

Marine Chain

The functions of the marine anchor chain

The anchor is mainly used to fix and stabilize the ship. In the following ways:

1. When the anchor chain to work, the most basic condition is in the seabed and so on hook things. If the anchor chain is not long enough, the anchor won't work. If the bottom is flat, or something that is not a fixed anchor hook, or the hook is not too strong, or it is in smooth water but the waves are too big causing the anchor hook do not remember things, it will make the anchor lose function, this is called "anchor", the ship at anchor during the walk anchor is very dangerous, because the ship is at anchor when hosts are stopped, if it doesn't immediately set sail, no power around the boat drift is very dangerous. Therefore, the concept of anchorage, anchorage, implication, the bottom of the sea is relatively rough, in addition to shelter from the wind.
2. The weight of the [anchor chain](#) is negligible for the ship, and that point of friction will not make much difference. Generally speaking, the anchor ship and the anchor chain are straight, which is a basic way to ignore the friction force. If you are on the beach, you will find a lot of small fishing boats, their anchor chains are thick ropes.
3. On the ship, the anchor chain is straight, but under water there is a section parallel to the seabed (actually attached to the bottom of the sea). The anchor provides the grasping force, and then passes through the anchor chain to the ship, so as to resist the influence of the external load of the ocean current and the storm wave. For the position, there is a section that is attached to the bottom of the sea, so it is necessary to take the influence of the force into account. Think of an anchor, anchor stiff pull easily anchor. And there is a paragraph attached to the bottom of the sea, you can provide a margin in a certain range.



Marine Chain Structural features editor

Tel : +86-553-2663991

Email:info@dpnrubber.com



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The anchor chain is joined by a number of links, sized in diameter about (millimeters). According to the middle of the chain, there are no supporting gears, which are divided into chain anchor and non - stop chain. The chain can be made by forging, casting and welding. Hoist anchor, anchor chain store in the chain cabin amidships. The specifications of the anchor chain shall be calculated in accordance with the construction standards of the ship.

Marine Shackles

Marine Shackles Inspection editor

Should be smooth with no cracks, sharp edges and over burning defects, suspicious areas may be used magnifying glasses and other means of review.

Two times the safe load as the shackle test load test. The axle pin shall not be permanently deformed and can be turned freely after loosening. The increments in the length and dimensions of the fastener shall not exceed 0.25% or 0.5mm. 300 tons below the 2 times the safety load, as a test load test, more than 300 tons of 1.33 times the safety load, as a test load test

Shackle may sample reliability test. Load is two times the test load. No deformation fracture or shackle shackle can loss bearing capacity.

The safety load of shackle by M (4) level approval.

The buckle should be marked on strength level, safety signs and other signs.

Marine Shackles Scrap Standard Editor

There is obvious permanent deformation or shaft pin can not rotate freely.

The wear amount of any part of the buckle and axle pin is more than 10% of the original size.

Crack.

Shackle any.

Can not lock shackle.

After the test of unqualified shackle.



Shackle should be smooth, no crack, sharp edges, burning and other defects.

Prohibited the use of cast iron or steel shackle. The buckle can be made of calm steel, and the shaft pin can be machined with bar material.

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We can design speed bumps sizes and shapes according to customer requirements to ensure that the most suitable products are delivered to our customers. Also, we can also complete parking layout design for our customers.

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

We provide customers with a full set of professional solutions for rubber products. This includes marine 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 communication with our customers, we 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 series products that have a uniform production standard, and fundamentally eliminate the problems caused by different products and different quality.

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Mooring Bollards

At present, according to customer requirements, we have developed different specifications, different shapes of Mooring, Bollards. Our products are available to China's various terminals, shipyards, and even the Chinese military. Quality is first for our commitment to customers. In the absence of man-made damage on the premise, we can guarantee that its service life is 1-1.5 times other similar products. Our confidence comes from our high trust in product quality, high trust in R & D teams, and a high level of trust in our team.

At present, all our products are in the [DPN RUBBER SYSTEM](#), they have the most accurate size standards. In any case collocation, they can achieve the perfect product portfolio. We strongly recommend that our customers adopt a DPN RUBBER series products that have a uniform production standard, and fundamentally eliminate the problems caused by different products and different quality. If you have any question, please connect us, we will reply you within 24 hours.



Our mooring devices consist of bollards, cleats, and chocks used to secure boats and ships to docks, piers, and ports. These devices are engineered and constructed to the strictest specifications, and are supplied in the highest of quality for dependable performance.

[Mooring Bollards](#) is an important supporting equipment for the docks. As a supporting equipment for Wharf fender products, we also provide high quality Mooring Bollards products to our customers. In our opinion, the quality of supporting products also has a great impact on the overall fender system. We treat these accessory products with the highest quality standards and require them to reach the international advanced level of use. We can tailor the Mooring Bollards for each type of customer's requirements. They are combined with other fittings such as chain cables, which form a complete set of supporting systems for ships and docks.

Mooring Ropes

We cooperate with many companies which in HuaiLin town, Anhui Province, most of their products to

Tel : +86-553-2663991

Email:info@dpnrubber.com



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China large shipyards, docks and China army. Before we cooperate, we will take samples to the laboratory of University of Science and Technology of China for testing, so as to strictly guarantee the quality of [Mooring Ropes](#), guarantee the tension and tension of Mooring Ropes and wear resistance.

We strongly recommend that our customers adopt a DPN RUBBER range of products that have a uniform production standard, and fundamentally eliminate the problems caused by different products and different quality.

If you have any question, please connect us, we will reply you within 24 hours.



The cable has tensile strength, impact resistance, abrasion resistance, flexibility, light performance, for binding the ship's multi rope. Requires the tensile strength, impact resistance, abrasion resistance, flexibility and performance of light.

The commonly used wire rope, linen or cotton rope; after synthetic fiber, nylon, polypropylene, has been mostly used for making polyester vinylon, etc.. In addition, synthetic fiber cable light weight high strength, impact resistance and good abrasion resistance, has the advantages of corrosion resistance, mildew, moth resistance etc.. Such as nylon rope strength and fastness to wear more than hemp, cotton rope several times, polypropylene rope weight is less than water, can float on the water surface, easy to operate, safe. According to the processing structure of chemical fiber rope, it is divided into 3 strands, multi strands twisted rope and 8 strands and two stranded cables. 3 strands are generally 4~50 millimetres in diameter, and 8 strands are generally 35~120 millimetres in diameter. Chemical fiber ropes are widely used in transportation, industry, mine, sports and fishery, except for mooring cables. In accordance with special needs, it can also be incorporated into the cable core metal materials.

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Email: info@dpnrubber.com