of anodised aluminum, with flag rings. 12V/10W 360°. Spare glass code PA3206-2

Code	Dimensions cm	Diameter mm
2879 - BLACK	H 54	19
2879 - WHITE	H 54	19



**ALL-AROUND POLE LIGHT - WITH SOCKET AND NYLON BASE**

Stainless steel with flag rings. 12V/10W 360°. Spare glass code PA1318-15

Code	Dimensions cm	Diameter mm
1318 - BLACK	H 54	19
1318 - WHITE	H 54	19
1322 - BLACK	H 100	19
1322 - WHITE	H 100	19
1324 - BLACK	H 125	19



**ALL-AROUND POLE LIGHT - WITH SOCKET AND NYLON BASE ECONOMIC LINE**

Made of anodised aluminum, with flag rings. 12V/ 10W 360°. Spare glass code PA3206-2

Code	Dimensions cm	Diameter mm
2880 - BLACK	H 54	19
2880 - WHITE	H 54	19
2881 - BLACK	H 100	19
2881 - WHITE	H 100	19



**BICOLOUR GLASS**

Code	For Code	
4670	1317	1322
	1318	1324
	1319	1332
	1320	2620



## ALL-AROUND POLE NAVIGATION LIGHTS



**ALL-AROUND POLE LIGHT WITH NYLON BASE – FOLDABLE WITH STAINLESS STEEL BASE**  
Stainless steel. 12V/10W, 360°.  
Spare glass code PA1318-15

Code	Dimensions cm	Diameter mm
<b>1316 - 62 / BLACK</b>	H 62	19
<b>1316 - 62 / WHITE</b>	H 62	19



**ALL-AROUND POLE LIGHT WITH NYLON BASE - FOLDABLE ECONOMIC LINE**

Made of anodised aluminum, with flag rings.  
12V/10W 360°. Spare glass code PA3206-2

Code	Dimensions cm	Diameter mm
<b>2883 - BLACK</b>	H 62	19
<b>2883 - WHITE</b>	H 62	19



**ALL-AROUND POLE LIGHT WITH NYLON BASE- FOLDABLE**

Stainless steel with flag rings.  
12V/10W 360°. Spare glass code PA1318-15

Code	Dimensions cm	Diameter mm
<b>1319 - BLACK</b>	H 62	19
<b>1319 - WHITE</b>	H 62	19



**ALL-ROUND POLE LIGHT WITH BATTERIES - FOLDABLE**

Made of stainless steel with flag rings. Large size alkaline battery LR 20 Size D. For small boats without battery.

Code	Dimensions cm	Diameter mm
<b>1331 /BLACK</b>	H 60	19



**ALL-AROUND POLE LIGHT WITH NYLON BASE- FOLDABLE**

Stainless steel, 12V/10W, 360°.  
Spare glass code PA1318-15

Code	Dimensions cm	Diameter mm
<b>1320 - BLACK</b>	H 24	19
<b>1320 - WHITE</b>	H 24	19
<b>2620 - BLACK</b> (With bicolour glass Red- Green)	H 24	19
<b>2620-WHITE</b> (With bicolour glass Red- Green)	H 24	19



**FOLDABLE ALL-AROUND POLE LIGHT WITH NYLON BASE ECONOMIC LINE**

Made of anodised aluminum, 12V/10W 360°. Spare glass code PA3206-2.

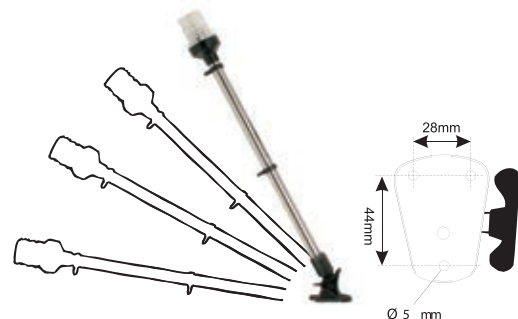
Code	Dimension cm	Diameter mm
<b>2882 - BLACK</b>	H 24	19
<b>2882 - WHITE</b>	H 24	19



**ALL-AROUND POLE LIGHT WITH NYLON BASE – FOLDABLE WITH STAINLESS STEEL BASE**

Stainless steel. Spare glass code PA1318-15.  
12V/10W, 360°

Code	Dimensions cm	Diameter mm
<b>1316 - 24 / BLACK</b>	H 24	19
<b>1316 - 24 / WHITE</b>	H 24	19



**ALL-AROUND POLE NAVIGATION LIGHTS**



**ALL- AROUND LIGHT WITH FIX PLASTIC BASE**  
Stainless steel with firm plastic base. 12V/10W, 360°. Spare glass code PA1318-15.

Code	Dimen. cm	Diam. mm
<b>1314 - 15 / BLACK</b>	H 15	19
<b>1314 - 15 / WHITE</b>	H 15	19
<b>1314 -15 / CHROME</b>	H 15	19
<b>1314 - 25 / BLACK</b>	H 25	19
<b>1314 - 25 / WHITE</b>	H 25	19
<b>1314 -25 / CHROME</b>	H 25	19



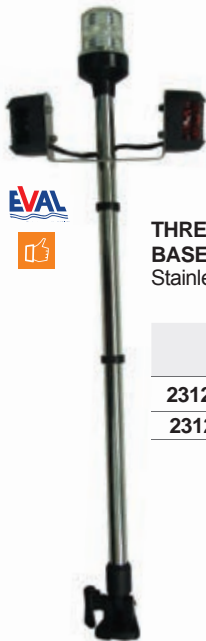
**ALL-ROUND NAVIGATION LIGHT**  
With fixed mount for boats up to 12m. Visibility at 2NM. 12V/8W, 360°.

Code	Dimensions cm
<b>1305 - BLACK</b>	H 12,7
<b>1305 - CHROME</b>	

**THREE-WAY POLE NAVIGATION LIGHTS**

**THREE – WAY NAVIGATION LIGHTS**

Three – way navigation lights suitable for vessels up to 12m. They are Stainless steel, made of polycarbonate and polyamide glass fibre reinforced material and they are approved in accordance to COLREG72 “International Regulation for the avoidance of collision at sea”. They include a lamp 12V – 10W. **Approved by:** MCA Maritime Coastguard Agency , MMF French Maritime Administration HMMM Hellenic Ministry of Merchant Marine



**THREE-WAY POLE LIGHT WITH NYLON BASE- FOLDABLE**  
Stainless steel, 12V/10W.

Code	Dimen. cm	Ø mm
<b>2312 - BLACK</b>	H 60	19
<b>2312 - WHITE</b>	H 60	19



**THREE-WAY POLE LIGHT WITH NYLON BASE - FOLDABLE**  
Stainless steel , 12V/10W.

Code	Dimen. cm	Ø mm
<b>2626 - BLACK</b>	H 26	19
<b>2626 - WHITE</b>	H 26	19



**THREE-WAY POLE LIGHT**  
Stainless steel with firm case, 12V/10W.

Code	Dimen. cm	Ø mm
<b>2627 - WHITE</b>	H 26	19



**THREE-WAY POLE LIGHT**  
Three-way pole light, stainless steel with firm plastic base. 12V/10W.

Code	Height cm	Ø mm
<b>2616</b>	H 21	19



**THREE-WAY POLE LIGHT INOX WITH FOLD-ABLE NYLON BASE**  
It carries two lights with red and green mirrors and a white light. Large size alkaline battery LR 20 Size D.. For small boats without battery.

Code	Dimen. cm	Ø mm	Color
<b>2625</b>	H 60	19	BLACK

## THREE-WAY NAVIGATION LIGHTS


**STAINLESS STEEL THREE - WAY  
NAVIGATION LIGHT WITH NYLON BASE**

Constructed according to the new directive of Greek Ministry of Merchant Marine. The white light indicates a condition of anchorage of the boat, while the two red get activated separately in case of absence of government. 12V/10W.

Code	Dimen. cm	Color
2316	H 60	BLACK
2317	H 35	BLACK
2317-W	H 35	WHITE


**THREE WAY NAVIGATION  
LIGHT WITH NYLON BASE**  
12V/10W. Stainless steel.

Code	Dimen. cm	Ø mm	Color
2684-1	H 35	19	BLACK
2684-2	H 50	19	


**THREE-WAY NAVIGATION LIGHT WITH  
INOX BASE**

Stainless steel. 12V/10W.

Code	Dimen. cm	Ø mm	Color
2319-W	H 35	19	WHITE

## SPARE BULBS FOR NAVIGATION LIGHTS



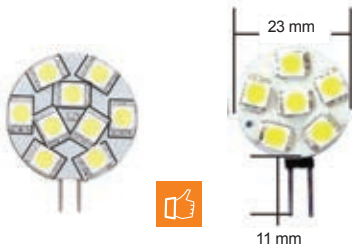
Code	Type	Volt
1203	For flash lanterns with 1 battery	1,5 V
1205	For lanterns with codes 1310, 1311, 1312, 1313, 3010, 3011, 3012, 3013	12V 10W
1205 - 1	For lanterns with codes 3020, 3021, 3022, 3023	12 V 10 W
1206	Unipolar for lanterns with codes 918, 777, 784, 785, 2626, 2627	12 V 10 W
1207	Bipolar for lanterns with codes 1307, 1308, 1309, 1332, 1317, 1318, 1319, 1320, 3205, 3206, 2880, 2881, 2879, 2883, 2882, 2316, 2317 1315, 1322, 1324, 1316, 1314 and all the all-around pole lights	12 V 10 W
1207 - 2	Bipolar for lanterns with codes 1326, 1327, 1336	12 V 5 W
1208	For battery lanterns code 2625, 1331, 1344	1,2 V
1209	For4 battery flash lanterns	12 V
1534 - 2	Polar bulb for rear trailer lights for code 1534	12 V 21 W
1534 - 3	Festoon lamp for code 1534	12V, 5W

LED BULBS CAN BE COMBINED WITH THE NAVIGATION LIGHTS

**SPARE LED BULBS**

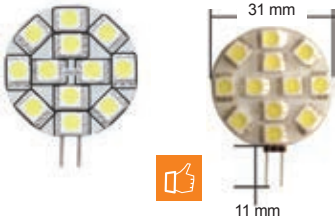
Parallel pins. Electrically polarised (+/-).

Kωδ.	Type	Volts	Contacts	Suitable for codes	Dimen. mm
4476 - 1	White LED	12	2	1326, 1327, 1336, 1336W, 1333-1	L41 x Ø16
4476 - 2	White LED	12	2	2880, 2881, 2879, 2883, 2882, 2316, 2317, 1305, 1315, 1322, 1324, 1316, 1314, 1307, 1308, 1309, 1332, 1317, 1318, 1319, 1320, 2312, 2626, 2627, 3205, 3206, 3216, 3215, 3024, 3025, 2319-W, 2317-W	
4476 - 3	White LED	12	1	918, 777, 784, 785, 2626, 2627	
4476 - 4	White LED	12	2	1310, 1311, 1312, 1313, 3010, 3011, 3012, 3013	L43 x Ø10
1210 - 1	1 White LED	12	-	Festoon with 1 white led (30 x 10 mm), 0,55W	L30 x Ø10
1210 - 2	2 White LED	12	-	Festoon with 2 white led (38 x 10 mm), 0,98W	L38 x Ø10



**G4 TYPE LED BULB**

Code	Type	LED	Beam Angle	Volt	Lumen	Diameter mm	Pin
1918-1	G4	6 x 0,3W White	120°	10-30	70	23	Side pin
1918-2		9 x 0,2W White			90	28	



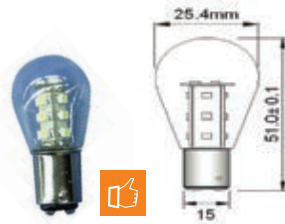
**G4 TYPE LED BULB**

Code	Type	LED	Beam Angle	Volt	Lumen	Diameter mm	Pin
1295-1	G4	12 x 0,2W	120°	12	120	31	Side pin
1295-2							Back pin



**G4 TYPE LED BULB**

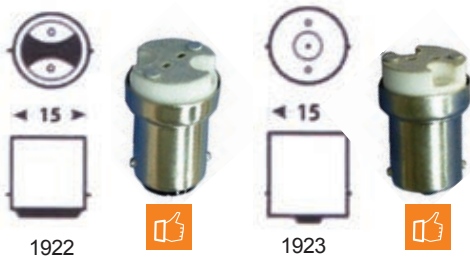
Code	Type	LED	Volt	Diameter mm
1910	G4	4 Λευκά	12	11



**LED BULB**  
With double contact.

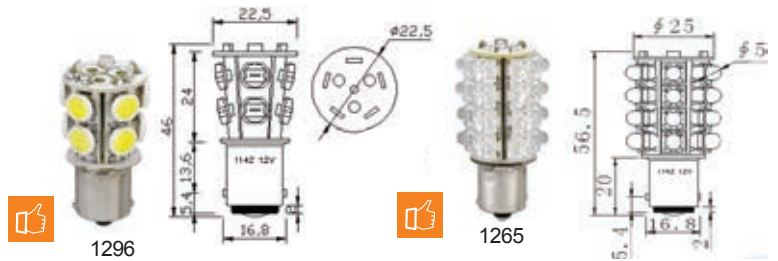
Code	LED	Volt	Watt	Beam Angle	Lumen	Dimensions mm
1919	15 White	10-30	1,2W	360°	100	Ø Base 15 x Height 51

ELECTRICAL EQUIPMENT



**ADAPTOR FOR LED**  
Adaptor to be combined with all G4 / GU4 LED

Code	Volt	Dimensions mm	Type
1922	10-30	Ø 19 x 31	Double Pole
1923			Single Pole



**SPARE LED BULB**

Code	Type	Contacts	Led Color
1265	Non-parallel pins	Single	WHITE
1296	Non-parallel pins	Single	WHITE



**BIPOLAR STAINLESS STEEL LAMP SOCKET 12V**

Code	Type	Cable Length cm	Volt
1325	Double pole	65	12/24
1325 - 1		140	



**LED BULB**  
With double contact

Code	LED	Volt	Watt	Beam Angle	Lumen	Dimensions mm
1921	12 White	10-30	1 W	360°	85	L45 x Ø11

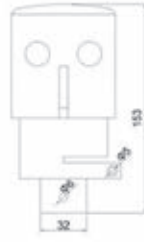
## SOLAR ROUND LIGHTS &amp; SWIVEL LAMPS



4618-Y



4618-W



## ROUND SOLAR WARNING LIGHT

High visibility flashing round warning light that operates using the solar energy. It is made of polycarbonate and ABS plastic, with anti-shock PC shell. Waterproof. It operates even in rainy day. Automatic On-off according to the environmental luminance or via a switch.

Code	LED	Solar panel	Battery	Transmission type	Dimensions mm	Weight	Light Color
<b>4618-W</b>	<b>6 incorporated ultra-bright LED, Ø5</b>	0,25W monocrystalline Solar cell	Rechargeable: Ni-MH 1600mAh x 1	flashing 90±5 times/ sec	Φ72 x L 153	160gr	White
<b>4618-Y</b>							Yellow



## INOX BASE FOR FIX MOUNTING

For code 4618\*

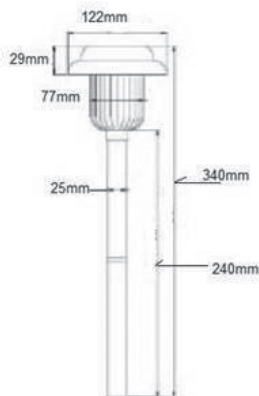
Code	Dimensions cm	Internal Tube Diameter cm
<b>4588-1</b>	L 8 x W 5,2	32,5



## INOX ROTATING BASE FOR RAIL MOUNTING

The inox rotating base is combined (included) with plastic joint for mounting on rail Ø 22mm. The base is rotating 180° left-right. For code 4618\*

Code	Internal diameter cm
<b>4588-2</b>	32,5



## LIGHT SOLAR LAMP

Made of ABS and stainless steel. It is equipped with super bright LED for low power consumption combined with long life. The solar light is powered by the sun with the use of solar panels made of polycrystalline silicon.

Code	LED	Volt	Batteries
<b>4379</b>	2 white superbright LED	1,2V	AA 800 mAh Ni-MH rechargeable batteries



## SWIVEL LAMP MAGNETIC

Code	Dimensions mm	Volt	Watt
<b>1288</b>	100 x H 153	12	20



## BASE FOR MASTHEAD LIGHT-FIXED OR FLAG

Stainless Steel. Ø 19 mm.

Code	A mm	B mm	C mm	D mm	Type
<b>1245 - 2</b>	19	30	84	51	WITH ALLEN
<b>1245 - 3</b>	19	30	84	51	WITH SCREW

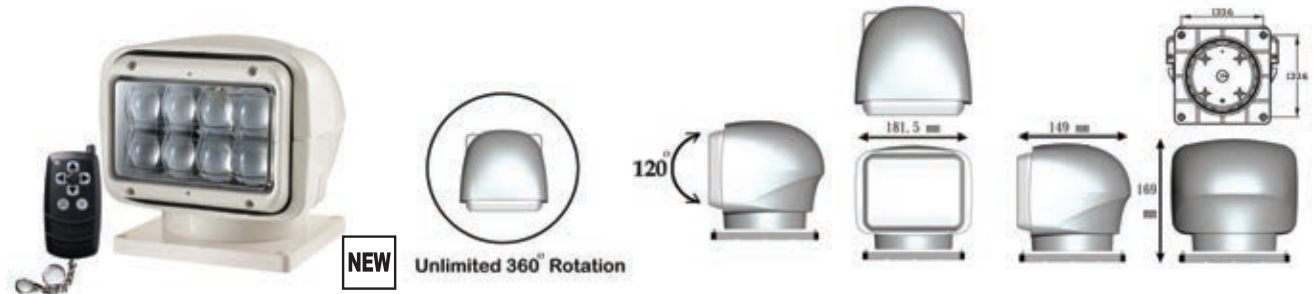
**LED SPOTLIGHTS**

**SPOT LIGHTS**

A big variety of spotlights is available in several kind of performances, dimensions and colors satisfying every kind of need. They are extremely durable suitable for marine and several other uses.

**LED SPOTLIGHT 360° ROTATION, WATERPOOF**

Spotlight Waterproof IP56 LED Module: IP67 of plastic housing with 8 LED and handheld wireless remote control. It has permanent non-magnetic base. Rotation up-down 120° and right-left 360°.



Code	Rotation	Volt	Watt	Amps	LED	Luminous intensity Cp	Beam distance	Dimensions mm	WeightKg	Color
<b>1568</b>	<b>Up – down 120° Right –Left 360°</b>	12V	32W	1,14 A	8 LED x 3W	230,000	959m	L 181,5x W 149 x H169	1.9	White

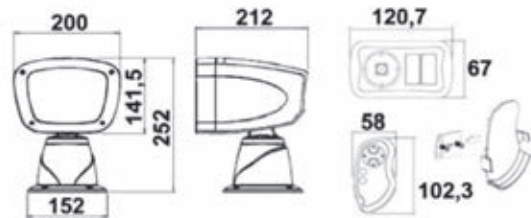
**LED ELECTRIC LIGHT TOTALLY WATERTIGHT**

Body: diecast light alloy painted in white with high-resistance and anti-corrosion resins. Totally watertight. 2-speed.

- Joystick control code 1039-1
- Bridge wireless control code 1039-2
- Wireless remote control code 1039-3
- Code 1039-4 : 10-m extension cable for 1039-1

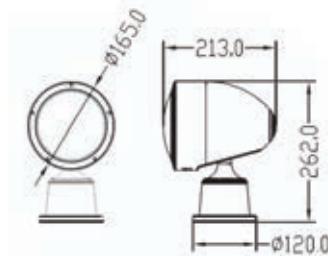


Code	Rotation	Type	Consumption	Consumption compared to a conventional bulb
<b>1039</b>	355° horizontal 50° vertical	2 speed	45W / 12V	200W



**LED SPOT LIGHT WITH REMOTE CONTROL AND ROTATION**

Made of polycarbonate material with aluminum alloy base. Waterproof with RF Remote Control active within 10m distance. Available 4m cable.



Code	LED	Light color	Beam Angle	Volt	Watt	Horizontal rotation	Vertical rotation	Dimensions mm	Color
<b>1274</b>	9 x 3 W	Cool White	110°	12 V	20,5	355°	80°	H 262x Depth 213, Φ 165	WHITE

ELECTRICAL EQUIPMENT

## SPOTLIGHTS WIRED &amp; WIRELESS



1361



1944

**TURNING HID (Xenon) SMART LIGHT WATERPROOF**

New technology lighting system that uses xenon. The produced light is 3 times brighter than the one produced from halogen bulbs and approaches daylight. It has non magnetic bottom. Available with remote control and cable control.

Code	Swivel	Volt	Watt	Lumens	Cd	Remote Control Distance m	Dimensions mm	Color
1361	Up -Down : 69° Left - Right : 350°	12	50	3.000	650.000	65	L231 x W178 x H 218	White
1944	Up -Down : 69° Left - Right : 350°	12	50	3.000	650.000	65	L319 x W178 x H 245	White

**SEARCHLIGHT WITH REMOTE CONTROL**

Searchlight with remote control. It has sealed halogen bulb ø 140 mm

Code	Volt	Cp	Dimensions mm	Watt
3894	12V	100.000	L 220 x W 160 x H 220	100+100

**DOUBLE ELECTRIC DEEP SPOT LIGHT**

Handling by remote control. Rotation 355°, elevation 70°.

Code	Volt	Max Watt	Heigh mm	Length mm	Front mm
3223	12	200	205	220	270 x 135

**ADJUSTABLE DECK MOUNT SPOT LIGHT**

Water resistant. With remote control. 420°/ up-down 120°. Spare remote control is available with code 1271.

Code	Volt	Watt	CP
1271 - 1	12	55	Rubber base
1271 - 2	12	55	Magnetic base

**RECTANGLE, SPOT LIGHT WITH MAGNETIC BASE**

Waterproof with magnetic bottom and halogen bulb.

Code	Volt	Watt
4666	12	55

**RECTANGLE, SPOT LIGHT WITH MAGNETIC BASE**

Waterproof, with wire or remove control and halogen bulb.

Code	Volt	Watt
4667	12	55

## LED SPOTLIGHTS WITH BASE

**ROUND HIGH POWER SPOTLIGHT WITH LED**

White cover with 8 leds, waterproof and low consumption.

Code	Volt	Watt	Led	Diameter mm
4313	9 - 36	9,7	8	115

**DECK MOUNT SPOTLIGHT & LED**

White with 8 leds, waterproof, low consumption

Code	Volt	Watt	Led	Lumen	Dimensions mm
4599	9 - 36	11	8	840 lumens	110 x 100

**LED SPOTLIGHTS WITH BASE**

**DECK MOUNT LED SPREADER LIGHT**

Made of aluminum alloy. Can be adjusted vertically and horizontally. 6 LED lights installed.

Code	Dimensions mm	Volt	Watt	Cp	Lumen
4706	Ø 103 x W 49,6 x H 146,5	8-30 V	6 x 3W	330.000	880



**MULTIPLE USE DECK MOUNT SPOT LIGHT WITH LED**

With base, color black.

Code	Watt	Led	Dimensions
3225-1	18W	6 LED - 850LUMEN	Ø 115 mm, Depth 30mm



**NIGHT EYE HIGH-BEAM LED LIGHT**

Made of white painted light alloy + ABS + stainless steel base  
 13 x CREE genuine high-quality LEDs, 50.000 hour duration  
 The light can be removed from the base thanks to the 2-m extension cable  
 It is equipped with watertight ON-OFF switch and watertight end plug, for either external or built-in installation.  
 IP66 watertight  
 High power, low consumption.

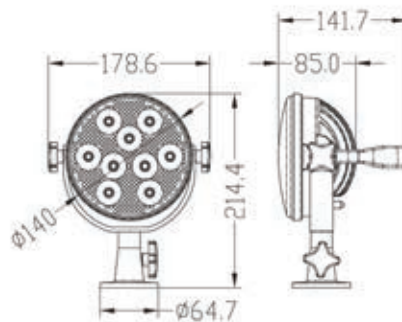
Code	Type	LED	LED power	Power compared to standard bulb	Deep spot light m	Volt
4645-1	with base for flat mounting	13	13 W	130 W	600	12/24
4645-2	with connection for rail mounting	13	13 W	130 W	600	12/24



ELECTRICAL EQUIPMENT

**SPOTLIGHT LED**

Waterproof. Made of aluminum alloy and zinc alloy base. With Handle for Easy Adjustment of Housing Angle. It comes with elastic cord and plug cigarette.



Code	LED	Light Color	Beam Angle	Volt	Watt	lumen	Dimensions mm
1281	9x 3W	Cool White	110°	8-30V	20,5	900	H 214,4 Ø Base 64,7 Ø spotlight 140





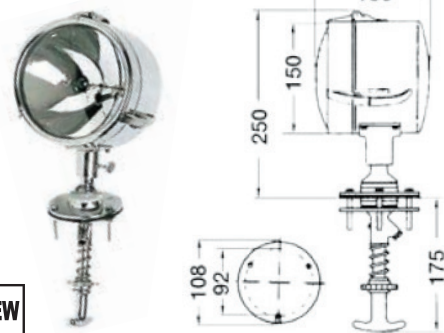
## SPOTLIGHTS WITH BASE



**Code 1289**  
**WATERPROOF MARINE SPOT LIGHT**  
 Made of plastic ABS with anodized aluminium bracket and brass base. Can be used as portable hand held light. Revolving 360°. With coil wire and switch with waterproof rubber cup.  
 12 VOLT - 100 WATT.  
 Spare lamp code 1289-1.



**Code 1259**  
**POLE SOCKET FOR RAIL**  
 Made of chromed brass. For tube Ø 22-25 mm. Combined with the codes: 1289, 1281 and 4645-1-2



NEW

**HIGH-BEAM LIGHT ADJUSTABLE FROM INSIDE**  
 Made of chromed brass and stainless steel, watertight, adjustable nylon ball joint, frictioning, very small and convenient control handle; supplied with watertight bulbs "GE."



**ADJUSTABLE DECK MOUNT SPOT LIGHT**  
 Stainless steel. Height: 23 cm.

Code	Volt	Watt
1275	12	55



**ADJUSTABLE DECK MOUNT SPOT LIGHT**  
 Stainless steel. Root mount on cabin. Height: 23 cm. Spare amp code 1273-1.

Code	Volt	Watt
1273	12	55

Code	V	Ø mm	Capacity m
1504-1	12	145	800
1504-2	24	145	800



**FIXED DECK MOUNT SPOT LIGHT**  
 Stainless steel.

Code	Volt	Watt
1286	12	55



**ROLL BAR SPOT LIGHT**  
 Vertical adjustment, with white ABS housing. Spare bulb with code 3893-1.

Code	Housing Dimensions mm	Base Dimensions mm	Volt	Watt
3893	180 x 120	165 x 45	12	60



**ADJUSTABLE DECK MOUNT SPOT LIGHT**  
 Stainless steel.

Code	Volt	Watt
1285	12	55

Available spare bulb with code 1285-1



**DECK MOUNT SPOT LIGHT**  
 Docking light kit with stainless steel bracket suitable for mounting on roll-bar. It also includes rubber bracket boots, safety fused wiring harness and lighted switch.

Code	Volt	Watt
3243	12	55



**MULTIPLE USE DECK MOUNT SPOT LIGHT**  
 Waterproof with hard rubber casing.

Code	Volt
3225	12

**HANDHELD SPOTLIGHT**



**RECHARGEABLE HAND SPOT LIGHT**

Equipped with 12V/2,8A, quartz halogen bulb 100 Watt. Battery or 12V plug operation. Quick recharge. In black color.

Code	Volt	Watt	Cp
3252*	12	100	2.000.000

\*Available spare bulb with code 3252-1



**RECHARGEABLE HAND SPOT LIGHT**

Equipped with 6V/4A, quartz halogen bulb 55 Watt. 110 V and 12 V charging cords included.

Code	Volt	Watt	Cp	Color
3221-BL	6	55	1.000.000	BLACK

**SPOTLIGHT WATERPROOF**

Plastic and halogen bulb.

Code	Volt	Watt	Candle Power -CP
1699	12	55	1.000.000



**HAND SPOTLIGHT**

Quartz halogen bulb and storage compartment for the power cord. Black color.

Code	Volt	Watt	Cp
1287	12	100	2.000.000
1287 - 1	12	55	1.000.000



ELECTRICAL EQUIPMENT

**RECHARGEABLE HAND SPOT LIGHT**

Waterproof with swivel handle. Equipped with 6V/4AH battery and AC/DC battery charger. Automobile cigarette lighter plug for charging is included.

Code	Volt	Cp
3220	6	1.000.000



**HAND SPOT LIGHT**

Waterproof and floating. Automobile cigarette lighter plug for charging is needed with enclosed push on/off swivel.

Code	Volt	Watt	Cp
1278	12	55	300,000



**HAND SPOT LIGHT**

Also available spare bulb, code 2933

Code	Volt	Watt	Cp
1283	12	170	400,000



**HAND SPOT LIGHT**

Code	Volt	Watt	Cp
1277	12	55	450,000



**HAND SPOT LIGHT**

Waterproof with rubber housing and plug.

Code	Volt	Watt
1276	12	55

## FLASHLIGHTS &amp; WORKING LIGHTS

**RECHARGEABLE LED FLASHLIGHT**

High power aluminum rechargeable LED flashlight with lithium battery. The body is made of resistant aluminum alloy in camouflage colors with powerful LED of 1Watt.

Options available :

1. Strong light
2. Low light
3. Flash



NEW

Code	Beam distance	Duration of continuous use	Brightness	Battery type	Dimensions mm	Weight g
<b>4475-5</b>	160m	5 hours	180 Lumens	18650 rechargeable	Ø32 x159	128

**FLASHLIGHT 17+1 LED WITH MAGNETIC BASE**

A flashlight of high brightness with magnetic base that allows it to be placed in various spots. It is equipped with 1 bright LED on the front and 17 high bright led on the side. It is very convenient for being used on the boat, camping, in the car, during fishing etc.

The switch allows 5 options :

1. Strong light
2. Medium light
3. Low light
4. Flash
5. S.O.S



Code	Beam distance	Duration of continuous use	Brightness	Battery type	Dimensions mm	Weight g
<b>4475-2</b>	100-120m	5 hours	120-180 Lumens	2 X AA	Ø37 x145	155

**MINI FLASHLIGHT WITH 9 LED**

Mini handheld flashlight with 9led made of aluminum. It can be used while fishing, on the boat, in the car, during camping etc or anywhere else due to its small size.

Code	Beam distance	Duration of continuous use	Brightness	Battery type	Dimensions mm	Weight g
<b>4475-1</b>	160m	4 hours	11,000-13,000 MCD	3 X AAA	Ø26,5 x 89	47 g

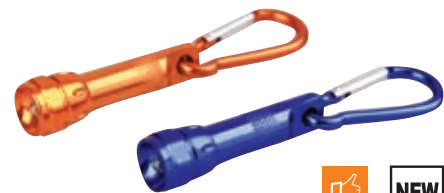


NEW

**MINI LED FLASHLIGHT WITH KEY CHAIN**

This mini led flashlight is made of aluminum alloy and is suitable for various uses. It is very convenient as it can be carried everywhere due to its small size and the key chain.

Code	Duration of continuous	Battery type	Dimensions mm	Weight g
<b>4475-4</b>	3 hours	4 x LR41	Ø15 x100	40



NEW

**MINI FLASHLIGHT WITH 1 LASER & 2 LED WITH KEY CHAIN**

This mini led flashlight is equipped with 1 laser and 2 led. It is made of aluminum alloy and is suitable for various uses. It is very convenient as it can be carried everywhere due to its small size and the key chain.

Code	Lyte	Battery type	Dimensions mm
<b>4475-6</b>	1 Red Laser + 2 White LED	3*AG13	Ø15 x70



NEW

**FLASHLIGHTS & WORKING LIGHTS**



**Code 3163**

**FLASHLIGHT WITH CELL PHONE CHARGER & STAND-BY LIGHTING.**

- It does not need any batteries, it costs as much as the cost of two years' batteries!
- Build-in dynamo generator flashlight with stand-by lighting
- 5 white LED with 15,000mcd super bright
- Stand-by lighting helps to find the torch in total darkness
- 1 minute hand cranking enables over 30 minutes of continuous lighting for 5 LEDs
- Lighting / 2 months stand-by lighting / over 2 minutes talk time / 90 minutes of mobile phone stand-by time
- Two levels of lights: 5 LED / 1 LED lightings
- No external batteries needed, environmental friendly
- Waterproof
- One Nokia connecting cable included
- Comply with CE & FCC
- Dimension L170mm Ø60mm



**Code 1228**

**WORKING LIGHT**

Waterproof, visible at 2 n.m.  
It includes 3,8 m wire, cigarette lighter plug and hanging bracket.  
12Volt/10Watt



**WORKING LAMP**

Plastic, with 3 m wire.  
Color: Black.

Code	Dimensions mm	Volt	Watt
3377	L 180	12	21



**WORKING LAMP**

Plastic, with on-off switch, wire. Color: Black.

Code	Dimensions mm	Volt	Watt
3535	W 31 x H 370	12	8



**LED LIGHT WITH MAGNET AND HOOK**

Rechargeable. The necessary accessory for the boat, car, caravan and generally where there is low lighting. Features a hook for being placed in many positions. Additionally it is equipped with LEDs for economy and soft lighting to avoid eye-tiring.

Code	LED	Volt
4970	27 Led	12V

ELECTRICAL EQUIPMENT

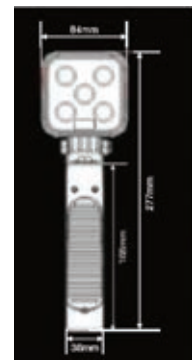


**WORK LIGHT**

Waterproof light with 6 superbright LED. White with aluminium housing and 6 meter cable.

Code	Dimensions mm
4577	L 100 x H 65 x D 32

**NEW**



**RECHARGEABLE LED WORK LIGHT**

LED work light with high capacity Li-ion rechargeable battery. Suitable for every work task and for use on the boat, during camping, in the car or at home as it can be carried anywhere. With multi-function handle, easy to hang when necessary. Durable for heavy use, IP65.

Code	Watt	LED	Lifespan	Charging time	Discharge time	Charging voltage	Weight kg
2803	15 W	5x3W	50.000 hours	7-8 hours	3-4 hours	DC12V/ AC110-240V	0,8

## UNDERWATER &amp; FISHING LIGHTS

**DIVING FLASHLIGHT LED**

A stylish diving LED flashlight with great autonomy due to the LED technology light. It is made of high density hard plastic with high quality aluminum oxide. It has effective light range in more than 25 meters and 20 meters when diving. It has a magnetic rotary switch ON/OFF. It works with 4xAA batteries.

Code	Light Range		Brightness Lumens	Color	Dimensions mm
	Effective light	Diving			
<b>2864-YL</b>	More than 25 meters	20 meters	180	Yellow	L163mm
<b>2864-Blue</b>				Blue	
<b>2864-Red</b>				Red	

**POWERFUL UNDERWATER ALUMINUM FLASHLIGHT CREE T6 LED**

An underwater flashlight of high brightness with new type CREE T6 LED (100.000 hours lifetime). The body is made of aircraft-grade aluminum alloy for maximum durability and rigidity. The maximum luminous flux is of 1200lm. Waterproof up to 100 meters depth. Internal wiring applies the high efficient booster circuit, and can utilize the batteries in the largest extent.

Code	Beam distance	Duration of continuous use	Brightness	Battery type	Dimensions mm	Weight g
<b>4475-3</b>	200m	5 hours	1200 Lumens	1x3,7 V 18650	Ø52,8 x160	256,5

**RECHARGEABLE SPORTLIGHT MARINE TYPE**

Rechargeable spotlight for free diving. It has convenient hand handle with double switch and voltmeter for checking battery charging level and time charge. Dual type external charging 220V (at home) and 12V (car). The spotlight lens can be adjusted according to the focus needs. It is manufactured in ideal buoyancy (slightly negative) so as to direct the light towards the sea depth and not towards the user. Ideal for use outside and inside water due to its long lasting light autonomy -6 hours use. Its light capacity is up to 15 meters under water and up to 1,5 miles outside water.

Code	Volt	Battery	Length cm	Spotlight Diameter cm
<b>2862</b>	12V/220V	6V / 5Ah	26	9,5



**Code 519**  
**STORM HAND LANTERN**  
Capacity 200 gr and burning time 14 hours. H 24,5 cm.



**Code 3878**  
**CAMPING LIGHT RECHARGEABLE**  
With fluorescent lamp and wireless remote control. It has rechargeable battery 6V/4AH and a AC-DC adaptor.



**SOLAR CAMPING LANTERN WITH LED**  
Made of ABS. Suitable for camping and other outdoor activities. Available with AC/DC adaptor and car plug.



Code	Led	Battery	Solar panel
<b>3226</b>	15 Led	3,6V / 1500mAh NI-MH	6V / 120 mA

**UNDERWATER & FISHING LIGHTS**



**LED HEADLAMP FOR DIVING, WATERPROOF**  
Professional, waterproof, antifreeze, compact headlamp. It is comfortable to wear equipped with telescopic dimming, intelligent memory circuit and split structure design. It is made of ABS with good flexibility so as not to break. Semiconductor ceramics are used for high-brightness while the CREE light is energy saving as the consumption is only 1/20 of compared to an ordinary lamp. The headlamp integrates a flexible circuit board (anti-corrosion, superconductivity). The high brightness LED technology irradiation distance is of up to 200 meters, 800 meters above the visibility distance.



Code	Led	Type	Led lamp life	Energy consumption
3181	1	Rotation up and down 90 degrees	10.000.000 hours	1/20 of an ordinary lamp



**Code 3164**  
**HEAD LAMP WITH 3 LEDs**  
With regulator of light power level and adjustable straps. It has 2 white LED 3V/0,05A and 1 red LED 3V/0,025A. It operates with 3 x AAA batteries. Water resistant.



**Code 1664**  
**LED Cordless Rechargeable Black Light**  
Compact, multipurpose light ideal for the night fisherman. Three switches allow individual control of the following light settings :  
- 10 UV LED's produce a wide angle black light to illuminate line from bow to stern  
- 5 red LED's provide task light for reading charts or rigging poles while preserving night vision  
- 5 white LED's produce enough light to set up for the night or clean up after

Cordless design for complete portability and convenience, runs up to 8 hours on a single charge. Charge or operate using 12-volt cord, or 110-volt charger. Padded storage bag included. Four-color box.

**Code 1665**  
**WATERPROOF LED FLOATING FISHING LIGHT**



With low consumption seven green LEDs. The light penetrates water to attract night-feeding fish. Compact, lightweight design stows easily. Includes 3,6 m cord with fused 12-volt power plug and battery adaptor to extend cord and clip easily to battery. 12 Volt.  
Dimensions: Total diameter: 205 mm  
Height 95 mm



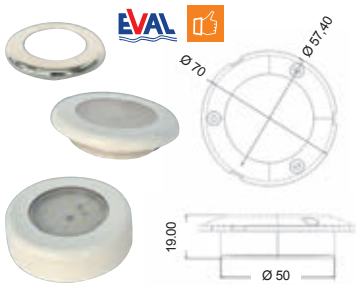
**SUBMERSIBLE FISHING LIGHT 6 LED**  
Featuring six low-consumption LED's, this submersible light provides light output comparable to fluorescent and halogen models of the same size. The fluted reflector multiplies the light of the LED's and reflects it in every angle to reach more fish. Powered by three AAA batteries (included), the light is completely portable, not tied down by a 12-volt cord; and operates up to 50 hours. Compact size (less than 10") allows for easy storage. Eyelet on endcap for weight allows light to be submersed at desired level.

Code	Height cm	Leds
1667	25	6

**SPOTLIGHT**  
Waterproof and floating. 2,5m wire with battery clips included. Dimensions :  
Total diameter 205 mm  
Height 95 mm

Code	Volt	Cp
1279	12	26,000

## FLUSH MOUNT LIGHTS, ROUND &amp; SQUARE SHAPED

**NEW****LED CEILING LIGHT**

Made of polycarbonate lens and ABS plastic. Available either with 4 or 21 LED, with or without base and either in warm or cool white light. The package includes both the white and the chrome plated rim.

Code	LED	Volt	Watt	Lumens	Color temperature	Color light	Dimensions mm	Cut dimensions	Type	Color		
<b>1450-4C</b>	4	12V	0,4W	29	6000-6500K	Cool White	Ø 70 x Depth 19	Ø 50mm	Flush mount	Set includes : 1 white and 1 chrome plated rim		
<b>1450-4W</b>				26	2800-3300K	Warm White						
<b>1450-21C</b>	21		2W	185	6000-6500K	Cool White						
<b>1450-21W</b>				180	2800-3300K	Warm White						
<b>1450-4CB</b>	4		12V	0,4W	29	6000-6500K	Cool White		Ø 70 x Depth 22		Wall mounted with base	
<b>1450-4WB</b>					26	2800-3300K	Warm White					
<b>1450-21CB</b>	21			2W	185	6000-6500K	Cool White					
<b>1450-21WB</b>					180	2800-3300K	Warm White					

**ROUND FLUSH LIGHTS**

With 4 Led lights. The package includes both the chrome and the white rim. Flush mounting.

Code	Ext.Diam mm	Cut dimen. mm	Volt	Watt	Light Beam
<b>4470 - W</b>	Ø 75	Ø 50	12	0,35	WHITE
<b>4470 - BL</b>	Ø 75	Ø 50	12	0,35	BLUE

**FLUSH-MOUNT LIGHT Round shape 12V**

Waterproof, with 3 LEDs.

Code	Dimensions Ø / mm	Volt	Watt	Cut dimen. mm
<b>3482 - YELLOW</b>	80 x H 25,8	12	0,22	Ø 50
<b>3482 - RED</b>				
<b>3482 - WHITE</b>				



4712 - 1

4712 - 2

**ROUND 4LED CEILING LIGHT**

Made of plastic. 4 LED lights included.

Code	Dimensions mm	Cut dimen. mm	Volt	Watt	Type
<b>4712 - 1</b>	Ø 75 x H 26	Ø 50	12/24	0,35	Flush mount
<b>4712 - 2</b>	Ø 75 x H 26		12/24	0,35	Surface mount

**FLUSH OR SURFACE MOUNTING LIGHT WITH 2 COLOR LIGHT**

Led ceiling light for interior or exterior use. With 2 white LED and 2 red LED. The choice of color lighting depends on the switch connection.  
White : 12V/0,65W

Red:12V/0,35W

Code	Diameter mm	Cut dimen. mm
<b>4496</b>	70	Ø 50

**LED SENSOR INTERIOR LIGHT**

With motion sensor.

Code	Dimensions mm	Volt	Watt
<b>4701</b>	Ø 77,3 x H 25,6	8-30 V	3

**INTERIOR LED LIGHT**

Push on/off function. For flush mount or surface mount.

Code	Dimensions mm	Cut dimen. mm	Volt	Watt
<b>4709</b>	L 119 x W 99 x H 31	80 x 60	12	0,9

**FLUSH OR SURFACE MOUNTING LIGHT WITH 2 COLOR LIGHT**

Led ceiling light for interior or exterior use. With 2 white LED and 2 red LED. The choice of color lighting depends on the switch connection.  
White : 0,65W  
Red:0,3W

Code	Diameter mm	Cut dimen. mm
<b>4493</b>	80	Ø 54

**FLUSH MOUNT LIGHTS, ROUND & SQUARE SHAPED**



**MINI LED COURTESY LIGHT**  
Mini dome light, flush mount with one white LED light..

Code	Dimensions mm	Cut dimen. mm	Volt	Watt	Lamps
3737 - 1	Ø 28 x H 20	Ø14	12	0,07	1
3737 - 2	Ø 40 x H 20	Ø 28	12	0,56	8



**WATERPROOF CEILING LIGHT WITH LED**  
Waterproof ceiling light with 30LEDs

Code	External Dimensions mm			Internal Dimensions		Volt
	Length	Width	Depth	Length	Width	
4578	164	102	46	120	82	12V



**LED LIVEWELL LIGHT**  
Splashproof , made of plastic.

Code	Diameter mm	Led	Beam Angle	Volt	Watt	LED Lifetime	LED Color
1013-WH	38	1 x 5 Ø LED	30°	12V	0,21W	50.000 hrs	White
1013-BL	38	1 x 5 Ø LED	30°	12V	0,21W	50.000 hrs	Blue



**LED CEILING LIGHT**

Bright slim design. It is made of plastic with optic lens. Easy Installation with clips. Square shape.

Code	LED	Volt	Watt	Dimensions mm	Color
3673	24 x Warm White SMD LEDs	12V	1,7W	70 x 70 x Only 10,2 mm of Installation Depth	Chrome Plated



**LED CEILING LIGHT**

Bright slim design. It is made of plastic with optic lens. Easy Installation with clips. Round shape

Code	LED	Volt	Watt	Dimensions mm	Color
3833	24 x Warm White SMD LEDs	12V	1,7W	Ø 70 x Only 10,2 mm of Installation Depth	Chrome Plated



**CABIN LIGHT**  
Plastic, black. 12V-3W

Code	Dimensions cm	Cut dimen. mm
2624 - B	5,7 x 5,7	Ø 43



**CABIN LIGHT**  
With 3 Led lights.

Code	Ext. Dimen. mm	Cut dimen. mm	Volt	Watt
4473	L 57 x W 87	44,5	12	0,85



**FLUSH MOUNTED CEILING LIGHT**  
Plastic with protective glass. White. Offered with lamp.

Code	Dimensions mm	Cut dimen. mm	Volt	Watt
3527	66 x H 22	Ø 50	12	10



**FLUSH MOUNTED CEILING LIGHT**  
With switch. Plastic with protective glass. White. Offered with lamp.

Code	Dimensions mm	Cut dimen. mm	Volt	Watt
3528	89 x W 66 x H 10	Ø 53	12	10



## SURFACE MOUNT LIGHTS, ROUND &amp; SQUARE SHAPED

**WATERPROOF CEILING LIGHT WITH LED**

Waterproof ceiling light with 18 LEDs and waterproof on-off switch.

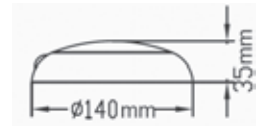
Code	Dimensions mm	Volt	Watt	Color
4425	173 x 110 x 56	12	1,5	White

**20 LED CEILING LIGHT WITH SWITCH**

Plastic with silver painting.



NEW



Code	LED	Beam Angle	Volt	Watt	LED color of light	Lumen	LED Lifetime	Dimensions mm
3853	20 x 5 Ø LED	10°	12/24 V	1,5	Warm White	18	50.000hrs	Ø 140 x Thickness 35

**CEILING LIGHT WITH 20 WHITE LEDS**  
With Stainless Steel rim, glass lens.

Code	Diameter cm	Volt	Watt
4704 - 1	10,9	12	1,3
4704 - 2	14	12	1,3
4704 - 3	17	12	1,3



4705 - 1 - 2



4705 - 3

**BRIGHT SLIM LED INTERIOR LIGHT**

Stainless Steel. Without switch. With PC lens. For surface mount

Code	Dimensions mm	Volt	Watt	Leds	Type
4705-1	Ø 94 x H 11	12	1	16	Without Motion Sensor
4705-2	Ø 132 x H 10	12	2,26	28	Without Motion Sensor
4705-3	Ø 94 x H 11	12	1	16	With Motion Sensor

**LED SENSOR INTERIOR LIGHT**

Automatic ON in the dark.

Code	Dimensions mm	Volt	Watt
4700	Ø 63,5 x H 13	12	0,36

**LIGHT LED**

Made of chrome plated brass.



Code	LED	Light Color	Beam Angle	Volt	Watt	Lumen	Dimensions mm
1341*	6x 0,3W	Warm White	120°	12 V	1,8	60	Ø 97,5 Depth 36

\*Available spare switch with code 1341-1.

**CEILING LIGHT**  
Plastic, white with switch on-off. Offered with its lamp.

Code	Diameter cm	Volt	Watt
3189	15	12	15

**CEILING LIGHT**  
Chrome plated plastic. Offered with lamp. With switch.

Code	Diameter cm	Volt	Watt
3671 - 1	15	12	Fluorescent : 10 Night light : 3

**SURFACE MOUNT LIGHTS, ROUND AND SQUARE SHAPED**



**CEILING LIGHT**  
Stainless steel with on/off switch.  
Heat resistant pattern non-glare light.  
Offered with lamp.

Code	Diameter cm	Volt	Watt
1290*	11	12	10
1272	14	12	10
1293	17	12	15

\*Available spare glass 1290-1 for the code 1290.



**EXTERNAL CEILING LIGHT**  
Plastic, white. Offered with lamp.

Code	Dimensions Ø / mm	Volt	Watt
3526	66 x H 22	12	10



**CEILING LIGHT**  
Brass plated plastic. Offered with lamp.  
With switch.

Code	Diameter cm	Volt	Watt
3671 - 2	15	12	15



**EXTERNAL CEILING LIGHT**  
With switch. Plastic, white.  
Offered with lamp.

Code	Dimensions mm	Volt	Watt
3524	L 89 x W 67 x H 25	12	10



**CEILING LIGHT**  
Waterproof, plastic. Offered with lamp.

Code	Diameter mm	Volt	Watt
3739	89	12	10



**LED ROTATING COURTESY LIGHT**  
Plastic, with 8 Led lights.  
Can be rotated 360°.

Code	Diameter mm	Volt	Watt
4492	40	12	1

**OBLONG & STRIP TYPE LIGHTS**

ELECTRICAL EQUIPMENT



**NEW**



**TURNING LEDRAIL WITH 30 LED**  
Waterproof IP65 Ledrail with 30 LED, turning 360°. 2 railclips, 2 tubeclips and 1 connector are included.

Code	Length	Led	Volt	Watt	Light
3584	470 mm	30 LED	12V	2W	Warm white



**INTERIOR LIGHT LED**  
Made of ABS with PC shade. Push ON/OFF switch with Red LED indicator.

Code	LED	Volt	Watt	Lumen	Dimensions mm	Color
1298	6 x 1 W	12-24 V	6	240	L386 x H68,8 x D20,6	White



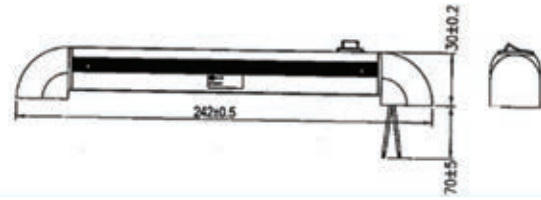
**INTERIOR LIGHT**  
Compact fluorescent lamp, plastic ABS base with 3-positions rocker switch, surface mount.

Code	Volt	Watt	Dimensions mm	Color
4569	12V	11 W	L 295 x W 64 x H 33	White

## OBLONG &amp; STRIP TYPE LIGHTS



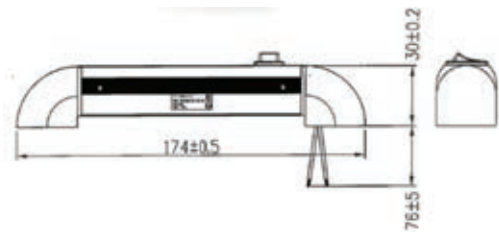
**SWIVEL RAIL LIGHT LED**  
Plastic.



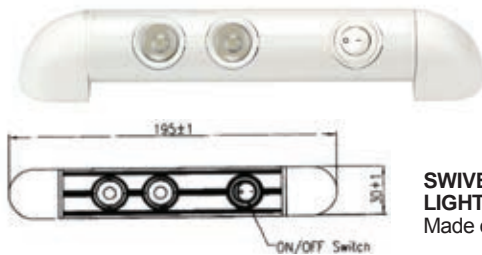
Code	LED	Type	Beam Angle	Volt	Watt	Lumen	Dimensions mm	Color
3496	8 x Flux LED	Can be turned by 180°	80°	12/24 V	0,9	13	L 242 x Depth30	Silver painting



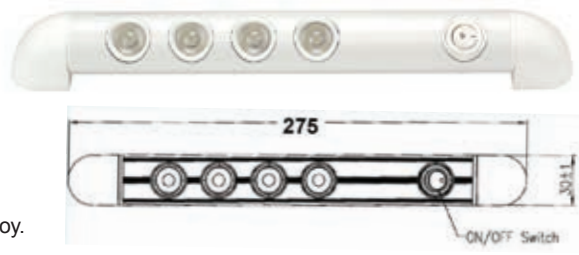
**SWIVEL RAIL LIGHT LED**  
Plastic.



Code	LED	Type	Beam Angle	Volt	Watt	Lumen	Dimensions mm	Color
3494	4 x Flux LED	Can be turned by 180°	45°	12/24 V	0,6	8	L 174 x W30 x H33	White



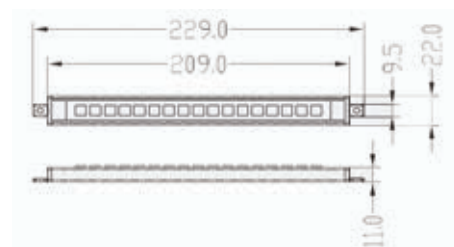
**SWIVEL RAIL LIGHT LED**  
Made of aluminum alloy.



Code	LED	Type	Light Color	Beam Angle	Volt	Watt	Lumen	Dimensions mm	Color
3484-1	2 x 1W	Can be turned by 180°	White	25°	9-30V	2	100	L 195 x Depth30	White
3484-2	4 x 1W	Can be turned by 180°	White	30°	9-30V	4	230	L 275 x Depth30	White



**STRIP LIGHT LED**  
Made of plastic (PVC) with PVC Mounting Ends with Screw Holes. Waterproof. With 30cm wires.



Code	LED	Light color	Beam Angle	Volt	Watt	Lumen	Dimensions mm
1329	17 SMD LED	Cool white	90°	12 V	1,8	40	L 209

**OBLONG & STRIP TYPE LIGHTS**



**FLUORESENT LIGHT**

Plastic with switch. Offered with lamp.

Code	Dimensions mm	Volt	Watt	Lamps
1299	L 380 x H 29 x Depth 65	12	8	2
3730	L 380 x H 30 x Depth 65	12	8	1



**LIGHT RAIL PLASTIC REVOLVING COURTESY LED LIGHT**

Plastic mount courtesy LED light with on/off mini rocker switch, turnable 270 degrees.

Code	Dimensions mm	Led	Volt
4501	L 300 mm x W 27 mm x H 26 mm	24	12
4501-1	L 470 x W 35 x H 31	30	12



**LED CABIN LIGHT**

Plastic in silver-grey color

Code	Dimensions mm	Led	Volt
4568-2	L 295 x W 95 x D (Depth) 15	96	12



**INTERIOR LIGHT**

With a round mini rocker switch and white plastic base. 24 super bright white LEDs

Code	Dimensions mm	Volt	Watt	Led
4905	L 390 x W 50 x H 36	12	8	24



**WATERPROOF LED STRIP**

With 3M double-sided adhesive tape and 60 white LEDs in every 1 meter. 12Volt, 2,7 Amp of 5 meters.

Code	Dimensions
2414	L 5m x W 10mm



**FLUORESCENT LIGHT**

Code	Dimensions mm	Volt	Watt
4499 - 1	L 595 x W 65	12	1 x 15
4499 - 2	L 485 x W 65	12	1 x 10

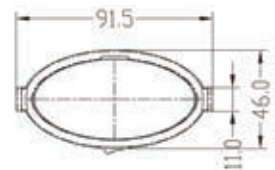
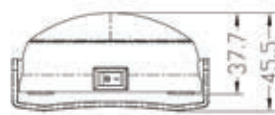
ELECTRICAL EQUIPMENT

**OVAL LIGHTS**



**COURTESY LIGHT LED**

Plastic.



Code	LED	Beam Angle	Volt	Watt	Lumen	Dimensions mm	Color
3492	12 Flux LED	80°	12 V	1	22	L 91,5 x H 46 x Βάθος 37,7	White

## OVAL LIGHTS

**CABIN WALKWAY LIGHT**

For use in walkways and deck areas.  
Nylon, chrome plated in silver color. Bulb T8.

Code	Dimensions mm	Volt	Watt
2395	L 66,04 x H 38,1	12	3

**OVAL DOME LIGHT ABS WITH 12 LED**

plastic with silver color

Code	Dimensions mm	Cut dimen. mm	Volt	Watt
4668	L 87 x H 74 x D 30	Ø 59	12	10

**INTERIOR LIGHT**

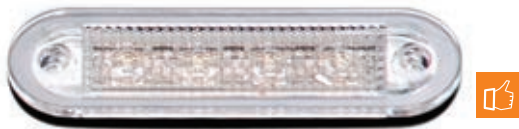
Plastic. With 2 white Led lights.

Code	Dimensions mm	Volt	Watt
4495	L44 x H13 x Depth 20	12	0,23

**INTERNAL CEILING LIGHT WITH LED**

Ceiling light with LED and night light. 3-positions slide switch.

Code	Dimensions mm	Volt	Watt	Watt (night light)
4579	204 x 120 x 41	12	21	5

**WATERPROOF CEILING LIGHT**

Ceiling light with 4 LED for extra energy saving.

Code	Volt	Watt	Dimensions mm	Cut dimen. mm
2118	12/24 V	0,35	90 x 24,7 x 14,3	60 x 16

**LED COURTESY LIGHT**

White, with white LED lights, for great power economy of your boat and unlimited hours of use.

Code	Dimensions mm	Lamps	Volt	Watt
1292	L 70 x W 38 x H 10	5 Led	12	0,43

**WATERPROOF FLUSH MOUNTING CEILING LIGHT**

With 2 Led lights and stainless steel frame. 12 Volt, 0,21W

Code	Dimensions mm	Light Beam
4497 - W	L85 x W30	WHITE

**WATERPROOF FLUSH MOUNTING CEILING LIGHT**

With 3 Led lights for ultimate power economy.

Code	Dimensions mm	Cut dimen. mm	Volt	Watt	Light Beam
4472 - W	L 84 x W 29	49 x 17	12	0,4	WHITE
4472 - Y	L 84 x W 29		12		YELLOW

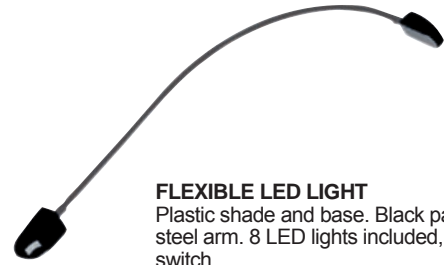
READING & WALL LIGHTS



**WAVE LED GOOSENECK READING LIGHT**

This high power LED reading lights has a unique wave shape base design. It has built-in ON-OFF switch and bendable gooseneck.

Code	Volt	LED	Volt	Base diameter mm	Total length mm
3270	12	High power Led 1Watt	9-24V	Ø70	330



**FLEXIBLE LED LIGHT**

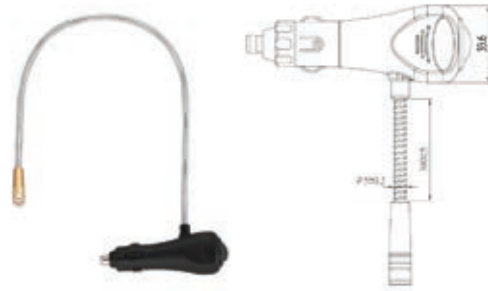
Plastic shade and base. Black painted steel arm. 8 LED lights included, with switch.

Code	Base Dimensions mm	Arm Dimensions mm	Volt	Watt
4713	L 52 x W 30 x H 26	Ø 11 x L 416	12	0,56W



**SWIVEL WALL LAMP**  
Chrome Plated Brass, with white Cloth Shade

Code	Volt	Watt	Dimensions mm
1284	12	20	Shade : H 136,5 x Top Ø 102 x Bottom Ø 158,7 Total Height including the base 273 mm



**FLEXIBLE LIGHT LED**

Aluminum tubing. It comes with cigarette plug.

Code	LED	Light Color	Volt	Watt	Dimensions mm
2415	1 x 5mm	White	12	0,3	L 380

ELECTRICAL EQUIPMENT



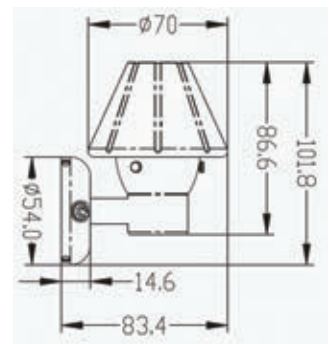
**INTERIOR WALL LIGHT**  
Made of brass, fixed mount.

Code	Volt	Watt	Dimensions mm
1304	12	10	L 169, Ø 91



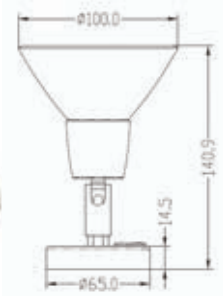
**WALL LIGHT LED**

Stainless steel with frosted glass shade.



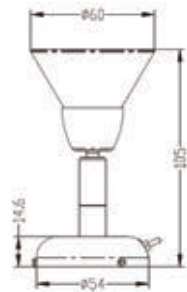
Code	LED	Light color	Beam Angle	Volt	Watt	Lumen	Dimensions mm
1303	1 x 3 W	Warm White	110°	8-30 V	3	140	H 86,6 x depth 83 (base included)

## READING &amp; WALL LIGHTS

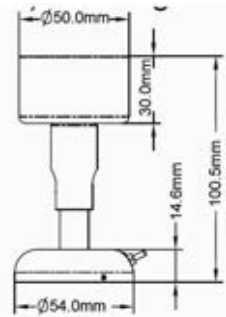


## LED READING LIGHT

Code	LED	Light color	Beam Angle	Volt	Watt	Lumen	Dimensions mm	Color
1337	1x 3W	Warm White	110°	8-30 V	3,1	105	H140,9 Ø base 65 Ø Lamp 100	Chrome Plated Brass

SWIVEL READING/WALL LIGHT LED  
Stainless steel with frosted glass shade

Code	LED	Light color	Beam Angle	Volt	Watt	Lumen	Dimensions mm
1302	1 x 3 W	Warm White	110°	8-30 V	3	140	H 105, Ø 60



## LED READING LIGHT

Chrome brass plated. With warm light, switch and moving head.

Code	LED	Light Colour	Beam Angle	Volt	Watt	Lumen	Dimensions mm
1301	1	Warm White	110°	12/24 V	3.1W	140	H 100,5 Ø Head 50 Ø Base 54

NEW

PULL-OUT TABLE LAMP FOR COCKPIT TABLES  
The table lamp is made of plastic material, stainless steel pole with snap clutch. The power supply comes through the base with code 2907-1 (not included).

Code	Volt	Watt of Light	Dimensions mm
2907	12V	10W	180 x 340

NEW



NEW

## BASE OF TABLE LAMP

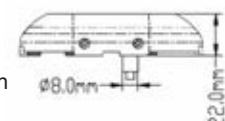
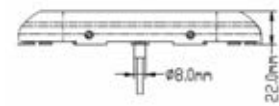
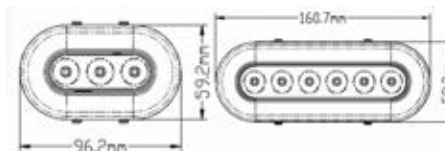
The base is made of plastic with stainless steel cap. Suitable for code 2907

Code	Dimensions mm
2907-1	63x64x31

## UNDERWATER LED LIGHTS



NEW

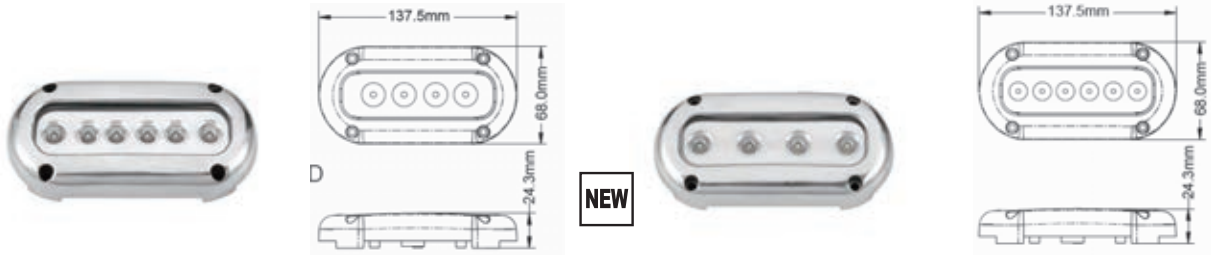


## UNDERWATER LED LIGHT

It is made of anti-corrosion &amp; chemically resistant polymer, waterproof IP68, surface mount, with 1,5 m wires. It can be mounted both above and under water.

Code	LED	Beam Angle	Volt	Watt	Lumen	LED Lifetime	Dimensions mm
3891-1W	3 "Samsung 3535" LED	120°	12/24 V	5,4W	460	50.000hrs	L 96, 2 x W 59,2 x 22 (Thickness)
3891-2W	6 "Samsung 3535" LED	120°	12/24 V	12W	710	50.000hrs	L 160,7 x W 59,2 x 22 (Thickness)

**UNDERWATER LED LIGHTS**



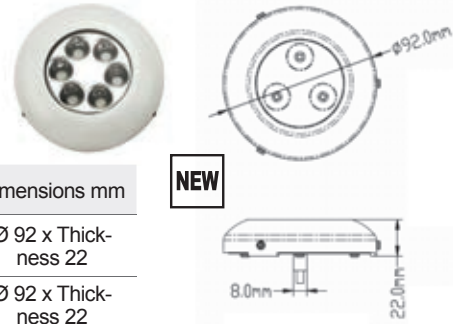
**UNDERWATER LED LIGHT**

Stainless steel 316, waterproof IP68, surface mount, with 1.5 m wires, LED Lifetime: 50.000 hrs. It can be mounted both above and under water.

Code	LED	Beam Angle	Volt	Watt	Lumen	Dimensions mm
<b>3875-1W</b>	4 x 3W	120°	10/30V	10	372	L 137,5 x W 68 x Thickness 24,3
<b>3875-2W</b>	6 x 3W	120°	10/30V	14,2	603	L 137,5 x W 68 x Thickness 24,3

**UNDERWATER LED LIGHT**

It is made of anti-corrosion & chemically resistant polymer, waterproof IP68, surface mount, with 1.5 m wires. It can be mounted both above and under water.



Code	LED	Beam Angle	Volt	Watt	Lumen	LED Lifetime	Dimensions mm
<b>3889-1W</b>	3 "Samsung 3535" LED	120°	12/24 V	5,4W	363	50.000hrs	Ø 92 x Thickness 22
<b>3889-2W</b>	6 "Samsung 3535" LED	120°	12/24 V	12W	561	50.000hrs	Ø 92 x Thickness 22

ELECTRICAL EQUIPMENT



**UNDERWATER LED LIGHT FOR GANG-PLANKS / UPPER STERN / BOTTOM**

Made of mirror-polished AISI 316 stainless steel, it is equipped with 5 W high-power Led lights. It can be installed both above or under water since it is totally watertight.



**WATERTIGHT LIGHT**

Watertight, surface mount, made of aluminum 360 alloy and then hardcoated which can be paint, low profil, suitable and for underwater use, designed for the harsh saltwater environment. With LED lights which are brighter than a 55 W halogen bulb.

Code	Watt	Volt	Colour
<b>2305-W</b>	5W	12/24	White
<b>2305-BL</b>	5W	12/24	Blue

Code	LED	Dimensions mm	Volt	Watt	Amper
<b>4356</b>	4 Super Bright	H 31,75 x Ø 100	10-28	>55W Halogen type	4,6A



**SURFACE MOUNT LED UNDERWATER LIGHT**

Made of stainless steel, with 1,5m wires. Placed under the water line .LED light installed.

**UNDERWATER LIGHT INOX**

Underwater light flat mount, stainless steel, waterproof IP65 for external use with tempered glass lens.



Code	LED	Dimensions mm	Volt	Watt
<b>4707</b>	4	Ø 94 x H 21	8-30 V	10,5

Code	LED	Volt	Watt, Amps	Lumens	Dimens. mm	Beam angle	Color
<b>4400</b>	High Illumination LED with white light	12/24V	18 W, 0,75A	1800 Lumen	Ø159 x Height 33	100°	Silver



## CABLES AND ACCESSORIES

**FLEXIBLE PVC CABLES**

Flexible stranded marine cable, single, double or triple core. Tinned copper conductors for corrosion resistance, PVC insulation with high durability under mechanical load, sea water, high temperatures, fuel, engine oils. CE certified. working voltage: 0,6/1 kV (acc. to IEC60092-353) working temperature : -40 to +90°C

**NEW**

Code	no. of poles x cross section (mm <sup>2</sup> )	Type	Color
3768-BLACK	1x 1 mm <sup>2</sup>	single core	BLACK
3768-RED			RED
3767-BLACK	1x 1,5 mm <sup>2</sup>	single core	BLACK
3767-RED			RED
3767-WHITE			WHITE
3767-BLUE			BLUE
3767-BROWN			BROWN
3767-GREY			GREY
3767-YELLOW			YELLOW
3766-BLACK	1x 2,5 mm <sup>2</sup>	single core	BLACK
3766-RED			RED
3766-WHITE			WHITE
3766-BLUE			BLUE
3766-BROWN			BROWN
3765-BLACK	1x 4 mm <sup>2</sup>	single core	BLACK
3765-RED			RED
3770-BLACK	1x 6 mm <sup>2</sup>	single core	BLACK
3770-RED			RED
3759-BLACK	1x 10 mm <sup>2</sup>	single core	BLACK
3759-RED			RED
3769-BLACK	1x 16 mm <sup>2</sup>	single core	BLACK
3769-RED			RED
3716-BLACK	1x 25 mm <sup>2</sup>	single core	BLACK
3716-RED			RED
3715-BLACK	1x 35 mm <sup>2</sup>	single core	BLACK
3715-RED			RED
3713-BLACK	1x 50 mm <sup>2</sup>	single core	BLACK
3713-RED			RED
3710-1,5BLACK	2x 1,5 mm <sup>2</sup>	double core	BLACK
3710-2,5BLACK	2x 2,5 mm <sup>2</sup>	double core	BLACK
3709-1,5BLACK	3x 1,5 mm <sup>2</sup>	triple core	BLACK
3709-2,5BLACK	3x 2,5 mm <sup>2</sup>	triple core	BLACK

**SPEAKER CABLE**

Standard flat speaker cable (twin), cross section 2x0,75mm<sup>2</sup>. Flexible, multistranded. PVC insulated, copper conductors.

**NEW**

Code	no. of poles x cross section (mm <sup>2</sup> )	Type	Color
3708-1	2x0,75 mm <sup>2</sup>	twin cables	BLACK & RED

**CABLES AND ACCESSORIES**

**MARINE CABLES.**

Marine cables are made of tinned copper in order to provide maximum protection from corrosion and electrolysis. They are extremely flexible even in extreme conditions. They are covered with silicone so they can resist to sea water, battery fluids, gasoline and even UV rays. Operating Voltage 300V/500V, temperature range: -60°C up to 180°C (occasionally 200°C).



Code	CROSS SECTION mm <sup>2</sup>	AVAILABLE COLORS	TERMINAL COMPATIBILITY
4420	1	GREY(GR), BROWN(BR), RED(RD), YELLOW(Y), BLACK(BLACK), BLUE(BL), GREEN(GREEN)	Can be adjusted to all red terminals
4419	1,5	GREY(GR), BROWN(BR), RED(RD), YELLOW(Y), BLACK(BLACK), BLUE(BL),	Can be adjusted to all red and blue terminals
4418	2,5	GREY(GR), BROWN(BR), RED(RD), YELLOW(Y), BLACK(BLACK), BLUE(BL), GREEN(GREEN)	Can be adjusted to all blue terminals
4417	4	RED(RD), BLACK(BLACK)	Can be adjusted to all yellow terminals
4416	6	RED(RD), BLACK(BLACK)	Can be adjusted to all yellow terminals
4415	10	RED(RD), BLACK(BLACK)	
4414	25	RED(RD)	
4413	35	RED(RD)	



Code	Type	Number of cores x Cross Section mm <sup>2</sup>
4030	2 CORES	2 x 1,5
4031	2 CORES	2 x 2,5
4032	3 CORES	3 x 1,5
4033	3 CORES	3 x 2,5

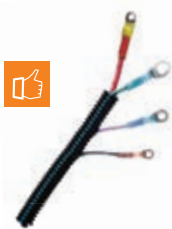
**SILICONE CABLES**

(-50°C up to +180°C) OLFLEX® HEAT 180 SIHF CE RoHS  
 Good flexibility ease the installation where space is limited. Possess still insulating properties after combustion due to remaining SiO<sub>2</sub> ash on the conductor. Resistant against a multitude of oils, alcohols and chemical media  
 Fine strands of tinned copper wires. Silicone based core insulation. Cores twisted in layers. Silicone based outer sheath, colour red-brown  
 Specific insulation resistance >200 GOhm x cm,  
 Rated voltage U0/U 300/500 V, Range of temperature -50 °C up to +180 °C

ELECTRICAL EQUIPMENT

**PLASTIC CABLE TUBES**

Length of roll : 30m



Code	Diameter mm	Color
4423 - 19	19	Black
4423 - 25	25	Black

**SPIRAL CABLE WRAP**

Length of roll : 30m

Code	Diameter mm	Color
4422 - 19	19	Black



**TIE WRAP FOR GENERAL USE**

Transparent.



Code	Dimensions mm
846 - 1	L 80 x W 2,5
846 - 2	L 200 x W 2,5
846 - 3	L 150 x W 3,6
846 - 4	L 200 x W 4,8
846 - 5	L 103 x W 4,8
846 - 6	L 200 x W 7,6
846 - 7	L 300 x W 7,6



**WIRE HOLDERS**

Code	Thickness inch	Thickness mm
4633-2	3/16"	5
4633-6	1/4"	6
4633-8	5/16"	8
4633-10	3/8"	10



**SPIRAL REINFORCED DUCTING HOSE**

Made of polyethylene. Length 10 m.

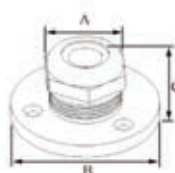
Code	D mm
4256 - 7	7
4256 - 13	13
4256 - 16	16,4



Code 3356  
**POLARIZED CONNECTOR FOR CABLE**



Code 4971  
**WATERPROOF HOLDER**  
 With rubber ring.




**CABLE OUTLET**  
 Stainless Steel.

Code	A mm	B mm	C mm	Cable Diam. mm
1389	22	49	21	4 - 11

## CABLES AND ACCESSORIES

The red ( R ) terminals fit to cables with cross-section 0.5 - 1.5 square mm, the blue (BL) terminals fit to cables with cross-section 1.5 - 2.5 square mm and the yellow terminals (Y) fit to cables with cross-section 4-6 square mm.

## HEAT SHRINK RING TYPE TERMINALS

Code	Color	Diam. mm	Pack. Pcs.
4363 - 4R	RED	4,3	50
4363 - 5R	RED	5,3	50
4363 - 6R	RED	6,4	40
4363 - 8R	RED	8,4	30
4363 - 10R	RED	10,5	30
4363 - 4BL	BLUE	4,3	50
4363 - 5BL	BLUE	5,3	50
4363 - 6BL	BLUE	6,4	40
4363 - 8BL	BLUE	8,4	30
4363 - 10BL	BLUE	10,5	30
4363 - 4Y	YELLOW	4,3	30
4363 - 5Y	YELLOW	5,3	30
4363 - 6Y	YELLOW	6,4	30
4363 - 8Y	YELLOW	8,4	30
4363 - 10Y	YELLOW	10,5	30



## HEAT SHRINK FORK TYPE TERMINALS

Code	Color	Diam. mm	Pack. Pcs.
4364 - 4R	RED	4,3	50
4364 - 5R	RED	5,3	50
4364 - 4BL	BLUE	4,3	50
4364 - 5BL	BLUE	5,3	50
4364 - 4Y	YELLOW	4,3	50
4364 - 5Y	YELLOW	5,3	50

## HEAT SHRINK MALE DISCONNECTOR TERMINALS



Code	Color	Diam. mm	Pack. Pcs.
4367 - 1R	RED	6,3	50
4367 - 2BL	BLUE	6,3	50
4367 - 5Y	YELLOW	6,3	30



## HEAT SHRINK FEMALE DISCONNECTOR TERMINALS



Code	Color	Diam. mm	Pack. Pcs.
4365 - 1R	RED	6,3	50
4365 - 2BL	BLUE	6,3	50
4365 - 5Y	YELLOW	6,3	30

## HEAT SHRINK FULLY INSULATED FEMALE DISCONNECTOR TERMINALS



Code	Color	Diam. mm	Pack. Pcs.
4370 - 1R	RED	6,3	50
4370 - 2BL	BLUE	6,3	50
4370 - 5Y	YELLOW	6,3	30



## HEAT SHRINK BULLET TYPE MALE DISCONNECTOR TERMINALS



Code	Color	Diam. mm	Pack. Pcs.
4368 - 1R	RED	6,3	50
4368 - 2BL	BLUE	6,3	50
4368 - 5Y	YELLOW	6,3	30

## HEAT SHRINK BULLET TYPE FEMALE DISCONNECTOR TERMINALS



Code	Color	Diam. mm	Pack. Pcs.
4369 - 1R	RED	6,3	50
4369 - 2BL	BLUE	6,3	50
4369 - 5Y	YELLOW	6,3	30



## HEAT SHRINK BUTT TYPE TERMINALS



Code	Color	Diam. mm	Pack. Pcs.
4366 - 1R	RED	1,7	50
4366 - 2BL	BLUE	2,3	50
4366 - 5Y	YELLOW	3,4	30

**EXTENTION CORDS & MARINE SOCKETS**



**Code 2858**  
**POWER INLET "MALE"**  
Stainless steel. 16A, 220V. Equipped with easy lock system and rear safety enclosure. Suitable for code 2857-2.



**Code 2857-2**  
**FEMALE CONNECTOR**  
16A, 220V. Corrosion resistant terminals and contacts.



**Code 2857-3**  
**SOCKET COVER**  
Waterproof, with sealing ring. For code 2857-2



**Code 2857-1**  
**POWER INLET**  
Glass-filled polyester. Watertight. 16A, 220V. Equipped with easy lock system and rear safety enclosure. Suitable for code 2857-2.



**Code 2859-2**  
**FEMALE CONNECTOR**  
32A, 220V. Corrosion resistant terminals and contacts.



**Code 2859-3**  
**SOCKET COVER**  
Waterproof, with sealing ring. For code 2859-2.



**NEW**  
**FEMALE PLUG WITH COVER CE, IP 54**  
International Standard Scuko, conformed to European/International Standards EN/IEC 60309-2

Code	Volt	Amps
3589	200-250 V	16A



**POWER SOCKETS**  
Waterproof IP67.

Code	Description	Type	Amp	Volt	Color
1297	3- pole	Male	32A	220 V	Blue
2621	3- pole	Female with safety cover	32A	220 V	Blue



**EXTENSION CORD WITH SCHUKO & FEMALE SOCKET**

Code	Volt	Amp
2861	220V Male	16A Female
2861-1		32A Female



**POWER SOCKETS**  
3poles, waterproof, UV resistance, polycarbonate. IP44

Code	Description	Type	Amp	Volt	Color
4883-1	3- pole	Female with safety cover	16A	220 V	Blue
4883-2	3- pole	Female with safety cover	32A	220 V	Blue
4639-1	3- pole	Male	16A	220 V	Blue
4639-2	3- pole	Male	32A	220 V	Blue



**POWER SOCKETS**  
Color : blue IP67

Code	Description	Type	Amp	Volt	
4878	3- pole	Male	220V	16A	With safety connector
4879	3- pole	Female			With safety cover



**EXTENSION CORDS**  
**MARINE TYPE CEE**  
With male-female power socket.

Code	Length	Volt	Amp
3576-15	15m	230V	16A
3576-20	20m	230V	16A
4062-15	15m	230V	32A
4062-20	20m	230V	32A



**MARINE CONNECTOR INOX**  
Waterproof, 3pole, 250 Volt.

Code	Amps
4637-16	16
4637-32	32



**EXTENSION CORDS**

Code	Length	Thickness	Volt	Amp
4619-1	7,5m	6 m <sup>2</sup>	230 V	16A
4619-2	15m	6 m <sup>2</sup>	230 V	16A

**EXTENTION CORDS & MARINE SOCKETS**



**Code 2856-2**  
**CONNECTOR MALE & FEMALE**  
2 Poles. 12V or 24 V.



**Code 2856-4**  
**CONNECTOR MALE & FEMALE**  
4 Poles. 12V or 24 V.



**Code 1401 - 4**  
**ELECTRIC PLASTIC TERMINAL 4 POLES, FEMALE**  
Plastic socket with cap 3A-4PIN.



**PLUG AND SOCKET 12V**

Code	Type
1380	Plug
1381	Socket



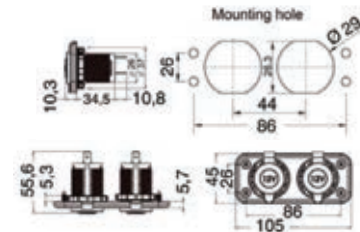
**Code 1579**  
**ELECTRIC SOCKET WITH CIRCLE BASE 12V**  
With protective cap.



**Code 1580**  
**ELECTRIC PLUG 12V**



**Code 1619**  
**ELECTRIC KIT 12V**  
Electric socket – plug and circle base.  
Blister package



**DOUBLE SOCKET WITH PANEL**  
Watertight double socket

Code	Volt	Dimensions mm
953	12 V	105 x 45



**WATERPROOF CONNECTOR**  
Made of brass with plastic cap.

Code	Volt	Type
1384 - 32	12 V	3A - 2PIN
1384 - 33	12 V	3A - 3PIN
1384 - 52	12 V	5A - 2PIN



**Code 3143**  
**CIGARETTE LIGHTER 12V**  
With plate and wire.



**Code 3551**  
**DOUBLE CIGARETTE LIGHT SOCKET 12V**



**PLUG AND SOCKET 12V**

Code	Type
4482	Plug
4483	Socket



**Code 1354**  
**TWIN SOCKET WITH 2 USB CHARGER PORTS**  
For connecting to cigarette lighter. It provides 2 cigarette sockets and 2 USB ports. Adjustable Direction 4-degree, with Blue LED Indicator Light. Color white. 12V, 2A

**BUS BARS & TERMINALS**



**HEAVY-DUTY MODULAR DESIGN DUAL BUS BARS WITH CONNECTING LINK**

Heavy-duty dual bus bar with removable connecting link. Made of glass fiber reinforced nylon base and enclosure that ensures great mechanical strength and durability and nickel plated brass bus bar that allows current up to 100A. The module box design ensures easy

wiring configurations. Removable windows for unobstructed wiring and blank write-on space on the top allows easy labeling for each branch

**NEW**

Code	Type	Max amperage A	Max Voltage V	Dimensions mm
3259	4 studs x 10mm + 12 screws x 4mm	100 A	48 V	138 x 69 x 44,5



**HEAVY-DUTY MODULAR DESIGN TERMINAL STUDS WITH INSULATION PARTITION**

The heavy-duty modular design terminal studs with insulation partition allows terminating of heavy-duty cables for one or more connections. Made of glass fiber reinforced nylon base and enclosure that ensures great mechanical strength and durability and nickel plated brass bus bar that allows current up to 200A. Removable windows for unobstructed wiring and blank write-on space on the top allows easy labeling for each branch

**NEW**

Code	Type	Max amperage A	Max Voltage	Dimensions mm
3266	4 studs x 10mm	200 A	48 V	138 x 69 x 44,5



**HEAVY-DUTY MODULE DESIGN BUS BAR BOX WITH 4 TERMINAL STUDS**

Heavy-duty module design bus bar box with 4 terminal studs with glass fiber reinforced nylon base and enclosure that ensures great mechanical strength and durability. The bus material is brass and nickel plated. It is designed with removable windows for unobstructed wiring while blank write-on space on the top allows easy labeling for each branch.

**NEW**

Code	Type	Max Amperage A	Max Voltage V	Dimensions mm
3254	4 studs x 10mm	300 A	48 V	138 x 69 x 44,5



**HEAVY-DUTY MODULE DESIGN BUS BAR BOX WITH 2 TERMINAL STUDS**

Heavy-duty module design bus bar box with 2 M10 terminal studs and 6 screws, with glass fiber reinforced nylon base and enclosure that ensures great mechanical strength and durability. The bus material is brass and nickel plated. It is designed with removable windows for unobstructed wiring while blank write-on space on the top allows easy labeling for each branch.

**NEW**

Code	Type	Max Amperage A	Max Voltage V	Διαστάσεις mm
3255	2 τερματικά x 10mm + 6 βίδες διακλάδωσης x 5mm	300 A	48 V	138 x 69 x 44,5



**BUS-BAR ELECTRIC TERMINAL BOARD**

High insulating capacity ABS base. Made of Tin Plated Copper support bar, for DC

**NEW**

Code	Type	Volt	Amps	Dimensions mm
3125-1	4P	10-30	150A	L 152,4 x W 31,75 x H 34,93
3125-2	10P		150A	L 152,4 x W 31,75 x H 34,93
3125-3	12P		250A	L 193,7 x W 38,1 x H 41,3



**DUAL HEAVY-DUTY TERMINAL STUDS WITH ISOLATING PLATE**

Dual heavy-duty terminal studs with isolating plate that allow terminating of heavy-duty cables for two or more connections. Red or Black color in 2 sizes (M8/M10). Made of glass fiber reinforced nylon base that ensures great mechanical strength and durability.

**NEW**

Code	Type	Max Voltage V	Dimensions mm
3268-1	M8x2 BLACK	48V	43 x 45,3 x 31
3268-2	M8x2 RED		43 x 45,3 x 31
3268-3	M10x2 BLACK		43 x 45,3 x 34
3268-4	M10x2 RED		43 x 45,3 x 34



**ELECTRICAL CABLES TERMINALS**

Separators for accidental contacts, nickel plated brass terminals.

**NEW**

Code	No. of terminals	Volt	Amps	Dimensions mm
3139-1	6	10-30	20A	L 90 x W 30
3139-2	8		20A	L 100 x W 30



**TERMINAL BLOCK**  
Nylon W/ Carbon base.

Code	Positions	Max Amps in every block	Max Volt	Dimensions mm
3244 - 4	4	60	32	38 x 76
3244 - 6	6			38 x 114
3244 - 8	8			38 x 152



**SINGLE HEAVY-DUTY TERMINAL STUDS**

Single heavy-duty terminal studs that allow terminating of heavy-duty cables for one or more connections. Red or Black color in 2 sizes (M8/M10). Made of glass fiber reinforced nylon base that ensures great mechanical strength and durability.

**NEW**

Code	Type	Max Voltage V	Dimensions mm
3267-1	M8 BLACK	48V	43 x 45,3 x 31
3267-2	M8 RED		43 x 45,3 x 31
3267-3	M10 BLACK		43 x 45,3 x 34
3267-4	M10 RED		43 x 45,3 x 34

## SWITCH PANELS / FUSE HOLDERS / FUSES

**NEW****MEMBRANE TOUCH ELECTRIC CONTROL PANEL**

The innovative membrane switch panel with remotely installed control box provides maximum flexibility for electrical wiring. Thanks to the compact panel size, there is always a place for the control panel in any crowded dashboard. The whole-sealed nature of the membrane touch panel makes these panels also our most water-proof and dust-proof panels (IP67).

**Features**

- Ultra compact panel size, 75% smaller than traditional switch panels of the same number of positions
  - Easy to install; almost no mounting depth required
  - Soft and flexible panel that suits even curved surface
  - IP67-protected against temporary immersion in water
  - Remotely installed control box (up to 1m away from the touch panel) provides maximum flexibility for wiring
  - ON-indicating LED and 10A PPTC for each branch
  - 40 (20 text + 20 graphic) assorted label set included
  - Circuit Protection | Built-in Resettable Fuse (PPTC)
  - Panel Ratings | 10A per branch at DC 12V. Max Cumulative Amp | 35A (6P)
- (Max possible Amperage for each panel is determined by the lower of total switches ratings or the Max Cumulative Amperage listed above)

**Set includes**

- Touch control panel 6 or 12 positions
- Remote control box
- 40 (20 text + 20 graphic) assorted label
- Connecting cable DIP, 1 m.



Code	Type	Touch panel dimensions Width x Height	Panel cut-out dimensions Width x Length	Volt	Control box dimensions Length x Width x Height
3209-6	6 positions	70 x 62,5 mm	35 x 15 mm	12	136 x 90 x 32 mm
3209-12	12 positions	130 x 75 mm	35 x 15 mm		136 x 90 x 59 mm

**NEW****WATERPROOF SWITCH PANELS WITH LED**

Waterproof switch panel with wave series facelift design and auto reset circuit breaker. Suitable voltage : 12VDC

Code	Type	Cut out dimensions mm	External Dimensions mm
4960-4	With 4 switches	L110 x W92	L128 x W100
4960-6	With 6 switches	L166 x W92	L184 x W100

**WATERPROOF SWITCH PANEL**

With led bulb. Made of ABS. 12 / 24V and 15 A fuses.

Code	Type	Dimensions mm
4479 - 4	With 4 switches	L110 x W107
4479 - 6	With 6 switches	L170 x W120

**WATERPROOF SWITCH PANELS**

Made of anodized aluminium with leds and automatic fuses.

Code	Type	Max Volt in every switch	Max amps in every switch	Dimensions mm
1358 - 3	With 3 switches	12V	16A	W133 x H95
1358 - 6	With 6 switches			W133 x H190

**SWITCH PANELS / FUSE HOLDERS / FUSES**



**WATERPROOF SWITCH PANEL**  
Wave design. Made of ABS. With led illuminated switches and automatic fuses.

Code	Type	Max Volt	Max Amps in every switch	Dimensions mm
4720 - 4	With 4 switches	12	10	L 110 x W 100
	With 6 switches			L 160 x W 100



**WATERPROOF SWITCH PANEL**  
Wave design. Made of ABS. With 3 led illuminated switches, automatic fuses and a cigarette socket.

Code	Max Volt	Max Amps in every switch	Dimensions mm
4721	32	10	L 125 x W 100



**WATERPROOF SWITCH PANEL**  
Wave design. Made of ABS. With 3 led illuminated switches, automatic fuses and a current meter.

Code	Max Volt	Max Amps in every switch	Dimensions mm
4722	32	10	L 110 x W 100



**WATERPROOF SWITCH PANELS**  
Plastic with neoprene cap. Suitable voltage : 12VDC  
Blade type fuses Universal 19 x 5,5 mm.

Code	Type	Dimensions mm
1352 - 4B	Black - 4 switches	108 x 95
1352 - 4WH	White - 4 switches	
1352 - 6B	Black - 6 switches	108 x 124
1352 - 6WH	White - 6 switches	



**WATERPROOF SWITCH PANEL**  
Made of aluminum, with 3 switches. Includes cigarette lighter socket, voltmeter and automatic fuses. Suitable voltage : 12VDC

Code	Dimensions mm
1363 - 3	L190 x W133



**WATERPROOF SWITCH PANELS**  
With rubber caps and fuses 10 Amp.

Code	Type	Volt	Dimens. mm
3242 - 3	With 3 rubber caps	12	L94 x W70
	With 4 rubber caps		L125 x W100



**WATERPROOF SWITCH PANELS**  
With the automatic fuses and lighted switches. It is combined with the codes 1377-1, 1377-2, 1377-3. Suitable voltage : 12VDC

Code	Type	Dimensions mm
3458 - 3	With 3 switches	L90 x W90
3458 - 6	With 6 switches	L170 x W90



**Code 3458 SILICONE RUBBER SPARE CUP**  
For codes 3458-3 and 3458-6, 1377-1, 1377-2, 1377-3.



**CIRCUIT BREAKER**  
It can be combined with the silicone rubber cup with code 3458. Spare part for codes 3458-3, 3458-6, 3458, 3459.

Code	Amps	Poles
1377-1	5A	2
1377-2	10A	
1377-3	15A	



**WATERPROOF SWITCH PANEL**  
With 5 switches and lighter socket. With the automatic fuses and lighted switches. It is combined with the codes 1377-1, 1377-2, 1377-3. Suitable voltage : 12VDC

Code	Dimensions mm
3459	L170 x W90



**SWITCH PANELS / FUSE HOLDERS / FUSES**



**WATERPROOF SWITCH PANEL**  
Made of aluminium, rubber booted, with five water resistant switches, cigarette lighter socket. Each circuit separately fused for 10 Amp 12V DC.

Code	Dimensions mm
3245	L170 x W 70



**WATERPROOF SWITCH PANEL**  
Made of aluminum with 4 lighted switches. Suitable voltage : 12VDC

Code	Dimensions mm
1363 - 4	L133 x W95



**SWITCH PANEL**  
Aluminium plate with 6 illuminated switches 12V and circuit breaker.

Code	Dimensions mm
1353	L 167 x W 117



**WATERPROOF SWITCHES**  
With led bulb. Spare part for code 1363-4.

Code	Type	Dimensions mm
1386	ON/OFF	L 46 x W 24
1387	ON/OFF/ AUTO ON	L 46 x W 24



**Code 1376 SWITCH FOR PANEL**  
With led bulb. Spare part for codes 1353, 1355.



**SWITCH PANEL WITH 6 SWITCHES**  
With fuse holders and illuminated switches, 12V.

Code	Type	Dimensions mm
1355	With 6 rubber caps	L 167 x W 115



**SWITCH PANELS**  
With fuse holders. Suitable voltage : 12VDC

Code	Type	Dimensions mm
1351 - 3	With 3 switches	L 93 x W 115
1351 - 6	With 6 switches	L 165 x W 115



**Code 1364 FUSE HOLDER**  
For code 1351. 15 Amp.



**WATERPROOF SWITCHES**  
With led bulb and fuses 10Amp. Suitable voltage : 12VDC

Code	Type	Dimen. mm
3239-3	With 3 rubber caps	L102 x W100
3239-4	With 4 rubber caps	L125 x W100
3239-6	With 6 rubber caps	L170 x W100



**SWITCHES 12V – 20A**  
Available with its cover.

Code	Positions	Type
1589	0 Stable	TWO POSITIONS
	1 Stable	
1591	0 Stable	TWO POSITIONS
	1 Momentary	
1590	0 Stable	THREE POSITIONS
	1 Stable	
	2 Stable	
1594	0 Momentary	THREE POSITIONS
	1 Stable	
	2 Momentary	
1595	0 Momentary	THREE POSITIONS
	1 Stable	
	2 Stable	



**Code 1620 STICKERS FOR ELECTRICAL SWITCHES / SET 25 STICKERS**



**Code 1603 CENTRAL BASE**  
Suitable for codes: 1589, 1591, 1590, 1594, 1595.



**Code 1604 RIGHT OR LEFT BASE**  
Suitable for codes: 1589, 1591, 1590, 1594, 1595.



**COVER FOR SWITCH**  
For better water proofing. Spare part for codes 3242, 3245, 3239, 1352.

Code	Dimensions Ø/mm
1372 - 10	10
1372 - 12	12

**SWITCH PANELS / FUSE HOLDERS / FUSES**



**3-WAY LIGHTED ROCKER PANEL SWITCH**



Controls any pump equipped with an automatic float switch. This unit features a black plastic panel. It has a built-in fuse holder and an internally lighted rocker switch with 3 positions (automatic, off, or manual) with the Rule "fail-safe" spring return to "off" from the "manual" position.

Code	Type	Volt	Amp	Dimensions mm
1382	Auto / Off / Manual	12	20	H 6 x W 7,3



**WIRELESS REMOTE CONTROL**  
Allows the operation of various 12V electric devices.

Code	Type	Range m
4477 - 1	For 1 device	20
4477 - 2	For 2 devices	20



**SAFETY PROTECTOR PANEL**

Safety Protector Panel 12V. It features 3-way rocker switch, (Manual-Off-Auto) to control and protect any pump with an automatic float switch. Equipped with a built-in solid state relay that takes

current up to 40 amps and prevents impact from intermittent high current. Interchangeable fuses for options and easy replacement. Its use is necessary with pumps and float switch higher than 10 amps. Panel and fuse case with 5 fuses (5, 10, 20, 25, 30A one piece each fuse)

Code	Volt	Dimensions mm
3946	12V	L 116 x H 87



**WATERPROOF PUMP SWITCH**  
With led bulb.

Code	Type	Dimensions mm
1373	Auto / Off / Manual	89 x 51



**DIMMER**

Made of plastic. Max lamp rating 80W. Will cut power at large current deviations.

Code	Dimensions mm	Depth mm	Volt
4490	L 60 x W 60	15	12 / 24



**HEAVY DUTY BRASS TOGGLE SWITCH**

Heavy duty toggle switch.

Code	Volt - Amps	Type	Application
3269-2	125VAC - 15A, 250VAC - 10A, 12VDC - 15A, 24VDC - 10A	2 positions ON-OFF	horns, pumps etc
3269-3	125VAC - 15A, 250VAC - 10A, 12VDC - 15A, 24VDC - 10A	3 positions ON-OFF- ON	winches, flaps, trim tabs etc



**BILGE WATER PUMP SWITCH**

Three way: Auto - off - Manual. Led operation light, spare fuse L 30mm, 5A.

Code	Dimensions mm
1357	L 89 x W 50



**Code 1410 SWITCH**  
27 x 17,05mm  
white plastic.



**Code 1383 PUSH BUTTON**  
Rubber and waterproof.  
Cut diameter : 22 mm  
External diameter : 30 mm



**Code 1379 ON-OFF SWITCH 2 POSITION 12V-16A**  
With led indicator light.



**Code 1390 ON/OFF/ON SWITCH 3 POSITIONS**  
Waterproof.



**Code 3938-10 WATERTIGHT ON-OFF SWITCH 2 POSITIONS 12V 10A** Brass chrome plated.



**Code 1374 ON-OFF SWITCH 2 POSITION 12V 10A**  
Brass chrome plated. Can be attached with cover code. 01372-12.



**BRASS PUSH SWITCH BUTTON 12V**  
With rubber cap.

Code	Dimensions mm	Diameter mm
1371	L 32	16



**BRASS PUSH PULL SWITCH - 2 POSITION 12V-20A**  
With brass chrome plated plastic knob.

Code	Dimensions mm	Diameter mm
1370	L 30	9,5



**BRASS PUSH PULL SWITCH 3 POSITION 12V-20A**  
With chromed plated plastic knob.

Code	Dimensions mm	Diameter mm
1378	L 50	9,5

**SWITCH PANELS / FUSE HOLDERS / FUSES**



**SWITCH 3 POSITIONS**  
Brass with key.  
It is three connection points

Code	Dimensions mm	Diameter mm
3940	L 64	20



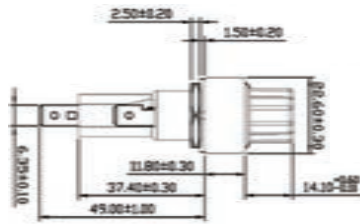
**CIRCUIT BREAKER**

Code	Amps
1395-1	5A
1395-2	10A
1395-3	15A
1395-4	20A
1395-5	25A
1395-6	30A



**GLASS FUSE HOLDER**  
With one LED Indicator that shows when the fuse is burned.

Code	Volt	Amps	Dimensions mm
1369	32 V DC	20A	Overall Height 74,9 x Glass Cup Ø 14,6



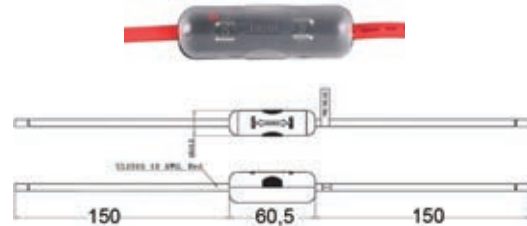
**AUTOMATIC FUSE**  
With waterproof cover. For codes 3458, 3459.

Code	Amper	Dimensions mm
1391 - 05	5 A	31 x 14,6 x 35 Ø 12
1391 - 10	10 A	
1391 - 15	15 A	
1391 - 20	20 A	
1391 - 40	40 A	
1391 - 60	60 A	



**FUSE HOLDER**  
Suitable fuse : Glass type 6,35 X 30mm"

Code	Dimensions mm
1388	L 200



**GLASS FUSE HOLDER,**  
With one Red LED indicator that is ON when the fuse is burned. Suitable fuse : Glass type 6,35 X 30mm

Code	Amps	Volt	Dimensions mm
1365	30	12	L 60,5 x W 18



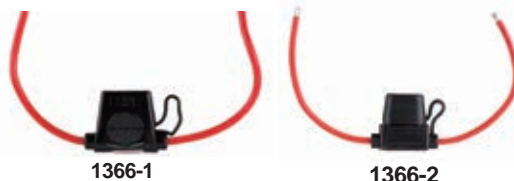
**FUSES FOR PANELS**

Code	Amper	Dimen. mm	Ø mm
1888 - 06	6	L 20	5
1888 - 10	10	L 20	5
1888 - 15	15	L 20	5
1888 - 20	20	L 20	5
1891 - 06	6	L 30	6,35
1891 - 10	10	L 30	6,35
1891 - 15	15	L 30	6,35
1891 - 20	20	L 30	6,35



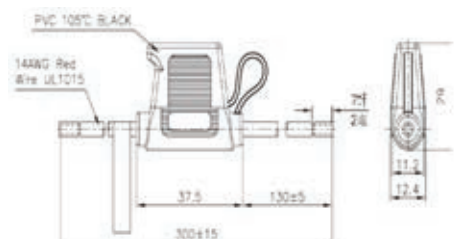
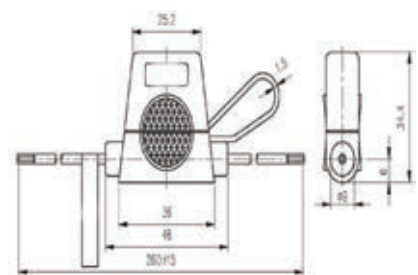
**FUSE HOLDER 30A**  
Waterproof made of PV  
Suitable fuse Blade type mini 19 x 5,5mm

Code	Dimensions mm
3354	L 310

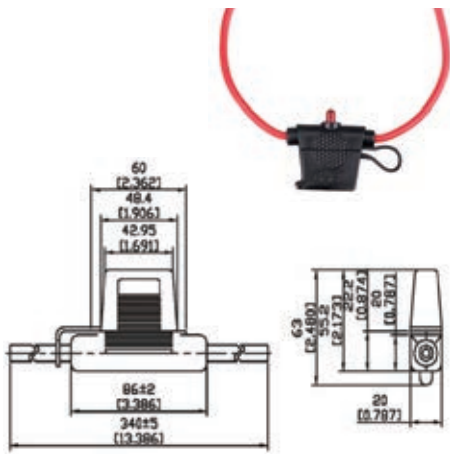


**FUSE HOLDERS**  
Waterproof, with wires 260mm long.

Code	Amps	Volt	Dimensions mm	For Fuse Type
1366-1	30A	32V DC	W 46	Blade fuse universal 19 x 5,5mm
1366-2	30A	32V DC	W 37,5	Mini Blade



**SWITCH PANELS / FUSE HOLDERS / FUSES**



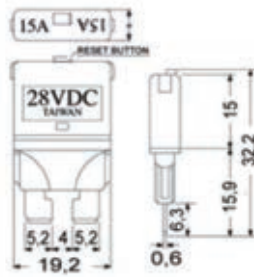
**FUSE HOLDERS**  
Waterproof with 1 Red LED Indicator

Code	Amps	Volt	For Fuse Type
<b>1375-1</b>	12/24 V DC	20A-60A Max	Blade type maxi 29 x 8,8mm
<b>1375-2</b>	12/24 V DC	25A	Blade Fuse



**FUSE/TERMINAL BLOCK**  
Nylon W/ Carbon base.  
Suitable fuse glass type 6,35 X 30mm

Code	Positions	Dimensions mm
<b>3240 - 4</b>	4	84 x 96
<b>3240 - 6</b>	6	84 x 114
<b>3240 - 8</b>	8	84 x 152



**RESETTABLE BLADE FUSES**  
Standard resetting by pushing the manual head button. Suitable for fuse holder box with code 1419-2. Suitable for any fuse holder of blade type universal 19 x 5,5mm that has no height limitation.

Code	Amps	Volt
<b>953-1</b>	5 A	12/24V
<b>953-2</b>	10 A	
<b>953-3</b>	15 A	
<b>953-4</b>	20 A	

**NEW FUSE**



Code	Volt	Amp
<b>990-1</b>	32V	5A
<b>990-2</b>		10A
<b>990-3</b>		15A
<b>990-4</b>		20A



**BREAKER AND FUSE BLOCKS**  
Suitable fuse blade type universal 19 x 5,5mm. Fitted with clear cover and sealing gasket; bayonet terminals.

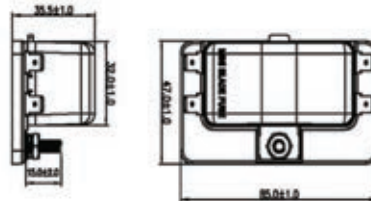
Code	Volt	Fuses
<b>3148</b>	12	6

**FUSE HOLDER BOX WITH TRANSPARENT SNAP COVER**  
Made of polycarbonate with silver-plated phosphor bronze connections.

Code	Amps		Dimensions mm	For fuse	Volt	Fuse housing
	Total Max amperage	Max for each fuse				
<b>1419-1</b>	100A max	20A	125 x 85	Blade type universal 19 x 5,5 mm	12/24V	6
<b>1419-2</b>				Resettable fuse		



**FUSE HOLDERS FOR MINI BLADE FUSES**  
With clear insulating cover design for water and dust proof. Easy to open by pressing the latch. It has a red LED Indicator that shows when the fuse is broken. Max voltage : 32VDC



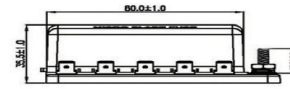
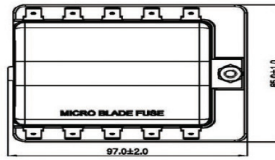
Code	Amps Input	Amps Output	Dimensions mm	For Fuse	Materials	Gang
<b>1367-1</b>			H 85 x W 47		Base made of PBT (thermo-plastic engineering polymer, an insulator) Cup made of PC (polycarbonate)	4
<b>1367-2</b>	100A max	30A max per circuit	H 85 x W 63	Mini blade fuse 11.2 x 4mm		6
<b>1367-3</b>			H 85 x W 97			10



## SWITCH PANELS / FUSE HOLDERS / FUSES

## FUSE HOLDERS FOR MICRO BLADE FUSES

With clear insulating cover design for water and dust proof. Easy to open by pressing the latch. It has a red LED Indicator that shows when the fuse is broken. Max voltage : 32VDC

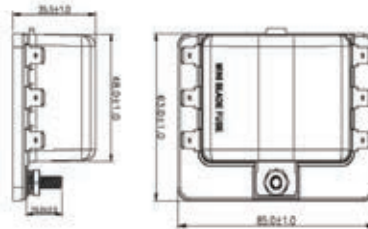


Κωδικός	Amps Input	Amps Output	Dimensions mm	For Fuse	Materials	Gang
1328	100A max	30A max per circuit	H 85 x W 97	Blade fuse mini 19 x 5,5mm	Base made of PBT (thermo-plastic engineering polymer, an insulator) Cup made of PC (polycarbonate)	10



## FUSE HOLDERS FOR BLADE FUSES

With clear insulating cover design for water and dust proof. Easy to open by pressing the latch. It has a red LED Indicator that shows when the fuse is broken. Max voltage : 32VDC

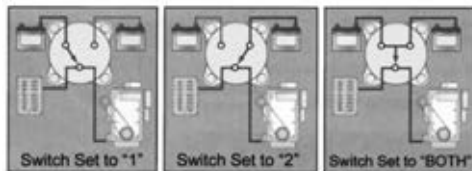


Code	Amps Input	Amps Output	Dimensions mm	For Fuse	Materials	Gang
1321-1			H 85 x W 47			4
1321-2	100A max	30A max per circuit	H 85 x W 63	Blade fuse universal 19 x 5,5mm	Base made of PBT (thermo-plastic engineering polymer, an insulator) Cup made of PC (polycarbonate)	6
1321-3			H 85 x W 97			10



## BATTERY SWITCHES

NEW



## BATTERY SWITCH

Can use batteries alternatively or simultaneously; fitted with copper contacts, stainless steel springs, PC/PTB/Fiberglass flame resistant casing, protective cable base; extra ring-nut for flush mounting (Ø size 95 mm); type approved by ISO 8846 MARINE EN 28846. "MK II" version. selectable options: bank/battery "1", bank/battery "2" or 1+2 simultaneously. Includes device that disconnects the alternator power automatically if is under the "OFF" position without switching off the engines; type-approval no. DIP006907SP.



Code	Version	Power A	Volt	Function	Pick up	Base mm	Height mm
1646	MK II	continuous	intermittent	1 - battery 1 2 - battery 2 3 - parallel	1500	104x104	80
		300 A	450 A				



NEW

**BATTERY SWITCH**  
With plastic housing. For application up to 36V DC with 4 positions.



## BATTERY SELECTOR SWITCH

Allows selection of any position, including "off" without damage to alternator or electrical system.

Code	Continuous Amps	Momentary Amps	Volt	Dimensions Ø/cm
1248	310A	500A/5 min	36	L160 x W160 x H70

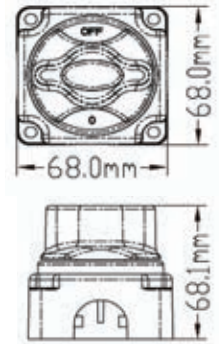
Code	Amps	Volt	Dimensions mm	Type
1346	250 A continuous / 450 A for 5 minutes / 700 A for 10 seconds / 1500 A breaking.	12	69 mm x 69 mm x H 75 mm	Battery switch 1,2, 1+2 and OFF

**BATTERY SWITCHES**



**MINI BATTERY SWITCH WITH KNOB**

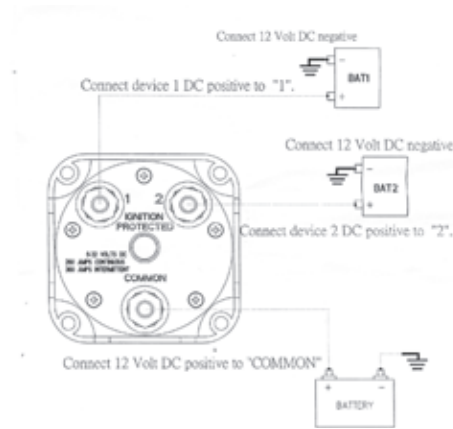
Code	Amps	Volt	Dimensions mm	Type
1257	250 A continuous at 12 V / 350 A intermittent.	12	68 mm x 68 mm x H 68,1 mm	With switch ON/OFF



**SWITCH FOR BATTERIES**

The switch for batteries allows to use the batteries together or to detach them. Provided with new rotating device type with safety release lock.

Code	Continuous Amps	Volt	Intermittent Amps	Dimensions mm
4042	280 A	12	380 A	101 x 101
1345	350 A		800 A	127 x 127

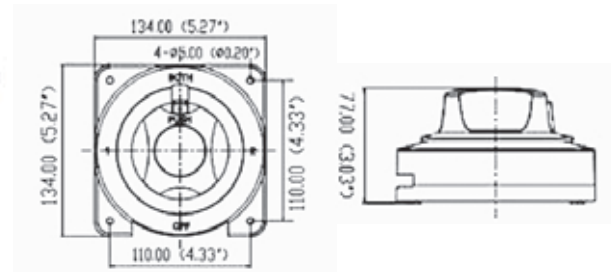


**BATTERY SELECTOR SWITCH 1-2-BOTH**

For systems 6, 12, 24, 32V. 3 switch-position. Bakelite housing with brass terminals.

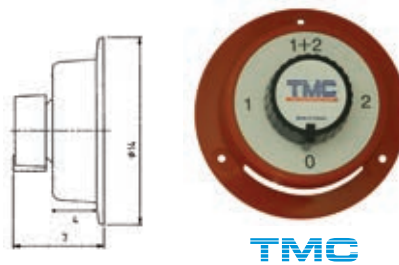


Code	Dimensions Ø/cm	Continuous Amps	Momentary Amps
1350	134 mm x 134 mm x H 77 mm	175A	300A



**BATTERY SELECTOR SWITCH WITH KEY**

Code	Dimensions Ø / cm	Continuous Amps	Volt	Momentary Amps
1347	13 x H 6,5	250	6-32	360



**BATTERY SELECTOR SWITCH**

For 6, 12, 24, 36 V systems. ABS housing with brass terminals.

Code	Dimensions Ø/cm	Continuous Amps	Momentary Amps
1349	14	175A	300



**BATTERY SWITCH DUAL CIRCUIT**

Make-before-break contact design allows switching between battery banks without power interruption. Ignition protected—safe for installation aboard gasoline powered boats. Case design allows surface or rear panel mounting. It can be combined with the SOLENOID with code 1688.

Code	Dimensions Ø / cm	Volt	Continuous Amps	Momentary Amps
1689	9,5 x 9,5	12-24	350	525



**Code 1688**

**SOLENOID 120A.**

A complete two battery bank management solution. Dual Circuit Plus™ Battery Switch isolates engine and house circuits, and combines battery banks for emergency starting for code 1689

## BATTERY SWITCHES



**HEAVY DUTY BATTERY SWITCH**  
FLUSH MOUNTING

Code	Continuous Amps	Momentary Amps
<b>3935</b>	120	1500



**MINI BATTERY SWITCH**  
With removable key.

Code	Continuous Amps	Momentary Amps
<b>3937</b>	250	350



**Code 1348**  
**BATTERY SWITCH**  
Current supply interrupted when key removed Max load: 1000 A at 12V for 10" - 500 A at 24V for 10".



**HEAVY DUTY MARINE BATTERY SWITCH, BUILT-IN MODEL**  
Fitted with removable nickel-plated brass key; "CE" 94/25/CE. Obligatory for mounting on a positive cable, under ISO 10133 standards.

Code	Continuous Amps	Momentary Amps	Hole Diameter mm
<b>1435</b>	280A	2500 A	80



**Code 3936**  
**HEAVY DUTY BATTERY SWITCH**  
Max load: 1000 A at 12V for 10". Continuous 300 AMPS.

## BATTERY CHARGERS / INVERTERS / CONVERTERS



**NEW**

**AUTOMATIC BATTERY CHARGER OF 7 STAGES**

The 7 stages automatic chargers with microprocessor control (CPU) are fully automatic and protect batteries from being overcharged as they can remain connected to the battery indefinitely. The 7-stage charging is a very comprehensive and accurate charging process that gives the battery longer life and better performance compared to using traditional chargers. They are suitable for most battery types including Calcium, Gel and AGM batteries. They may also help restore drained and sulphated batteries. It provides polarity and output short protection, over voltage and over temperature protection.

Code	Input Voltage V	Output Voltage/ Current V/A	Watt	Dimensions		
				Length mm	Width mm	Height mm
<b>3970-1</b>	220-240VAC	12VDC / 5000mA	154W	195	115	62
<b>3970-2</b>	220-240VAC	12VDC / 7000mA	215W	195	115	62

**BATTERY CHARGER - POWER S UPPLIER**

Three stage battery charging, multiple outputs for charging more than one group of batteries. Different type of charge (electrolite & gel battery). PCT resistances as short circuit protection and automatic cooling fan control.

Code	Supply	Power/ Consumption	Frequency	Dimensions mm	Weight
<b>4461</b>	12 V	480W/40A	50-60Hz	L331 x H260 x D100	3,8 Kg
<b>4462</b>	12 V	480W/60A	50-60Hz	L331 x H260 x D100	3,8 Kg
<b>3884</b>	12 V	180W/ 15A	45-60Hz	L110 x H220 x D85	1,5 Kg
<b>3887</b>	12 V	300W/ 25A	45-60Hz	L185 x H250 x D85	2 Kg



**Code 4461-2**  
**CONNECTION CABLE 6 m**  
For code 4461-1.

**Code 4461-1**  
**REMOTE CONTROL DISPLAY PANEL**  
Optional equipment for codes 4461 and 4462.

**BATTERY CHARGERS / INVERTERS / CONVERTERS**



**Code 3872  
POWER CHARGER 6V/12V 4,5A**

Made of polycarbonate. The charger reserves the batteries high level charging. Suitable for batteries 6V and 12V lead-acid. Abnormality Protection Short Circuit Battery and Defective and Reverse Connection. Available with 1pc Red/ Black clip + water resistant connector, 1pc O ring + water resistant connector, • 1pc cigar plug + water resistant connector. CE

Specifications	
<b>Supply</b>	6V/12V 4,5A
<b>Input Voltage</b>	230VAC 50Hz
<b>Battery Capacity</b>	12V Lead-Acid: 1.2AH – 120AH 6V Lead-Acid: 1.2AH – 14AH
<b>Charging Mode</b>	6 Steps With Fully Automatic Switch Mode



**VOLTAGE CONVERTER FROM 24V TO 12V**

The voltage converter is used to convert 24VDC to 12VDC. It is suitable for boats, lorries and wherever the primary supply unit is 24V. It provides output polarity reverse circuit protection , output short and overheating circuit protection as well as overload circuit protection.

Code	Input Voltage Volt	Output Voltage/ Volt	Output Power Continuous Amp	Output Power Max Amp	Input Fuse Amp	Dimensions		
						Length mm	Width mm	Height mm
3971-1	20-30V	12-13.8V	20A	30A	20A	182	115	62
3971-2	20-30V	12-13.8V	50A	70A	2 X 30A	275	165	79



**BATTERY ISOLATOR**  
Offers an enhanced efficiency of the battery charge from the alternator thanks to a very low voltage drop.



**INVERTERS**

Code	Number of Exits	Number of Alternators	Exit Current A
3145	2	1	120A
3145-1	2	1	60A
3145-2	2	1	180A
3145-3	3	2	120A

Code	Volt	Watt	Dimensions cm A x B x C	Weight kg	With Remote Control
3784-1	12V	1500W	41,5 x 19,1 x 8,8	4,8	
3784-2	24V	1500W	41,5 x 19,1 x 8,8	4,8	
3784-3	12V	2000W	42 x 20,8 x 16	9	

**INVERTERS**

For use in car, boats, trucks, trailers and mobile homes. Take the power inverter to portable and get power to run lamps, radios or TVs. Ultra-Compact Metal Housing: Small and rugged: stored easily. Integrated fuse for protection from overload. The inverter can automatically detect low battery voltage and shut down to preserve the battery. Overload protection: Automatic shutdown and alarm. Input power: 12V DC - Output power 230V AC /



Code	dimensions cm	Volt	Watt	Kg
3780-1,5	15 x 10,8 x 5,1	12 V	300 W with USB port	0,75
3780-2	17 x 12,5 x 5,2	12 V	400 W	0,87
3780-4	15,5 x 16,4 x 6,2	12 V	600 W	1,5
3780-5	26 X 16,4 X 6,2	12 V	800 W	2,3
3780-6	26 x 19,8 x 7	12 V	1000 W - 2 outputs 220Volt	2,9
3780-7	26 x 19,8 x 7	12 V	1200 W - 2 outputs 220Volt	3,2
3780-8	32 x 19,8 x 7	12 V	1500 W- 2 outputs 220Volt	4,3
3780-9	43 x 19,8 x 7	12 V	2000 W	5,2



## MARINE BATTERIES / BATTERY HOLDERS / CONNECTORS



NEW

**MARINE BATTERIS SEALED TYPE 12V**

Marine batteries sealed type with 1 year guarantee.

Code	Volt	Capacity (AH)	CCA (AH ignition)	Dimensions L x W x H (mm)	Positive Terminal
830 - 45	12 V	45	420	207 x 175 x 175	RIGHT+LEFT
830-55		55	540	242 x 175 x 175	RIGHT+LEFT
830-75		75	680	277 x 175 x 175	RIGHT
830-100		100	820	354 x 174 x 175	RIGHT
830-125		125	1000	340 x 172 x 260	RIGHT+LEFT
830-140		140	900	510 x 182 x 233	LEFT



NEW

**MARINE BATTERY AGM TECHNOLOGY**

Marine battery of AGM technology with high cycling durability and extra long service life. 1 year guarantee.

Κωδικός	Volt	Capacity (AH)	CCA (AH ignition)	Dimensions L x W x H (mm)
826-60	12 V	60	560	242-175-190
826-70		70	760	278-175-190
826-90		90	850	353-175-190
826-150		150	950	513-189-223
826-180		180	1200	518-276-242
826-210		210	1400	518-276-242

**BATTERY BOX**

Code	Dimensions mm
898	L 394 x W 185 x H 193

**BATTERY HOLDERS TRAY**

Code	Dimensions mm
929 - 12	L 280 x W 177
929 - 13	L 330 x W 177

**BATTERY HOLDERS TRAYS**  
With strap.

Code	Dimensions mm
4230 - 1	L 280 x W 177
4230 - 2	L 330 x W 177

ELECTRICAL EQUIPMENT



EVAL

**BATTERY CASE EVAL**

Protection battery case made of polypropylene, of high standards. Offering 5 cable outputs, with vent holes, that provide airflow within the case, but keeping water away from the battery at the same time. Internally you may find four very handy cases, in order to store some tools, cords, fuses or other small objects. Finally the belt with the clip, will assist you in stabilizing the case to its proper position, while it will secure at the same time the case itself so that it will not accidentally open.

Code	External Dimension cm	Internal Dimensions cm
3162	W 23,5 x L 30 x H 25,5	W 18 x L 28,5

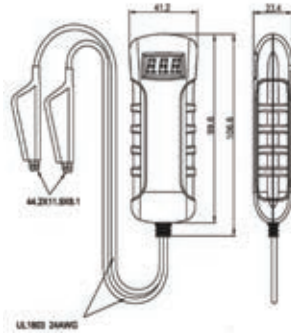


NEW

**Code 925****BATTERY TIE DOWN****STAINLESS STEEL**

Battery tie down stainless steel. Universal size suitable for all battery sizes.

**MARINE BATTERIES / BATTERY HOLDERS / CONNECTORS**



**Code 1342**  
**ANGLED BATTERY CONNECTORS (pair)**  
Tinplated brass.



**Code 2689**  
**BATTERY CONNECTORS (pair)** Made of tin lead with bolts.

**Battery Test, 5-30VDC**  
Made of ABS with alligator clip

Code	Volt	Dimensions mm	Battery Charge / Volt
1356	12V	H 99,6 x W 41,2 x Βάθος 23,4	Low / 5V-11,7V
			Med/ 11,8V-12,4V
			High/ 12,5V-15,9V



**Code 847**  
**BIG BATTERY CLIPS FOR HIGH AMPERAGE**  
Made of nickel-plated brass with stainless steel nuts and bolts. + and - fastening bolts to avoid confusing the cables.



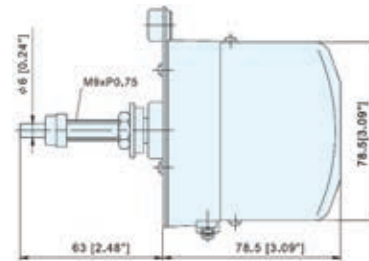
**Code 1343**  
**QUICK RELEASE BATTERY CONNECTORS (pair)**  
Tinplated brass and plastic.



**Code 1340**  
**QUICK RELEASE BATTERY CONNECTORS (pair)**

**WIPER MOTORS / WIPER ARMS**

ELECTRICAL EQUIPMENT



**MARINE WIPER MOTOR**

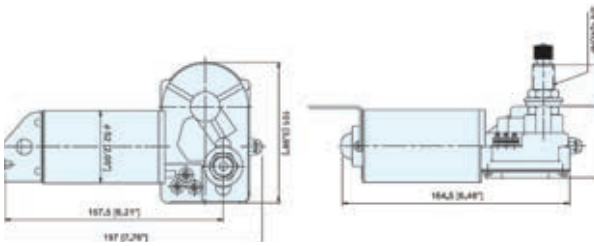
Code	Supply		Fuse	Sweep Angles of	Dimensions cm	Shaft Length mm
	Amps	Volt				
1422	1A	12V	1,5A	90°/ 110°	L14,2X W7,8x H5,7	62



**MARINE WIPER MOTOR**

Code	Supply		Fuse	Sweep Angles of	Dimensions cm	Shaft Length mm
	Amps	Volt				
1436	1A	12V	1,5A	90°/ 110°	L17,2X W7,8x H5,7	82

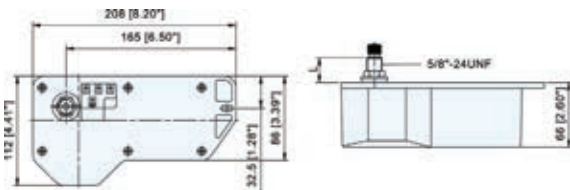
## WIPER MOTORS / WIPER ARMS

**HEAVY DUTY MARINE WIPER MOTOR**

Heavy duty marine wiper motor with 50,8 mm shaft, 2 speeds with self-parking.



Code	Supply			Fuse	Interchangeable Sweep Angles of	Dimens.cm	Shaft Length	Type
	High Speed	Low Speed	Volt					
1426	1.5A	1 A	12V	3A	83°/ 100°/ 110° and 120°	L19,7 x W10,1 x H5,14	Long 50,8 mm	Heavy Duty
1694-2	1.5A	1 A	12V	3A	83°/ 100°/ 110° and 120°	L19,7 x W10,1 x H5,14		Heavy Duty with plastic waterproof cover

**WINDSCREEN WIPER MOTOR**

2 Speed, self-parking and heavy duty marine wiper motor with plastic cover. 12 V 2.0" SHAFT

Code	Supply			Fuse	Interchangeable Sweep Angles of	Dimensions cm	Shaft Length mm	Type
	High Speed	Low Speed	Volt					
1439	1.5A	1 A	12V	3A	83°/ 100°/ 110° & 120°	L20,8 x W11,2 x H6,6	Short 25,4	Heavy Duty
1694-1	1.5A	1 A	12V	3A	83°/ 100°/ 110° & 120°	L20,8 x W11,2 x H6,6		Heavy Duty with plastic waterproof cover

**WIPER ARM**

For code 1422, 1436, 1439-1, 1439-2.

Code	Length cm
1438-11	15,5 up to 25,5
1438-14	19,5 up to 33

**HEAVY-DUTY ADJUSTABLE WIPER ARM SINGLE**

Single adjustable wiper arm. For code 1426, 1439, 1437, 1437-1.

Code	Length cm
1612-14	23 up to 31
1612-15	28 up to 38

**HEAVY-DUTY ADJUSTABLE WIPER ARMS PARALLEL**

Parallel adjustable wiper arms stainless steel. For code 1437, 1437-1, 1426, 1439.

Code	Length cm
1426-1	28,5 up to 38
1426-2	34,5 up to 44
1426-3	41,5 up to 49,5

**WIPER BLADE**

For codes 1438-11, 1438-14.

Code	Dimen. mm
1439-1	33
1439-2	28

**RUBBER FOR WINDSCREEN WIPER**

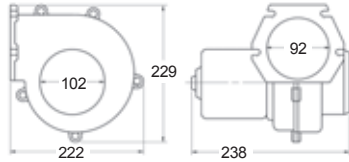
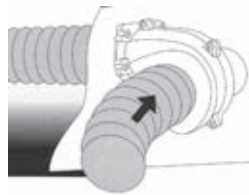
For codes 1426-1, 1426-2, 1426-3, 1612-14, 1612-15.

Code	Dimen. mm
1437	L 356
1437-1	L 280

**Code 1427 BRACKET FOR PARALLEL WIPER ARMS**

For codes 1426, 1426-1, 1426-2, 1426-3, 1439.

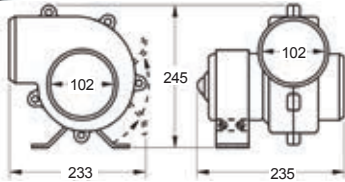
**BLOWERS**



**HEAVY DUTY FLEXMOUNT BLOWER**

Heavy duty blower, made of reinforced thermoset plastic and corrosion-resistant materials. It is designed to remove fumes from the engine compartments prior to boat start up and suitable for applications such as commercial or high use engine room ventilation and extraction. It is of a radial design that offers the highest output in more complex installations with longer ducting lengths and/or multiple bends in the ducting. It is generally mounted directly onto a flat bulk-head using a mounting collar to connect to the discharge ducting. ISO 8846 for Ignition Protection, N.M.M.A. Type Accepted complies with ISO 9097 Marine, CE Conforms with EN 5008-1 Meets USCG Electrical Regulations Tough

Code	Air Flow	Volt	Amp	Connection Ø mm	Weight
948	7.1 m³/min	12V	15	100	2,7 Kg



**HEAVY DUTY FLEXMOUNT BLOWER**

Heavy duty blower, made of reinforced thermoset plastic and corrosion-resistant materials. It is designed to remove fumes from the engine compartments prior to boat start up and suitable for applications such as commercial or high use engine room ventilation and extraction. It is of a radial design that offers the highest output in more complex installations with longer ducting lengths and/or multiple bends in the ducting. It is installed by attaching a mounting collar around the motor (which is supplied with the blower) to any convenient solid surface. With flex mounting for 360° adjustable outlet. ISO 8846 for Ignition Protection, N.M.M.A. Type Accepted complies with ISO 9097 Marine, CE Conforms with EN 5008-1 Meets USCG Electrical Regulations Tough

Code	Air Flow	Volt	Amp	Connection Ø mm	Weight
950	7.1 m³/min	12V	15	100	3,2 Kg

**IN-LINE BLOWER**



Code	Air Flow l/min	Motor	AMP	Intake pipe mm	Dimensions mm
1434	3965	12V	2,7A	76,2 mm	L 127 x W125 x H85

**ELECTRIC TURBO BILGE BLOWER**



Code	Air Flow l/min	Intake Pipe mm	Volt	Amp	Color	Dimensions mm
4412 - 1	3400	76	12	4 A	WHITE	L 128 x W 114 X H 92
4412 - 2	5665	102	12	5 A	WHITE	L 128 x W 140 X H 115



**NEW**

**STEEL WIRE PVC HOSE**

Steel wire PVC hoses suitable for blowers, air, gas, fumes, steam suction. Ship and domestic conditioning. The special manufacturing allows the hose to be used in all air suction installation and ventilation. Fire resistance class CSTB : M1 and DIN 4102. Temperature range -25°C +125°C. Tube made of fiberglass fabric coated with grey PVC. Reinforcement : steel wire helix. Compressing 8:1

Code	Diameter mm	Diameter inch
1968-76	76	3"
1968-100	100	4"



**BILGE BLOWER**  
With bracket

Code	Air Flow l/min	Motor	AMP	Intake pipe mm	Dimensions mm
1444	254	12V	3A	76	L188 x W143 x H160

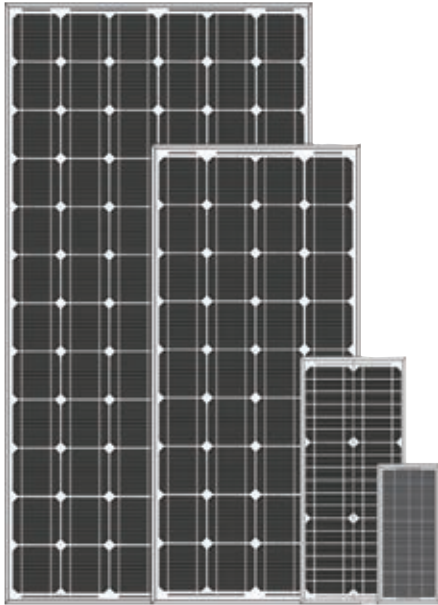


**BILGE BLOWER**

Code	Air Flow l/min	Motor	AMP	Intake pipe mm	Dimensions mm
1445	254	12V	3A	76	L188 x W143 x H160



## SOLAR PANELS &amp; INVERTERS

**SOLAR PANELS**

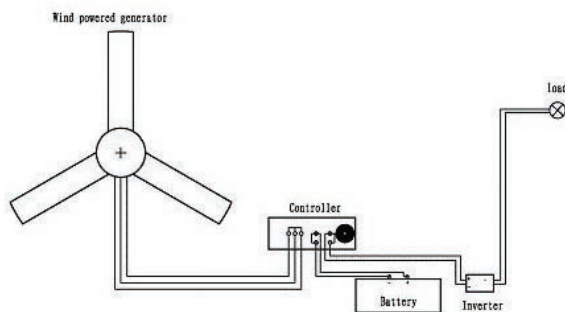
High efficiency and long service life monocrystalline solar cells with special aluminium frame, designed for marine environment. Characterised by high transmission and advanced cell encapsulation. The charge regulator is not included

Code	Peak Power Watt	Voltage Vm Volt	Current Im Amper	Dimensions mm	Weight kg
4403-30	30	17,56	1,71	520 x 510 x 28	3,7
4403-50	50	17,74	2,84	750x 510 x 35	4,9
4403-70	70	17,2	4,1	780 x 680 x 35	6,3
4403-100	100	17,79	5,63	1100 x 680 x 35	8,7

**Code 4716****WIND TURBINE 300 W**

Renewable Energy System. Generates electricity with respect to the environment and without cost. It can provide electrical current for any kind of appliance in the boat. Specifically designed for use in marine environment with special waterproofing and corrosion resistance. Suitable controller is included. Can be combined with appropriate tower for support (code 04716-1) and inverters depending on use. Batteries are not included.

Rated output (W)	300
Rated voltage (V)	12/24
Initial wind speed (m/s)	3
Rated wind speed (m/s)	9
Security wind speed (m/s)	40
Blades quantity	3
Blades material	Engineered Plastics
Fan diameter (m)	1,5
Rated speed (rpm)	500
Wind efficiency	0,38
Recommended batteries	2 pcs x 12V/150 AH

**Code 4716-1****WIND TURBINE TOWER**

Made of steel.  
Dimensions: Ø 4,8 cm x L 4,5 m

**Code 4403****CHARGE REGULATOR**

Nominal system voltage 12V/24V Dimensions mm L13,9 x W9 x H3,1 LED lights indicating working status. Protection system for overcharge, short circuit, reverse polarity & reverse charging (during night time) of batteries. Electro-management with 2 control modes : Lighting Mode (Default) automatic and Normal (on/off manual). Max. PV Charging Current 20A

**SOLAR PANELS & INVERTERS**



**GENERATORS WITH INVERTER**

Portable gasoline generators. 4-stroke with oil alert, ultra quiet, light weight and small volume, suitable for the boat or camping. They provide 12V thanks to the onboard inverter and with overload protection. Large tank capacity with CE approval.

3869-1  
3869-2  
3869-3

Code	3869-1		3869-2		3869-3	
Frequency (Hz)	50	60	50	60	50	60
Voltage (V)	230	120/240	230	120/240	230	120/240
DC Output	12V/3,5A		12V/4A		12V/8,3A	
Rated Output Power (KVA)	1		1,5		2,2	
Max Output Power (KVA)	1,2		1,8		2,5	
Phase	Single (1)		Single (1)		Single (1)	
Continuous Operating Time (Hrs)	4,3		4		4,1	
Engine Type	Air-cooled, 4-stroke, OHV		Air-cooled, 4-stroke, OHV		Air-cooled, 4-stroke, OHV	
Starting System	Hand Recoil Starter		Hand Recoil Starter		Hand Recoil Starter	
Ignition System	T.C.I.		T.C.I.		T.C.I.	
Bore x Stroke (mm)	47 x 41,5		47 x 41,5		52,4 x 57,8	
Displacement (cc)	72		72		124,6	
Noise Level (db/7m)	58		58		60	
Fuel Type	Unleaded Gasoline		Unleaded Gasoline		Unleaded Gasoline	
Fuel Tank Capacity (Lt)	3,6		3,6		5,7	
Oil Type	SAE 10W-30 Above SJ Grade		SAE 10W-30 Above SJ Grade		SAE 10W-30 Above SJ Grade	
Oil Capacity (Lt)	0,6		0,6		0,9	
Dimensions L x W x H (mm)	492 x 262 x 406		492 x 262 x 406		565 x 320 x 470	
Max Power (Kw/rpm)	2,3 / 5000		2,3 / 5000		3,4 / 5000	
Net Weight (Kg)	18,5		18,5		28	
Certification	CE		CE		CE	

**GENERATOR**

Gasoline powered generator excellent for marine, home, emergency, recreation, construction and general use. Parsun's outstanding four stroke overhead valve (OHV) engines and superior generator technology provide long lasting, dependable, quiet, ultra low emission power. This model is quiet, extremely lightweight, compact economical and reliable, with many standard features. It meets or exceeds all EPA (Environmental Protection Agency) and CE standards.

Code	3807
Frequency (Hz)	50
Voltage (Rated AC) (V)	230
DC Output	12 V
Max Output Power (KVA)	0,8
Rated Output Power (KVA)	0,9
Phase	Single
Starting System	Manual/Electric Starter
Fuel Type	Unleaded Gasoline
Engine Type	4-stroke, air-cooled, OHV
Fuel Tank Capacity (Lt)	3,8
Dimensions LxWxH (mm)	440x335x400
Rated Power (Hp/rpm)	1,8 HP/3600 rpm
Net Weight (Kgr)	23
Certification	CE



## SOLAR PANELS &amp; INVERTERS

**GENERATOR**

Gasoline powered generator excellent for marine, home, emergency, recreation, construction and general use. Parsun's outstanding four stroke overhead valve (OHV) engines and superior generator technology provide long lasting, dependable, quiet, ultra low emission power. This model is quiet, extremely lightweight, compact economical and reliable, with many standard features. It meets or exceeds all EPA (Environmental Protection Agency) and CE standards.

<b>Code</b>	<b>3806</b>
<b>Frequency (Hz)</b>	50
<b>Voltage (Rated AC) (V)</b>	230
<b>DC Output</b>	12 V
<b>Max Output Power (KVA)</b>	0,8
<b>Rated Output Power (KVA)</b>	0,9
<b>Phase</b>	Single
<b>Starting System</b>	Hand Recoil Starter
<b>Fuel Type</b>	Unleaded Gasoline
<b>Engine Type</b>	4-stroke, air-cooled, OHV
<b>Fuel Tank Capacity (Lt)</b>	3,8
<b>Dimensions LxWxH (mm)</b>	440x335x400
<b>Rated Power (Hp/rpm)</b>	1,8 HP/3600 rpm
<b>Net Weight (Kgr)</b>	23
<b>Certification</b>	CE

**GENERATOR PS4800**

Generator unique for its magnetic characteristics, with higher efficiency than the other ordinary generators. It has pure sine waves in its output, voltage and current, similar or superior to the AC electric current in your home. It is ideal for highly sensitive equipment such as communications equipment, digital controlled equipment, computers, computer printers and other sensitive electronic equipment. Light in weight, small in size and quiet operating. It also functions well in extreme environments and operates when overloaded, particularly during initial start-ups.

<b>Code</b>	<b>3808</b>
<b>Frequency (Hz)</b>	50
<b>Voltage (Rated AC) (V)</b>	230
<b>DC Output</b>	12 V
<b>Max Output Power (KVA)</b>	3
<b>Rated Output Power (KVA)</b>	3,3
<b>Phase</b>	Single
<b>Starting System</b>	Hand Recoil Starter
<b>Fuel Type</b>	Unleaded Gasoline
<b>Engine Type</b>	4-stroke, air-cooled, OHV
<b>Fuel Tank Capacity (Lt)</b>	25
<b>Dimensions LxWxH (mm)</b>	685x545x550
<b>Rated Power (Hp/rpm)</b>	9 HP/4000 rpm
<b>Net Weight (Kgr)</b>	77,5
<b>Certification</b>	CE

# HYDRAULIC EQUIPMENT

- Taps
- Sinks
- Basins
- Manual Pumps
- Shower Mixers & Hoses
- Chemical & Marine Toilets
- Hoses
- Bilge Pumps
- Tank Floaters
- Pressure & Diaphragm Pumps

326-352







**BILGE PUMPS EVAL 500-700**

The bilge pumps EVAL are constructed of shock resistant, high quality A.B.S. plastic, they are extremely durable, suitable for extended use and designed for easy installation. The main body can be removed in order to be cleaned, allowing full access to the strainer. They are submersible, 12 V, and available in two models, the bilge pump 500GPH, supplying 31 lt/min, and the bilge pump 700GPH, supplying 44 lt/min.

Code	Output lt/min	Supply	Dimensions mm	Connection Ø / mm
<b>3933 - 5 (500)</b>	31	12V	H 97 x L 66	19
<b>3933 - 7 (700)</b>	44	12V	H 97 x L 66	19



**RULE BILGE PUMP 360**

Code	Output lt/min	Supply	Connect. Ø / mm
<b>2632 - 36</b>	23	12V	19



**RULE BILGE PUMP 500**

Code	Output lt/min	Supply	Connect. Ø / mm
<b>2632 - 50</b>	31	12V	19
<b>2642 - 50</b>	31	24V	19



**RULE BILGE PUMP 1000**

Code	Output lt/min	Supply	Connect. Ø / mm
<b>2632 - 11</b>	69	12V	28



**RULE BILGE PUMP 1500**

Code	Output lt/min	Supply	Connect. Ø / mm
<b>2633 - 12</b>	95	12V	28
<b>2633 - 24</b>	95	24V	28



**RULE BILGE PUMP 2000**

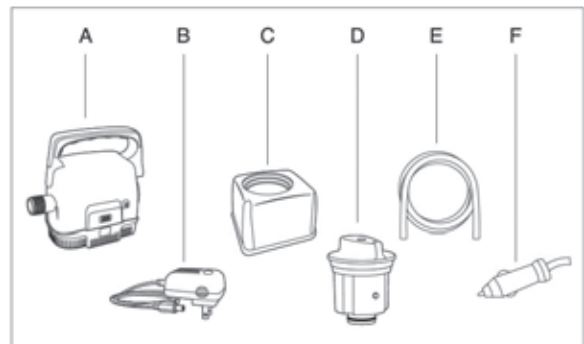
Code	Output lt/min	Supply	Connect. Ø / mm
<b>2634 - 12</b>	126	12V	28
<b>2634-24</b>	126	24V	28



**PORTABLE WATER PUMP RECHARGEABLE**

The rechargeable utility pump is useful in numerous applications and combines convenient features in a sleek, new, industrial design. The fully submersible pump has easy operation and is battery operated so it can be taken anywhere. The included charging station allows for easy recharging of the battery to ensure the pump is never inactive due to not having batteries on hand. It pumps fresh and salt water, providing dual use with a single product. The powerful AquaCharge pumps up to 756 lt of water on a single charge and up to 189 lt in less than 10 minutes. It uses industry standard NiMH battery and removable filter, allowing quick and efficient cleaning. The pump kit includes additionally : 8' hose, charging base, 220V power adaptor, 12V vehicle power adaptor.

**Kit Includes**



- A. Pump
- B. Charger Power Adaptor
- C. Battery Charger Base
- D. Battery Cartridge
- E. 8' Garden Hose
- F. Vehicle Power Adaptor



Code	Lt per charge	Output Lt /min	Dimensions L x W x H mm	Volt	Weight Kg	Charge time	Power
<b>3714</b>	756 lt	20	321 x 159 x 531	9,6	1,6	12 hours	Rechargeable NiMH BatteryH

**RULE COMPUTER-CONTROLLED AUTOMATIC BILGE PUMPS**

These submersibles pumps operate automatically with no need for an external switch ,turning on every 2.5 minutes for approximately 1sec. If the bilge contains water, the pumps will sense resistance and will continue to run no water is present.The computer will then reset itself and the cycle will start again.



**HYPER-AUTOMATIC BILGE PUMP  
RULE 500**  
Electronically controlled.

Code	Output lt/min	Supply	Connection Ø/mm
<b>3261 - 50</b>	31	12V	19



**HYPER-AUTOMATIC BILGE  
PUMP RULE 1100**  
Electronically controlled.

Code	Output lt/min	Supply	Connection Ø/mm
<b>3261 - 11</b>	69	12V	29

**AUTO BILGE PUMPS**

The SEAFLO submersible auto bilge pumps are equipped with built-in electronic controlled read sensor system to make fully automatic operation easy. No separate float switch is needed, the relay loop design protects the pump against instant high current. The Auto Bilge Pump is built with compact, rust and corrosion protected stainless steel shaft, high-impact durable and thermoplastic ABS plastic housing. It has small size, high efficiency and low current in order to achieve a small size perfect combination of high flow. The bilge is totally submersible and ignition protected with anti airlock design and moisture tight seals. It is equipped with snap-lock strainer base for easy installation and removal combined with silent vibration free running.

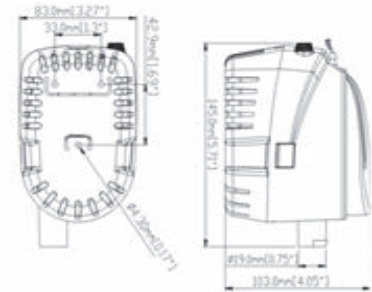


3609-60  
3609-75



3609-110

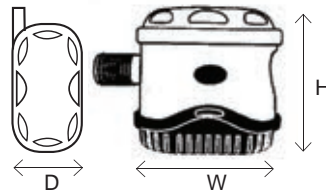
Code	Volt	Amps	Delivery head meters	Delivery Volume	Outlet Ømm
<b>3609-60</b>	12V	2.5A	3m	600GPH / 37,3 lt/min	19 mm
<b>3609-24</b>	24V	1.5A	2,5m	600GPH / 37,3 lt/min	19 mm
<b>3609-75</b>	12V	3 A	4m	750GPH / 46,6 lt/min	19 mm
<b>3609-24</b>	12V/24V	3 A	4m	1100GPH / 68,3 lt/min	29 mm



HYDRAULIC EQUIPMENT

**RULE-MATE AUTOMATIC BILGE PUMPS**

These pumps have integral float switch. As the water in the bilge rises, the pump is activated and will continue to run until the float drops and no water is present.

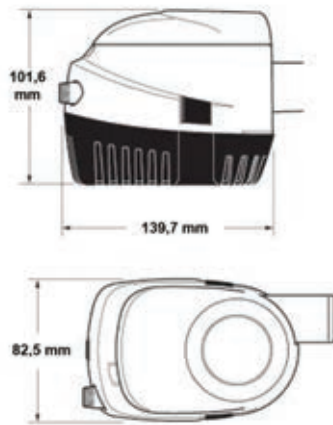


**RULE-MATE AUTOMATIC BILGE PUMP 500**

Code	Output lt/min	Supply	Conn. Ø/mm	Dimensions H x W x D mm
<b>2304 - 50</b>	31	12V	19	114,3 x152,4 x 82,5

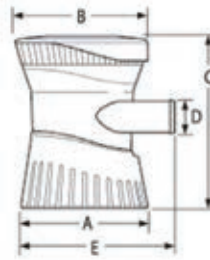
**RULE-MATE AUTOMATIC BILGE PUMP 750**

Code	Output lt/min	Supply	Conn. Ø/mm	Dimensions H x W x D mm
<b>2304 - 75</b>	47	12V	19	114,3 x152,4 x 82,5



**BILGE PUMPS ATTWOOD  
AUTOMATIC - "SAHARA"**  
With integral float switch.

Code	Output lt/min	Supply	Connection Ø/mm
1397 - 50	31	12V	19
1397 - 75	47	12V	19
1397 - 110	69	12V	28,5



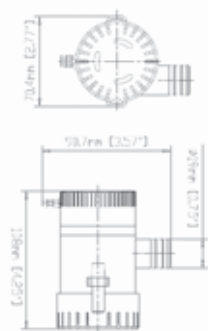
**TSUNAMI PUMPS**

For high efficiency & long lifetime. Tsunami Pumps are durable and designed to last too. Their efficient design circulates water around the pump motor housing, helping to absorb the heat given off by the operating motor. Rugged glass and mineral filled polymer body withstands hull pounding, bugle environments and deteriorating effects of plasticizers in hoses. Free flowing water around motor housing keeps motor cooled and extends life. Newly designed double filter base resists clogging. 3 years warranty.

Code	Output lt/min	Connect. Ø/mm	Supply	Dimensions mm				
				A	B	C	D	E
3835-5	31	19	12 Volt	69,8	73	92	19	79,3
3835-8	50	19	12 Volt	79,3	82,5	111	19	88,9
3835-12	75	28,5	12 Volt	79,3	82,5	111	28,5	95,2

**PUMPS ECONOMY SERIES**

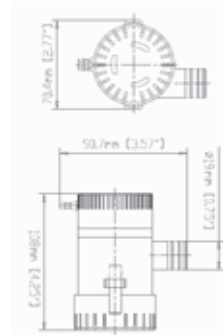
These pumps are included in economy series but they have high potential as tested in harsh conditions by professionals.



**WWB BILGE PUMP 350**

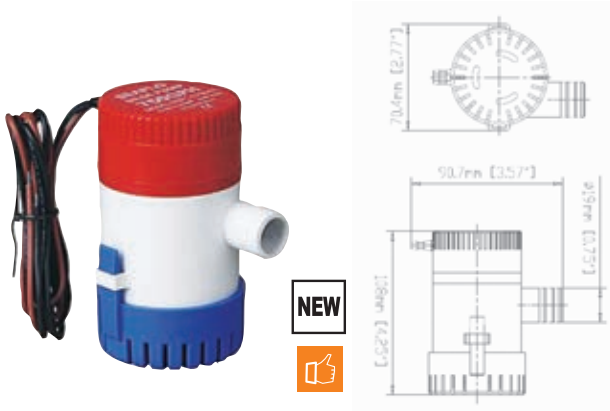
**NEW**

Code	Output lt/min	Supply	Connection Ø mm
3823-12	22	12V 1,8A	19



**WWB BILGE PUMP 500**

Code	Output lt/min	Supply	Connection Ø/mm
3955 - 12	31	12V	19
3955 - 24	31	24V	19



**NEW**

**WWB BILGE PUMP 750**

Code	Output lt/min	Supply	Connection Ø mm
3824-12	47,3	12V 2,5A	19



**WWB BILGE PUMP 1100**

Code	Output lt/min	Supply	Connection Ø/mm
3956 - 12	69	12V	29
3956 - 24	69	24V	29



**WWB BILGE PUMP 1500**

Code	Output lt/min	Supply	Connection Ø/mm
3957- 12	95	12V	29
3957 - 24	95	24V	29



**WWB BILGE PUMP 2000**

Code	Output lt/min	Supply	Connection Ø/mm
3958- 12	126	12V	29
3958 - 24	126	24V	29

HYDRAULIC EQUIPMENT



**Code 4312**  
**ALL-IN-ONE BILGE PUMP**  
 With internal float switch

Code	Output lt/min	Volt	Connection Ø/mm
4312	44	12	19



**NEW**



**BILGE PUMP OF WIND & MOVEMENT**

Patented bilge pump that works off wind, tide and movement and requires no electric power or maintenance. The plastic construction will last for years. The standard pump comes complete with 3m of hose c/w weight/attachment/filter to secure the suction pipe to the bilge. Extension tubes are available and are simple to fit. 2 years warranty.

Code	Lift-up capacity	Maximum suction
4615	2 m	7m



TMC pumps are recognized worldwide because of their high quality construction. A wide range of pumps



**COMPUTER-CONTROLLED  
AUTOMATIC BILGE PUMP 600**

This submersible pump operates automatically with no need for any external switch, turning on every 15 minutes. If the bilge contains water, the pumps will sense resistance and will continue to run no water is present. The computer will then reset itself and the cycle will start again.

Code	Output lt/min	Supply	Amps	Connection Ø/mm
1399	37	12V	4 A	28,5



**BILGE PUMP 400**

Code	Output lt/min	Supply	Connection Ø/mm
1398	25	12V	19,5



**BILGE PUMP 600**

Code	Output lt/min	Supply	Connection Ø/mm
1402	37	12V	19



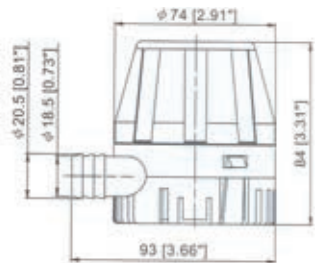
**BILGE PUMPS 1400**

Code	Output lt/min	Supply	Connection Ø/mm
1394 - 12	88	12V	29,5
1394 - 24	88	24V	29,5



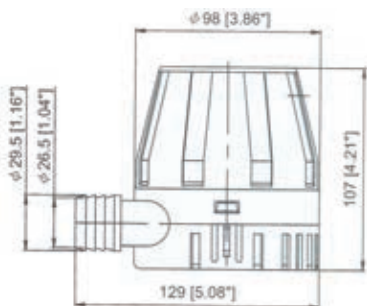
**BILGE PUMPS 1750**

Code	Output lt/min	Supply	Connection Ø/mm
1396 - 12	110	12V	29,5
1396 - 24	110	24V	29,5



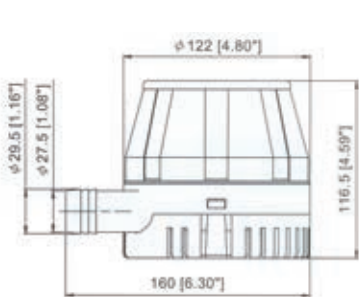
**BILGE PUMP 12V 450 GPH**

Code	Volt	Amps	Delivery Head	Delivery volume	Outlet Ø / mm
1411-12	12	1,5	2 m	450 GPH 28 lt/min	19



**BILGE PUMP 12V 900 GPH**

Code	Volt	Amps	Delivery Head	Delivery volume	Outlet Ø / mm
1415-12	12	3,5	3,5 m	900 GPH 56 lt/min	29,5



**BILGE PUMP 12V 1250 GPH**

Code	Volt	Amps	Delivery Head	Delivery volume	Outlet Ø / mm
1414-12	12	5	3,5 m	1250 GPH 79 lt/min	29,5

**TMC FULLY AUTOMATIC BILGE PUMPS**

Submersible Bilge Pumps equipped with built-in electronic sensor system to make fully automatic operation easy. No separated float switch is needed and relay loop design protect the pump against instant high current.



**TMC**

**FULLY AUTOMATIC BILGE PUMP 500 GPH**

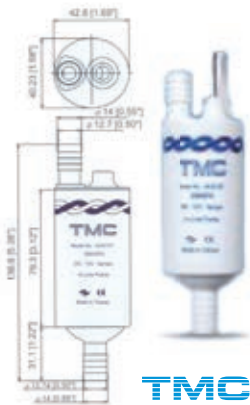
Code	Output lt/min	Supply	Connection Ø/mm
4541 - 12	31	12V	19
4541 - 24	31	24V	19



**TMC**

**FULLY AUTOMATIC BILGE PUMP 1000 GPH**

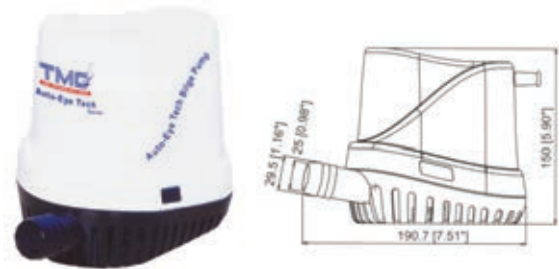
Code	Output lt/min	Supply	Connection Ø/mm
4542 - 12	62	12V	29
4542 - 24	62	24V	29



**WATER PUMP**

Code	3910
Output lt/min	17,6
Supply Amp	12V/3A
Connection Ø/mm	12,7
Dimensions mm	L42,8 x W40,2 x H136,6
Weight Kgs	11,9

**TMC**



**TMC**

**FULLY AUTOMATIC BILGE PUMP 1500 GPH**

Code	Output lt/min	Supply	Connection Ø/mm
4543 - 12	93	12V	29
4543 - 24	93	24V	29

HYDRAULIC EQUIPMENT



**SINKABLE WATER PUMP (for tank) 2A**

Code	Output lt/min	Supply	Amps	Connection Ø/mm
1403	6,3	12V	2A	11

**TMC**



**SINKABLE WATER PUMP (for tank)**

Code	Output lt/min	Supply
3719	11	12V

**SAFETY PROTECTOR PANEL**

Safety Protector Panel 12V. It features 3-way rocker switch,(Manual-Off-Automatic) to control and protect any pump with an automatic float switch. Equipped with a built-in solid state relay that takes current up to 40 amps and prevents impact from intermittent high current. Interchangeable fuses for options and easy replacement. Its use is necessary with pumps and float switch higher than 10 amps. Panel and fuse case with 5 fuses (5, 10, 20, 25,30A one piece each fuse)



Code	Volt	Dimensions mm
3946	12V	L 116 x H 87



**WATERPROOF PUMP SWITCH**  
Pump switch with led bulb. Three way.

Code	Type	Dimensions mm
1373	Auto / Off / Manual	89 x 51

**3-WAY LIGHTED ROCKER PANEL SWITCH**

Controls any pump equipped with an automatic float switch. This unit features a black plastic panel. It has a built-in fuse holder and an internally lighted rocker switch with 3 positions (automatic, off, or manual) with the Rule "fail-safe" spring return to "off" from the "manual" position.

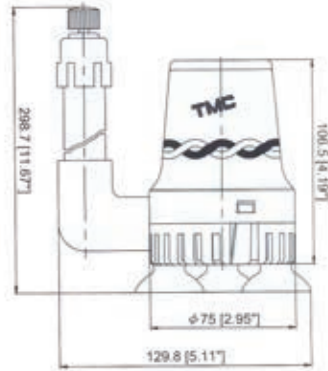


Code	Type	Volt	Amp	Dimensions mm
1382	Auto / Off / Manual	12	20	H 6 x W 7,3



**BILGE WATER PUMP SWITCH**  
Three way: Auto - off - Manual. With led indication of operation status.

Code	Dimensions mm
1357	L 89 x W 50



**MULTI-PURPOSE AERATOR PUMP KIT-12V**

The aerator pump can be used on any cooler, bait bucket or live well with a clean non-porous surface. 2 A, for salt and fresh water, new adjustable volume, battery clips, easily mounts with suction cups, no drilling no screws completely portable Suitable for small room, 15,8 lt/min.

Code	Volt	Amp	Flow lt/min
2420	12V	2A	15,8



**Code 1416**  
**MULTIPURPOSE AERATOR PUMP KIT - 12V**  
Can be used in any cooler and bait bucket. Includes 1,5 m pipe. 28,4 lt/min.

**TSUNAMI DUAL OUTLET AERATOR PUMP**

The advantage of the dual outlet is that it can feed multiple applications through a single thru-hull fitting. The Tsunami second outlet is integrated into the pressure chamber, so it looks – and pumps – like part of the aerator. Both of the pump's outlets are engineered for the precise position and angle that will deliver optimum performance. The new dual outlet Tsunami Aerator is actually a multifunction pump. It allows separate outlets for two livewells and allows to run a livewell and a separate low-pressure wash down outlet With 3-year warranty.

Code	Output lt/min	Connect. Ø/mm	Supply	Dimensions mm							
				A	B	C	D	E	F	G	H
3747-8	50,5	19	12 Volt	82,5	76	104,7	108	101,6	19	19	19



Rinse hose & livewell



High pressure washdown & livewell



Supply two livewells



**Code 1417**  
**WATERTIGHT AIR PUMP (3V)**  
Powered on two alkaline "D" batteries. Waterproof switch and Stainless Steel adjustable attachment clip.





**Code 2303**  
**BILGE ALARM RULE 12V, 14A**  
 85db audible alarm when bilge is filled with water.



**Code 2637**  
**FLOAT SWITCH**  
 Suitable with pumps up to RULE 1100 GPH.  
 DC 12V/24V/ 32V , 14A max



**Code 3364**  
**HEAVY DUTY FLOAT SWITCH**  
 Ideal for 1500 and larger RULE pumps  
 12V, 20A

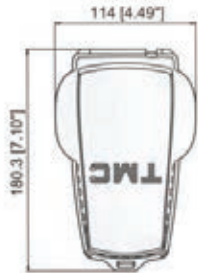


**AUTOMATIC FLOAT SWITCH**  
 Automatic float switch with slim design to fit tight areas. It is suitable for bilge pumps drawing less than 10A. It has built-in micro switch that is mercury free and can be used with 12 or 24 volt dc systems 10A.

**FLOAT SWITCH**  
 Plastic, 12V, 24V, 10A max

Code	Dimensions mm
1360	L 110 x W 65

Code	Dimensions mm
3954	L 113 x W 54 x H 30



**Code 4544**  
**FLOAT SWITCH WITH GUARD COVER**  
 The high-impact resistant guard cover protects against debris and jamming. Can be used in 12V and 24V ,10 A systems.

HYDRAULIC EQUIPMENT



**BILGE SWITCH**  
 For use up to 32VDC max and 20A. It activates bilge pump automatically and it can be used with any DC bilge pump.

Code	Dimensions mm
3953	L115 x W 45 x H35



**FLEXIBLE IMPELLER REMOVAL TOOL**  
 It is the easiest tool to remove impellers, especially when the pump is mounted in tight and cramped conditions. Stainless Steel.

Code	Dimensions cm			Weight Kg	Suitable for impellers of diameter
	W	Depth	H		
1407-1	15	2	20	0,5	Up to 65 mm
1407-2					From 65 mm to 118 mm



**FLOAT SWITCH**  
 With cable 91,5 cm. 12V, 12A

Code	Dimensions mm
3363	L 108 x W 98 x H 35



**BILGE SWITCH**  
 A simple plastic bilge switch.  
 12V/ 24V, Max load 15A.

Code	Dimensions mm	Weight
3372	L110 x W 52 x H30	0,3 Kg



**ELECTRONIC SWITCH FOR BILGE PUMP**  
 It enables the automatic operation of the pump in presence of water.

Code	Volt	Amps	Dimensions mm	Weight Kg
3386	10V to 30V	16A	70 x 78 x 35	0,250





**WATER PUMP**

Code	Flow lt/min	Supply Amp	Connection Ø / mm
1486	23	12V / 6A	20



**WATER PUMP**

Also available spare impeler code 1400-1.

Code	Flow lt/min	Supply	Amps	Lift	Connection Ø / mm
1400 - 12	25	12V	8A	4m	26,8

**WATER PUMP WITH PRESSURE SWITCH**

When water pressure is lower than 0.5 kgr/cm switch is on.  
When water pressure is higher than 1kgr/cm switch is off.

Code	Flow lt/min	Supply	Connection Ø / mm
1404 - 12	25	12V	26,8



**PUMP MARCO**

Suitable as bilge pumps, deck and anchor washing, ballast transfer.  
Available with brass shell and flexible impeller code 3729.

Code	Flow lt/min	Supply	Connection Ø / mm	Lift m
3727 - 12	35	12V	25	8



**PUMP MARCO**

Suitable for the transfer of lubricating oils or viscous liquids.  
Also can be used for extracting lubricating oil out of oil sumps of engines.  
Available with brass shell, bronze gears and two alternative connectors.

Code	Flow lt/min	Supply Amp	Connection Ø / mm	Lift m
3728	330	12 V / 7,5 A	14	1



**MARCO PUMP OIL**

Self-priming electric pump with helical bronze gears for transferring lubricating oils and viscous liquids. Complete with two connections Ø 12 mm for inner tube and one additional quick-fit connection for Ø 8mm external tubing. Nickel-plated brass body and stainless steel shaft. Particularly suitable for draining engine sumps with the special tubes kit ( CODE 4442) as photo and lubricating operations.

Code	Flow / Connection			Supply Amp	Pressure	Lift m
	Ø 6mm	Ø 8mm	Ø 12mm			
4439	18 lt / h	54 lt / h	200 lt / h	12V / 3A	22 psi	2



**Code 4442**

Tube kit of 8mm and 6 mm ext.  
Ø for oil pumps. Suitable for pump with code : 3728 and 4439



**PUMP MARCO DIESEL**

Self-priming electric pump of small dimensions with bronze gears for transferring liquids of various nature. Main applications transfer of diesel fuel and antifreeze liquid.

Code	Flow lt/min	Supply Amp	Connection Ø / mm	Pressure	Lift m
4438	10	12V / 5A	12	22 psi	2





**PRESSURE PUMP MARCO WITH ELECTRONIC CONTROL**

Mini Pressure pump with electronic control, as pressure switch. Can supply 3 taps at the same time. Universal voltage 12V and 24V( automatic change), overloaded protected.

Code	Flow lt/min	Supply Amp	Connection Ø / mm	Pressure	Lift m
4440	10	12 / 24V / 7,5A	14	22 psi	1



**PRESSURE PUMP MARCO WITH MECHANICAL CONTROL**

Compact pressure pump with mechanical control switch, as pressure switch. Can supply 3 taps at the same time. Universal voltage 12V and 24V( automatic change), overloaded protected.

Code	Flow lt/min	Supply Amp	Connection Ø / mm	Pressure	Lift m
4441	10	12 / 24V / 7,5A	14	22 psi	1



**ELECTRIC PUMP MARCO**

Self-priming electric pump with rubber impeller. Fitted with water proof cable guide and internal brush holder with EMI filter. ISO 8846 and ISO 8849. Ideal for bilge and waste water on any type of boat.

Code	Flow lt/min	Supply	Connection Ø / mm	Pressure	Lift m
3726	25	12V/8A	20 ext,	14,5 psi	1,5



**AUTOMATIC WATER SYSTEM PUMP - HEAVY DUTY MOTOR**

The conventional pressure switch controlled pump has a pulsation free three chamber diaphragm. It incorporates a heavy duty motor, giving higher flows and long life. It is inherently quiet, self priming and can run dry without damage.

Code	Flow lt/min	Supply Volt / Amp	Lift m	Pressure psi	Connection Ø mm	Dimensions mm		Weight Kg
						H	W	
3791	13,2	12 / 15 A	3	40	14 mm male / 13 mm tube	109	90	2,1



**BILGE, SHOWER AND SINK DRAIN PUMP**

Quiet running and fully corrosion resistant. Supplied with pump-guard filter.

Code	Flow lt/min	Supply Volt / Amp	Connect. Ø mm	Lift m	Dimensions mm			Weight Kg
					H	W	Depth	
3814	13	12 / 10	19	2	150	130	190	2,5



**WATER SYSTEM PUMP PAR-MAX 2,9**

The water system pump is designed for vessels requiring a quiet, smooth flow that's why it features a three chamber diaphragm. It is suitable to match the needs of a typical vessel with a shower, water heater and up to three faucets. It comes with a built-in Pulsation Eliminator to control unwanted cycling and noise. Corrosion resistant materials. No accumulator tank required

Code	Flow lt/min	Supply Volt / Amp	Lift m	Pressure psi	Connection Ø mm	Dimensions mm			Weight Kg
						H	W	Depth	
3830	11	12 / 4,4 A	3	40	13	150	130	190	1,6



**DIESEL REFUELLING PUMP Heavy Duty**

Designed for refueling large diesel powered vehicles typical tank sizes 400 - 1500 litres from drums. This pump can be used where high flow rates, heads and superior priming performance is required. Continuously rated, thermal overload protected

Code	Flow lt/min	Supply Volt / Amp	Connection Ø mm	Lift m	Dimensions mm			Weight Kg
					L	W	H	
3789	105	24 / 20A	32	3	270	145	180	9



**SHURflo**  
 ::::: PRESSURE PUMP :::::  
*AquaKing™*

**POTABLE WATER PUMP SHURFLO - STANDARD**

Suitable to be used for water pressure systems on boats, homes. Capability to lift water up to 2,4 m quietly.

Code	Flow lt/min	Supply	Amps	Pressure	Connection Ø / mm	Dimensions
<b>3792 - 12</b>	11,15	12V	5A	55 psi	13	184x127x118
<b>3792-24</b>	11,35	24V	3A	55 psi	13	184x127x118



**SHURflo**  
 ::::: PRESSURE PUMP :::::  
*AquaKing™*

**POTABLE WATER PUMP SHURFLO - JUNIOR**

Suitable to be used as automatic pump for water pressure systems on boats, homes. Capability to lift water up to 2.4 meter quietly.

Code	Flow lt/min	Supply	Amps	Pressure	Connect. Ø / mm	Dimension mm
<b>3794</b>	7,6	12V	4A	30 psi	13	184 x 127 x 118



**Code 3717**  
**PLASTIC SCREWED FILTER FOR PUMPS**  
 Female - male 1/2".

**SHURflo**  
 ::::: PRESSURE PUMP :::::

**WATER PUMP SHURFLO**

Suitable for washdown applications and for continuous duty applications such as anchor chain cleaning. It is completely encapsulated by tough waterproof coating protecting it from splashed liquids.

Code	Flow lt/min	Supply	Pressure	Amps	Connect. Ø / mm	Dimension mm
<b>3795 - 12</b>	13,2	12V	45 psi	6A	13	203 x 127 x 118
<b>3795 - 24</b>	13,3	24V	45psi	3A	13	203 x 127 x 118



**Blaster™**

**WATER PUMP**

Diaphragm heavy duty pressure pump suitable as bilge pump, deck and anchor washing, ballast transfer. Available with strong plastic for better protection.

Code	Volt	Flow lt/min	Pressure	Amp	Connection Ø / mm
<b>3812</b>	12	9,5	35 psi	7	10 / 13



**DIAPHRAGM PUMPS**

Pumps of this type have internal bypass valve which reduces the pressure and the pulsation. No accumulator is required and they can take 1-4 outlet installations. They can run dry without damage to pump. Smooth flow 4L-12LP/min.

Precautions:

- Do not operate on low voltage (11,5V for 12V systems or 22V for 24V systems)
- The installation must be dry area.



PRESSURE PUMP

**WATER PUMP**  
Mini marine pressure pump.

Code	Volt	Flow lt/min	Pressure	Amp	Connection Ø / mm
3834-12	12	4,3	35 psi	1,8	10
3834-24	24	4,3	35 psi	1,1	10



PRESSURE PUMP

**WATER PUMP**

Diaphragm pressure pump suitable as bilge pump of low pressure for low volume. With filter. Silent operation.

Code	Volt	Flow lt/min	Pressure	Amp	Connection Ø / mm
3810-12	12	10	17 psi	3	12,5
3810-24	24	10	17 psi	2	12,5



PRESSURE PUMP

**WATER PUMP**

Diaphragm pressure pump suitable as bilge pump, deck and anchor washing, ballast transfer. Available with filter and strong plastic for better protection.

Code	Volt	Flow lt/min	Pressure	Amp	Connection Ø / mm
3811-12	12	12,5	35 psi	3,9	12,5
3811-24	24	12,5	35 psi	2	12,5



PRESSURE PUMP

**WATER PUMP**

Diaphragm pressure water pump for high volume of water with filter.

Code	Volt	Flow lt/min	Pressure	Amp	Connection Ø / mm
3832-12	12	17	40 psi	6	12,5
3832-24	24	17	40 psi	3	12,5

HYDRAULIC EQUIPMENT

**Code 3822-1**  
**FILTER FOR WATER PUMP**

Suitable for Ø 13 mm. For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.

**Code 3822-2**  
**FILTER FOR WATER PUMP**

Thread 1/2". For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.

**Code 3822-3**  
**90° FITTING FOR PUMP**

Suitable for Ø 13 mm. For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.

**Code 3822-4**  
**90° FITTING FOR PUMP**

Thread 1/2". For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.

**Code 3822-5**  
**FITTING FOR PUMP**

Suitable for inlet-outlet Ø 13 mm. For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.

**Code 3822-6**  
**FITTING FOR PUMP**

Thread 1/2". For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.

**Code 3822-7**  
**CONNECTOR FOR PUMP**

Suitable for Ø 12 mm. For codes 3810, 3810-24, 3811, 3811-24, 3832, 3832-24.



3822-1



3822-2



3822-3



3822-4



3822-5



3822-6



3822-7



**SHOWER & SINK DRAIN PUMP**

Single diaphragm pump suitable for galley or shower grey waste pumping. Self-priming pump and can be run dry. No filter required. Can pump a mixture of air and water. Adjustable clamping ring allows the head assembly to be rotated 360° to accommodate plumbing position.

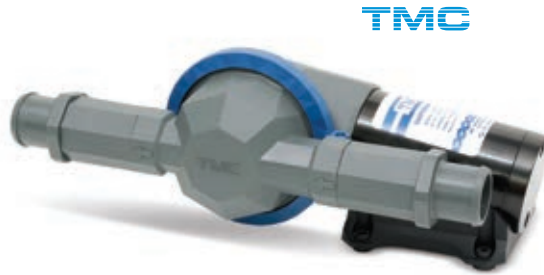
Code	Flow lt/min	Supply Amp	Connection Ø / mm	Dimensions mm	Weight Kgs
4677	22	12V / 7A	19	L336 x W168 x H144	3,2



**Code 4677-2 VALVE**  
for codes 4677 and 4678



**Code 4677-1 HOSE ADAPTOR**  
for code 4677



**TOILET WASTE PUMP**

Single diaphragm pump designed to handle unmacerated toilet waste/black water. Self-priming pump and can be run dry. No filter required. Can pump a mixture of air and water. In-lined inlet/outlet valves to allow the free flow of debris. Double outlet valves to ensure continuous flow. Adjustable clamping ring allows the head assembly to be rotated 360° to accommodate plumbing position.

Code	Flow lt/min	Supply Volt	Connection Ø / mm	Dimensions mm	Weight Kgs
4678	20	12V	38	L369 x W168 x H144	3,2



**Code 4678-1 HOSE ADAPTOR**  
for code 4678



**Code 4678-2 HOSE ADAPTOR**  
for code 4678



**SHOWER DRAIN AND BILGE PUMP**

Robust single diaphragm design sink & shower drain pump. The multi-positional pump head offers a variety of installation options. Quiet running and corrosion resistant parts. No filter is required.

Code	Flow lt/min	Supply Volt / Amp	Connection Ø mm	Lift m	Dimensions mm			Weight Kg
					L	W	H	
3374	16	12 / 10A	19	3	297	150	111	2,98



**ACCUMULATOR TANK**

Code	Volume Lt	Length cm
1816	1,1	24

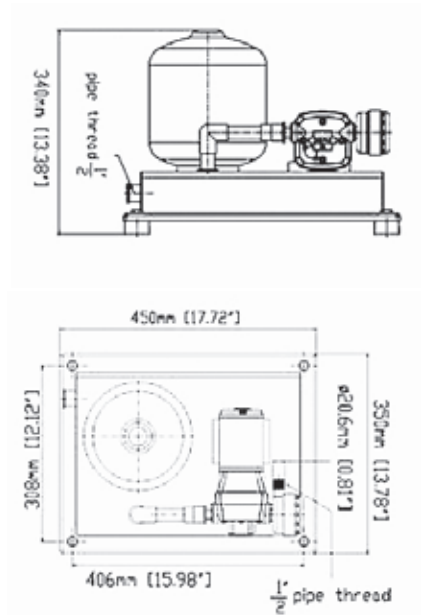


**NEW**

**WATER SYSTEM PUMP KIT WITH ACCUMULATOR TANK**

Water supply system of high performance and low noise with excellent suction and high pressure. Simplified integrated pump and accumulator tank system. It can be mounted vertically or horizontally. 4-hole base for easy installation. It is thermal protected. 1/2" outlet.

Code	Flow lt/ min	Supply Volt/ Amp	Pressure	Tank volume lt
3740	10	12V / 3 A	17 psi	5 lt



HYDRAULIC EQUIPMENT



**COOLING WATER STRAINER**  
Made of polypropylene with acrylic clear cap and polypropylene inner mesh.

Code	Ø for Hose
3608	19 mm



**IN-LINE STRAINER**  
Made of plastic with stainless steel large mesh filter.

Code	Ø for Hose
3606	19 mm



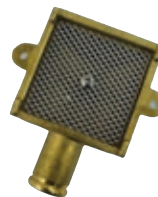
**Code 3805-1**  
**PUMP FILTER**  
Filter for water pump with inlet connection 12mm.



**WATER FILTER WITH TRANSPARENT PLASTIC COVER**

It is a 90° filter with 2 input/output for use in areas with lack of space. There is internal net.

Code	Diameter of input mm	Weight Kg
3612	25,4	3,2



**WATER FILTER**  
Brass snore-piece for bilge with stainless steel net

Code	Ø mm	Dimensions mm	
		A	B
3610	20	55	55



**Code 4449 - 2  
WATER MIXER**  
With flush recessed mounting.  
For cold and hot water.



**Code 4449 - 1  
WATER TAP**  
With flush recessed mounting.  
For cold water.

**SHOWER BOXES WITH SHOWER**

Box including chromed brass shower (code 4884), net PVC hose.



Code	Hose Length m	Dimensions mm
802-1	2,5 m PVC	94 x 85 x H 53,5
802-2	4 m PVC	94 x 85 x H 53,5



**Code 4884  
PUSH BUTTON  
SHOWER**  
Made of plastic and chromed brass, head-circular push button, white color.



**PLASTIC SHOWER HOLDER WITH COVER EVAL**  
Suitable for horizontal or vertical mounting.  
It is combined with codes 958\* , 956\*

Code	Ext.Diameter mm	Int.Diameter mm	Height mm
1011	95	63	75



**SHOWER WITH HOSE**  
Ideal for the box with code 1011.

Code	Hose m	Color
956-2GR	2,5	LIGHT GREY
956-2W	2,5	WHITE
956-5GR	5	LIGHT GREY
956-5W	5	WHITE

**SHOWER WITHOUT HOSE**  
Ideal for the box with code 1011.



958-GR

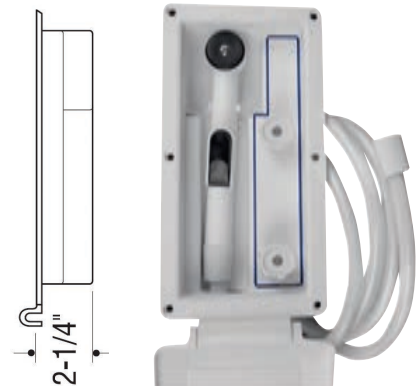
958-W



Code	Color
958-W	WHITE
958-GR	LIGHT GREY



**BOX WITH SHOWER / MIXER AND COVER**  
Includes shower with hose 2,5 m (code 956-2) and mixer with connections 12,7 mm.



**AFT-DECK SHOWER HOT/COLD WITH HOSE – SET**

Code	Dimensions mm	Height mm
1006	129 x 134	115

Code	Hose Length m
1933	2

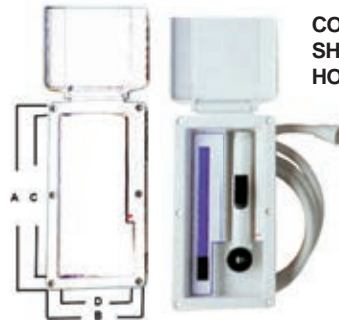


**NEW**

**BOX MIXER SHOWER KIT**

Flush mount cool and warm water shower kit, mixer, hose and shower included. Vertical and horizontal mount.

Code	Dimensions mm	Hose Length m
972	176 x 91 x Depth 65	2,5



**COLD WATER SHOWER WITH HOSE & SWITCH - SET**

Code	A cm	B cm	C cm	D cm	Depth cm	Hose Length m
1031	26	12,5	22	10	5	2



**SHUT OF WATER VALVE**

Code	Output Diameter mm	Thread	Height
2393	15	24 mm	88 mm

**WATER TAP AND MIXER**  
Suitable for shower.

Code	Type	Water
4730	Water tap	Cold
4739	Water mixer	Cold / Hot



**SHOWER KIT COMPLETE: WITH PUMP, SHOWER WITH HOSE AND SHOWER HOLDER**

Shower kit complete with self-priming pump with electronic control. Equipped with helical PTFE gears, nickel-plated brass body and connections, integrated check valve. Complete with 4m white hose with screw connections and hand washer equipped with built-in white container. The kit is especially suitable for yachts, rubber dinghies and sailing boats.



Code	Flow lt/min	Supply	Connection Ø / mm	Pressure	Lift m
966	10	12V/24V/25A	14	22 psi	1



**LED SHOWER**

Made of Chrome Plated ABS. LED color will be changed by water temperature. No Battery Needed, Water Flow Power Generation.

Code	Volt	Dimensions mm	LED	Water Temperature / LED Color
959	3,5V-4V	Ø 31 x 230	1 RGB LED	< 31°C / Blue LED
				32°C-43°C / Green LED
				44°C-50°C / Red LED
				> 51°C : Red Strobe (Alarm)

HYDRAULIC EQUIPMENT

**Code 2373 ELECTRIC SHOWER 12V**



**LED SHOWER**

Made of Nickel Plated ABS. LED color will be changed by water temperature. No Battery Needed, Water Flow Power Generation.

Code	Volt	Dimensions mm	LED	Water Temperature / LED Color
960	3,5V-4V	Ø 85 x 220	16 RGB LED	< 25°C / Green LED
				26°C-35°C/ Blue LED
				36°C-45°C/ Red LED
				> 46°C/ Red and Blue

**LED SHOWER**

Made of Chrome Plated ABS in white color. LED color will be changed by water temperature. No Battery Needed, Water Flow Power Generation.



Code	Volt	Dimensions mm	LED	Water Temperature / LED Color
964	3,5V-4V	Ø 68 x 260	1 RGB LED	< 31°C / Green LED
				32°C-43°C / Blue LED
				44°C-50°C / Red LED
				> 51°C : Red Strobe (Alarm)





**SHOWER SUMP SYSTEM**

Suitable for boats having a shower, sink or tub and for collecting the waste water from parts of the siphon board. Easily cleaned by removing the protective cap.

Code	Output	Supply	Connection Ø / mm	Dimensions mm
2301	50 lt/ min	12V	19 - 38	210 x 285 x 140

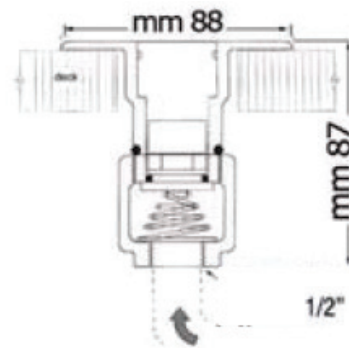


**SHOWER DRAIN SYSTEM**

Code	Output lt/min	Volt	Dimensions mm
4311	44	12	L 329,5 x W 194,5 x H108



**NEW**



Code 900

**BAYONET FLUSH LINK FOR DECK WASHING**

The device is connected under the deck to Washdown pumps or similar types, and it keeps the pump under pressure. When the bayonet joint is fitted to the washing hose, the device opens automatically and activates the pump; all made of stainless steel, universal adaptor.



**FLAT HOSE ON A REEL**

Easy to store with quick connectors and adjustable nozzle. It can be placed anywhere on the boat, the house or the camp as it can be hanged using the special brackets. The included hose is flat shaped and requires minimum storage space.

Code	Hose length	Dimensions	Tube diameter
1698	15 m	Height 36 cm Width 32 cm Depth 35 mm	3/4"
1698-1	Extention of flat hose 15 m		



**PLASTIC HOSE REEL CASE**

Round case with internal mechanism for coiling and storing the washing hose, made of strong plastic material. The washing hose is included.

Code	Diameter cm
3250	45



**HOSE QUICK CONNECTOR WITH TAP ADAPTOR**

Code	Description	Connection
1459	Hose quick connector female	Ø26 mm, 3/4
1460	Tap adaptor male	3/4

**QUICK PLASTIC CONNECTORS**

Suitable for compressed air network and hydraulic networks. Very easy installation due to the quick release patent



**CONNECTOR STRAIGHT**

Code	Diameter mm
4886	12



**CONNECTOR MALE**

Code	Diameter mm	Thread inch
4891	12	1/2"



**CONNECTOR UNION «T» TYPE**

Code	Diameter mm
4887	12



**CONNECTOR FEMALE**

Code	Diameter mm	Thread inch
4894	12	3/8"



**CONNECTOR UNION ELBOW 90° MALE**

Code	Diameter mm	Thread inch
4893	12	3/8"



**CONNECTOR UNION ELBOW 90°**

Code	Diameter mm
4888	12



**CONNECTOR UNION ELBOW 90° MALE**

Code	Diameter mm	Thread inch
4892	12	1/2"



**CONNECTOR FEMALE**

Code	Diameter mm	Thread inch
4895	12	1/2"



**CONNECTOR MALE**

Code	Diameter mm	Thread inch
4890	12	3/8"



**POLYETHYLENE REINFORCED TUBE**

Code	Internal Diam. mm	External Diam. mm	Type
4899-BLUE	10	12	For cold water
4899-RED	10	12	For hot water



**CONNECTOR FEMALE «Y» TYPE**

Code	Diameter mm
4889	12

**Code 1423**

**MANUAL WATERPUMP**

Diaphragm hand pump suitable for all boats. It can be used as primary or backup pump in case of power loss.

Plastic, Ø 25,4 mm  
Delivery: 45-94 lt/min..



**Code 1421**

**HAND TRANSFUSION PUMP**

**BRASS OIL PUMP**

Code	Dimensions mm
1424	L 200



**DIAPHRAGM FOOT PUMP**

With diaphragm suitable for primary or backup pump.

Code	Output lt / min	Inlet Connection mm
1420	15	12,7

**PLASTIC OIL CHANGE PUMP**

The body is made of PE and the handle of ABS. The metal parts are made of regular carbon steel.

Code	Volume	Length
2399	0,8 lt	340 mm



**HAND TRANSFUSION PUMP**

Code	Dimensions mm
1425	L 530

**MANUAL OIL & FLUID EXTRACTOR PUMP 6,5Ltr**

The oil extractor can be used both on boat, in the car etc. The oil extracted is stored in the pump. Extraction tube kit, 1/4" extension tube, 5/16" extension tube are included.



**NEW**



Code	Capacity cm
3790	6,5 lt



**EVAL**



**PLASTIC HANDY PUMP WITH HOSE**

Suitable for transferring fuel, water and various liquids.

Code	Hose Length	Diameter of metallic edge mm	Hose diameter mm	
			Internal Ø	External Ø
1418-24	160	30	20	25



**CHROME BRASS TAP**  
With folding spout.

Code	Type
4450 - 1	COLD



4447 - 1                      4447 - 2

**CHROME BRASS TAPS**  
With swivelling and folding "J" spout.

Code	Type
4447 - 1	COLD
4447 - 2	COLD / HOT



**CHROME TAP WITH SHOWER**  
Tap with on/off trigger shower and 1,5 m hose.

Code	Type	Color
4448	COLD / HOT	WHITE



**FLEXIBLE WATER TANK RECTANGULAR**  
With each tank are available a plastic fitting, for tank filling and for tank emptying .

Code	LT	Dimensions cm
2375-2	100	L 74 x W 90
2375-3	120	L 74 x W 100
2375-4	150	L 74 x W 125
2375-5	210	L 74 x W 175



**NEW**

**TWO WAY TAP "HOT/COLD WATER", FITTED WITH REMOVABLE SHOWER**

The shower is equipped with a special button that can be locked in order to free the water flow (tap function), or it can be unlocked and used as a hand shower.

Code	Mounting base mm	Size mm	Surface height mm
817	43 x 30	120	110



**FLEXIBLE WATER TANK - TRIANGULAR**  
With each tank are available a plastic fitting, for tank filling and for tank emptying .

Code	LT	Dimensions cm
2380 - 1	55	L 95 x W 76
2380 - 2	100	L 105 x W 92



**Code 2373 - 5 FLEXIBLE SOLAR SHOWER**  
Made of PVC. Ideal for shower. Solar heated. Capacity 20 Lt.

Code	Color
958-W	WHITE
958-GR	LIGHT GREY

**WATER TANK COMPLETE WITH PRESSURE PUMP**

Tank kit for fresh or salt water, complete with pressure pump. Suitable for shower systems, sinks and toilets.



Code	Lt	Dimensions cm	Flow lt/min	Supply	Connenct. Ø mm	Pressure
2936-67	67	65x29x39	10	12V/24V/7,5A	14	22 psi
2936-107	107	105x29x39	10	12V/24V/7,5A	14	22 psi



**CYLINDRICAL SINK**  
Stainless steel.

Code	Diameter cm	Depth cm
4443-26	26	12,5
4443-30	30	15
4443-36	36	15



**HEMISPHERICAL WASH HAND BASINS**  
Stainless steel.

Code	Diameter cm	Depth cm
4444 - 20	20	10
4444 - 26	26	12
4444 - 30	30	15



**OVAL WASH HAND BASIN**  
Stainless steel.

Code	Diameter cm	Width cm	Depth cm
4446	35,5	24	12,5



**SINKS**  
Stainless steel.

Code	Diameter cm	Width cm	Depth cm
4445 - 1	30	33	15
4445 - 2	30	24	15



**GLASS TEMPRED SINK**

Code	Diameter mm	Height mm	Weight Kg
3106-1	280	125	2,1
3106-2	360	140	3,5



**ROUND SINK WITH COVER**  
Made of stainless steel with tempered glass cover and folding faucet of cold water.

Code	Dimensions mm	Weight Kg
4676	H 180 x Ø 300	3,4



**CERAMIC SINK WITH NANO TREATMENT**

Ceramic with nanometer (nano) treatment, ø 9" (236 mm)  
Nano ceramic glaze contains silver ion to serve as anti-dirt & anti-bacteria purpose (Abbr. "ADB") Surface feature: delicate smooth, high hardness, friction durable and chemical resistant .Can be cleaned within very limited time and water Equipped with a push button sink seal.  
Come with a metal barbed pipe adaptor, neck 1" (25.4 mm) O.D.

Code	Dimensions (ø x D x H) mm	Weight Kg
2271	ø 316 x H 239 mm	8,5

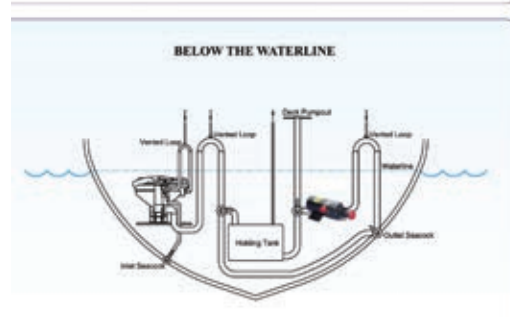
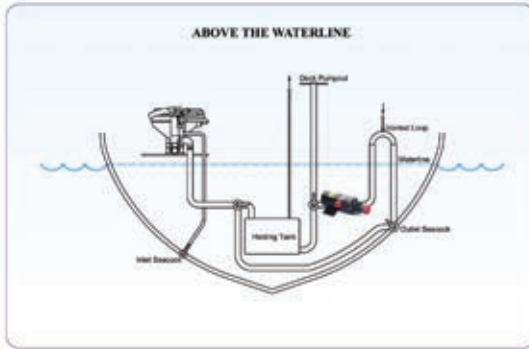


**OVAL SINK WITH COVER**  
Made of stainless steel with tempered glass cover and folding faucet for cold and warm water.

Code	Dimensions mm	Weight Kg
4675	L 510 x W 390 x H 161	7,2

TMC has a great variety of models in toilets. They are reliable and can be placed either above or below the waterline. The fitting below the water line requires the use of the "vented loop connection" (code 1455 \*). A full range of spare parts are available.

**TOILET INSTALLATION**



**TMC**

**MANUAL MARINE TOILET**  
With a new ergonomic handle.

Code	Connection Ø / mm		Dimensions cm	Weight Kg
	Inlet hose	Discharge hose		
<b>2286</b>	19,5	37,8	H 33 x W 41,6 x Depth 47,3	14,2



**TMC**

**MANUAL MARINE TOILET**  
With a new handle.

Code	Connection Ø / mm		Dimensions cm	Weight Kg
	Inlet hose	Discharge hose		
<b>3908</b>	19,5	37,8	H 34,5 x W 42,5 x Depth 46	15,2

HYDRAULIC EQUIPMENT



**TMC**

For code 2280 are available:  
**CODE 1431**  
Set of spare parts.  
**CODE 1431-1**  
Pump unit.  
**CODE 1431-2**  
Electric conversion 12V.

**MANUAL MARINE TOILET**

Code	Connection Ø / mm		Dimensions cm	Weight Kg
	Inlet hose	Discharge hose		
<b>2280</b>	19,5	37,8	H 33,6 x W 36 x Depth 47	13,5

The following spare parts are available :  
**1431-3** : STANDARD PLASTIC SEAT & COVER  
**1431-4** : DELUXE PLASTIC SEAT & COVER  
**1431-5** : PIPE JOINTS FOR MANUAL TOILET  
**1431-6** : BASE UNIT FOR MANUAL TOILET  
**1431-7** : CONVERSION KIT FOR MANUAL TOILET WITH STANDARD PUMP



**TMC**

**ELECTRIC MARINE TOILET**  
Switch box included.

Depth	Volt	Amp	Connection Ø / mm		Dimensions cm	Weight Kg
			Inlet hose	Discharge hose		
<b>2272</b>	12	18	19	25,5	H36,3 x W34,4 x Depth 45	23,5

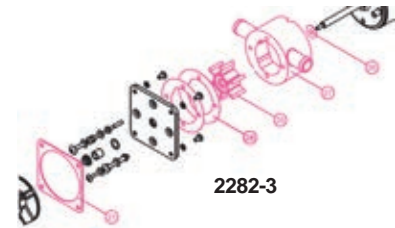
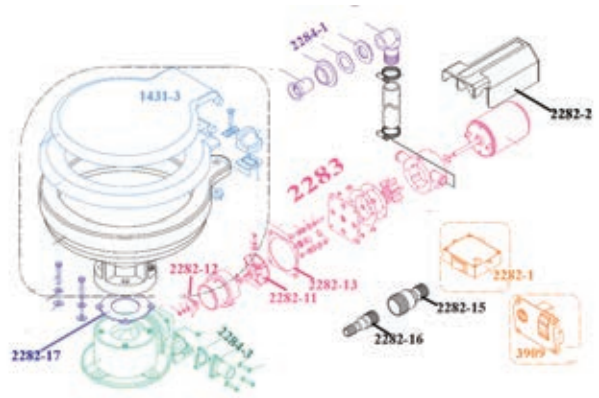
The following spare parts are available :  
**1431-3** : STANDARD PLASTIC SEAT & COVER  
**1431-4** : DELUXE PLASTIC SEAT & COVER  
**2285-1** : PIPE JOINTS FOR ELECTRIC TOILET  
**2283** : PUMP UNIT 12V FOR ELECTRIC TOILET  
**2285-2** : BASE UNIT FOR ELECTRIC TOILET  
**2285-3** : CONVERSION KIT FOR ELECTRIC TOILET  
**2282-1** : STANDARD SWITCH BOX 12V FOR ELECTRIC TOILET  
**3909** : PANEL SWITCH WITH FUSE PACKAGE 12V



**ELECTRIC MARINE TOILET**  
With large bowl and deluxe plastic seat and cover.

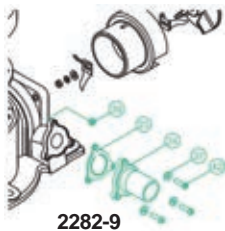
Code	Volt	Amp	Connection Ø / mm		Dimensions cm	Weight Kg
			Inlet	Discharge		
2284	12V	18A	25,5	25,5	37,6 x W36,5 x Depth 48,4	20,6

The following spare parts are available :  
**2284-3** : SPARE PART BASE USIT FOR ELECTRIC TOILET FOR CODE 2281 AND 2284  
**1431-3** :STANDARD PLASTIC SEAT & COVER  
**2284-1** :PIPE JOINTS FOR ELECTRIC TOILET  
**2283**: PUMP UNIT 12V FOR ELECTRIC TOILET  
**2284-4** : CONVERSION KIT FOR ELECTRIC TOILET WITH STANDARD PUMP  
**2282-1** : STANDARD SWITCH BOX 12V FOR ELECTRIC TOILET  
**3909** : PANEL SWITCH WITH FUSE PACKAGE 12V  
**1431-4** : DELUXE PLASTIC SEAT & COVER



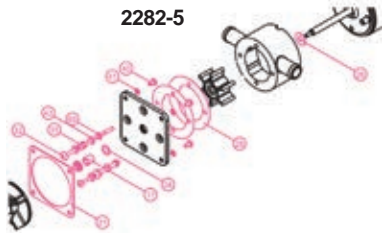
**Code 2282-9**  
**BASE PORT KITS FOR ELECTRIC TOILET**

For the toilets 2284 & 2281.  
It includes  
 39 : hexagon nut  
 23 : flapper valve  
 24 : discharge port  
 37 : flat washer  
 42 : screw



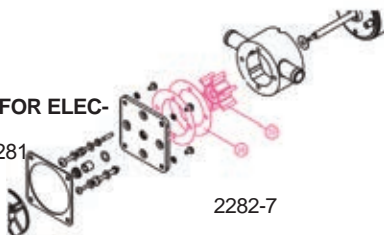
**Code 2282-5**  
**PUMP GASKET KIT FOR ELECTRIC TOILET**

For the toilets 2284 & 2281  
It includes  
 21 : gasket  
 32 : screw  
 33 : screw  
 43 : flat washer  
 65 : rubber washer  
 17 : sleeve kit  
 34 : O ring  
 41 : spring washer  
 40 : screw  
 28 : gasket  
 26 : slinger



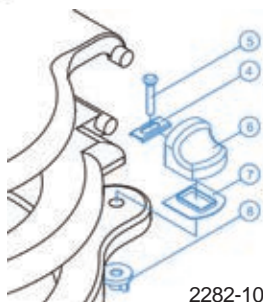
**Code 2282-7**  
**PUMP IMPELLER KIT FOR ELECTRIC TOILET**

For the toilets 2284 & 2281  
It includes  
 28 : gasket  
 29 : flexible impeller



**Code 2282-10**  
**HINGE SET FOR STANDARD SEAT**

For the toilets 2284 & 2281  
It includes  
 5 : square neck bolt  
 4 : washer  
 6 : support  
 7 : support packing  
 8 : wing nut



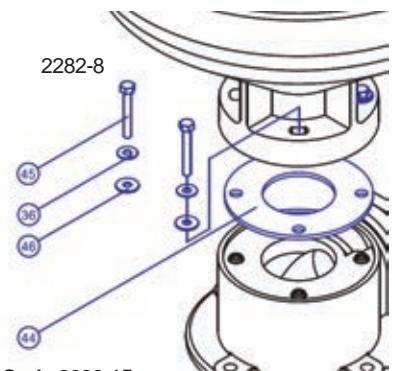
**ELECTRIC MARINE TOILET 12V**  
Switch box included.

Depth	Volt	Amp	Connection Ø / mm		Dimensions cm	Weight Kg
			Inlet hose	Discharge hose		
2281	12V	18A	25,5	25,5	H 35,2 x W 36 Depth: 44,5	16

For code 2281 are available:  
**CODE 2282-1**  
Switch box assembly.  
**CODE 2282-2**  
Plastic cover.  
**CODE 2282-3**  
Pump body kit for electric toilet.  
**CODE 2283**  
Pump unit 12V.  
**CODE 2284-1**  
pipe joints for electric toilet

**Code 2282-8**  
**BASE GASKET KIT FOR ELECTRIC TOILET**

For the toilets 2284 & 2281  
It includes  
 45 : hexagon bolt  
 36 : flat washer  
 46 : plastic washer  
 44 : base packing



**Code 2282-11**  
**CENTRIFUGAL IMPELLER**

**Code 2282-12**  
**RAZOR BLADE**

**Code 2282-13**  
**GASKET**

**Code 2282-15**  
**ADAPTOR**

**Code 2282-16**  
**ADAPTOR**

**Code 2282-17**  
**BASE PACKING**

**ELECTRIC TOILET FLUSH PANEL**



**TMC**

It comes with boxed fuse package. One touch control panel with built-in micro IC control system that allows two flush options :

1. Half flush that lasts for 5 seconds and delivers 2 lt of water
2. Full flush that lasts for 10 seconds and delivers 4 lt of water.

It is equipped with seals for water – splash proof. It has a built-in max. 40 amp. relay circuit loop designed to protect the operation against high current.

Code	Dimensions mm
<b>3909</b>	L 118 x H 87



**VENTED LOOP CONNECTION PLASTIC**

To be placed as high as possible when the toilet is mounted below waterline.

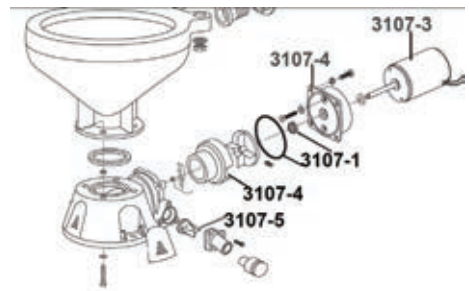
Code	Suitable for hoses with internal diameter	Color
<b>1455-1</b>	19 mm	WHITE
<b>1455-2</b>	25,4 mm	
<b>1455-3</b>	38 mm	

**ELECTRIC MARINE TOILET JABSCO**

This electric marine toilet provides both quiet operation and user control of water levels in the toilet bowl. A single large push button switch provides a simple flush mode by activating both the rinse water supply and the powerful macerator discharge pump simultaneously. An additional rocker switch offers independent control of the rinse water supply and discharge pump separately so the bowl water level can be easily raised or lowered by the user. This provides a method of minimizing water use, when desired, as well as a means of raising the water level in the bowl when appropriate for user comfort. It also allows for complete evacuation of the bowl water while underway in rough sea conditions. Supplied with a solenoid valve and siphon breaker assembly for connection to any existing pressurized water pump with a flow rate of 13,5 lpm or more. The siphon breaker prevents back flow from the toilet to the water system. Adaptor included for connection to 8mm discharge hose. Motor & switch meet U.S.C.G. Regulation 183.410 and ISO 8846 MARINE for Ignition Protection.



- Code 3107-1** Service kit.
- Code 3107-2** Seat and cover.
- Code 3107-3** Motor 12V
- Code 3107-4** Seal housing
- Code 3107-5** Joker valve
- Code 3107-6** Macerator housing



Code	Volt	Amp	Connection Ø / mm		Bowl dimensions cm	Weight Kg
			Inlet	Discharge		
<b>3107</b>	12 V	25 A	19	25	H 35 x W 35 x Depth 45	15,4

HYDRAULIC EQUIPMENT

**MANUAL MARINE TOILET JABSCO**



For code 1430 are available the bellow spare parts:

- CODE 1430-1** Set of spare parts.
- CODE 1430-2** Base valve gasket.
- CODE 1430-3** Top valve gasket.
- CODE 1430-4** Pump cylinder assy.
- CODE 1430-5** Base assembly.
- CODE 1430-6** Pump assembly.
- CODE 1430-7** Joker valve.
- CODE 1430-8** Seal assy.
- CODE 3813** Service Kit. Automatic vacuum breaker for easier pumping. Fittings : connections for 19 mm inlet hose and 38 mm outlet hose.

Code	Connection Ø / mm		Dimensions cm	Weight Kg
	Inlet hose	Discharge hose		
<b>1430</b>	19	38	H34 x W45 x Depth 41	10,9





**PORTABLE CHEMICAL TOILETS**

Portable chemical toilets don't have to be connected to drainage or water system. Because the chemical toilets are compact, light weight and easy to use, they are ideal for caravans and boats. Consist of two sections: the upper section is combined flush water tank and toilet bowl with detachable seat and cover and the lower section is the waste holding tank.

Code	Dimensions mm	Color	Volume Lt
<b>3120 - 12</b>	410 x 355 x 310	LIGHT GREY	10
<b>3120 - 21</b>	410 x 350 x 420	LIGHT GREY	20



**MARINE TOILET PVC HOSE**

Extremely flexible designed sewage pipe for marine toilets. It has the advantage to limit the spreading of odours from the toilet drains. White PVC. Temperature range -15o C / +60o C.

Code	Internal Diameter	Length m	Colour
<b>1662 - 19</b>	19 mm 3/4 inch	25	Grey
<b>1662 - 25</b>	25 mm 1 inch	25	Grey
<b>1662 - 38</b>	38 mm 1,1/2 inch	25	Grey



**HOSE MADE OF PVC**

Suitable for suction and delivery of drinking water and alimentary liquids. Reinforced with steel wire helix. Standards: D.M. 21/3/73 and EEC dir. 90/128. Temperature range: -10o C / +60o C.

Code	Internal Diameter	Length m	Colour
<b>1661 - 19</b>	19 mm 3/4 inch	30	Transparent
<b>1661 - 25</b>	25 mm 1 inch	30	Transparent
<b>1661 - 32</b>	32 mm 1,1/4 inch	30	Transparent
<b>1661 - 38</b>	38 mm 1,1/2 inch	30	Transparent



**Code 3886 - 2 DISINTEGRATOR - ACQUA BLUE WC CHEM**

CHARACTERISTICS: excellent disintegrating, deodorant for marine and chemical W.C., cesspools, etc.

WHAT IS IT: An excellent disintegrating for organic rubbish.

Eliminates disagreeable odours. Reduce the gas heap.

WAY OF USE: Unscrew lightly the plug, press the bottle to obtain the required amount. Empty the waste's tank, pour out, in the tank, 75 ml of "Aqua Blu W.C. Chem" per each 10 litres of waste tank's capacity, add 2 lt water. Empty the tank only in consent places and rinsing it abundantly with water. Preserve it between 0 and 40o C. Suitable for codes 3120-12 and 3120-21.

1 kg.

Blue Marine



**VALVE CONNECTOR**

Suitable for bilge pump and toilets. It allows the pumping form two different points. Suitable for tube internal diameter Ø25 mm and Ø38 mm.

Code	Ø cm
<b>1359-1</b>	25
<b>1359-2</b>	38



**MACERATOR PUMP**

Electric pump for toilet with base against vibration, suitable for sludge tanks.

Κωδ	Ροή lt/min	Volt	Amp	Ø Σύνδεση με σωλήνα mm
<b>3801-12</b>	45	12V	12	28
<b>3801-24</b>	45	24V	7	28

**ATI WATER HEATERS FOR NAUTICAL USE**

The Italian company's ATI water heaters for nautical use are known for their efficiency, high rate of reliability and great durability. High quality materials are used to ensure long life and high power.

For heat isolation closed cell expanded polyurethane foam is used (HFC, CFC, HCFC and HFA free). All the heaters are delivered with an adjustable safety thermostat.

They have Pressure relief and non-return valve set at  $6\pm 0,5$  bar (87±7 psi).

The outer casing of the tank is made either of stainless steel 16 with anti-corrosion treatment (heater of 12 Lt) or of pre-painted aluminum suitable for marine applications (heater of 20, 22, 30 lt).

They are very easily installed due to its dimensions and the mounting support points.

The power supply cable is already connected by standard.



4050



**NEW**

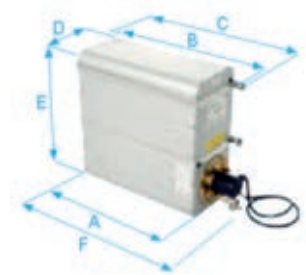
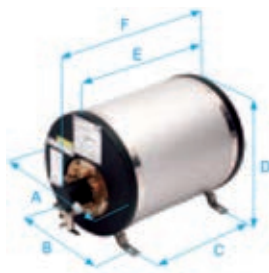


4052



4051-1

4051-2



HYDRAULIC EQUIPMENT

Code	Lt	Material	V	Watt	Weight kg	Max Pressure kPa	Shape	Dimensions						
								A mm	B mm	C mm	D mm	E mm	F mm	
4050	12	Stainless Steel	220V	800W	8	500	●	255	175	267	334	387		
4051-1	22	Aluminum	220V	800W	13,5	500	●	322	267	335	334	410	485	
4051-2	30	Aluminum	220V	800W	15,7	500	●	322	267	470	334	544	619	
4052	20	Aluminum	220V	800W	12,5	500	■	420	457	488	190	420	485	

# REFRIGERATORS - COOKERS - BARBEQUE

Barbeque  
Gas Cookers  
Gas Ovens  
Gas Hobs  
Coolers  
Cooler Boxes  
Electric Refrigerators

353- 360



**MARINE COOLER BOXES**

With handle or strap, ideal for all outdoor activities, for the boat and camping, in 3 different sizes. Stain and odor resistant, easy-to-clean liner, superior thermal retention keeps beverages cold.

**Made in U.S.A.**

Code	Ltr	Dimensions mm
<b>4320 - 5</b>	5	186 x 273 x 200
<b>4320 - 10</b>	10	267 x 340 x 232
<b>4320 - 13</b>	13,2	371 x 483 x 170



**MARINE ICE COOLERS**

With two handles, ideal for all outdoor activities, for the boat and camping, in 5 different sizes. Stain and odor resistant, easy-to-clean liner, superior thermal retention keeps beverages cold.

**Made in U.S.A.**



Holds 30 cans plus ice.

Code	Ltr	Dimensions mm
<b>4321 - 24</b>	24	H 340 x L 380 x D 300



With integrated side handles and hinge lid. Holds 48 cans plus ice.

4321 - 34



4 cup holders on lid. Holds 82 cans plus 6,35 kgr of ice.

Code	Ltr	Dimensions mm
<b>4321 - 54</b>	54	H 470 x L 520 x D 360



Holds 68 cans plus 6,35 kgr of ice.

4321 - 48

Code	Ltr	Dimensions mm
<b>4321 - 34</b>	34	H 340 x L 480 x D 310
<b>4321 - 48</b>	48	H 410 x L 520 x D 360

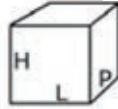


1803 - 1



1803 - 2

NEW



**ISOTHERM ELECTRIC FRIDGES**

Isotherm electric fridges are fitted with electronic control that turns off the fridge when the voltage goes under 10,4 volts and when starts up again goes up to 11,7 volt (adjustable values respectively up to 9,6 and 10,9 volt). Rotation speed of 2000-2500-3000 RPM adjusted according to the cooling volume. No maintenance is required.

Code	Volume l	Dimensions mm H x L x P	Volt	Weight Kg
<b>1803-1</b>	49	525 x 380 x 470	12V/24V	16
<b>1803-2</b>	65	530 x 450 x 500	12V/24V	18



4027 - 40



4027 - 50

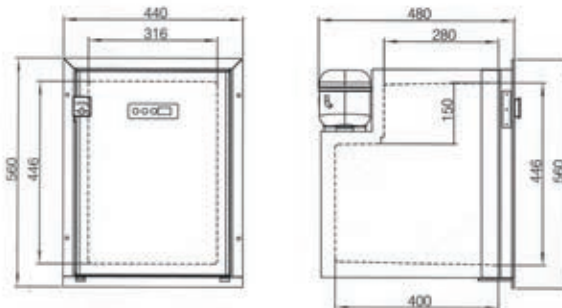
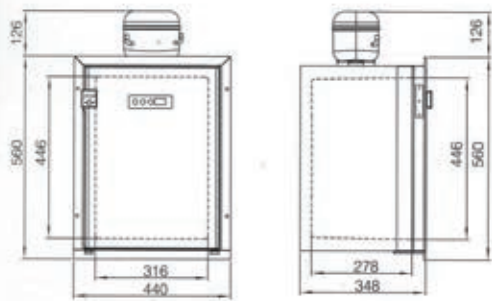


**ELECTRIC REFRIGERATOR**

Electric refrigerator with DC compressor, specially designed for the boat or any recreational vehicle. Exceptionally quiet. With a freezer.

**ELECTRIC REFRIGERATOR**

Electric refrigerator with DC compressor, specially designed for the boat or any recreational vehicle. Exceptionally quiet. With high and low speed function.



Code	Capacity Lt	Freezer liters	Fridge Liters	Temperature Freezer	Temperature Freeze	Supply	Dimensions mm	Weight Kg
<b>4027-40</b>	40	6	36	-12°C	0-10°C	12V/24V 45W	W440 x D348x H560	19
<b>4027-50</b>	50	6	44	-12°C	0-10°C	12V/24V 45W	W440 x D480x H560	21

► REFRIGERATORS - COOKERS - BARBEQUE

Cookers have established a great reputation within their respective market. They boast an elegant, compact and solid structure, virtues that are essential for the marine environment. They come with a panholder system in order to avoid devices moving around and gimbals for stable mounting. The burners can be used simultaneously and with different temperature in order to obtain maximum efficiency and economy. In case that the flame stops, then the security system takes effect and cuts off the gas supply. The double glazing, thermo-reflectant oven hatch locks automatically.



**GAS COOKER WITH OVEN**

With two burners. Ideal for small and confined spaces.

Code	Dimensions mm	Weight kgr
<b>4626</b>	L 442 x W 480 x H 442	21



**GAS COOKER WITH OVEN AND SEPARATE GRILL**

With two burners and separate grill.

Code	Dimensions mm	Weight kgr
<b>4627</b>	L 442 x W 480 x H 520	21,5



**GAS COOKER WITH OVEN**

With two burners.

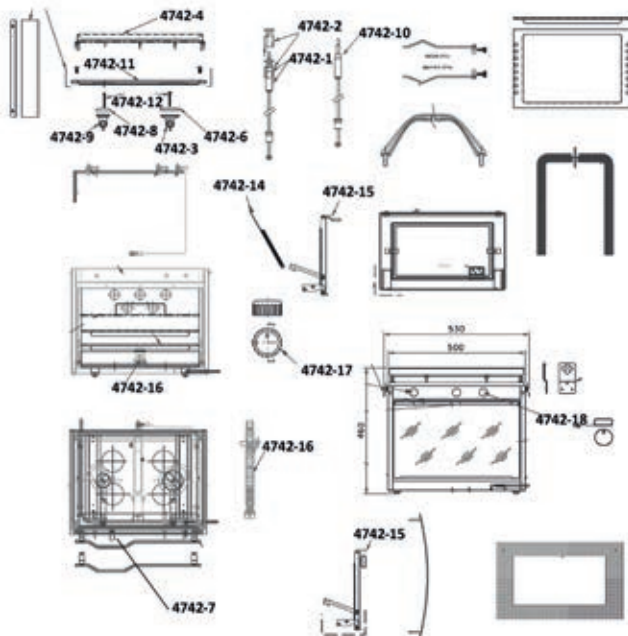
Code	Dimensions mm	Weight kgr
<b>4624</b>	L 484 x W 530 x H 460	21



**GAS COOKER WITH OVEN**

With three burners.

Code	Dimensions mm	Weight kgr
<b>4625</b>	L 484 x W 530 x H 460	21



**NEW**

Code	Item
<b>4742-1</b>	Thermocouple hob 450mm
<b>4742-2</b>	Adapter thermocouple M8
<b>4742-3</b>	Rapid burner
<b>4742-4</b>	Grille chrome floor cuc
<b>4742-5</b>	Screw to fix the burner cup
<b>4742-6</b>	Big brass quick
<b>4742-7</b>	Door lock
<b>4742-8</b>	Brass medium burner semirapid
<b>4742-9</b>	Medium burner cooking semirapid
<b>4742-10</b>	Thermocouple 900mm for oven cooking
<b>4742-11</b>	Finished cooking hob drolled 550 x 440 x 07
<b>4742-12</b>	Screw M4x50 steel burner
<b>4742-14</b>	Spring tension door
<b>4742-15</b>	Spring lock door with rubber
<b>4742-16</b>	Burner oven thermocouple
<b>4742-17</b>	Knob without hard nickel
<b>4742-18</b>	Black plastic knob 35x13



**GAS OVEN**

Large size, designed for fast and easy meal preparation. The ideal choice for catamarans and modern power boats with new double glazing, thermo-reflectant oven hatch.

Code	Dimensions mm	Weight kgr
4629	L 434 x W 550 x H 540	22



**GAS OVEN**

Ideal for small and confined spaces due to its compact size. The whole structure, both internal and external, is made of stainless steel.

Code	Dimensions mm	Weight kgr
4630	L 400 x W 485 x H 240	7,5



**BUILT IN DOUBLE GAS HOB**

Compact and easy to use. The two stainless steel burners, in combination with the flame adjustment, can be operated on different temperature in order to allow the usage of two devices simultaneously.

Code	Dimensions mm	Weight kgr
4628 - 2	L 340 x W 470 x H 67	2,5



**BUILT IN TRIPLE GAS HOB**

Compact, elegant and easy to use. The three stainless steel burners, in combination with the flame adjustment, can be operated on different temperature in order to allow the usage of three devices simultaneously.

Code	Dimensions mm	Weight kgr
4628 - 3	L 390 x W 470 x H 67	3,5



**STREAMLINED COOKTOP**

Sleek design streamlined cooktop, with protective glass lid. 12V electric ignition. Solid structure. It can also be surface mounted.

Code	Dimensions mm	Weight kgr
4660	L 480 x W 550 x H 63	12,3



**ELECTRIC BARBEQUE**

Compact size with exceptional results. The chassis is made of stainless steel. It is the ideal choice for grilling fish, meat and vegetables in a professional way.

Code	Dimensions mm	Weight kgr	Volt
4631	L 394 x W 343 x H 100	5,5	230



**FLAP HOB UNIT AND SINK SET**

Includes stainless steel hob and stainless steel sink. With folding faucet. Complete hob with tempered glass lid, burners with self-blocking cap and fixed built-in support grid. Can be folded in the sink with the help of disappearing hinges. Equipped with special sleeve that serves as seat for the column type pan-holder. Burner is equipped with safety valve.

Code	Dimensions mm	Weight kgr
4674	H 180 x Ø 300	6,3



**STAINLESS STEEL STOVE WITH 2 BURNERS**

Manufactured in mirror finished stainless steel complete with fixing plates, interchangeable with CAN gimbals system. All burner fitted with thermocouple (safety valve).

Code	Dimensions mm	Hob-unit burners	Weight kg
3103	L 360 x W 330 x H 9	2 semi-rapid	3,5



**STAINLESS STEEL HOB-UNIT 1 BURNER**

Manufactured in mirror finished stainless steel. The burner fitted with thermocouple (safety valve).

Code	Dimensions mm	Hob-unit burner	Weight kg
3104	L 320 x W 285	1 semi-rapid	2,2



**SINGLE GAS COOKER**

Gas cooker with one stainless steel burner and panholder system. The rack is removable for easy cleaning.

Code	Dimensions mm	Weight Kg
4620	L 240 x W 236 x H 159	1,5



**DOUBLE GAS COOKER**

Gas cooker with two burners, panholder system and gimbals. The rack is removable for easy cleaning.

Code	Dimensions mm	Gimbal Height mm	Weight kgr
4621	L 280 x W 557 x H 104	273	2,5





**DOUBLE GAS COOKER**

Gas cooker with two stainless steel burners, panholder system and gimbals. Extra thick 1 mm stainless steel body. The rack is removable for easy cleaning.

Code	Dimensions mm	Gimbal Height mm	Weight kgr
4622	L 240 x W 510 x H 115	273	2,5



**DOUBLE GAS COOKER WITH GRILL**

Gas cooker with two burners, grill, panholder system and gimbals. The rack is removable for easy cleaning.

Code	Dimensions mm	Gimbal Height mm	Weight kgr
4623	L 280 x W 557 x H 181	273	5



**Code 3857**

**PORTABLE GAS COOKING DEVICE**

Portable gas cooking device with single eye. Available with case for storage. It is equipped with safety system. Gas spare bottle with code 3857-1.

Code	Dimensions mm	Weight kgr
3857	L 340 x W 255 x H 110	1,5



**Code 3511**

**PORTABLE CAMPING STOVE**

Portable camping stove, windproof, with ignition of one touch type. It operates with spare gas butane bottle code 3857-1.

Code	Consumption	Heating capacity	Dimensions mm	Weight gr.
3511	100g/h	4000BTU	150 x 150 x 120	460



**Code 3857 - 1**  
**GAS BOTTLE 227gr**  
Complies with EN417.  
For codes 3857, 4020, 3511.



**Code 3857-3**

**PORTABLE ALUMINIUM PLATE FOR PORTABLE GAS COOKING DEVICE**

Inside plate: aluminium with non-stick coating.  
Outside plate: cold rolled sheet with enamel. Fits perfectly to the Eval Portable Gas Cooking Device Code 3857



**Code 3857-2**

**PORTABLE HEATER**

Fits perfectly to the Eval Portable Gas Cooking Device Code 3857 and 4020. Stainless steel body, aluminium top enamel painted.



**PORTABLE BBQ WITH 2 BURNERS AND PLATE**

Very convenient portable bbq with 2 burners. The plate can be placed over the burners. With rigid travelling case. It is equipped with safety system and operates with 2 butane gas code 3857-1

Code	Dimensions cm
4020	62 x 28 x 13

**STOVE WITH 1 BURNER IN STAINLESS STEEL WITH GEL-ALCOHOL FUEL**

Stainless-steel alcohol stove with 1 burner. The stove can be used by means in movement like Boats, Campers or similar. It works in closed environments and does not need a forced ventilation's. The burner is functioning in an optimal manner, because the air aspiration system, from outside to the inside, forms an oxygenated mixture that permits an equilibrated combustion without forming carbon monoxide that is harmful and dangerous for the operator. Simple to operate. Safe usage during the navigation. Fuel: A jelly paste based on alcohol that doesn't liquefy, even during combustion. If preferred, liquid alcohol can also be used. Adjustable flame regulation from a "Maximum" to a "Minimum" till complete extinction. Resistant to strong drafts of air even in extreme conditions.

Code	Dimensions mm
<b>4945</b>	H 122 x W 182 x Depth 182



**Code 4946**  
**PAN-HOLDER STAINLESS-STEEL**  
for Stainless-steel alcohol stove  
code 4945.



**Code 4948**  
**STAINLESS STEEL CONTAINER**

Made to be refilled with liquid fuels on market. Working life when the container is completely full: 1 hour. For code 4945



**Code 4947**  
**STAINLESS STEEL CONTAINER**

Made to be refilled only with the 1 litre bottle of gel alcohol fuel. Working life when the container is completely full: 1 hour. For code 4945



**Code 4950**  
**ALUMINIUM CONTAINER OF GEL FUEL.160 gr**

For code 4945  
Dimensions: Ø 90 mm, height 59 mm.  
Working life of combustion: 60/70 min.  
all open, 2 hours with 1 section open.  
Thermic power: 2000 W.



**Code 4949**  
**GEL-ALCOHOL FUEL REFILL/BOTTLE OF FUEL 1Lt**  
For code 4945



**PORTABLE GAS COOKER**

Uses standard disposable CAMPINGAZ canister with adaptor "easy click". Thermocouple with safety valve. Incorporated regulator on the gas connection. Electronic ignition. Small plate for recovery oil. Thermometer to check inside temperature. Small holder on the control panel. Blocking closing system of the cover. Removable strong grid (50 x 30 cm) with handle.

Code	Dimensions cm
<b>4926</b>	W70 x H25 x Depth 36



**FOLDING BARBEQUE**

Made of stainless steel. It is very practical and easy to carry and store as it folds and its height is reduced to only 2 cm. It is available with a carry bag.

Code	Dimensions		Weight Kg
	Open cm	Closed cm	
<b>1707</b>	L 25 x W 25 x H 23	L 25 x W 25 x H 2	3

**Code 1047**  
**HANDPRESSO ESPRESSO COFFEE MACHINE**

12V power portable espresso coffee machine. It works with ESE pads or similar on sale at the supermarket. The machine is equipped with an electric pump for water pressure up to 16 bar. Water is heated by an heating element. 3-minute cycle to heat cold water and deliver 1 long coffee or 2 espresso coffees. STOP button to regulate coffee quantity.



Code	Volt	Watt	Pressure	Dimensions mm	Weight Kgr
<b>1047</b>	12V	140 W	16 bar	215 x 75 x 75	0,880 Kg

**MACHINE COFFEE MAKER**  
12V machine coffee maker designed especially for boats. It has a very steady structure that is combined with very low consumption 350W (about 29 Amp per hour). The machine operates using water bottles of 0,5lt and it is very fast in preparing the coffee.



Code	Dimensions cm
<b>4741</b>	H 32 x W 15 x D 15

# BRIDGE EQUIPMENT

Rulers  
Nautical Dividers  
Flags  
Flag Poles

361-363





Australia



Austria



Belgium



France



Germany



Denmark



Switzerland



U.S.A.



Ireland



Spain



Italy



Croatia



Cyprus



Malta



Great Britain



South Africa



Norway



Holland



Poland



Portugal



Russia



Slovenia



Sweden



Finland



BRIDGE EQUIPMENT





**SQUARE FLAGS OF VARIOUS COUNTRIES**

**Code 2617**

Flags with length 50 cm.

The flags above plus of other countries are available on demand.

**GREEK FLAGS**

Code	Length cm	Form
1244-30	30	Rectangular 
1244-40	40	
1244-50	50	
1244-60	60	
1244-100	100	
1244-200	200	
1242-35	35	Triangle 
1242-60	60	



**Code 1249  
FLAG POLE**  
Stainless steel.  
Can be dismantled.  
(Ø 14 mm, H 42 cm).



**FLAG POLE**

Code	Length cm	Diam. mm	Material
1246-60	60	25	Wooden
1246-75	75	25	Wooden
4873-25	80	25	Inox



**EUROPEAN UNION FLAGS**

Code	Length cm	Form
1247	50	Rectangular



**FLAG POLE**  
Plastic for inflatable boats.

Code	Length cm
1163	32

**FLAGS**

Code	Description	Length cm
2617-1	Diving flag	50
2617-3	Piracy flag	
2617-4	Turkey flag	



**Code 1165  
RUBBER HOLDER FOR  
MAST FLAG**  
For code 1163, Ø 8 cm.



**Code 1245-25  
FLAG POLE SOCKET**  
Stainless steel, with set allen.  
Ø 25 mm. It is suitable for codes  
1246-60, 1246-75 and 4873-25.



**Code 1804  
ILLUMINATED CHART  
MAGNIFIER**  
Operates with 2x AA Battery (not  
Included). Diameter 75mm



**Code 1469  
NAUTICAL DIVIDER**  
Mainly used to measure distances on the charts  
but also for various other measurements such  
as geographical coordinates.



**Code 1462  
NAUTICAL DIVIDER**  
L 18 cm. Mainly used to mea-  
sure distances on the charts but  
also for various other measure-  
ments such as geographical  
coordinates.



**BASE FOR MASTHEAD LIGHT-FIXED OR FLAG**  
Stainless steel. Ø 19 mm.

Code	A mm	B mm	C mm	D mm	Type
1245-2	19	30	84	51	With allen
1245-3	19	30	84	51	With screw



**Code 1878  
NAUTICAL COURSE PLOTTER**  
Very easy development path. First you  
need to align the course with the arrow on  
the ruler. Then you may count the degrees  
based on the reading of the compass plate.  
Very precise.



**Code 1461  
PARALLER  
RULERS**  
L 33 cm. Used for finding data  
on the charts and for noting the  
pathway over them.

# WATER SPORTS

Inflatable Toys  
Water Sports  
Canoe-Kayaks  
Ski Tow Harnesses  
Neoprene Suits  
Gloves  
Water Skis  
Ski Tow Handles

364-377





Skis for all categories of skiers beginners, intermediate level and advanced and for young skiers. For more extreme moments wakeboards and kneeboards are available.

Skier's Weight kg	Ski Sizes cm
35 - 45	150 - 160
45 - 55	165
55 - 65	165
65 - 75	170
75 - 85	170
85 - 95	175
100 - ...	175

> Boat Speed 30-35 mph



**SLALOM SKIS "THE BOSS"**

Combining a special rocker shape that lets you curve even the tightest turn with complete ease and total control. Complete with bindings. It is combined with carry bag (not included) and ski rope/handle code 486 (not included).

Code	Length cm
443 - 1	170



**COMBO SKIS "DYNAMIC COMBO"**

Makes learning to ski so easy and so much fun. Tunnel concave under section for stable tracking and beveled edges for smooth secure turns. The wide fore body provides lift for deep water starts and co-ordinates overall balance. Complete with bindings.

Code	Length cm
449 - 2	170



**VICTORY JR**

The ideal combo pair for Junior and Intermediate skiers. The perfect choice for easy turning and stable tracking. Complete with bindings.

Code	Length cm
449 - 0	152



**WATER WABBIT**

The perfect pair of skis for little skiers. Both skis secured front and back. Skier has individual trainer handle/rope, with separate handle/rope for control from the boat.

Code	Length cm
464 - 0	121



**COMBO SKIS  
"CONQUEST COMBO"**

Strong multi laminated construction. Wide tunnel concave and nicely beveled edges give a smooth stable ride. It is combined with carry bag (not included) and ski rope/handle code 486 (not included).

Code	Length cm
457 - 1	170



**BUCCANEER WIDE BODY  
COMBO SKIS**

Their wideness makes deep water starts easy and are ideal for the whole family. Their design and construction makes turning easy and creates a stable and responsive ride for both beginners and advanced skiers. Complete with bindings.

Code	Length cm
449 - 1	165



**"NITRO EXPRESS"**  
Kneeboard.

Code	Dimensions cm
469	132 x 55





In order to enjoy and have the best performance you must choose the right wakeboard. This depends on the weight of the rider.

Rider Weight kg	Wakeboard Length cm
< 40	< 130
40-70	130-134
60-80	135-139
80-115	140-144
>90	>144



**“LIQUID NITRO”**

Wake board. It is combined with carry bag (not included), ski rope/handle code 486 (not included) and bindings code 471 (not included).

Code	Dimensions cm
451 - 2	137 x 43



**NEW**



**WAKEBOARD “MISSION”**

If you're a top wake board competitor you already know the outstanding performance features built into every 'RM' Mission Board. A technical composition of 45/45 Kevlar power zone is married together with a super strong, light weight bi-axial carbon graphite construction. The translation is finite feel, torsional rigidity and instant response to the rider's commands. The effect is truly awesome!

Sharp thin profile edges couple up with a subtle concave work surface to give pin point accuracy in turns and landing. Four wide stance fins give positive traction under both power and glide stance. The whole package adds up to TOTAL MISSION CONTROL. It is combined with bag (not included) and bindings code 471 (not included).

Code	Dimensions cm
451-08	131 x 42
451-09	135 x 42.5



**“NITRO BLAST”**

Wake board. It is combined with carry bag (not included), ski rope/handle code 486 (not included) and bindings code 471 (not included).

Code	Length cm
451 - 3	136



Back side

**“TANGO FIRE”**

Wake board. It is combined with carry bag (not included), ski rope/handle code 486 (not included) and bindings code 471 (not included).

Code	Length cm
451 - 4	137



**WAKEBOARD "ROXY"**

A purpose built board for chicks who really want to get it on ! This is a dedicated Ladies board custom designed by RM to let you to truly strut your stuff. Lightweight and responsive with exceptional traction control; hard carving and great lift off the wake. Four wide stance fins gives you the advantage and confidence to 'power on' and stand in the winner's circle. Keep your eye on the hot trendy graphics ! It is combined with bag (not included) and bindings code 471 (not included).



**NEW**

Code	Dimensions cm
<b>451-10</b>	132 x 42.5



**WAKEBOARD CHAINSAW**

A serious 6.5 rocker enables plenty of 'pop' and plenty of air off the wake. Tough Carbon Graphite construction - it's light and it's super strong. 'Dura Clear' running surface with double concave profile gives great traction and utmost control. Grab yourself a Chainsaw & get onto the cutting edge of performance results. It is combined with bag (not included) and bindings code 471 (not included).



**NEW**

Code	Dimensions cm
<b>451-05</b>	134 x42,5
<b>451-06</b>	140 x 42,5

**NEW**



**Code 471 BINDINGS - Race Up Wake Board Boots**

New 3D moulded vinyl overlay for optimum strength and support. Full lace up boot + 'gorilla grip' on heel gives positive control. Just cinch up and go ride ! Versatile one size fits all design is perfect for the whole team. It is suitable for codes 451-2, 451-3, 451-4, 451-5, 451-6, 451-7, 451-8, 451-9, 451-10.



**WAKE SKATE SMOKIN JOE -**

The latest edition to the RM line up. Smokin' Joe is built tough with all the features that wake skaters world wide are 'dribbling' for:-

- 3 stage rocker for popping great ollies & shoving other great moves
- wide concave deck with super elevated kick tails
- 3D EVA posi-grip deck surface
- super strong multi laminated hard rock maple construction
- variable profile edges
- sleek alloy 'pro rider' fins
- performance PLUS !

It is combined with bag (not included) and bindings code 471 (not included).



**NEW**

Code	Dimensions cm
<b>451-07</b>	105 x 40



**NEOPRENE SUIT**

Top quality 3mm smooth skinned neoprene suit with contrast lining. Long rear zip entry. Roll formed neck, legs and sleeves. Fashion cut for perfect fit and comfort.

Code	SIZE
2835 - 1	XS
2835 - 2	S
2835 - 3	M



Code	SIZE
2573 - 1	S
2573 - 2	M
2573 - 3	L
2573 - 4	XL



**SAILING GLOVES**

Made of soft AMARA with grippy and reinforced palm with double seams for superior resistance. Excellent fitting and suppleness due to its elasticity. Comfortable since it allows the air to enter and provides the thumb and pointer more convenience. It closes at the wrist with Velcro elastic strap.

Code	SIZE
2575 - 1	S
2575 - 2	M
2575 - 3	L
2575 - 4	XL



**SAILING GLOVES**

Constructed by soft and resistant AMARA and elastic spandex for more comfort and better fitting. Its double seams and foam padded palm guarantee absolute resistance. Cut fingered it carries Velcro elastic strap on the wrist.



**Code 442**  
**SKI TOW HANDLE**  
 It is light and floats. It includes rope made of polyethylene L 21,50 m, Ø 8 mm



**Code 446**  
**SKI TOW HARNESS**  
 Total length 23 cm, Ø 60 mm. Complete with rope made of polyethylene. L 3.70 m, Ø 8 mm.



**Code 486**  
**SKI TUBE TOW ROPE**  
 Made of polypropylene L 17 m Ø 10 mm.



**Code 447**  
**SKI TOW HANDLE**  
 Soft convenient handle It is light and floats. It includes rope made of polypropylene L 23m, Ø 7,5 mm.



**Code 444**  
**SKI TOW HARNESS**  
 Length 23cm. Complete with floating polyethylene rope, L 3m - Ø 8mm.



**Code 453-2**  
 Pressure gauge & boston valve console  
 Suitable for all tubes RM



**TRANSOM MOUNT SKI TOW**  
 Stainless steel.

Code	Ring ø mm	Thread Leg mm
3332-2	63,5	50,8



**Code 1028**  
**SKI MAST**  
 Stainless steel,  
 L 125 cm.  
 Ø 40 mm

**TUBES**

EVAl offers a wide range of inflatable tubes for endless hours of fun and entertainment. Pump up the adrenaline.



**ROCK N' ROLL HOT DOG TUBE**

Suitable for three persons with a padded grab handle for each rider. Soft neoprene seat pads. Super strong fully enclosed 840 denier, nylon cover.

Code	Dimensions cm
488	320 x 150



**"POCKET ROCKET" TUBE**

Suitable for one or two riders and carries four padded grab handles. 840 Denier PU coated Nylon Cover. Qik-Link towing harness. Spare tube, code 453-1.

Code	Diameter cm
453	140



**"RPM" TUBE**

Suitable for two or three riders and carries multiple grab handles. 840 Denier PU coated Nylon Cover

Code	Diameter cm
463	175



**NEW**

**"COMBAT" TUBE**

Get into the combat arena and throw down some serious twist & tumble fun ! Built tough in black and camo livery.

Code	Diameter cm
506	137



**"MONTE CARLO" TUBE**

Suitable for up to four riders and carries multiple grab handles.

Code	Diameter cm
455	206

▶ Full range of lifejackets for water-sports is available.





**“SKY RIDER” TUBE**  
Suitable for one rider and carries four grab handles.

Code	Dimensions cm
485	120 x 110



**“2 XTREM” TUBE**  
Suitable for two or three riders and carries multiple grab handles. 840 Denier PU coated Nylon Cover.

Code	Dimensions cm
462	200 x 200



**“RACE & RALLY” TUBE**  
Suitable for two riders and carries four padded grab handles. 840 Denier PU coated Nylon Cover.

Code	Dimensions cm
460	210 x 145



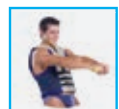
**“SLING SHOT” TUBE**  
Suitable for one or two riders and carries four padded grab handles. 840 Denier PU coated Nylon Cover. Spare tube, code 3444.

Code	Dimensions cm
3444 - 1	150 x 150



**Code 1184**  
**FOOT PUMP PROFESSIONAL**  
It has double chamber of low and high volume. Suitable even for big dinghies. Max. pressure 1,0 bar (14,7 psi).

▶ Full range of lifejackets for water-sports is available.





**Code 1238**  
**BRAVO 6 DOUBLE**  
**ACTION HAND PUMP**  
 Made of ABS.  
 Capacity 2x2.500 cc.  
 Pressure up to 0,6 bar (8,7 psi)



**“BATTLE CHARIOT” TUBE**  
 Suitable for one or two riders,  
 with four padded grab handles.  
 840 Denier PU coated Nylon  
 Covers.

Code	Dimensions cm
<b>461</b>	180 x 150



**Code 1148 - 1**  
**ELECTRIC PUMP MB 80/12C**  
 12V - 80Mbar 700l/min.  
 Available with adaptor suitable for all type  
 of valves. Light, not bulky, suitable for inflat-  
 able boats.



**“HELL BENT” TUBE**  
 Suitable for one or two riders.  
 Carries eight grab handles.

Code	Diameter cm
<b>456</b>	173



**Code 1148**  
**MB 50/12 C**  
**ELECTRIC PUMP**  
 Connection with battery.




**“HELL RAISER” TUBE**  
 Suitable for two or three riders  
 and carries multiple grab handles.

Code	Diameter cm
<b>458</b>	204



 2086-1



2086-2 



2086-1R 



2086-2Y 



### PATHFINDER INFLATABLE KAYAKS

Pathfinder inflatable kayaks have been manufactured with simplicity and great fun in mind. They are light, practical and easy to carry with their carrying bag. Ideal for amateur users. Rigid construction, designed to be stable while cruising. The kayak is consisted of 3 air chambers and three layers of material. One layer of heavy gauge PVC, the next layer is polyester mesh and another layer of heavy gauge PVC. They come with a carrying bag, one or two paddles and one foot pump.

Code	Dimensions Inflated cm	Air Chambers	Max Weight kg	Persons	Pump	Oars cm	Gross Weight kg	Color
2086 - 1	L 300 X W 90	3	105	1	2000 cc	221	14, 1	White -Blue
2086 - 2	L 400 X W 90	3	170	2	2000 cc	221	19	
2086 - 1R	L 300 X W 90	3	105	1	2000 cc	221	14, 1	Red - White
2086-2Y	L380 x W 86	3	170	2	2000 cc	221	19	Yellow

Code 2981: inflation Deflation valve for the kayaks code 2086\*

Code 2086-20: Valve key for Kayaks code 2086\*

Code: 2086-21: Fin/Flap or Kayaks code 2086\*





**KAYAK SUNSHINE FOR ONE PERSON**

It's stable and comfortable, yet very fast for its length. The large cockpit makes it easy to carry all kinds of gear, from fishing equipment to picnic hampers. The rear deck bungee allows you to clip odds and ends onto the deck for easy access on the fly, and the ergonomic handles make it comfortable to carry. Made of HDPE with UV resistance.

Code	Dimensions cm	Weight Kg
4005-1	L 300 x W 77 x H 27	20

▶ Full range of lifejackets for watersports and paddles for canoe-kayak is available



**NEW**

**KAYAK KINGFISHER FOR ONE PERSON**

It's stable, comfortable and very fast. The rear deck bungee allows you to clip odds for easy access on the fly. The ergonomic handles make it comfortable to carry. Made of HDPE with UV resistance.

Code	Dimensions cm	Weight Kg
4005	L 286x W 79 x H 28	21



**NEW**

**KAYAK HELEN FOR ONE PERSON**

It's stable, comfortable and very fast. The rear deck bungee allows you to clip odds for easy access on the fly. The ergonomic handles make it comfortable to carry. Made of HDPE with UV resistance.

Code	Dimensions cm	Weight Kg
4005-2	L 291x W 81 x H 30	22



**NEW** 

**KAYAK NOAH FOR TWO ADULTS & 1 KID**

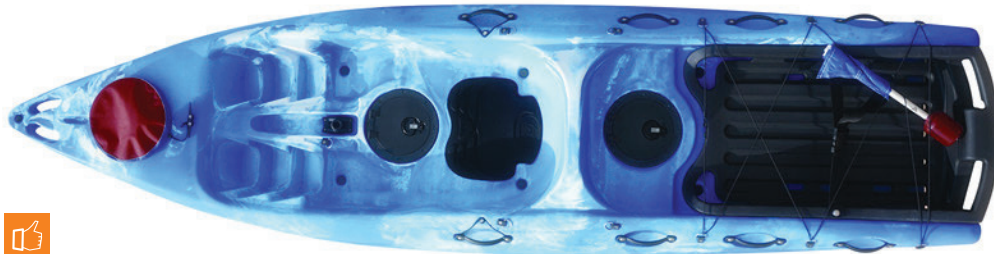
Its advantages are the stability, versatility and comfort. At the back and at the front it is possible to clip various objects for easy access on the fly. It can be paddled solo or tandem. Fits two adults plus a small child or pet. The ergonomic handles make it comfortable to carry. Made of HDPE with UV resistance.

Code	Dimensions cm	Weight Kg
4005-3	L 370x W 85 x H 35	32



**Code 1774**  
**BACKREST KAYAK**  
for code 4005.





**NEW** 

**DIVING KAYAK FOR ONE PERSON**

This dive kayak is the patented solution for all divers. It has a unique drop down shelf for air tank removal and includes an anchor for securing the craft whilst on dives. Always with safety in mind this craft comes complete with an international dive flag to ensure that you are visible as possible at all times. Features also include 2'bucket' hatches which not only keep your belongings dry but can also be locked with a padlock when you are away from your boat (not included), the 'bucket' style of the hatches means that even with a hatch open and rogue wave you will not flood the boat. This version also includes a Polycarbonate port hole, this allows you to have your very own "Glass bottom boat" so you can see below before deciding to make your dive. Also provided are a number of handles in order to make it as easy as possible to get back into the boat after a dive. Made from a robust roto-moulded polyethylene this product is built to last.



Code	Dimensions cm	Weight Kg
4005-4	L 332 x W 85 x H 35	42



**NEW**

**CANOE DOUBLE**

Canoe made of durable pre-colored polyethylene (LMDPE) that is unsinkable. Due to its raw material it has high shock resistance and long duration of life. Easy to carry. 10-year guarantee.

Code	Type	Dimension cm	Weight Kg	Buoyancy	Gross Weight
4041	For 2 person	L 390 x W 100 x H 40	40	400 lt	14 (kgs)



**NEW**

**CANOE**

Canoe made of durable pre-colored polyethylene (LMDPE) that is unsinkable. Due to its raw material it has high shock resistance and long duration of life. Easy to carry. 10-year guarantee.

Code	Type	Dimension cm	Weight Kg	Buoyancy	Gross Weight
4040	For 1 person	L 300 x W 100 x H 30	27	250 lt	14 (kgs)



**NEW**

**KAYAK LIBERTY THREE SEAT**

The 3 seat open canoe due to its length and beam is an exceptionally sturdy craft. That coupled with the 3 layer Polyethylene hull which not only eliminates the need for flotation devices within the boat but massively increase the strength of the hull provide a list of specifications normally found on canoes twice the price. Ideal for family trips or expeditions this canoe is the perfect companion. Made from a robust 3 layer roto-moulded polyethylene this product is built to last.

Code	Dimensions cm	Weight Kg
4005-5	L 486 x W 97 x H 46	45

**NEW**



**KAYAK CART / BOAT TROLLEY**

Folding kayak cart/boat trolley with soft foam bumpers to protect your boat hull. It is made of heavy duty, collapsible aluminum frame that is marine grade anodized after fabrication. With double kickstands for easy boat loading and 2- Cam Buckle Tie-Down Straps.

Code	Capacity Kg
2935	100



**NEW**



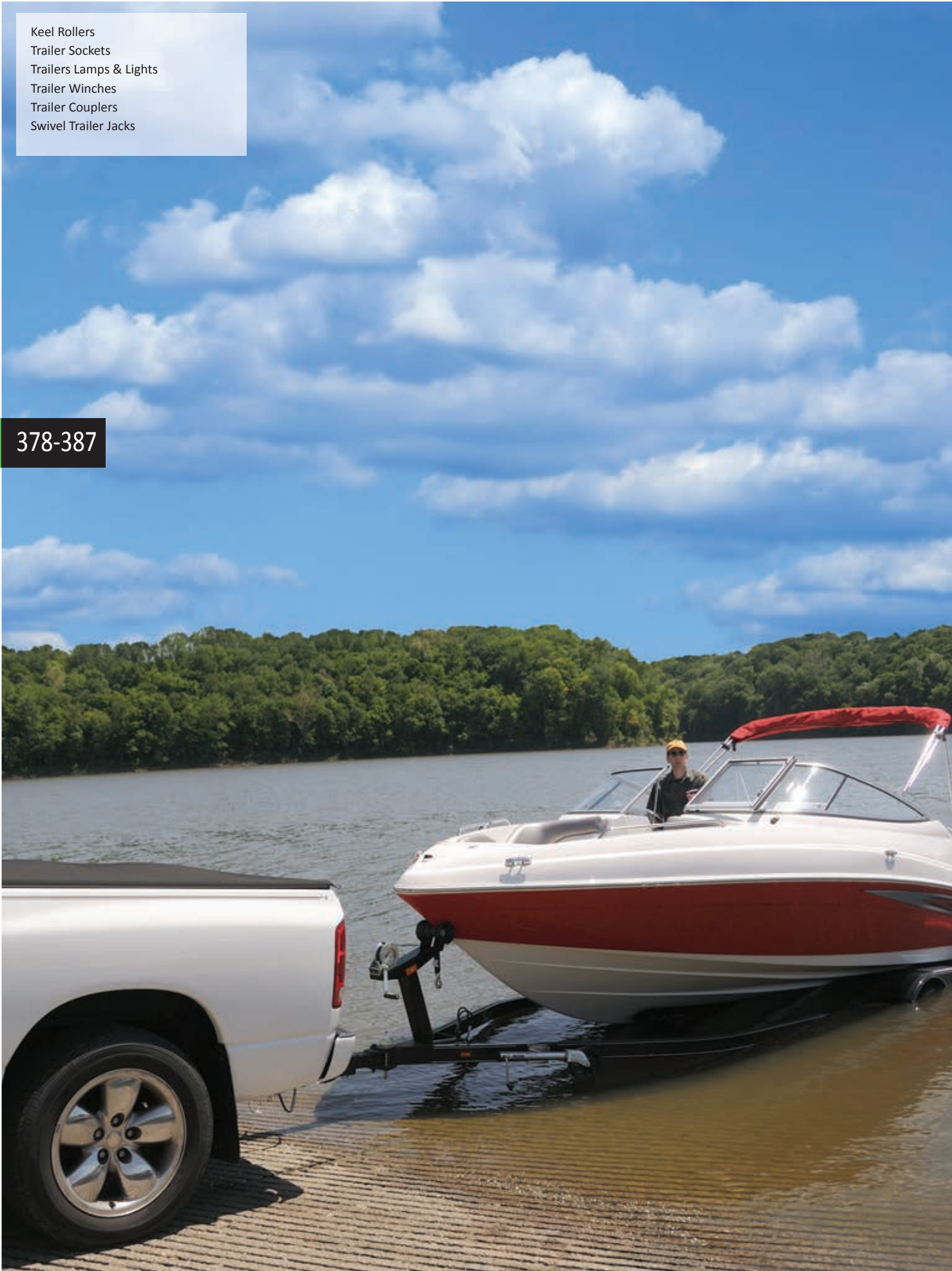
**Code 4650 KAYAK CAR-TOP CARRIER KIT**

A simple, convenient kit for carrying a kayak on car top. Includes four supporting foam blocks that snap on boat's gunwale and help prevent scratches on car top. Two straps with adjusting buckles and clips. Includes 20' of polypropylene rope and S-hooks to secure bow and stern to bumpers. Straps are sturdy poly web with vinyl-coated clips.

# TRAILER EQUIPMENT

- Keel Rollers
- Trailer Sockets
- Trailers Lamps & Lights
- Trailer Winches
- Trailer Couplers
- Swivel Trailer Jacks

378-387





**HEAVY DUTY ELECTRICAL WINCH 12V**

Allows you to launce and retrieve your boat just by remote controller. It has cable guide to prevent cable snarls. Weather resistant with 8 feet/min line speed. It also has circuit breaker 20 A, 9 meters steel wire cable Ø 5 mm and 3 meters remote control cord. Has a hook up.

Code	Maximum Pull Kg	Motor Power W/HP	Speed m/min	Supply	Cable Dimensions	Trailer Dimensions cm	Weight Kg
1538	2721	240/0,32	2,44	12V DC/20A	L 9m / Ø 5mm	L26 x W21,5 x H19	13



**ELECTRIC TRAILER WINCH 12V**

Easy to use due to a remote control, easy to carry due to its grip. Durable case that resists corrosion. The stainless steel cable ends at a safety hook 3/4". The electric trailer comes with a holding bracjet, battery connection cables, wired remote control and manual operation switch. Optional with wireless remote control (code 1538-2).

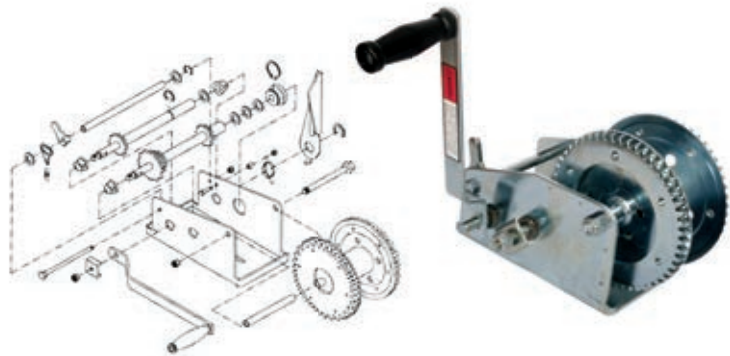
Code	Maximum Pull Kg	Motor Power W/HP	Speed m/min	Supply	S. Steel Cable Dimensions	Trailer Dimensions cm	Weight Kg
1538-1	300	370 / 0,5	2,7	12V DC / 40A	L 9 m / Ø 5mm	L 26,1 x W 24,5 x H 19,1	10

EVAl's trailer winches feature ergonomic handle and gear connection to help the user in lifting the boat onto the trailer. They are made of high quality material with special treatment of anticorrosion coating for durability.

**HAND TRAILER WINCH**

Galvanized. With electrostatic discharge coating for rust resistance. Dual speed mechanism with two gears positioning.

Code	Max lift Lbs / kg	Gear ratio
1490-25	2500 / 1100	5 : 1 / 12 : 1
1490-37	3700 / 1684	5,1 : 1 / 12 : 1



**TRAILER WINCHES**

Hand galvanized trailer winches with electrostatic discharge coating for better rust resistance.

Code	Max lift Lbs / kg	Breaking load kg	Gear ratio
1611-10	1000 / 450	675	4.1 : 1
1611-14	1400 / 600	900	4 : 1
1611-25	2500 / 1100	1650	4 : 1/8 : 1



1611-10  
1611-14



1611-20  
1611-25

**TRAILER WINCH**

Positive load-actuated brake can hold the load in any position. Compact, light-weight and rugged construction. Gears and brake are fully covered to prevent dust, dirt, and rain contamination. Very low operator effort is required for easy operation. Universal mounting base. Baked enamel paint finish for corrosion protection.



Code	Pulling Capacity Kg	Lifting Capacity Kg	Gear Ratio	Hub Diameter mm	Handle Length mm	Unit Weight kg	Cable Diameter mm	Cable Storage Capacity m
1633-08	360	180	4,1 : 1	40	160	3	4	36
1633-12	550	275	4,1 : 1	50	210	3,3	4,8	23
1633-18	800	400	5 : 1	70	320	8	6,4	24
1633-26	1180	590	10 : 1	80	320	10,3	8	18



**POLYESTER STRAP WITH GALVANISED HOOK FOR TRAILER**

Code	Dimensions m / mm	Max. load kg
1495-4	L 4,5 x W 50	2000
1495-6	L 6 x W 50	2000
1495-7	L 7,5 x W 50	2000
4719-4	L 4,5 x W 50	4000
4719-6	L 6 x W 50	4000
4719-7	L 7,5 x W 50	4000



**FITTINGS FOR HAND WINLASSES**

For codes	Code	Code	Code
Winch	Handle	Spring	Safety catch
1490-25	2294	2290-25	2289
1490-37	2297	2290-37	2278

TRAILER EQUIPMENT



**TRAILER COUPLERS (HEAVY DUTY)**

Galvanized. Square. Made in EU.

Code	Shaft connection mm	Capacity Kg
1497-60	60	1500
1497-70	70	1500



**TRAILER COUPLERS**

Galvanized. Square. Made in EU.

Code	Shaft connection mm	Capacity Kg
1498-50	50	800
1498-60	60	800



**TRAILER COUPLERS**

Galvanized. Round. Made in EU.

Code	Shaft connection mm	Capacity Kg
1499	60	800
1500	70	800



**Code 1514**

**SAFETY DEVICE**

Safety device suitable for securing the trailer. It is combined with trailer couplers with code 1497-60, 1497-70, 1498-50, 1498-60, 1499, 1500, 4331-3.



**Code 1514-1**  
**Key device**

L 20 mm x D 20 mm  
For codes 1497-60, 1497-70, 4331-3.



**TRAILER COUPLERS**

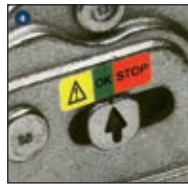
Galvanized. Square.

Code	Shaft connection mm	Capacity Kg
1501-80	76	1600



**Code 4331-2  
ANTITHEFT DEVICE**

- Protects against unauthorized connection.
- Protects against unauthorized disconnection.
- Protects against removal of trailer ball coupling
- Can be used as additional protection during travel.
- Very simple to operate.



**Code 4331-3  
TRAILER COUPLERS (HEAVY DUTY)**

Galvanized. Made in EU. EC-approval No. 00-0640 e 1. One type to cover all sizes of shafts, by 35 to 51 mm. Big handle, by which, all operations are covered (lock-release).

Code	Shaft connection mm	Capacity Kg
4331-3	35 up to 51	3000



**Code 1516  
SAFETY BALL FOR BALL COUPLING**  
Made in EU.



**GOOSENECK HITCH BALL**

Code	Ball diameter mm
1503-1	50



**SHORT HITCH BALL**

Code	Ball diameter mm	Tube diameter mm	Height cm
1503	50	22	13



**Code 1506  
TRAILER BALL COVER**  
For ball  
Ø 50mm



**Code 3750  
PROTECTIVE SMALL CUP**  
Ø 75 mm



**Code 1505  
ROLLER COVER**



**BRACKET FOR THE WHEEL TRANSPORTATION**

Code	Diameter mm
3342	12,7

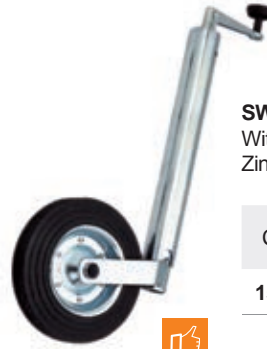


**Code 3340  
BRACKET FOR WHEEL TRANSPORTATION**  
For trailer with dimensions 76 x 100 mm



**SWIVEL TRAILER JACK**  
With metallic rim and inflatable wheel.  
Zinc Plated.

Code	Load kg	Tube Ø / mm	Wheel mm
1508-3	150	48	250 x 85



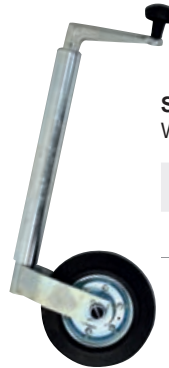
**SWIVEL TRAILER JACK**  
With metallic rim and rubber wheel.  
Zinc Plated.

Code	Load kg	Tube Ø / mm	Wheel mm
1507-5	150	48	200 x 50



**SWIVEL TRAILER JACK**  
With plastic rim and solid rubber wheel.  
Zinc Plated.

Code	Load kg	Tube Ø / mm	Wheel mm
1507-4	150	48	200 x 50



**SWIVEL TRAILER JACK**  
With rubber wheel metal rim

Code	Load kg	Tube Ø / mm	Wheel mm
1509-1	136	35	160 x 40

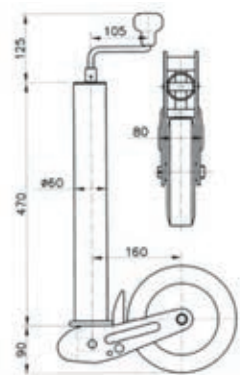


**NEW**

**SWIVEL TRAILER JACK**  
With plastic rim and solid rubber wheel. Zinc Plated.

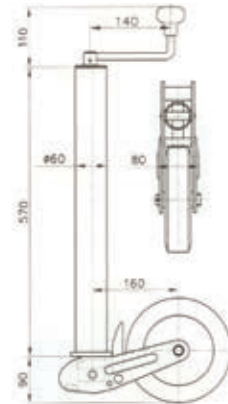
Code	Load kg	Tube Ø / mm	Wheel mm
1509-2	75	35	160 x 40

TRAILER EQUIPMENT



**SWIVEL TRAILER JACK**  
With metallic rim, solid rubber wheel and welded bracket.  
Zinc Plated. Made in EU.

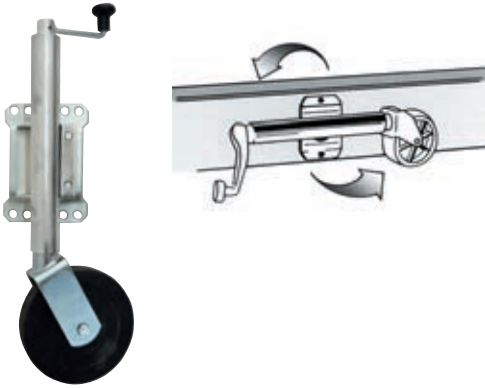
Code	Load kg	Tube Ø / mm	Wheel mm	Weight kg
1526	250	60	200 x 60	11,23



**SWIVEL TRAILER JACK AUTOMATIC**  
With metallic rim and solid rubber wheel. Zinc Plated. Made in EU.

Code	Load kg	Tube Ø / mm	Wheel mm	Weight kg
1554	250	60	225 x 70	11,97

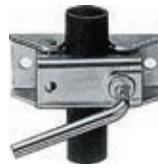




**SWIVEL TRAILER JACK**

With solid rubber wheel and mounted bracket. Zinc Plated.

Code	Load kg	Tube Ø / mm	Wheel mm
1507-3	360	48	200 x 50



**BRACKET FOR TRAILER WHEEL**

For the swivel trailer jack 1509-1. Made in EU.

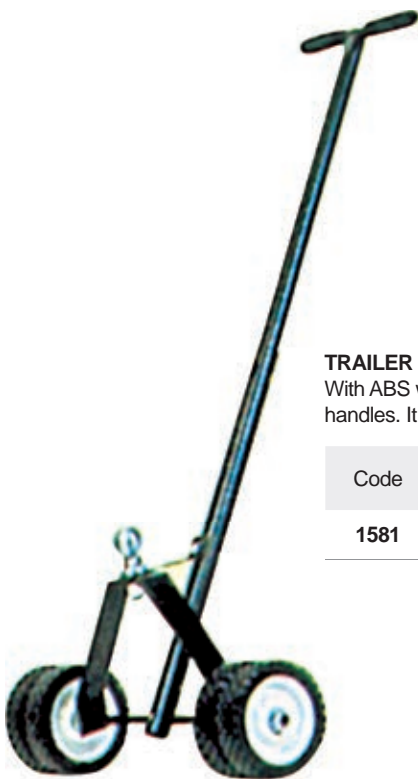
Code	Diameter mm
1510-1	35



**BRACKET FOR TRAILER WHEEL**

For the swivel trailer jack 1508-3, 1507-4, 1507-5. Made in EU.

Code	Diameter mm
1510	48



**TRAILER DOLLY**

With ABS wheels and plastic handles. It breaks down for storage.

Code	Length mm
1581	115



**RUBBER BOAT CARRIERS**

With stainless steel pipe and rubber wheels Ø 36 cm.

Code	Dimensions tube mm	Wheel Ø cm	Wheel Width cm	Total Height cm
1183	40 x 40	36	10	79

\*Spare wheel is available with code 1183-1



**TRANSFER TROLLEY FOR SMALL BOATS**

With unique adjustable transom clamps which can hold small boats upside down to roll away for storage or landing.

Code	Trolley Dimensions cm	Wheel Dimensions cm
2113	W (with wheels) 42, W (without wheels) 23 x H 42	Ø 16,5 x W 8



**TROLLEY FOR FRONT TRANSPORT OF RUBBER BOATS**

Fastening on front handle. Minimum overall dimension because it is folding. Provided with two rubber inflatable wheels and manufactured in zinc coated steel pipe.



Code	Ø wheels mm	Width mm	Weight Kg
2213	260	80	8



**TRAILER FENDER**

Code	Dimensions cm
3748-1	L 68 x W 20
3748-2	L 78 x W 22



**SOLID WHEEL**  
Made in EU.

Code	Dimensions mm	Hub Ø / mm
1511	200 x 50	20



**INFLATABLE WHEEL**  
Made in EU.

Code	Dimensions mm	Hub Ø / mm
1512	260 x 85	20



**IRON PLATE HOLDER**

Code	External Width mm	Internal Width mm	Height mm
1235	70	55	140



**SIDE TRAILER BRACKET FOR ROLLERS**

Code	Dimensions mm	Shaft diameter
3545-40	L 400 x H 100	16mm
3545-31	L 310 x H 120	16mm



**Code 1559**  
**METALLIC TRAILER SOCKET**  
7 PIN, female. Made in EU.



**Code 1558**  
**METALLIC TRAILER PLUG**  
7 PIN, male. Made in EU.



**PINS**

Code	Length cm	Diameter mm
1549	15,5	16
1551	23,5	18



**Code 1539**  
**PLASTIC TRAILER SOCKET**  
7 PIN, female. Made in EU.



**TRAILER BRACKET FOR KEEL ROLLER**

Code	Dimensions cm	Diameter mm
1548	L 12,3	17
1550	L 19,2	19



**Code 1540**  
**PLASTIC TRAILER PLUG**  
7 PIN, male. Made in EU.



**KEEL ROLLERS**

Code	Dimensions mm	Hub diameter mm
<b>1513 - Black</b>	190 x 95	21
<b>1513 - White</b>		
<b>1515 - Black</b>	110 x 100	17
<b>1515 - White</b>		
<b>1517 - Black</b>	115 x 75	17
<b>1517 - White</b>		
<b>1519 - Black</b>	115 x 85	17
<b>1519 - White</b>		
<b>1521 - Black</b>	120 x 80	17
<b>1521 - White</b>		



**TRAILER ROLLER**

Code	Dimensions mm	Hub diam. mm
<b>3440 - White</b>	130 x 79	20



**WOBBLE TRAILER ROLLER**

Code	Dimen. mm	Hub diam. mm	Color
<b>4647-GR</b>	110 x 73	22	Grey
<b>4647-RD</b>	110 x 73	22	Red



**SIDE TRAILER ROLLER**

Code	Dimensions mm	Hub diam. mm
<b>1523 - Black</b>	105 x 50	17
<b>1523 - White</b>		



**KEEL ROLLERS**

Code	Dimensions mm	Hub diam. mm
<b>1535 - White</b>	78 x 75	14



**Code 3749-W**  
**STERN ROLLER**  
**WHITE**  
L 14cm



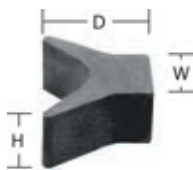
**SIDE ROLLER**

Code	Dimensions mm	Hub diam. mm
<b>1536 - White</b>	90 x 60	17
<b>1537 - White</b>	105 x 85	17



**SIDE TRAILER ROLLER**

Code	Dimensions mm	Hub diam. mm
<b>1533 - Black</b>	110 x 68	17
<b>1533 - White</b>		
<b>1533 - Orange</b>		



**BOW STOP**

Code	Dimensions mm	Hole diameter mm
<b>4651-1</b>	W 53,97 x D 82,55 x H 53,97	12,7
<b>4651-2</b>	W 63,50 x D 88,90 x H 50,80	12,7
<b>4651-3</b>	W 76,20 x D 95,25 x H 79,37	12,7



**SIDE TRAILER ROLLER**

Tube.

Code	Dimensions mm	Hub diameter mm
<b>1525 - Black</b>	70 x 70	17
<b>1527 - Black</b>	70 x 90	17
<b>1527 - White</b>		
<b>1531 - Black</b>	190 x 60	17
<b>1531 - White</b>		



**TRAILER BOARD**

PVC board complete with lights, bulbs, reflectors, wire 8 m and 7 pin plastic plug. Available spare glass with code **1547-1**.

Code	Dimensions mm
<b>1547</b>	L 1375 x W 140



**TRAILER BOARD**

Board complete with lights, bulbs, reflectors and wire 4, meters with plastic plug 7 pin. Made in EU.

Code	Dimensions mm
<b>3578-2</b>	L 1050 x W 145



**TRAILER BOARD WITH LED**

Trailer board of plastic bar with LED lights and 5 meters central cable. LEFT/RIGHT light: position, stop, direction, matriculation plate and reflecting triangles. With 7 poles of plug and socket.

Code	Dimensions mm
<b>1563</b>	L 1200 x W 140



**VERTICAL MAGNETIC TRAILER LIGHTING KIT**

With two rear lights, bulbs, magnets, 7,5 m wire and 7 pin plug. Made in EU.

Code	Dimensions mm
<b>1596-1</b>	55 x 38 x 32



**Code 1546-2**

**TRAILER TAIL HARNESS WITH WIRE AND LED LAMPS**

Three function 72 Leds lamp: Stop-tail-position. Waterproof, submersible, 80.000 hours life span. With 7,5 m wire and 7 pin plug.

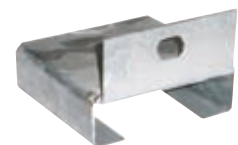


**Code 1596-2**

**TRAILER TAIL HARNESS WITH WIRE AND LED**

Waterproof trailer tail harness with wire and magnetic led lights for easy mounting. Each light has 10 LED on the front side and 4 LED on the side for lighting the license plate. With wire 7,5 meters.

It incorporates 5 functions: Rear position/ Direction indicator/Break/License Plate light/ Reflector.



**BASE FOR MAGNETIC TRAILER LIGHTING KIT**

For codes **1596-1** and **1600**.

Code	Dimensions cm
<b>3151</b>	L 10 x W 8,5



**Code 1546-1**  
**SQUARE REAR LAMP**  
 Position, stop, indicator, number plate light, complete with bulbs, wire 7,5 m and socket for quick connection. Made in EU.



**Code 1546-3**  
**TRAILER TAIL HARNESS WITH WIRE AND LED LAMPS**  
 Led lamp for three function: Stop-tail-position. Waterproof, submersible, 80,000 hours life span. With 7,5 m wire and 7 pin plug.



**Code 1546**  
**BASE SET**  
**GALVANIZED**  
 For code 1546-1, 1534, 1470, 1546-2.



**MAGNETIC SQUARE REAR LAMP**  
 Position, stop, indicator, number plate light, complet with bulbs. Made in EU.

Code	Dimensions mm
1600	108 x 103



**REAR SQUARE LIGHT**  
 Three functions: stop - tail - position.  
 Lamps: 2 x 21 W bipolar and 1 x 5 W tube.  
 Available with spare glass code 1534-1.

Code	Dimensions mm
1534	100 x 95 x 50



**REAR LAMPS SQUARE (pair)**  
 Two function - Stop and tail.

Code	Dimensions mm
1542	80 x 158



**REAR LED LAMP**  
 Three functions: Stop - tail - position. Waterproof, submersible with 72 Leds and 80,000 hours life span.

Code	Dimensions mm
1470	110 x 105



**REAR LED LAMP**  
 Waterproof trailer light with 14 LED (10LED on the front and 4 LED on the side for the license plate). Transparent lens and red reflector. With 5pin connector style

Code	Dimensions mm
1470-1	110 x 99



**REAR LED LAMP**  
 Three functions: Stop - tail - position. Waterproof, submersible with 72 Leds and 80,000 hours life span.

Code	Dimensions mm
1481	180 x 90

## BELTS & BUCKLES

Rings  
Hooks  
Polypropylene Belts  
Cam Buckles  
Ratchet Buckles  
Polyester Cargo  
Lashing  
Belts With Ratchet  
Trailer Straps

388-392

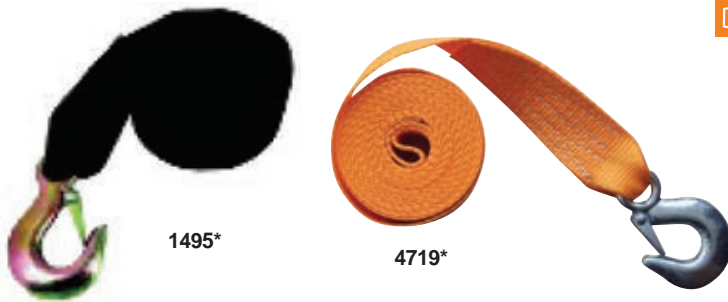




**POLYESTER TIE-DOWN BELT WITH RATCHET**

100% high tenacity polyester of lashing webbing

Code	Maximum load kg		Dimensions	
	Horizontal position	With angles	Length m	Width mm
431	250	500	4,5	25
3614	250	500	6	25
428	500	1000	6	50
3622	1000	2000	6	35
3623	2000	4000	8	50
3631	5000	10000	8	75



**POLYESTER STRAP WITH GALVANISED HOOK FOR TRAILER**

Code	Dimensions m / mm	Max. load kg
1495-4	L 4,5 x W 50	2000
1495-6	L 6 x W 50	2000
1495-7	L 7,5 x W 50	2000
4719-4	L 4,5 x W 50	4000
4719-6	L 6,5 x W 50	4000
4719-7	L 7,5 x W 50	4000



**A PAIR OF BELTS WITH STAINLESS STEEL BUCKLE**

Code	Dimensions m / mm
430	L 2,3 x 25



**REINFORCED BELT WITH STAINLESS STEEL RATCHET**

Breaking load 500 kg.

Code	Dimensions m / mm
429-12	L 1,2 x W 25
429-45	L 4,5 x W 25



**POLYESTRE LASHING WEBBING "HEAVY DUTY"**  
Durable reinforced webbing with UV.

Code	Width mm	Breaking strength kg	Color
411-B	25	1500	Blue
414-B	50	5000	Blue
414-Y	50	5000	Yellow



**WEBBING BELT**

It is combined with code 3005\*.  
Polyester webbing belt with UV, suitable for sea conditions.

Code	Webbing dimensions Width mm x Length m	Breaking Load Kg
3006-1	25mm x 30m	2000
3006-2	25mm x 50m	2000
3006-3	30mm x 30m	4000
3006-4	35mm x 50m	4000



422-25B



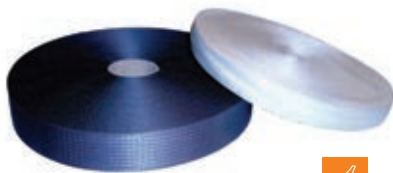
422-40

**POLYESTER WEBBING**

Code	Width mm	Thickness mm	Weight gr/m	Tensile Strength	Color
422-25B	25	2	50	>2500 Kg	Black
422-40	40	1,4	52	>2000 Kg	Black
422-50B	50	1,5	69	>3000 kg	Black



422-50B



**POLYESTER BELTS FOR LIGHT USE**

L: 50 m.

Code	Width mm	Color
422-25	25	White
422-30	30	White



**POLYPROPYLENE BELTS**

Colors blue or black. L: 50 m.

Code	Width mm	Color
418-20	20	Blue
418-30	30	
418-40	40	
418-50	50	Black





**STAINLESS STEEL RATCHET BUCKLE**  
Breaking strength 800 kg.

Code	Width mm
420	25



**RATCHET BUCKLE GALVANIZED**  
Breaking strength 800 kg.

Code	Width mm
419	25



**RATCHET BUCKLE GALVANIZED**  
Breaking strength 2000 kg.

Code	Width mm
423	35



**RATCHET BUCKLE GALVANIZED**  
Breaking strength 5000 kg.

Code	Width mm
437	50



**GALVANIZED HOOK**  
For high tenacity belt.

Code	Width mm
1495	60



**WIRE HOOK GALVANIZED**  
Breaking strength 5000 kg.

Code	Width mm
210	50



**WIRE HOOK GALVANIZED**  
Breaking strength 1350 kg.

Code	Width mm
207	25



**WIRE HOOK GALVANIZED**  
Breaking strength 1100 kg.

Code	Width mm
209	50



**FLAT HOOK GALVANIZED**  
Breaking strength 1250 kg.

Code	Width mm
211	25



**FLAT HOOK GALVANIZED**  
Breaking strength 3000 kg.

Code	Width mm
212	50



**FLAT HOOK GALVANIZED**  
Breaking strength 5000 kg.

Code	Width mm
214	50



**SAFETY LINE HOOK**  
Stainless steel and approved according to EN ISO 9227.

Κωδικός	Breaking Load kg
3195	1500



**INOX HOOK**

Code	For webbing of width mm
734	28



**RING GALVANIZED**  
Breaking strength 6000 kg.

Code	Width mm
315	52



**RING TYPE "D" GALVANIZED**

Code	Thickness mm	Dimensions mm
314-26	6	26 x 33
314-52	9	52 x 43



**CAM BUCKLE GALVANIZED**  
Breaking strength 700 kg.

Code	Width mm
417	25



**STAINLESS STEEL CAM BUCKLE**

Breaking strength 300 kg.

Code	Width mm
439	25



**BUCKLE WITH INOX FOOT LIGHT**

Code	For belt
704-40	40 mm



**INOX BUCKLE WITH SPRING STOP**

Code	For belt
722-25	25 mm



**INOX BUCKLE**

Code	For belt
707-25	25 mm
707-50	50 mm



**PLASTIC BUCKLE**

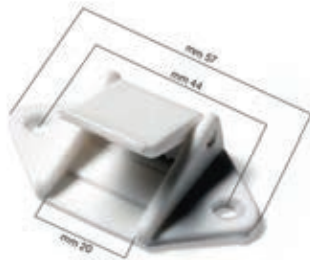
Code	For Belt
435	25 mm
493 - B	40 mm
494 - 50	50 mm



**BUCKLE**

Stainless steel, antimagnetic, pair.

Code	For Webbing of Width	Thickness mm
424-50	50 mm	2,5
424-40	40 mm	2,5



**BUCKLE PLASTIC**

Code	For Belt	Color
733	20 mm	White



**PLASTIC BUCKLE**

Code	For belt mm
426	25



**HEAVY DUTY MARINE BUCKLE**

EN ISO 12402 approved.

Designed to meet even demanding requirements of SOLAS for use on inherently buoyant and inflatable lifejackets

Code	For Belt Width mm	Breaking Load
123-40	40	> 326 kg



**PLASTIC BUCKLE FOR LIFEJACKETS**

Code	For belt mm
618-30	30
618-40	40



**BELT BUCKLE**

Black Belt buckle made of POM with UV

Code	For Belt Width mm
425	30

# BOAT ACCESSORIES

Blocks - Cam cleats

393-398



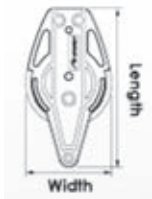


**BLOCKS**

**FINMAX** is specializing in the production of blocks, customized for sailing.

**SPEED HARD and SPIRIT SPEED** series is durable and consists the simple line of blocks of the company and it does not bear ball.

**WIN SPEED BALL BEARING** series block are ultra lightweight, highly working load and low friction. The high strength sideplates are stiff glass fiber/polyamide to provide top performance of working load. The excellent weather ability protects blocks from breaking down under any sailing conditions. The stiff glass reinforced nylon composite is stronger and lighter than classic metal ones. The exclusive engineering plastic composite ball bearing provides sheave with good rotation and less friction. Block with beautiful design and simple in use.



**SPEED HARD SERIES**

Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4995	Single Block	55	36	400	800	0.05	35	3~8
4996		78	51	700	1400	0.12	50	6~12



4995/4996  
Single

Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4997	Single Block With Becket	71	36	400	800	0.06	35	3~8
4911		100	51	700	1400	0.14	50	6~12



4997/4911  
Single Block With Becket

Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4915	Fiddle Block	82	36	400	800	0.07	35	3~8
4916		117	51	700	1400	0.16	50	6~12



4915/4916  
Single/Fiddle Block

Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4917	Μονό/ Περιστρεφόμενο / Κιθάρα με Προέκταση	99	36	400	800	0.07	35	3~8
4918		139	51	700	1400	0.16	50	6~12



4917/4918 Single/  
Fiddle Block With Becket

Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4919	Μονό/ Περιστρεφόμενο / Φρένο/ Κιθάρα με Προέκταση	99	70	400	800	0.12	35	3~8
4976		139	51	700	1400	0.28	50	6~12



4919/4976  
Single/Fiddle Block With Becket and Cam Cleat



Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4977	Double Block	55	40	400	800	0.11	35	3~8
4978		78	51	700	1400	0.23	50	6~12



Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4979	Double Block With Becket	71	36	400	800	0.11	35	3~8
4980		100	51	700	1400	0.23	50	6~12



**SPIRIT SPEED SERIES**

Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4981	Single Block	63	38	400	800	0.07	35	3~8
4982		90	55	700	1400	0.17	50	6~12



Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4983	Single Block With Becket	83	38	400	800	0.08	35	3~8
4984		116	55	400	800	0.2	50	6~12



Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4985	Double Block	63	38	400	800	0.14	35	3~8
4986		90	55	400	800	0.31	50	6~12



Code	Description	Length mm	Width mm	Working Load Kg	Breaking Load Kg	Weight Kg	Sheave Ø mm	Rope Diameter mm
4987	Double Block With Becket	83	38	400	800	0.15	35	3~8
4988		116	55	700	1400	0.34	50	6~12



**WIN SPEED SERIES**

Code	Description	Length mm	Width mm
4989	<b>BALL BEARING Single Block</b>	58	40
4990	<b>BALL BEARING Single Block</b>	80	58



**4989/4990 BALL BEARING Single Block**



Code	Description	Length mm	Width mm
4991	<b>BALL BEARING Single Block With Becket</b>	74	40
4992	<b>BALL BEARING Single Block With Becket</b>	108	58



**BALL BEARING Single Block With Becket**



Code	Description	Length mm	Width mm
4993	<b>BALL BEARING Double Block With Becket</b>	74	40
4994	<b>BALL BEARING Double Block With Becket</b>	108	58



**BALL BEARING Double Block With Becket**



Code	Description	Length mm	Width mm
3434	<b>BALL BEARING Double Block</b>	58	40
3435	<b>BALL BEARING Double Block</b>	80	58



**BALL BEARING Double Block**



**CAM CLEATS**

FINMAX cleats are made of glass fiber reinforced nylon composite to provide strength and durability. The exclusively designed jaw is non-rope abrasive without shredding the rope.



3430



3431

Code	Description	Length mm	Width mm	Height mm	Working Load Kg	Breaking Load Kg	Weight Kg	Rope Diameter mm
3430	Cam Cleat	23	51	25	140	140	0.03	2~6
3431	Cam Cleat	29	75	30	180	180	0.05	4~10

Code	Description	Length mm	Width mm	Height mm	Rope Diameter mm
3432	Cam Cleat	84	22	27	4~8
3433	Cam Cleat	93	29	32	6~12



3432



3433



**BRASS BLOCK WITH SINGLE WHEEL**

Code	Dimensions mm	Rope diameter mm
1489	L 65 x W 20	8 - 10



**STAINLESS STEEL BLOCKS WITH DOUBLE WHEELS AND SWIVEL**

Code	Dimensions mm	Rope diameter mm	Breaking Load Kg
1476-25	L 103 x W 30 x D 12	8 - 10	2000
1476-32	L 116 x W 36 x D 12	10 - 12	2300
1476-50	L 150 x W 54 x D 15	12 - 14	3400



**STAINLESS STEEL BLOCKS WITH SINGLE WHEEL AND SWIVEL**

Code	Dimensions mm	Rope diameter mm	Breaking Load Kg
1479-25	L 83 x W 30 x D 12	8 - 10	1500
1479-32	L 96 x W 36 x D 12	10-12	1800
1479-50	L 130 x W 54 x D 15	12-14	3500

**INOX BLOCK WITH SINGLE NYLON WHEEL**



**NEW**

Code	Dimensions mm (height x width x thickness)	For rope diameter mm	Breaking Load Kg
1651-25	56 x 22 x 8	8	500 Kg
1651-35	85x 39 x 10	10	800 Kg



**STAINLESS STEEL BLOCKS WITH SINGLE NYLON WHEEL AND SWIVEL**

Code	Dimensions mm	Breaking Load Kg	For rope diameter mm
1484-25	L 288 x W 27 x D 13	500	8-10
1484-32	L 104 x W 35 x D 15	750	8-10
1484-50	L 143 x W 54 x D 20	1500	12-14



**STAINLESS STEEL BLOCK WITH SINGLE PLASTIC WHEEL AND FIXED PIN**

Code	Dimensions mm	For rope diameter mm
1483	L 45 x W 25 x D 7	6-8



**STAINLESS STEEL BLOCK WITH SINGLE PLASTIC WHEEL AND REMOVABLE PIN**

Code	Dimensions mm	For rope diameter mm
1482	L 50 x W 26,5 x D 7	6-8

**NEW**



**Code 939 SAIL REPAIR KIT**

Includes:  
 - 2 polyester thread reels  
 - 1 paraffin wax tablet - a pair of scissors  
 - 5 needles  
 - 2,5 meters of Dacron self-adhesive tape  
 - 1 sail-maker's palm - 1 square-piece of Dacron fabric - 1 splicing fid 10.285.70 - 1 puncher. All items provided in a plastic jar.



**SAIL-MAKER'S PALM**  
 Made of leather with reinforced metal, suitable for sewing or splicing.

**NEW**

Code	Type
858-1	Right hand
858-2	Left hand



**CABLES CUTTER, WITH RUBBER HANDLE**

Suitable for cutting steel cables and rods; ideal as work tools in the shop or in dockyards or as emergency tools for sail boats.

Code	Length mm	For S.S. cables up to mm
4583	480	10

**NEW**



**NEW**

**SPLICING TOOL, WITH WOODEN HANDLE**

Made of stainless steel with handle, suitable for splicing

Code	Length mm	Max Rope diameter mm
2381	180	12



**Code 4290 MAGIC ROPE CLIP**

Code	Diameter mm
4290-0	5
4290	6
4290-1	8



**ULTRASONIC WINDMETER**  
 Uses patented ultrasonic technology to read current wind speed, maximum headwind and tailwind, 5-second average and running average. Responds rapidly. Also measures

temperature and wind chill. Easy to use, easy to read thanks to its large lcd panel, simple to function and waterproof. Comes with adjustable wrist lanyard, velcro strap with mounting bracket and standard tripod mounting thread. Operates with a 3-volt lithium battery, lasting up to 600 hours.

Code	Dimensions cm	Weight gr
4405	L 12,6 x W 7,6 x H 1,9	100



**BOSUN'S SEAT**

Bosun's mast seat made of inner layer PVC. Complete with adjustable Stainless Steel buckles, tested belts and tool holder pockets.

Code	Type
3525-1	With webbing
3525-2	With webbing and pocket

401



404



404GRE

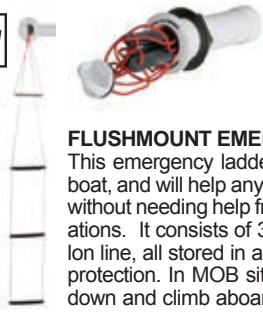


**CANISTER**

Made of special row material approved, polyethylene, antiexplosive. Includes flexible filler code 831.

Code	Capacity lt	Color	Type
814-22 WHITE	22	WHITE	FOR WATER

NEW



**FLUSHMOUNT EMERGENCY LADDER**

This emergency ladder can be fitted into the transom of the boat, and will help any crew member get back on board easily without needing help from anyone else. Suitable for MOB situations. It consists of 3 thermopolymer steps and braided nylon line, all stored in a tube with a watertight cap for optimum protection. In MOB situation remove the cap, pull the ladder down and climb aboard.. Watertight thermopolymer housing Ø 5,8 cm x L22,5 cm thru-hull fitting. Easy to flush mount.

Code	Steps	Dimensions cm
4481	3	L 110 x W 13,5

Code	Ø mm	Breaking load kg	Description	Features
401-08 BLUE	8	1.080	POLYESTER ROPE DOUBLE BRAID 16 SPINDLES EXCELLENT QUALITY FOR BOOM SHEET ON BOAT	<ul style="list-style-type: none"> <li>1.Sinking</li> <li>2.High toughness with limited elongation</li> <li>3.Plaited internal core</li> <li>4. Quite no permanent deformation</li> <li>5. Smooth texture</li> </ul> Color : Blue, Green, Red, Yellow
401-08 GREEN				
401-08 RED				
401-08 YELLOW				
401-10 BLUE	10	1.850		
401-10 GREEN				
401-10 RED				
401-10 YELLOW				
401-10 BLACK	12	2.740		
401-12 BLUE				
401-12 GREEN				
401-12 RED				
401-12 YELLOW	14	3.900		
401-12 BLACK				
401-14 BLUE				
401-14 GREEN				
401-14 RED	16	4.650		
401-14 YELLOW				
401-14 BLACK				
401-16 BLUE				
401-16 GREEN	4	180		
401-16 RED				
401-16 YELLOW				
401-16 BLACK				
404-04	6	630		
404-04BL				
404-04GRE				
404-04RD				
404-06	8	1.210		<ul style="list-style-type: none"> <li>1. Sinking</li> <li>2. High toughness with limited elongation</li> <li>3. Plaited internal core</li> <li>4. Quite no permanent deformation</li> <li>5. Smooth texture</li> </ul> Color : White with Red, White with Blue, White with Green
404-06BL				
404-06GRE				
404-06RD				
404-08	10	1.990		
404-08BL				
404-08GRE				
404-08RD				
404-10	12	3.110		
404-10BL				
404-10GRE				
404-10RD				
404-12	14	3.900		
404-12BL				
404-12GRE				
404-12RD				
404-14	16	5.000		
404-14BL				
404-14GRE				
404-14RD				
404-16				
404-16BL				
404-16GRE				
404-16RD				



# PRESERVATION MEANS

A person wearing a full-body white protective suit and a hood is using a spray gun to apply a substance to the hull of a boat. The boat is supported by a metal frame. The background shows a workshop or boatyard setting with various tools and equipment.

- Polyester Filler
- Cleaning Equipment
- Lubricants
- Motor Color Sprays
- Antifoulings
- Marine Paints
- Polyesters
- Polishing Products
- Cleaning Products
- Disinfection Products
- Anti-Rusting Products

399-420



**TREATING BOAT PROBLEMS USING BLUEMARINE PRODUCTS**

- The tubes of the inflatable boat have faded. What to do ?Use the New Magic (code.1169-3) that cleans and restores the color of the tubes
- What can I do to protect the tube of the inflatable boat from salt and sun ?Using the Silicon Cream (code.1169) it prevents the damage to the tube due to the above-mentioned causes.
- The boat's polyester surfaces have been turned yellow and have rust spots. What to do ? Using Laser Professional (kod.1783-2), the yellowing and the rust may cleaned effectively (disappear). In order to treat strong spots of yellowing and rust, use the Laser Gel Disincrostante (code1783-1). After using this cleaning product then rinse thoroughly with water.
- The stainless steel parts of the board have rust. What to do ?We use the Dech 10 (code 2679)
- Some of the metallic parts have rust. What we do?We use the Rust (code.2675) and after removing the rust, we use the Novoschutz (code 1170-1) to protect the surface.
- What to use for making the tents waterproof and to protect the leather seats? We use the Sky and leather (code 2732)
- What do we use to clean the bilges of the fatty oils and of other materials ?We use the SentiNew (code 3597-1)

## BOAT MAINTENANCE



Blue Marine

### POLISHING -REGENARATING FOR FIBERGLASS BOATS

#### EXTREME BIFASICO 1

WHAT IS IT: Regenerating protective polishing treatment for fiberglass boats.

WHAT IS IT FOR: Diphasic product to polish and protect boats from salt deposits, UV rays and atmospheric agents; Fast and simple work for a long time duration.

HOW TO USE: After washing the boat, taking care to remove grease and oil (Possibly using Forza 100 detergent deoxidizing dilute to 50%) brush it from the bottom to the top and strew it completely. Wait for 10/15 minutes, then wash with wet sponge and much water all the boat.

Code	Content
2682	1 Kg
2682 - 5	5 Kg



Blue Marine

### POLISHING -REGENARATING FOR FIBERGLASS EXTREME BIFASICO 2

WHAT IS IT: Regenerating protective polishing treatments for fiberglass boats.

WHAT IS IT FOR: Diphasic product to polish and protect boats from salt deposits, UV rays and atmospheric agents; fast and simple work for long time duration.

HOW TO USE: After treating the boat with Extreme 1 wait for it gets completely dry then using a soft cloth or cotton wool, spread the product with circular movements and a light pressure, taking care to apply it all over the boat, metal included. Let it dry for 5/10 minutes, then with clean and dry cotton wool, pass again all over the boat. The result will be bright, brilliant and renewed boat.

Code	Content
2683	500 gr
2683 - 5	5 Kg



Blue Marine

### CLEANER FOR INFLATABLE BOATS WITH SILICON NEW MAGIC

WHAT IS IT: it is a product specifically designed for the maintenance and restoration of any rubber boat.

WHAT IS IT FOR: it restores the original color of the rubber boat that has been damaged by ultraviolet rays and dried salt. It gets rid of any type of dirt. It can be used to prepare the sheet of the rubber boat for possible repairs, making permanent sticking easier. It gets rid of old wax and silicone.

HOW TO USE: spray the product on areas of 50 cm<sup>2</sup> per time, then pass a soft brush or a sponge over the area. Rinsing is not necessary.

Code	Content
1169 - 3	1 lt



Blue Marine

### POLISHING CREAM FOR INFLATABLE BOATS NEW GUM (CREAM)

WHAT IS IT FOR: it polishes and protect from ultraviolet rays any surface of rubber boats made of neoprene materials or PVC. It does not thicken and does not turn yellow.

HOW TO USE: spread NEW GUM by using a cloth, wait a few minutes then pass a cloth over. For a better result it is advisable to use the product after having treated the rubber boat with NEW MAGIC.

Code	Content
1169 - 1	450 ml
4299 - 5	5 Kg



Blue Marine

**BRILLO – SELF-POLISHING SHAMPOO WITH WAX FOR FIBERGLASS AND INFLATABLE BOATS**

Shampoo based on precious waxes, it gently cleans any boats surface, leaving a protective self-polishing coat of wax on treated surface; suitable for fibreglass boats and inflatable boats. Silicon and its derivatives free.

**DIRECTIONS FOR USE:** Use as a common shampoo, and dilute from 1% to 5 % with water.

Code	Content
3101	1 Kg



Blue Marine

**PROTECTIVE POLISHING FOR VTR AND SMOOTH SURFACES GUMEMP 100**

**DESCRIPTION :** Polymeric protective product designed to protect and polish any inflatable boats made of neoprene or PVC, fiberglass boats, surf boats, canoes and any kind of smooth surface. It creates a plastic film upon every treated surface that protects against salt, environment agents and UV rays.

**DESCRIPTION OF USE :** Spray the product evenly and wipe with a cloth moistened with the product, leave to dry. Wipe again with a clean dry cloth. Drying time will vary according to temperature. Any surface must be dry before use it to have the desired effect.

Code	Content
1169 - 2	750 ml
4300 - 5	5 Kg





**SILICON GEL**

Polymeric silicon containing product, ideal for use on inflatable boats.

**WHAT IT IS FOR:** Protects, preserves and shines the balloons of the inflatable boats, either they are made of PVC or Neoprene fabric, as also seats and sundecks made of leather. Protects by sun, salt, water and rain while shines at the same time.

**HOW TO USE :** after washing with fresh water, let dry and spray evenly. Pass thoroughly with a wet cloth and let totally dry. The result will be that the surface will soften, clear and a thin film will have been created. For the best possible result please do not touch until it is totally dry.

Code	Content
1169	500 ml



Blue Marine

**POLISHING-PLASTICIZING METALS-VTR NOVOSCHUTZ**

**WHAT IS IT FOR:** it polishes and plasticizes metals, VTR and painted faces.

**HOW TO USE:** it is used like a polish. Pour a little amount of product on a clean cloth while being careful as to spread it evenly in a rotating movement, then wait about 2 minutes and then a thin white layer appears pass a clean cloth over. You will get polished, renewed and plasticized surfaces. It gets rid of grease, rust, tar, oxide and dry salt. Long lasting results. Plasticization resistant to: bad weather, ultra-violet rays, dry salt etc.

Code	Content
1170-1	500 ml

**MOULD-RUST CLEANING**

**SEDIMENT-RUST CLEANER LIQUID**

**LASER GEL DISINCROSTANTE**

**WHAT IS IT:** It is a scale remover, deoxidizing, acid gel.  
**WHAT IS IT FOR:** It gets rid of a scale (dog's teeth) and rust on any metal. It can be used on rubber and resinglass. Moreover it gets rid of drifting lines and yellowing caused by VTR.

**HOW TO USE:** Remove bulky scale by hand, then soak all the areas that have scale or rust on them or that have turned yellow with LASER using a brush. Wait from 3 to 15 minutes before rinsing thoroughly. The treated areas will look brand new.

**ATTENTION: DO NOT USE IT ON ENGINES.**

Code	Content
1783 - 1	900 gr
4302 - 5	5 Kg



Blue Marine

**SCALE-RUST CLEANER GEL**

**LASER PROFESSIONAL**

**WHAT IS IT:** Removes sediment and rust from every kind of metal. Can be used on rubberlike and fiberglass surfaces.

**HOW TO USE:** Remove by hand a part of sediment and rust and then spray the product on the residual sediment and rust. Wait from 3 to 15 minutes and then wash carefully.

Code	Content
1783 - 2	1 Kg
4303 - 5	5 Kg



Blue Marine



Blue Marine

**RUST CLEANER FROM INOX SURFACES**

DECH 10 is a slightly acid product that quickly removes rust and marks of oxidation from inox parts of the boats, cushions, sky, fiberglass, plastic and any kind of fiber or material, suitable for inflatable boats made either of PVC or neoprene.  
 HOW TO USE : Apply Dech 10 directly onto rusty surfaces, leave for some minutes depending on the amount of rust with a slightly abrasive sponge and rinse well with water.

Code	Content
2679	250 ml
2679 - 5	5 Kg



Blue Marine

**MOULD CLEANER FROM TENTS AND RUBBER SHMUFFEX**

WHAT IS IT: Product mould destroyer containing hypochlorite sodium.  
 HOW TO USE: Spray the product directly on the stain caused by mould. Wait until the mould stain on the VTR, rubber, sky, or tents disappears, and then wash out the area. It is not suitable for cleaning fabrics due to its consistence of hypochlorite sodium, and there is a danger of destroying it.

Code	Content
2697	750 gr
2697 - 5	5 Kg



Blue Marine

**RUST CLEANER LIQUID RUST**

DESCRIPTION: It cleans and polishes any surface of boats made of fiberglass, including stainless steel, bronze, brass, copper, plastic, gelcoat and any kind of hard surfaces. Formulated to remove oxidation from any kind of metal.  
 DIRECTIONS OF USE: Apply undiluted directly onto the surface to treat and rub with a soft sponge and rinse with water.

Code	Content
2675	1 Kg
2675 - 5	5 Kg



Blue Marine

**DEXOTONE SALT & OXIDE REMOVER - POLISHING**

Quickly dissolves and removes salt, rust and scale leaving a protective waterproof coat on treated surfaces. It polishes and protects stainless steel and fiberglass. The ideal Teak whitening product. Very suitable to clean marine engine cooling systems. Safe for paints, gelcoat, stainless steel, brass, copper, aluminum, rubber and gaskets.

DIRECTIONS FOR USE: To clean pouring rust and oxide from any kind of surface, apply the product on the surfaces to be treated, wait from 5 to 15 minutes, then wipe with a sponge and rinse. To remove yellowing, scale and whitening the teak, dilute with water from 1:1 to 1:4 depending upon level soiling; apply the product and allow it to work for 5 - 10 minutes, then brush and rinse.

To clean cooling circuit of inboard and outboard engines, use a 1:4 dilution with water, then suck out the product using the suction pumps of the cooling circuit; let the engines run for at least 30 minutes, then rinse.

Code	Content
3100	1 Kg

**CLEANERS FOR TEXTILES AND LEATHER**



Blue Marine

**CARPET CLEANER TENSYO**

WHAT IS IT: Product studied to clean carpets, easy-chairs, carpets, ect..  
 HOW TO USE: Dampen the parts to be cleaned, spray evenly and wait for 5 minutes. Pass the surfaces with a dampen cloth and rub. Finally let dry.

Code	Content
2699	750 gr
2699 - 5	5 Kg



Blue Marine

**LEATHER-TENTS PROTECTIVE SKY AND LEATHER**

WHAT IS IT: Protects and waterproofs tents and leather surfaces.  
 WHAT'S FOR: Protects pillow and tents by the pillows of the ultraviolet UV sunrays but also rain, and forbids premature aging, cracks and bleaching of leather surfaces. Use is proposed after cleaning the area by dust.

HOW TO USE: Spray the are in even way and then swip the area with a dry cloth. For leather fabrics you should spray the area evenly and simply let dry.

Code	Content
2732	250 ml



Blue Marine

**SAIL CLEANER**

WHAT IS IT: Product studied to clean every kind of sails.

HOW TO USE: Dampen the parts to treat, spray it evenly, and then wait for 5 minutes. Pass again and rub with a dampen cloth. Wash the cloth in clean water from time to time and finally let dry.

Code	Content
2696	750 gr



Blue Marine

**GLASS-FURNITURE CLEANER**

**KRYSTAL CLEAN**

WHAT IS IT: Product studied to clean glass or Plexiglas surface of boats, roulettes etc. Perfect to clean daily furniture, wooden or metal surfaces.

HOW TO USE: Spray directly on the surface to clean then pass again with a dry and clean cloth.

Code	Content
2698	750 gr
2698 - 5	5 Kg

**GENERAL CLEANING -MAINTENANCE**



Blue Marine

**GENERAL USE MARINE SHAMPOO**

DESCRIPTION : Concentrated neutral cleaner , suitable for cleaning any kind of boats or barges, and for any on-board use. It can also be diluted with salt water.

DIRECTIONS FOR USE : To wash internal and external surfaces, dilute 100 ml of product with 5-6 lt of water. Wash with a sponge and rinse with water. In order to remove grease and oil from dirty surfaces, apply product directly onto a sponge, rub the surface and rinse with water.

Code	Content
2676	1 Kg
2676 - 5	5 Kg



Blue Marine

**UNIVERSAL MARINE DETERGENT FORZA 100**

DESCRIPTION : Detergent with high concentration of surface-active agents. Specially formulated to solve every daily and seasonal cleaning problem of a boat.

DIRECTIONS OF USE: Spray the product onto the surface to be cleaned and let it act; then wipe with sponge or brush and rinse with water. As this product has a high raw material concentration, dilution will vary according to the type of surfaces to clean :

1. Inflatable fenders, wood, teak, fiberglass : use undiluted or diluted 1:1 with water.
2. Cushions, boat canopies in fabric, sky, carpets : 1:1 – 1:5 dilution according to degree of soiling.
3. Wash basins, bidet, marine toilets, showers, tub & shower faucets : dilute 1:10 with water.
4. Plexiglas, furnishings, glasses: dilute 1:50 with water.

Code	Content
2673	1 Kg
2673 - 5	5 Kg



Blue Marine

**DEODORIZING-HYGIENIZING**

**DEO IGIENIX**

WHAT IS IT: Deodorizing hygienizing product with bactericidal and acaricidal active principles.

HOW TO USE: Clean carefully the spray it on carpets, moquettes, mattresses, curtains, and every surface you want to deodorate and hygenize. Perfect to remove bad mostly smells typical of ambient kept closed for a long time as boats, roulettes, houses, offices. The product also guarantees a perfect hygenization.

Code	Content
2702	750 gr



Blue Marine

**BILGE WATER CLEANER SENTINEW**

DESCRIPTION : A citrus fruit-based product. It cleans bilges , boat lockers, inboard and outboard motors. It removes grease, oil and sludges. Leave to act some minutes and then rinse with water. In case of persistent sludges, rub with a sponge or a paint-brush.

DIRECTIONS OF USE : Clean using a 1 : 2 – 1 : 20 dilution with water , depending on the degree of soiling. Spray into surfaces to treat.

Code	Content
3597 - 1	1 Kg
4304 - 5	5 Kg

**GENERAL WASHING PLATES-CLOTHES GENERAL ECOGREEN**

For general washing either plates or dishes. Contains herbal materials, biodialated and friendly to environment. May be used for dish or clothes washing by hand or in automatic washing machine. Ideal for use on a boat or camping activities.

HOW TO USE: For hand washing, use the proper potion and place the dishes or clothes in a dishpan for a few minutes. In continue rub and wash out with water. For washing machine washing, use the adequate potion, and in continue use the manufacturers instructions. Biodilation: Materials used in this products are classified as biodilaled of fast reaction according to biodilation to the test of biodilation OECD301A. Regulation card provided to professional users after request.



Code	Content
2733	1 Kg



**WOOD CLEANING SHAMPOO VIVO TEAK 1**

WHAT IS IT: It is a product specifically designed for the cleaning and the product restoration of the original hues of teak as well as any other sea wood.

HOW TO USE: Straight or diluted from 1/1 to 1/10 with water, according to specific needs. Previously wet the area to be treated with water. Pour the product over the surface, then brush and rinse.

Code	Content
2655 - 1	1 Kg
4306 - 5	5 Kg



**WOOD PRESERVATIVE VIVO TEAK 2**

WHAT IS IT: It is a product specifically designed to preserve in the long run the original color and warmth of the wood.

HOW TO USE: Straight, soak the wooden or teak areas previously treated with VIVO TEAK 1, wipe out the surplus with a cloth. PLEASE NOTICE: Use on any type of wood. Shake before use.

Code	Content
2656 - 1	1 Lt
4307 - 5	5 Lt

**ANTICORROSION / LUBRICANTS**



**NATURAL LUBRICANT SPRAY OLIO DI VASELINA NAUTICO**

WHAT IS IT: Natural lubricant spray  
WHAT IS IT FOR: Efficacious, excellent to protect and lubricate electrical contacts, bits, slotted cables, stanchions, every kind of electrical instruments, port-holes, lining, fishing reels, arms, locks. It is also used whenever lasting protection and lubrication are required. Extraordinary against salt and its harmful and corrosive effects.  
HOW TO USE: Apply by spraying the area.

Code	Content
4349	200 ml



**SPRAY SYNTHETIC GREASE**

It's an extra synthesis lubricant that can work in hard conditions of temperature and friction. For high viscosity index, low freezing point and high corrosion resistance, it is especially fit for lubrication and protection of leverages, gears, drive chains and other mechanic equipments working in hard conditions. It prevents corrosion from salt deposit and from alkaline or organic acid solutions. Professional product for nautical environment and for aeronautical, mechanical and industrial use.

Code	Content
2678	400 ml



Blue Marine

**PROTECTIVE FOR METALS AND ELECTRICS DRAPH MARINE (PROFESSIONAL)**

DRAPH PROFESSIONAL: It is a product that protects all material parts which come in contact with atmospheric agents and marine environments. Excellent for the protection of all electrical parts including cables, switchboards, etc. Furthermore, when sprayed inside the cylinders when the motors are not running, it guarantees an excellent preservation of the same, avoiding the formation of rust and prolonging the life of the motor. When sprayed on the outside of the motor it forms a protective coating that helps to avoid the formation of salt and limestone deposits, protecting it for a long period of time. Keeps humidity out, allows wet motors to start, it avoids the blocking of all types of gears or devices, penetrates deeply, dissolves rust, grease and tar.

Code	Content
2866	400 ml

**ENGINE LUBRICANTS**



Blue Marine

**MARINE GEAR OIL EXTRA**

Marine gear oil extra E.P. 80 W90: high quality product, super additive. Anti-corrosive, anti-wear, anti-foam, oxidation-resistant and high temperature-resistant, additive against rust. Quality level APIGL5 - L 2105 C.

Code	Content
3690 - 1	250 ml
4301 - 5	5 Kg



2677-1

**ZINC-BASED WHITE GREASE**

Special formula with grease. Its great adhesive properties and high content of zinc oxide make it highly suitable for protection and lubrication purposes while protecting bolts, articulated joints, lever, battery clips, locks and boat parts functioning in the sea water or under constant pressure. White.



2677

Code	Content
2677	250 ml
2677-1	1 Kg

**SANITIZING**



Blue Marine

**WATER PRESERVATIVE AQUA NOVA**

HAT'S FOR: Preserving bactericide agent, fungicidal and algacidal, prevents water and any organic substance fermentation and degradation. Effective disinfectant agent with germicidal action against most pathogenic bacteria (Staphylococcus, Aurens, Salmonella, Thyphosa, Pseudomonas, Aeruginosa).

HOW TO USE: Pour a drop of product each liter of water, or other 100ML per 1000 Liters of water to purify it. After about

3 hours water will be pure and sterile for the length of more than 8 months.

Code	Content
2681	100 ml

**CLEANER-ANTILIMESTONE FOR WATER TANKS DEPUR TANK**

CHARACTERISTICS: Detergent product, anti-limestone, anti-vegetative, sanitizing for tanks, pumps, water pipes, based on raw materials for alimentary use and in absence of chlorine. WHAT IS IT FOR: Product studied to clean and make hygienic reservoirs not to drinking water destined. It eliminates limestone quickly and bad smells.

HOW TO USE IT: Clean up the reservoirs from eventual bottom's deposits, if it's possible. According to the reservoirs volume, drop in 50ml of product for each 20 litres of water, or 500ml for 200 litres of water. Turn on the taps so that water and product flows out, avoiding that air bubbles takes form. The obtained solution will remains in the reservoirs 24 hours at least. Rinse it out.



Blue Marine

Code	Content
2680	500 ml





Blue Marine

**CHEMICAL TOILET FLUID – ACQUA BLUE WC CHEM**

**DESCRIPTION :** Breaks down waste toilet quickly and efficiently. Helps to prevent gas build up and eliminates unpleasant odors.

**DIRECTION OF USE :** Unscrew the cap and then squeeze the bottle to obtain 75 ml into its upper tub, pour the product into the toilet's waste-holding tank adding 2 liters of water. Add 50 ml of product into toilet's waste-holding tank for any additionally day of usage.

**NON-FORMALDEHYDE. EMPTY TOILET'S WASTE-HOLDING TANK ONLY IN SPECIFICALLY DESIGNATED PLACES.**

Code	Content
3886 -2	1 Kg
3886 -5	5 Kg

# 3M

NEW

**Code 1755-35**  
**3M PROTECTIVE LIQUID WAX**  
500 ml



NEW

**Code 1755-38**  
**3M - MARINE OUTDOOR VINYL CLEANER, CONDITIONER & PROTECTOR**  
Unique gel formula provides durable protection in exterior, as well as interior applications. Gel formula gives you better application control than liquids. A little bit goes a long way.  
Packaging: 250ml (gel)



NEW

**Code 1755-36**  
**3M - MARINE FIBERGLASS RESTORER & WAX**

Tested on Marine paints as well. Designed to remove medium oxidation, chalking, fading, minor scratches, rust and exhaust stains; plus provide protection on fiberglass/gelcoat. Unique formulation combines a rubbing compound with a special blend of waxes which restore shine and protect in one application. Available in liquid and paste versions.  
Packaging: 500ml.



NEW

**Code 1755-39**  
**3M - MARINE METAL RESTORER & POLISH**  
Designed to restore and polish stainless steel, brass, bronze, copper, chrome, aluminum and other marine metals by removing surface rust, oxidation, corrosion and tarnish. Restores luster.  
Packaging: 150ml.



NEW

**Code 1755-37**  
**3M - MARINE FIBERGLASS CLEANER & WAX**  
Tested on Marine paints as well. Designed to remove light oxidation, clean, polish and protect fiberglass/gelcoat. Unique liquid formulation combines a compound with a special blend of waxes which restore shine and protect in one application.  
Packaging: 500ml.



**Code 1755-10**  
**3M - VHB HEAVY DUTY MOUNTING TAPE**

3M VHB tapes utilize high performance adhesives which have excellent long term holding power. The peel adhesion and tensile holding power of tapes in the VHB family are significantly higher than typical pressure sensitive tapes. VHB tapes are ideal for use in many interior and exterior industrial applications. In many situations they can replace rivets, spot welds, liquid adhesives, and other fasteners. Each tape in the VHB family has specific features. These can include high tensile strength: high shear and peel adhesion; resistance to solvents, moisture and plasticizer migration; U.L recognition; low outgassing; conformability and the ability to be applied at temperatures as low as 0°C. VHB tapes are ideal for bonding a variety of substrates, including most metals, sealed woods and glass, as well as many plastics, composites and painted surfaces.

Colour: Transparent  
Thickness: 1,1mm  
Dimensions: 19mm x 1,5m



NEW



**NEW**

**CODE 1755-20**

- Relieves irritation: designed to offer relief from the irritation of low levels of specific gases and vapours, often present alongside particulate hazards
  - Reliable, effective protection against fine particulates
  - Activated carbon layer provides relief from low levels of specific gases and vapours
  - Durable collapse resistant inner shell
  - Excellent fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design
  - Comfortable, lightweight off-the-face design
  - Yellow colour coded straps denote FFP1 protection level
- Standard: EN149:2001 FFP1  
Approval: CE Marked  
Maximum use level: Particulates; Assigned Protection Factor: 4 x WEL (Nominal Protection Factor 4 x WEL) and below WEL for Organic vapours.



**NEW**

**CODE 1755-21**

- Provides comfort and style without compromising performance
  - Extensive European field trials have proved the superiority of this range over more traditional respirators
  - Three-panel design for improved comfort, fit and communication
  - Reliable, effective protection against fine particulates
  - 3M Cool Flow valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions
  - Individually packed, foldable design prevent contamination before use and allows easy storage
  - Soft inner cover-web for greater comfort against the skin
  - Even-tensioned straps relieve pressure for a comfortable and secure fit, colour coded yellow to denote FFP1 performance
  - Yellow colour coded straps denoting FFP1 protection level.
- Standard: EN149:2001 FFP1  
Approval: CE Marked  
Maximum use level: Assigned Protection Factor: 4 x WEL (Nominal Protection Factor 4 x WEL)



**NEW**

**CODE 1755-19  
3M - DUAL LOCK RECLOSABLE FASTENERS**

Dual Lock consists of several mushroom-shaped stems which are located on an adhesive backing to provide a strong and durable Fastening System. Dual Lock is engaged by simply pressing two parts of the product together whilst the mushroom-shaped stems interlock with each other. This engagement is evident by a «snap» sound. The result is an holding strength, which is up to 12 times stronger than hook-and-loop fasteners. The durability of Dual Lock allows for up to 1,000 openings and closures. Additional features include:

- Fast and easy assembly / dismantling
- Can be used on flexible or rigid surfaces
- Range of mushroom-shaped stem densities determine the holding power
- 360° alignment possible so no need for precise alignment

Colour: Transparent  
Dimensions: 25,4mm x 45,7m  
Adhesive: VHB Clear Acrylic

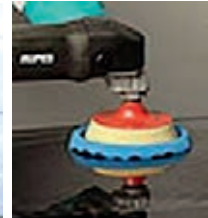
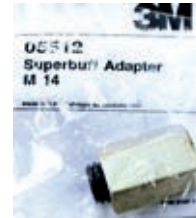


**NEW**

**Code 1755-16Y & 1755-16W  
3M - SUPERBUFF BUFFING & POLISHING PADS**

A variety of buffing and polishing pads to assist in maintaining that just shined look to your boat.

Code	Use with	Color	Dimension
1755-16W	Oil	White	Ø 228mm
1755-16Y	Oil	Yellow	Ø 228mm



**NEW**

**Code 1755-4  
3M - HOOKIT BACKUP PADS ADAPTOR**



**NEW**

**SIKAFLEX 291 SEALING/ADHESIVE COMPOUND**

Sikaflex is a one-component, low viscous, medium modulus, polyurethane-based sealing/adhesive compound. This all-purpose grade is used for general sealing applications.

Code	ml	Color	Packaging
1755-24BL	300 ml	Black	Cartridge
1755-24W	300 ml	White	Cartridge
1755-3BL	100 ml	Black	Tube
1755-3W	100 ml	White	Tube

## MARINE ENGINE COLOR SPRAYS



### MARINE COLOR SPRAY FOR OUTBOARDS SUPER COLOR SPRAY

WHAT IS IT: Extra - covering and extra shining nautical paint for board engines.

HOW TO USE: Spray keeping the bottle 20/30 cm away from the object to be painted and apply the enamel horizontally and vertically with light sprays.

PLEASE NOTICE: Before spraying clean thoroughly the surface to be painted. Turn the bottle upside - down and shake powerfully up and down for about one minute. Make sure the temperature of the bottle is not below 20/ 25 °C. 400ml.

Code	Description	Color
2371-10	MERCURY BLACK-MERCURISER	
2371-20	JOHNSON-EVINRUDE WHITE MAN	
2371-30	JOHNSON WHITE ' 81-' 83	
2371-50	JOHNSON GT GREY MET.	
2371-60	MARINER GREY	
2371-80	EVINRUDE SILVER ' 84	
2371-90	EVINRUDE BLUE XP	
2371-100	YAMAHA OCEAN BLUE	
2371-110	YAMAHA MARINE BLUE ' 84	
2371-120	YAMAHA DARK GREY MET. 94	
2371-140	TOHATSU GREY	
2371-150	SUZUKI GREY	
2371-160	SUZUKI GREY ' 89	
2371-170	SUZUKI BLACK MET.	
2371-180	HONDA GREY MET.	

Code	Description	Color
2371-190	VOLVO PENTAACQUOMATIC	
2371-210	VOLVO PENTAACQUOMATIC '89	
2371-220	SELVA BLUE	
2371-230	SELVA BLUE MET.2371-230	
2371-240	TRANSPARENT	
2371-250	METALZINC	
2371-270	VOLVO PENTA RED	
2371-280	YELLOW VETUS MOTORS	
2371-290	RED CAN	
2371-300	YELLOW CATERPILLAR	
2371-310	AIFO MARINE RED	
2371-330	YANMAR GREY	
2371-340	VOLVO PENTA GREEN	
2371-350	NANNI BLUE MET.	
2371-360	BLACK FOR PROPELLERS	
2371-370	AIFO MARINE BLUE	
<b>PRIMER (Outboard's Primer)</b>		
2372-260	PRIMER GREY	
2372-320	PRIMER GREEN	

### MARINE ANTIFOULING SPRAY FOR OUTBOARDS PREMIER 2 - ANTIFOULING

WHAT IS IT: Antifouling spray,with CDP technology ,nontoxic. Seasonal protection

WHAT IS IT FOR: Protects any kind of surface, aluminum inclusive, and also applications on propellers, strokes feet, outboard motor-boat and any kind of dipped structure. A system of a slow smoothing prevents the premature consumption of the paint's film to the speedboats. Prevents the development of seaweeds, mollusks and barnacles.

HOW TO USE: Remove any kind of dirt, greasy or residual paint broken off from the surface before the application, then scrub it. In case of unknown or incompatible antifouling, apply an insulating primer code 2372-260 and 2372-320. (Blue Marine Primer) and then apply Premier 2 Blue Marine. In case of antifouling in bad conditions, remove it with "FAST GEL Blue Marine", then apply an insulating primer (Blue Marine Primer); finish by applying Premier 2 Blue Marine. Shake well before using for at least five minutes. For a guaranteed wearing of the product, apply up to three coats of antifouling for hulls and up to four coats for water-lines, rudders, propellers and strokes feet.

400 ml.

Code
4350 - GREY
4350 - WHITE
4350 - BLUE
4350 - BLACK
2374- 1 TRANSPARENT



### METAL PRODUCTS STAND BLUE-MARINE

Metal stand with five shelves in blue color, suitable for products such as lubricants, color and maintenance sprays, sprays for outboards etc Easy to remove due to its wheels.

Code	Dimensions cm
473-6	H 180 x W 55 x Depth 35



### GELCOAT TOUCH UP SPRAY PAINT

High density special paint, in a handy spray can, for quick touchups of glass-reinforced plastic areas treated with gelcoat and polyester resin. It gives a perfect, quick and even coverage, and doesn't drip.



Code	Content
2398	400 ml



**TEAR – AID STRONG REPAIR PATCH FOR MANY USES**

Tear-Aid is a unique transparent repair patch for repairing tears and holes in practically all materials. Tear-Aid is extremely strong and very elastic. Tear-Aid is no temporarily solution, it is a permanent repair patch. Tear-Aid repairs: tent cover, canvas, rubber (inflatable-) boats, umbrellas, raincoats, jackets and bags. But also products like aluminium, fiberglass and more. It is available in two types, one suitable for all types of materials except from pvc and vinyl and one suitable for pvc and vinyl.

Code	Length cm	Width cm	Type
4909-1	150	7,6	Suitable for all materials but NOT FOR PVC/ VINYL
4909	30	7,6	Suitable ONLY for PVC/VINYL
4910-1	150	7,6	Suitable ONLY for PVC/VINYL
4910	30	7,6	Suitable ONLY for PVC/VINYL



**KIT REPAIR FIBERGLASS**

Repair material based on polyester resin for the repair of polyester surfaces. The kit includes fiberglass wool. Easy to apply with effective results.

HOW TO USE : Carefully clean the surface to be treated and make it rough with a proper coarse grain abrasive paper. Mix the resin with 3% of hardener, use a brush to spread the compound on the fiberglass wool, previously cut in the requested size; place the fiberglass wool on the surface to rebuild and fill the missing parts; let the mixture to get hard after about one hour; once the hardening has completed, the surface can be polished, filled and painted. Catalyst process can develop some heat.

Code	Content
1058	200 gr

**GELCOATS**



**GLYX GELCOAT FILLER**

GLYX Gelcoat filler is a white filler for repairing holes, cracks or scratches in fiberglass. Sets in 10 minutes.

DIRECTIONS FOR USE : Add hardener to the Gelcoat Filler and stir thoroughly. Sand the surface to be repaired until it becomes smooth enough. Then use the gelcoat to fill any surface irregularities. In about 10 to 20 minutes, it is possible to sand the repaired surface with a 120 grade sandpaper, then with a 260/280 water proof abrasive paper and finally with a 400/500 water proof abrasive paper for refining the area . Now you can polish the surface in order to obtain a perfect and invisible repair.

Code	Content
1784-02	200 gr



**REXIM FIBRE GLASS**

Fibreglass filler for repairing fiberglass boats. Super adhesive and superelastic filler.

DIRECTIONS FOR USE : Sand down surfaces to repair using 40-60 grade sandpaper. In order to make them coarse and clean. Remove dust and dirt. Mix required quantities of 'REXIM FIBREGLASS' with the proper hardener and use it as a common filler. Sets in only 10 minutes.

Code	Content
4714-02	200 gr
4714-05	500 gr

**INSTRUCTIONS AND ADVICE FOR PAINTING A BOAT**

What are the reasons for painting the boat ?By painting the boat we protect the following and parts of it :

- the fiberglass <Polyester> from the osmosis
  - the wood from the marine environment and the weather conditions
  - the steel and other metal parts of the boat from corrosion
- Painting the boat facilitates its cleaning up and improves its appearance.

In what should we pay attention when working in open air and in closed spaces?When the space we will work is open-air, it is very essential not to be a windy day because the wind will carry dust that will stick on the fresh paint. We should not work under high temperatures because this will badly affect the drying of the paint. And finally there should not be high level of humidity in order to avoid the slow drying of the paint that may create unwanted paint drops.

When we work in closed space (interior) we must ensure that there is good ventilation of the space so that the paint smells do not stay in the spot.

Preparing the boat for painting :Wash the boat and remove dirt and grease. Fill with gel coat where necessary using Mastofill code 4849.

Sand the treated surface to smoothen the area and to correct the shap. **WARNING** when painting with antifouling paints, it is essential to sand down the area when the gel coat is still wet in order to avoid inhaling toxic particles.

Preparation of the paint :

- Read the instructions of use placed on the paint package.
- Mix the paint thoroughly until the color becomes uniform.
- During the use, we mix the paint at regular intervals.
- Depending on the environmental conditions we must change the ratio of color-solvent.

## ANTIFOULING & ANTIFOULING REMOVER



Blue Marine

**ANTIFOULING FOR INFLATABLE BOATS AND VTR ELASTENE**

**WHAT IS IT:** Elastic Antifouling, nontoxic, special formulation of CDP technology. It settles up to 24 months.

**WHAT IS IT FOR:** Especially for neoprene and PVC inflatable boats, and also for hull in VTR. Optimal also for all aluminum surfaces, propellers, strokes feet and wooden boats. A system of a slow smoothing prevents the premature consumption of the paint's film to the speedboats. **HOW TO USE:** In case of previously painted surfaces and in good condition, rinse with fresh water and let the surface dry before the application. Apply an insulating primer in case of unknown or incompatible antifouling. In case of antifouling in bad condition, remove with "FAST GEL" and apply a **primer** according to the necessity and the supplier's instructions. Clean and scrub lightly for new surfaces. Shake well. It need not dilute. For a guaranteed wearing of the product, apply in hull up to three hands. It is combined with primer code 4898\*

Code	Content
<b>4347 - GREY</b>	
<b>4347 - BLUE</b>	750 gr
<b>4347 - ORANGE</b>	



# Moravia

## Marine Coatings



**THINNER FOR EPOXY  
PRIMERS, MIDCOATS  
AND TOPCOATS**

Code	Content
4901-1	1 Kg



**THINNER FOR  
ALKYD PRODUCTS**

Code	Content
4904-1	1 Kg



**THINNER FOR  
CHLORINATED  
RUBBER AND  
ANTIFOULING PAINTS**

Code	Content
4902-1	1 Kg
4902-2,5	2,5 Kg



**THINNER FOR  
POLYURETHANE  
PAINTS AND  
PRIMERS**

Code	Content
4903-1	1 Kg

## SELF POLISHING ANTIFOULING PAINTS

Code	Content
4844- WHITE	1 Kg
4844-2,5 WHITE	2,5 Kg
4844-BLACK	1 Kg
4844-2,5 BLACK	2,5 Kg
4844-BLUE	1 Kg
4844-2,5 BLUE	2,5 Kg
4844-DARK BLUE	1 Kg
4844-2,5 DARK BLUE	2,5 Kg
4844-RED	1 Kg
4844-2,5 RED	2,5 Kg



### SELF POLISHING ANTIFOULING HIGH SPEED FOR GRP

A self replenishing antifouling paint thanks to its special resin combination that is slowly released into the sea exposing the fresh antifouling. It prevents effectively the attachment and growth of fouling organisms on outer hulls of the ship. It is suitable for wood, GRP and steel, aluminium surfaces.

Color	Black , grey, blue , dark blue ,white, red, green		
Finish/Sheen	Matt		
Volume Solids	46 - 50%		
Dry Film Thickness	100- 150 microns dry (208 - 312 microns wet)		
Theoretical coverage	4,8 m <sup>2</sup> /Lt		
Method of Application	Air Spray, Brush, Roller		
Thinner	5% 4902*		
DRYING INFORMATION	10°C	23°C	30°C
	Dry to touch	2 h	1 h
Recoating Time	8 h	6 h	4 h

Code	Content
4845- WHITE	1 Kg
4845-2,5 WHITE	2,5 Kg
4845-20 WHITE	20 Kg
4845-BLACK	1 Kg
4845-2,5 BLACK	2,5 Kg
4845-20 BLACK	20 Kg
4845-BLUE	1 Kg
4845-2,5 BLUE	2,5 Kg
4845-DARK BLUE	1 Kg
4845-2,5 DARK BLUE	2,5 Kg
4845-RED	1 Kg
4845-2,5 RED	2,5 Kg
4845-20 GREEN	20 Kg



**SELF POLISHING ANTIFOULING FOR GRP**

A self replenishing antifouling paint thanks to its special resin combination that is slowly released into the sea exposing the fresh antifouling. It prevents effectively the attachment and growth of fouling organisms on outer hulls of the ship. It is suitable for wood, GRP and steel, aluminium surfaces.

Color	Black , grey, blue , dark blue ,white, red, green		
Finish/Sheen	Semi Glossy		
Volume Solids	44 - 46 %		
Typical Film Thickness	75 - 150 microns dry (167 – 333 microns wet )		
Theoretical coverage	6 m <sup>2</sup> /Lt		
Method of Application	Air Spray, Conventional Spray, Brush, Roller		
Thinner	4902*		
DRYING INFORMATION	10°C	23°C	30°C
Dry to touch	1 h	1 h	30 min
Recoating Time	8 h	6 h	4 h



**CLASSIC ANTIFOULING FOR GRP**

It is a traditional and reliable antifouling paint used in wood & fibreglass boats. Due to its ease of application and endurance it has been used in Europe for nearly a century. The high content of antifouling reagents in the formulation prevents the attachment of fouling organisms to the bottom. It provides economy and speed to the boat. The surfaces that cannot be adequately cleaned should be coated with primer first.

Code	Content
2203- BLACK	1 Kg
2203-2,5 BLACK	2,5 Kg
2203-25 BLACK	25 Kg
2203- BLUE	1 Kg
2203-2,5 BLUE	2,5 Kg
2203- RED	1 Kg
2203-2,5 RED	2,5 Kg
2203- GREEN	1 Kg

Color	Black , blue, red, green		
Finish/Sheen	Matt		
Volume Solids	48 - 52 %		
Dry Film Thickness	100 -125 microns dry (200 -250 microns wet)		
Theoretical coverage	5 m <sup>2</sup> /Lt		
Method of Application	Air Spray, Brush, Roller		
Thinner	4902*		
DRYING INFORMATION	10°C	23°C	30°C
Dry to touch	2 h	1h	30 min
Recoating Time	8 h	6 h	4 h



Code	Content
4898-1	1 Kg
4898-3	3 Kg

#### PRIMER FPR GRP BOATS

It is used as a tie coat in GRP boats and 2-K systems where blast cleaning may not be possible. Adherglass primer is complex polymer based quick drying primer for gel coat. It can be used as a tie coat in epoxy systems where blast cleaning may not be possible. It is combined with codes 4844\*, 4845\*, 2203\*, 4848\*, 4855\*.

Color	Roze		
Gloss	Matt		
Volume Solid	30 % ±2		
Theoretical coverage	20m <sup>2</sup> /L at 50-66 microns dry,( 15-20 microns wet)		
Density	1,3±0,1 kg/L		
Application method	Brush, Roller, Spray, Airless spray (15Mpa)		
Thinner/ Cleaner	Thinner for epoxy products (4901-1)		
Drying	10°C	23°C	30°C
Touch Dry	2 h	30 min	10 min
Hard Dry	12 h	6 h	2 h



#### PRIMER OF TWO COMPONENTS

A two-component primer, solvent less epoxy based, primer and undercoat, with a very durable polymer structure. Chemically resistant to paraffin, diesel, petrol, oil, acids, solvents and alkalis. Excellent resistance to physical stress. It is suitable for steel surfaces.

It is combined with codes 4844\*, 4845\*, 4848\*

Code	Content
4846-GREY	0,85 Kg part A + 0,15Kg part B
4846-4 GREY	3,4 Kg part A + 0,6Kg part B

Color	Aluminum, Grey, Green, Red		
Finish/Sheen	Matt		
Volume Solids	76 - 80 %		
Typical Film Thickness	100 - 300 microns dry(128 – 385 microns wet)		
Method of Application	Air Spray, Conventional Spray, Brush, Roller		
Thinner	Not recommended		
DRYING INFORMATION	10°C	23°C	30°C
Dry to touch	12 h	8 h	4 h
Recoating Time	30 h min. - 10 days max	24 h - 5 days max	10 h - 3 days max
Surface Preparation	The surfaces should be clean, free of dirt, oil and grease.		



**POLYACRYLIC YACHT PAINT OF TWO COMPONENTS FOR GRP**

A two-component, polyurethane based, glossy topcoat for use above waterline. It provides a long-lasting, elastic, ultra-high gloss finish that has unique colour-retention, together with excellent abrasion resistance. Excellent resistance to diesel, petrol, oil, mild acids and solvent. It can be used in both interior and exterior sites. It is suitable for steel, aluminium and wood surfaces as a top coat in 2-pack polyurethane systems. It is combined with primer code 4898-1, 4898-3.

Code	Content
<b>4848-BLUE</b>	0,8 Kg part A + 0,2Kg part B
<b>4848-WHITE</b>	0,8 Kg part A + 0,2Kg part B

Color	Blue, White		
Finish/Sheen	High Glossy (> gloss)		
Volume Solids	63 - 67 %		
Typical Film Thickness	35 - 50 microns dry (54 – 77 microns wet )		
Theoretical coverage	18,57 m <sup>2</sup> /Lt		
Method of Application	Air Spray, Conventional Spray, Brush, Roller		
Thinner	5 - 10 % 4903		
DRYING INFORMATION	10°C	23°C	30°C
Dry to touch	6 h	4 h	2 h
Recoating Time	30 h	24 h	10 h
Surface Preparation	On polyester surfaces it is applied over Adherglass primer, on wood, steel and aluminum surfaces over epoxy primer. The surfaces should be free of dirt, oil and grease.		

**YACHT PAINT AGAINST CORROSION AND FLAKING IN BILGES -TOPCOAT**

It is a perfect choice against corrosion and flaking in bilges. It has a high resistance to water and chemicals as it is a modified alkyd based glossy topcoat with an excellent hiding power. Good weather and colour stability. It is used to protect bilges from abrasion. Use primer for alkyd paint system. It is combined with primer code 4898-1, 4898-3.

Code	Content
<b>4855-GREY</b>	1 Kg
<b>4855-WHITE</b>	1 Kg

Color	White, Grey		
Finish/Sheen	Glossy		
Volume Solids	43 - 47 %		
Typical Film Thickness	40 - 50 microns dry (89 – 111 microns wet )		
Theoretical coverage	11,25 m <sup>2</sup> /Lt		
Method of Application	Airless Spray, Conventional Spray, Brush, Roller		
Thinner	4904		
DRYING INFORMATION	10°C	23°C	30°C
Dry to touch	8 h	3 h	2 h
Recoating Time	40 h min	16 h min	12 h min

**OSMOSIS PROTECTION SYSTEM OF TWO COMPONENTS FOR GRP**

It is a two-component, epoxy based, fast drying osmosis protection system for GRP boats. Contrast colors (blue & grey) make it easy to apply. As for the best protection please apply 4 coats. It is used to protect GRP boats from osmosis. Blast-cleaning with 100-200 grade paper is necessary.



Color	Blue, Grey		
Finish/Sheen	Matt		
Volume Solids	51 - 55 %		
Typical Film Thickness	50 - 100 microns dry (95 – 190 microns wet )		
Theoretical coverage	10,6 m <sup>2</sup> /Lt		
Method of Application	Brush, Roller		
Thinner	4901		
DRYING INFORMATION	10°C	23°C	30°C
	Dry to touch	12 h	6 h
Recoating Time	3 days min 2 months max	1 day min 1 month max	12 h min 15 days max
	Pot Life (max)	10 h	8 h

Code	Content
<b>4853-BLUE</b>	0,85 Kg part A + 0,15 Kg part B
<b>4853-4 BLUE</b>	3,4 Kg part A + 0,6 Kg part B
<b>4853-GREY</b>	0,85 Kg part A + 0,15 Kg part B

**OSMOSIS REPAIR PROTECTION SYSTEM OF TWO COMPONENTS FOR GRP**

It is a two-component, epoxy based, solvent free osmosis treatment system for GRP boats. The solventless structure makes capillary channel formation in the paint film impossible. Contrast colors (blue & cream) make it easy to apply. As for the best protection please apply 4 coats. It is used in the osmosis treatment of GRP boats. Gelcoat should be scraped off. It is leaved to dry after measuring the surface humidity.



Code	Content
<b>4854-BLUE</b>	0,67 Kg part A + 0,33 Kg part B
<b>4854-3 BLUE</b>	2,01 Kg part A + 0,99 Kg part B
<b>4854-CREAM</b>	0,67 Kg part A + 0,33 Kg part B
<b>4854-3 CREAM</b>	2,01 Kg part A + 0,99 Kg part B

Color	Blue, Cream		
Finish/Sheen	Glossy		
Volume Solids	100 %		
Typical Film Thickness	150 - 200 microns dry (150 – 200 microns wet )		
Theoretical coverage	6,67 m <sup>2</sup> /Lt		
Method of Application	Brush, Roller		
Thinner	4901		
DRYING INFORMATION	10°C	23°C	30°C
	Dry to touch	24 h	16 h
Recoating Time	48 h min – 10 days max	24 h min – 5 days max	12 h min – 3 days max
	Pot Life (max)	2 h	1 h



Code	Content
4849	0,5 Kg part A + 0,5Kg part B

#### EPOXY FILLER OF TWO COMPONENTS

It is a two-component, solventless epoxy based filler with a very durable polymer structure with high filling properties. It is the best choice for profiling above and below the waterline. Resistance to humidity and physical stress is excellent. It is suitable for steel, aluminium, GRP and wooden boats, provided related primers are used first.

Color	Cream		
Volume Solids	97 - 99 %		
Mixing Ratio (weight)	1 unit Part A – 1 unit Part B		
Method of Application	Spatula		
Thinner	Not recommended		
DRYING INFORMATION	10°C	23°C	30°C
Dry sanding	48 h	24 h	16 h
Pot Life max	2 h	1 h	40 min
Surface Preparation	The surfaces should be clean, free of dirt, oil and grease.		



Κωδικός	Περιεχόμενο
4291-20 BLACK	20 lt
4291-20 BLUE	20 Lt
4291-20 RED	20 Lt
4291-20 WHITE	20 Lt



#### SELF POLISHING ANTIFOULING FOR GRP

A self replenishing antifouling paint thanks to its special resin combination. It is free of TBT. It is suitable for speed up to 24 knots, ideal for yachts, small boats, ferries. It can be applied both for new boat constructions and services. It prevents effectively the attachment and growth of fouling organisms on outer hulls of the ship. It is suitable for GRP, wood and steel surfaces.

Color	Black, blue, red, white		
Finish/Sheen	Matt		
Volume Solids	47%		
Typical Film Thickness	125 microns dry		
Theoretical coverage	9,5 m <sup>2</sup> /Lt		
Method of Application	Air spray, conventinal spray, brush, roller		
Thinner	3%		
DRYING INFORMATION	10°C	23°C	30°C
Dry to touch	2 h	1 h	30 min
Recoating time	8 h	6 h	4 h

**Code 1755-5  
NAUTIX - GRIP**

Two Pot Non-Slip Paint (Transparent)  
NAUTIX GRIP is a two-pack colourless non-slip paint formulated to give the best feet adhesion and an outstanding resistance in the marine environment and to ultraviolet degradation and hydrocarbon. NAUTIX GRIP formulation provides very high long lasting quality, hardness and abrasion resistance. Nautix Grip is also resistant to washing with detergent. NAUTIX GRIP can be applied over polyester (GRP), epoxy (resin or paint), polyurethane twopack enamel or 2 pack varnish, wood or thermoformed substrates. NAUTIX GRIP may be coloured with L3.



- Can be applied deck, wood, companion way or deck hatches without blocking the light - High resistance to abrasion and UV
- 2-pot paints - mixing ratio
- in weight : 85gr base / 15gr curing agent
- in volume 2 volume of base for 1 volume curing agent.
- Application by soft foam roller (steer well the roller before application) or low pressure spray gun.
- Do not apply under 15°C.
- Thinner: Nautix DP - Can be mixed with L3 enamel (up to 30%)
- Coverage: 8 m<sup>2</sup>/kg
- 500 gr.



**POLYESTER**

Code	Lt
1793	0,8
2502	20

**Code 1795**

**FIBERGLASS MAT 450gr/m<sup>2</sup>**  
Fabric composed of very thin glass fibers that are cut and glued together with a special glue. The fibers are evenly distributed on the fabric surface and oriented in all directions to yield high mechanical strength in the final product and easy application during use.



**Code 1755-7  
LOCTITE - 242 THREADLOCKER  
ANAEROBIC ADHESIVE 34495**

LOCTITE 242 is designed for the locking and sealing of threaded fasteners which require normal disassembly with standard hand tools. The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration. Particularly suitable for applications on less active substrates such as stainless steel and plated surfaces, where disassembly with hand tools is required for servicing. The thixotropic nature of LOCTITE 242 reduces the migration of liquid product after application to the substrate.  
Packaging: 5 ml.



**Code 1180  
PROFESSIONAL GLUE  
for PVC, glazed fabrics and  
synthetic rubber. Weight 20 gr.**



**Code 1178  
GLUE FOR PVC  
INFLATABLE BOATS**

Includes 1 glue of 125 ml, 1 activator of 10 ml, 1 cleaner 10 ml, 1 brush, 1 PVC tissue and instructions. Available patch for PVC 20x15cm, code 1178-1.



**Code 1792  
POLYESTER  
CATALYST  
40gr.**



**Code 1182  
POWERFUL  
BONDING GLUE  
20gr.**

**SPARE REPAIR PVC PATCH**  
Suitable for PVC fabric

Code	Dimensions cm	Color
1178-1	20x15	GREY
1178-1 GR	22x19	GREY
1178-1 BL	22x19	BLUE
1178-1 BLACK	22x19	BLACK



**REPAIR PATCH FOR NEOPRENE**  
Suitable for NEOPRENE fabric

Code	Dimensions cm	Color
1179-1	20x15	GREY



**Code 1179  
GLUE FOR NEOPRENE  
INFLATABLE BOATS**

Includes 1 glue of 125 ml, 1 activator of 10 ml, 1 brush, 1 neoprene tissue, 1 paper glass and instructions. Available patch for Neoprene 20x15cm, code 1179-1.



**POWERFUL SEALING PRODUCT**  
For multiple use, based on ms polymer. (silyl modified polymer). **290 ml.**

Code
2363 - WHITE
2363 - BLACK



**SIMSON MSR Construction Adhesive  
CONSTRUCTION MARINE ADHESIVE**

Specially developed for bonding and sealing applications in the yacht- and boat building industry. Bonding push borders, deck coverings, sheets, bonding and sealing deck fittings and deck hatches and portholes. It can be paint with all types of paint.

Code	Content
4642 -2 WHITE	600 ml
4642 -2 BLACK	600 ml



**Code 1755-30  
MATT CHEM - BIO-ZYM**

**Water Purifier for Holding Tanks**

Water-soluble bacteriological dosage which eliminates organic elements on a continuous basis. Liquefies rapidly all organic waste products - Prevents pipes being blocked - Stops unpleasant odours caused by fermentation. Biodegradable. Can of 6 doses of 30 gr.

**Code 1755-31  
MATT CHEM - CUIR MOUSSE  
LEATHER CLEANER IN FOAM**

Removes perfectly grease, oil and tar marks on leather products. Cleans without any damage to the stitching. Manufactured from ingredients chosen for their biodegradability and their compatibility with the environment. 150 ml.



**Code 1755-27  
GALVANIZATION SPRAY ZINC**

Galvanization spray for protecting of recovering oxidized, rusty and chrome surfaces. Provides long term protection against corrosion. Spray on clean and dry surface the first layer and after 15 minutes the second one. Coverage approx. 4m2/400ml  
Content 500 ml (spray)



**Code 1755-29  
TEAK CLEANER WITH BUILT IN  
ABSORBER - TECK-NET**

Alkaline based cleaner especially developed to clean teak decks. Remove slimy marks, oil stains which are harmful to the natural colour of teak. Cleans the teak, preparing it for BRIGHT TECK which must be applied subsequently. Does not affect the caulking. Very concentrated product which must be diluted before use . Biodegradable. 300 ml.



**Code 1755-32  
STORAGE PROTECTION  
FOR OUT-BOARD ENGINES**

Gives optimum storage protection for outboard motors. Protects outboard motors against corrosion and oxidation, resulting from the aggressive saline atmosphere. Having hydrophobic characteristics, repels the humidity responsible for oxidation and corrosion. Deposits a non-brittle protective film on the surface. 150 ml.



**Code 1755-34  
MATT CHEM - GELCOAT PAINT**

White paint that is specially formulated for use on fiberglass (epoxy resin, gelcoat and polyester resin). Quick and easy application saves you time and effort. Fast drying. Good coverage. Not flaked off with time and respects the support's quality namely its texture and its aspect. Resists to ultraviolet rays.. Colours : White Pure 150 ml. (spray)





**Code 4259**  
**EVAL CLEANING SET**

It contains two 25,5cm brushes, one with soft and one with stiff bristles and also a telescopic anodized aluminum pole with flow thru system that allows water to pass thru. The brushes are made of Polypropylene and PVC parts for maximum strength on the sun, with flow thru system and all around protected with rubber to protect your boat from scratches. The length of the pole is adjustable from 130cm-180cm. Connect the pole with your water hose and any of the set's brushes and make the cleaning a simple job.



**Code 4229**  
**DECK BRUSH KIT**

Includes soft non-scratch brush with squeegee end for easy cleaning and telescopic 64 cm to 103 cm aluminum pole.



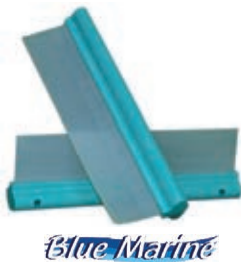
**3M SCOTCH-BRITE**  
**PROTECTIVE GLOVES**

Code	Size
1755-11 L	Large
1755-11 M	Medium



**Code 4224**  
**CLEANING SET FOR BOATS**

Includes: Telescopic aluminum pole, Hook Two Brushes  
Pole length closed : 70cm  
Pole length open : 127cm



**Code 4566**  
**SILICONE BLADE - HYDRA FLEXI**

Special Raiser made of silicone, optimal to dry quickly any kind of smooth surface without the use of rags. The high adhesion of the silicone blade avoids moreover scratches on the surface, leaving them perfectly dry. Comfortable, light with a manageable grip.  
Dimensions: 32x10 cm.



**Code 4383**  
**U type brush**

Brush with thick and soft bristle. It contains flow thru system with standard european thread.

Code	Width	Depth	Height	Weight
4383	280mm	150mm	100mm	0,52kg



**BRUSH WHITE**

Code	Width mm
4358-1	48
4358-2	83
4358-3	73
4358-4	108
4358-5	98,5



**BRUSH BLACK**

Code	Width mm
4359-1	48
4359-2	83
4359-3	73
4359-4	108
4359-5	98,5



**Code 4567**  
**PVA SYNTHETIC CHAMOIS**

A quality high absorbent PVA synthetic chamois, it is more absorbent than any natural or synthetic chamois. Ideal to clean and dry cars, boats, glasses and any kind of surface.

It cleans, polishes and dries instantly any surface without leaving spots streaks or watermarks.

Directions for use: We recommend rinsing well your PVA chamois with water and soap after each use; stores in its own wet reusable tube. If you leave your PVA chamois unused for a long period, it may dry and harden; in this case dip it into water before use.

Dimensions: 66x43x0.2 cm



**FOLDING BUCKET WITH**  
**STAINLESS STEEL GRIP**

Code	Capacity lt	Diameter cm
3233	9	25



**PLASTIC BUCKET WITH**  
**STAINLESS STEEL GRIP**

Code	Capacity lt	Diameter cm
3178	12	37

# INDEX

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# MEASURING UNITS

## DISTANCE

	m	ft	inch	yard	mile	n.m.
1 m	1	3,28	39,37	1,093	-	-
1 ft	0,3048	1	12	0,33	-	-
1 inch	0,0254	0,083	1	0,027	-	-
1 yard	0,9144	3	36	1	-	-
1 mile	1609,34	-	-	-	1	0,869
1 n.m.	1852	-	-	-	1,15	1

ft	m
1	0,3
2	0,6
3	0,9
4	1,2
5	1,5
6	1,8
7	2,1
8	2,4
9	2,7
10	3

inch	m.m.
1/16"	1,59
1/8"	3,18
3/16"	4,76
1/4"	6,35
3/8"	9,53
1/2"	12,7
5/8"	15,87
3/4"	19,05
7/8"	2,22

## VOLUME

	lt	m <sup>3</sup>	Gallon
1 lt	1	0,001	0,2642
1 m <sup>3</sup>	1000	1	264,2
1 gallon (US)	3,785	0,0038	1

## SPEED

	km/h	mph	knot
1 km/h	1	0,621	0,54
1 mph	1,609	1	0,87
1 knot	1,852	1,15	1

## PRESSURE

	Bar	PSI	Atm
Bar	1	14,504	0,987
PSI	0,069	1	0,068
Atm	1,013	14,696	1

## SYMBOLS

L:	Length
W:	Width
H:	Height
Ø:	Diameter
m:	Meters
cm:	Centimeters
mm:	Millimeters
inch:	Inches
kg:	Kilograms
gr:	Grammars
lt:	Liters
ml:	Milliliter
V:	Volt
W:	Watt
GPH:	Gallons per hour
PSI:	Pressure unit

## TEMPERATURE

°C	°F
10	14
0	32
10	50
20	68
30	86
40	104
50	122
100	212
°C=(0,55 X °F)-17,78	
°F)=(1,8 X °C)-32	

## BEAUFORT

BEAUFORT	KNOTS
1	2-3
2	4-7
3	8-11
4	12-16
5	17-21
6	22-27
7	28-33
8	34-40
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## NOTES

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# International & national presents



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**Head offices**

**Factory plants**

Location Tzaverdella

133 10 Ano Liosia

P.O.BOX 460 21

Athens Greece

T : +30 210 55 90 872

F : +30 210 55 90 871

E : [export2@eval.gr](mailto:export2@eval.gr)

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