

Rubber Bearing

Our new cone fender product design from the beginning to now has gone through three generations of development, we in the design and development process of the new generation of products, in-depth exchanges with our customers, make full use of the valuable suggestions they put forward, at present the latest development of the third generation of conical fender products in the optimization of the stability of the product structure, the size and the compressive deformation capacity, while reducing the complexity of installation, by improving the various details of the reducing installation workload, reduce the failure



probability of the installation personnel. At present our company representative models of conical fenders are Cone500, Cone600, Cone 700, Cone800, Cone900, Cone1000, Cone1100, Cone1200, Cone1300, Cone1400, Cone1500, has all the conical fender size range. At the same time, we can also according to customer requirements made to meet their requirements of size. At present, our cone fender products have been sold to Europe and Southeast Asia in great quantities, and very good feedback has been achieved.

Features of Cone Type Rubber Fender

The third generation product of cell fender is of more reasonable structure with increased deflection, high energy absorption and longer service time.

Better performance in angular compression which will not reduce below 10* loading.

Versatile specifications meet numerous design requirements.

Versatile performance is available by adjusting compound formulation.

Front Panel and face pad can be installed in the front to reduce the shear loading a lot.

Easy and fast for installation.

Pre-built in Uring: holding chains

Anchor Bolt & nut: fasten fenders onto dock

Chains(including tensile chain, weight chain & shear chain):

1. limited fender deflection while fender local part under strain

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2. support the front panel to avoid sagging
3. prevent fender system from shear deflection

Front panel: reduce surface pressure in avoid of damage offender & vessels

Face pad: reduce friction coefficient to protect the hull

Steel mount: increase fender performance

Connector: connect the fender & front panel

Buffer: absorb ship berthing energy to protect dock and vessels

D Type Rubber Fender

The D type rubber fender is one of the most commonly used fenders on the market. It is suitable for wharf and ship side. D-type rubber fender manufacturer - DPN improved on the previous generation of D fenders, and rated, compression, deflection, reaction, force, energy, absorption all exceeded design standards so that they have better applicability and durability. At present, D type fender has been developed in various models, including D200 series, D300 series, D400 series and D500 series. At the same time, we can also make customized production according to the size of the customer's drawings.



Introduction of D Type Rubber Marine Fender

The D fenders we have installed for European customers have been in use for nearly 5 years without any skin lesions. Normally, we can guarantee the long service time of our products. At least 10 years can be guaranteed on the premise of no man-made damaged. This is also why our products sell so well.

In the aftermarket, through the DPN rubber system, we have established a good communication mechanism with the owner and we continue to improve our products. Our fender products use imported rubber from Thailand to ensure product quality from the source. At the same time, we are using advanced vulcanization technology to ensure that products are tasteless, non-toxic and green.

D Type Rubber Fender Metal accessories

Pressboard

Anchoring bolt

Nut

Washer

Every pre-built-in bolts are outfitted with corresponding nuts, washer, and spring washer.

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D Type Rubber Fender Features

suitable reaction force, with higher energy absorption than cylindrical rubber fenders.

Easy for installation

Applicable for frame dock and ships due to the smaller bottom width.

Something the designer need to consider to design the Drubber fender

The role of the hull and dock on the ship component of the reaction force;

The fender absorbs the ship after the deformation of its dynamic size:

The fender deformation caused by the reaction force in the hull:

The relative stiffness of the fender:

Non-forward squeeze when the side of the effectiveness of suction energy:

The rate at which the fender is decelerating the speed of the ship;

Changes in environmental conditions during the ship berthing:

The fender coefficient between the fender system and the hull:

Factors that cause the fender or support fender to hit the ring;

Infrastructure investment and maintenance costs of fender and support components;

The berth of the design of the ship's ton range;

Hull and fender contact with the way:

Water level changes;

The angle between the waves of force.

[D type marine rubber fender supplier](#) - DPN waiting for your Choice

DGH Type Rubber Fender

DGH fender is a kind of fender product with unique design structure. The use of this replacement product makes it better to absorb energy. At the same time, DGH fender can provide better energy absorption function in a smaller area, and further reduce the cost of engineering for customers, thus receiving a considerable number of customers.

Through the best design of the ball layout, scraping nylon dipped cord can be evenly distributed on the load force of the sphere, the internal rubber layer is completely sealed.



1) High energy absorption and low reaction force.

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DGH fenders are the new generation of V fenders produced by [DPN Rubber](http://www.dpnrubber.com) with 3-3,5% increased energy absorption. That is: Application of the DGH super arch fender can reduce product height and save project cost.

2) Reasonable structure and long service time

The special structure design of the DGH fender greatly improve the stress concentration under compression deflection which prolongs its service time a lot.

3) The front panel was set on the top to protect the fender and reduce the surface pressure.

With front panel set on the top, the surface pressure is greatly reduced, and also the use of the face reduces the friction coefficient with ships increase the adaptability for the shearing force at ship berthing. Example of DGH fender application:

No pre-built-in steel plate and face pad on the top

Applicable for small docks and ships in abnormal shapes

Normally applied to small barges and fishing vessel

4) Easy for replacement

Because the DGH has the same bolt pitch as the V type, it can be easily used to replace the V type fender so as to obtain higher performance.

Our DGH rubber has already exported to the Euro market for many years and gained the good feedback.

DGH Type Rubber Fender Metal accessories

bolt

washer

pre-built-in nut

foot rod, footboard

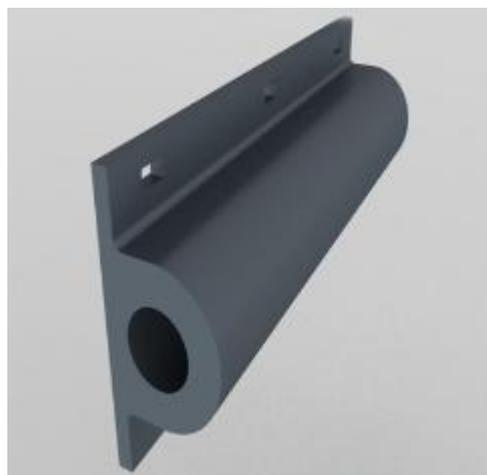
DO Type Rubber Fender

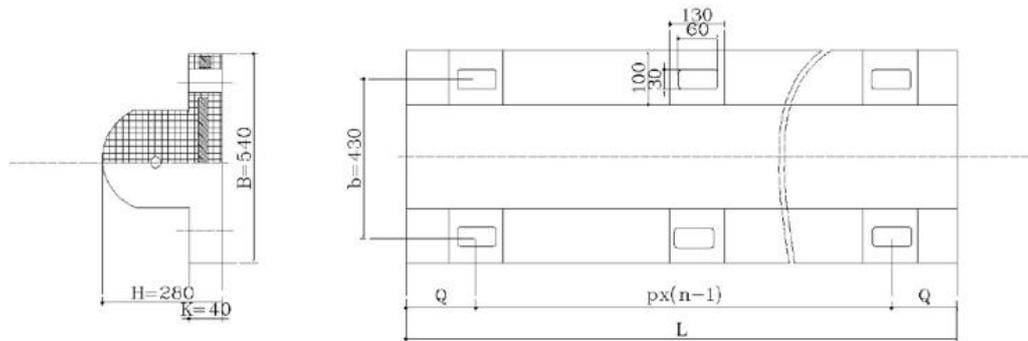
The [DO rubber fender](#) is an important member of our marine rubber fender system, and it is also the interested product of our clients, all these years, we have exported this kind of product to the Euro market a lot of times.

DO type fender is the improved generation of D type fender, it can be fixed with double line anchors which greatly increase the installation stability, it also can be integrated into other fender systems to reach the purpose of protecting the ships and docks.

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Improved and strengthened DO fenders allow better protection of the ship's hull and port. When we design DO fender, we take full advantage of the original design experience of D fender and perfect it from every detail so as to design a new DO fender. Our products pay particular attention to detail processing, and we make each dimension precise, so as to minimize the error as much as possible. Compared with other similar products, our products can be installed more accurately, convenient with better user experience.

Our model DO have been widely used in the fender Chinese major ports and large ships, including Jiangnan Shipyard, shipyard, Dalian shipyard, Shanghai port, Guangzhou port, Dalian Port and other international well-known shipyards. We provide high-quality products and perfect service for their customer service. And they communicate in a timely manner.

At present, our main products are the main types of DO280 series, DO300*600 series and DO300*540 series, the three series are derived from different lengths of the products, there are currently 1000, 1500, 2000, 2500, 3000 mainstream length, the width of 600540 and so on. At the same time, we can also provide special size products according to customer requirements.

If you want to know the details, please contact us we will reply you within 24 hours.

Accessories

Bolt

Washer

Pre-built-in nut

Extruded Fender

Extruded fenders are usually attached with bolts to the structure. They can be made in virtually any length then cut and drilled to suit each application. Pre-curved sections and special sizes are available on request.

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Extruded fender is a simple but very wide range of fender products that he can use almost anywhere. The purpose of our product design is to hope that he can be used as a versatile product with other fender products. It is small in size and can be used as a filling for many narrow positions, and it can also be used as a docking point for small ships. We combine this product with other products from the **DPN rubber fender** to provide customers with integrated solutions for complex environment such as product design and installation. When a customer in a complex environment, we can design according to the specific requirements of supporting customers, through the combination of different products, for customers to design the most appropriate and most cost-effective solutions for customer reference.



In recent years, our new product development process, through on-site visits, customer visits, feedback and other forms of continuous collection of product information, is committed to providing customers with better products and user experience.

At present, our extruded fender has played a very important role and also perfectly solved the problem of "last one piece of fender". A more uniform dispersion of the force condition of the product prolong the service life of the product.

We sincerely hope that we can communicate with you more. If you have any questions, please contact us, we have special technical people to answer you who will reply you within 24 hours.

- ✓ Available in almost any length
- ✓ Special pre-curves available
- ✓ Wide range of standard sizes

M Fender, Tug Fender

M rubber fenders are widely used on the bow or stern of boats or on the corners of docks or pontoons.

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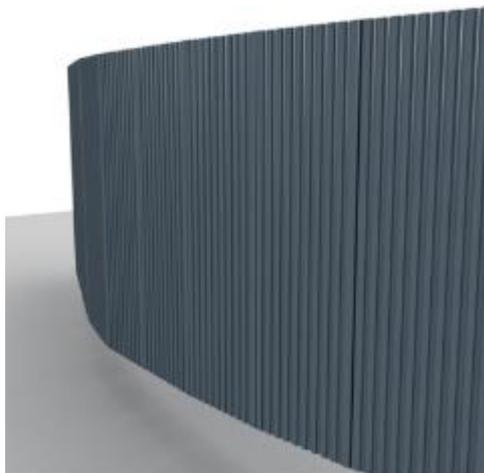


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The M shape of this fender provides flexibility and it can therefore easily follow the contour of a bow or stern. This type of fender has a wide and flexible contact surface. The grooves on the top provide extra grip and three flexible legs to ensure good contact and sturdy attachment. M fenders can be mounted on a small radius and they are relatively lighter than W fenders. The three mounting holes in M fenders facilitate easy and accurate installation.

M rubber fender is our advantage product of our industry, our clients including the Chinese Military. In the past years, we already served for kinds of clients all over the world and own the good feedback.

Also, we have already owned the certificate of ISO9001, ISO14001, and we test our product before they are delivered to our clients to ensure the best quality. Our technical staff will show our clients how to install and we will give clients the fully Installation instructions of these products.



The newest M rubber fenders have been further improved on the original M fenders, increasing the energy absorption index while reducing the counter force. The new M fenders are an important part of the DPN rubber system. They are divided into two models according to different standards of reaction, force and high reaction force. Customers can make different choices based on different requirements.

M fender pre-built-in blot specifications and M connection blot specifications include the type of M300, M400, M500, M600, M750, M800, M1000, M1250, M1450, M1600, also we can customized product as your requirement.

If you have any question, please contact us in time, you can visit our [DPN RUBBER](#) Workstation, also you can send us mail, we will reply you in the shortest possible time.

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PU Rubber Fender

PU fender is the latest results of our research, as the equipment of luxury yacht, we use the most advanced manufacturing process, the quality of polyurethane raw materials, through the continuous efforts of our technical staff, has developed the new polyurethane fender. This product is very suitable for yachts and other high-end ships.

The birth of this product marks that we have become Chinese first high-end PU fender manufacturers, but also to break the long-standing domestic manufacturers can only import high-end rubber fenders from abroad.

In terms of performance, both energy absorption and reaction force are multiples better than conventional rubber fenders, while the use area is much lower than that of conventional rubber fenders. At the same time, in terms of oxidation resistance, corrosion resistance, anti-aging, urethane fender has an unparalleled advantage. After testing, we believe that this product in the absence of damage to the premise of the use of time is much longer than ordinary rubber fenders, installation and maintenance is also easier and cheaper.



Features of PU fender

At the same time, in order to meet the high requirements of customers we do a lot of effort in color, our bureau polyurethane fender products can be customized according to customer requirements of different color products, instead of traditional fender products like black and gray, in order to meet the needs of high-end customers especially yacht manufacturers better.

At present, this product has opened the market in Italy and Holland, and our users have highly appreciated the products after the test. Our prices are much lower than those of other companies with same quality. We sincerely hope that you can have this product, and we also believe that this will be your most correct choice.

If you have any questions, connect us kindly, we will reply you within 24 hours.

Rectangular Fender

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Rectangular Fender is applicable for all kinds of wharf, dry dock and shipboard.

It is one of the most common fenders. We are the latest generation of Rectangular Fender to optimize the production process in detail, strength the energy absorption and reaction force. This product shape is regular, easy installation and maintenance, and can be used in conjunction with any DPN fender, has good versatility.



It's a simple but very mature design. The product has very strong durability. Our company has the capacity of full scale production and can be customized to different sizes according to customer's requirements. Current sizes include:150HB, 200HB, 250HB, 300HB, 350HB, 400HB, 500HB, 600HB.

The rectangular profile is the most rigid of the DPN rubber fender designs. It can be surface mounted where tidal actions are not a consideration and where berthing angles are low. It can be mounted horizontally or vertically behind timbers to provide extra cushioning where dock loading must be kept low. It can be pre-curved during extrusion for solid mounting on vessels. This versatility in protecting both structures and vessels is enhanced by a wide range of available sizes.

DolphinRubber's wide-ranging rubber fenders are manufactured in accordance with high-quality standards. We have successfully served for many customers all over the world. We promise the best design and materials for a low maintenance, long service life whatever your working demands and environmental conditions are. Using our exclusive solutions, we can offer you the best way with the least resources.

We believe that with our rich experience, we can offer suggestions to make the most suitable scheme.

For the very best end-to-end solutions, please connect [DPNRUBBER](#) Workstation.

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Also, we would like to meet you at Meijiang Convention and Exhibition Center for the China(Tianjin) International Offshore Engineering Equipment & Port Machinery Exposition 2017.

Shear Fender

Shear Fenders have a linear load-deflection characteristic in shear but remain stiff in compression to support heavy loads. The top and bottom steel plates are fully encased in rubber for protection and for minimising maintenance. Piles and simple frontal panels are often used in conjunction with Shear Fenders. Movement in shear should be limited by chains or other mechanical stops to prevent overload.

Shear Fender for sale Features

- ✓ Omni-directional
- ✓ Linear reaction curve
- ✓ Supports large weights
- ✓ Applications
- ✓ Ferry terminals
- ✓ General cargo berths
- ✓ Offshore boat landings
- ✓ Bridge protection
- ✓ Pontoon yokes



DolphinRubber's wide-ranging rubber fenders are manufactured in accordance with high quality standards. We have successfully served for many customs all over the world.

Our marine rubber fender have already produced this kind of products for over 20 years and severed kinds of customs.

We believe that with our rich experience, we can offer suggestions to make the most suitable scheme.

We provide customers with a full set of professional solutions for rubber products. This includes marine

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rubber fender products, engineering rubber, rail and bridge rubber, and so on. Our solutions include consulting, design, production, construction, installation, and after sale, and they form a complete DPN RUBBER sales system. In communicating with our customers, we will fully understand the requirements of our customers, and provide the most suitable solutions to customers, to ensure that customers can get the best products at the lowest cost. At present, all our products are in the [DPN RUBBER SYSTEM](#), they have the most accurate size standards, in any case collocation, can achieve the perfect product portfolio. We strongly recommend that our customers adopt a DPN RUBBER products that have a uniform production standard, and fundamentally eliminate the problems caused by different products and different quality. For the very best end-to-end solutions, please connect DPNRUBBER Workstation, you will get the reply immediately.

Also, we kindly invite you to meet us in Meijiang Convention and Exhibition Center for the China(Tianjin) International Offshore Engineering Equipment & Port Machinery Exposition 2017.

TUG Cylindrical Rubber Fender

TUG cylindrical rubber fender for sale is the most commonly used fender products of his scope than other products more widely, whether large or small tanker ship can be used, has a better protective effect on the ship and port. This product has a variety of mainstream size but also divided into standard and high force type, the two involved in compression deformation there is a certain difference, users can choose the appropriate model according to their own circumstances.



At present, DPN quality cylindrical rubber fender have already achieved very good sales in the European market, we have strict control on quality and make our products have very good feedback.

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Marine TUG cylindrical type rubber fender for sale Features

TUG [Cylindrical Dock Rubber](#) fender is applicable for the longitudinal and crosswise sway of ships when berthing at the dock.

TUG Cylindrical Rubber fender has low reaction forces, little surface pressure, and reasonable energy absorption.

TUG Cylindrical Rubber fender is especially applicable for upper part of integral docks and heavy style docks.

TUG Cylindrical Rubber fender is applicable for ships with different sizes.

Various installations styles such as horizontal vertical and diagonal, etc...

TUG Cylindrical fender accessories

The accessories for TUG Cylindrical fender include Shackle, chain, U-anchor, and so on. Our accessory products are equally strict with the accuracy and quality. All the installation process and fender products can be perfectly matched, there will be no difference in size caused by the problem.

Also, DPN discount cylindrical rubber fender for ship have already owned the certificate of ISO9001, ISO14001, and we test our product before they are delivered to our clients to ensure the best quality. Also, our technical staff will show our clients how to install, we will give clients the fully Installation instructions of these products.

At the same time, we can also provide special size products according to customer requirements.

If you want to know the details, please contact us we will reply you within 24 hours.

WType Rubber Fender

W fender is one of the most effective fender products at present. This particular design guarantees greater contact area and smaller surface pressure. At the same time, compared with other large fenders, the installation is very simple, and all of them are very popular in the current market. The W fender has been optimized in the past two generations to optimize the detail, make the flatness better, the accuracy higher and the less error.

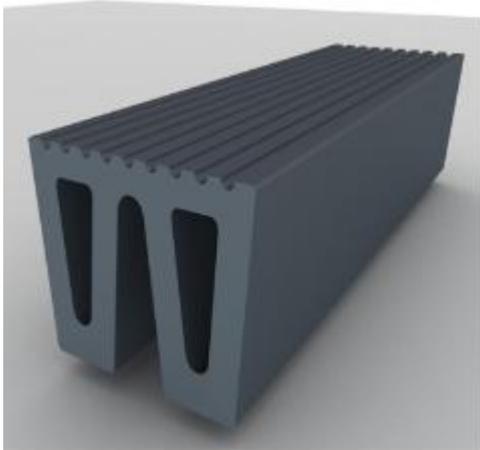
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Also, we can design the product size according to the customer's requirements, and optimize the purchasing content for the customers at the same time. We will communicate with customers according to the existing requirements of customers, and understand the exact needs of customers, so as to better provide customers with their products, reduce unnecessary cost expenditures. At the same time, the production time, we through the introduction of automated equipment, optimizing the production process, at the same time to improve the quality of the overall production efficiency by 70%, greatly reducing the delivery time, save a lot of time for customers.



Features of WType Rubber Fender

Special for ships

Large contact area and low surface pressure

Dolphin Rubber's wide-ranging rubber fenders are manufactured in accordance with high-quality standards. We have successfully served for many customs all over the world. We promise the best design and materials for a low maintenance, long service life whatever your working demands and environmental

conditions are. Using our exclusive solutions, we can offer you the best way with the least resources.

We believe that with our rich experience, we can offer suggestions to make the most suitable scheme.

For the very best end-to-end solutions, please connect DPNRUBBER Workstation with your full information, or the details of your item, we will give your advice according to your actual situation within 24 hours.

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