



Stud Link Anchor Chain Proof Load and Breaking Load

The anchor chain refers to the component that attaches the anchor to the boat or structure and is usually referred to as the anchor rode (or anchor cable). It is superior to conventional methods in terms of strength and load-bearing.


How are Anchor Chains Made? Anchor chains are made of high-strength steel, which is resistant to corrosion and abrasion. The steel is typically alloyed with other metals such as manganese, chromium, and nickel to increase its strength and durability.

Its primary purpose is to provide a mechanism for ships and boats to hold their position either during berthing and mooring operations at ports or for large offshore installations such as semi-submersible oil rigs to remain stationary above an oil deposit. The length of the single chain (27.5Mtr) of the anchor chain is derived from the imperial unit fathom. It is a unique unit of length for sea use; 1 fathom is equal to 1.8288 meters, probably a person it is the length of the white man's arms. It is easy to measure at sea. It is similar to the source of the foot.

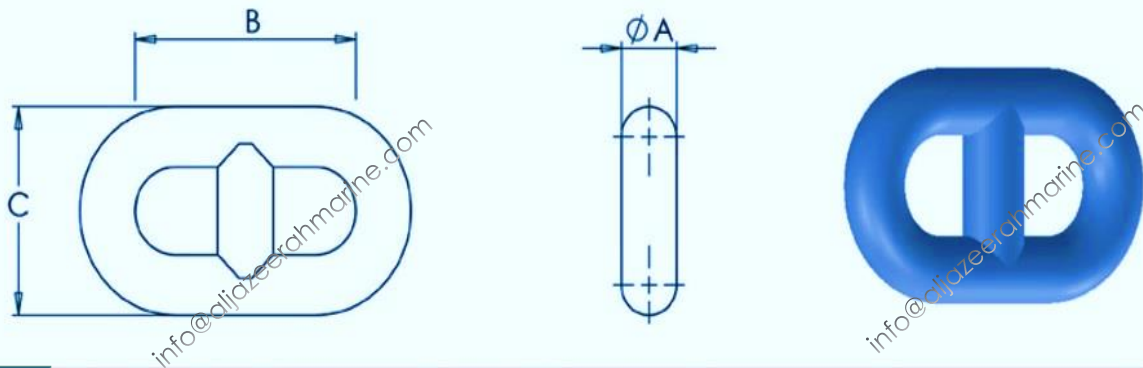
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| Chain Size (mm) A | Dimensions (mm) | | Dims over 5 Links | | Weight Per M (Kg) | U2 | | U3 | |
|-------------------------|-----------------|-----|-------------------|-----------|-------------------------|---------------------|---------------------|---------------------|---------------------|
| | B | C | Min. (mm) | Max. (mm) | | Proof Force (kN) | Break Force (kN) | Proof Force (kN) | Break Force (kN) |
| 14 | 56 | 50 | 308 | 316 | 4.4 | 82 | 116 | 116 | 165 |
| 16 | 64 | 58 | 352 | 361 | 5.6 | 107 | 150 | 150 | 216 |
| 17.5 | 70 | 63 | 385 | 395 | 6.8 | 127 | 180 | 180 | 256 |
| 19 | 76 | 68 | 418 | 428 | 8.1 | 150 | 211 | 211 | 301 |
| 20.5 | 82 | 74 | 451 | 462 | 9.4 | 175 | 245 | 245 | 350 |
| 22 | 88 | 79 | 484 | 496 | 10.8 | 200 | 280 | 280 | 401 |
| 24 | 96 | 86 | 528 | 541 | 12.9 | 237 | 332 | 332 | 476 |
| 26 | 104 | 94 | 572 | 586 | 15.1 | 278 | 390 | 390 | 556 |
| 28 | 112 | 101 | 616 | 631 | 17.5 | 321 | 449 | 449 | 642 |
| 30 | 120 | 108 | 660 | 677 | 19.9 | 368 | 514 | 514 | 735 |
| 32 | 128 | 115 | 704 | 722 | 22.2 | 417 | 583 | 583 | 833 |
| 34 | 136 | 122 | 748 | 767 | 25.4 | 468 | 655 | 655 | 937 |
| 36 | 144 | 130 | 792 | 812 | 29.0 | 523 | 732 | 732 | 1050 |
| 38 | 152 | 137 | 836 | 857 | 32.3 | 581 | 812 | 812 | 1160 |
| 40 | 160 | 144 | 880 | 902 | 35.8 | 640 | 896 | 896 | 1280 |
| 42 | 168 | 151 | 924 | 947 | 39.4 | 703 | 981 | 981 | 1400 |
| 44 | 176 | 158 | 968 | 992 | 43.0 | 769 | 1080 | 1080 | 1550 |
| 46 | 184 | 166 | 1012 | 1037 | 47.0 | 837 | 1170 | 1170 | 1680 |
| 48 | 192 | 173 | 1056 | 1082 | 51.0 | 908 | 1280 | 1280 | 1810 |
| 50 | 200 | 180 | 1100 | 1128 | 55.0 | 981 | 1370 | 1370 | 1960 |
| 52 | 208 | 187 | 1144 | 1173 | 59.0 | 1060 | 1480 | 1480 | 2110 |
| 54 | 216 | 194 | 1188 | 1218 | 64.0 | 1140 | 1600 | 1600 | 2270 |
| 56 | 224 | 202 | 1232 | 1263 | 68.0 | 1220 | 1710 | 1710 | 2450 |
| 58 | 232 | 209 | 1276 | 1308 | 73.0 | 1300 | 1810 | 1810 | 2600 |
| 60 | 240 | 216 | 1320 | 1353 | 79.0 | 1380 | 1950 | 1950 | 2770 |

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