

Testing Load of Stud Link Anchor Chain and Accessories



| Chain Dia mm | Proof Load (KN) | | | Breaking Load (KN) | | | Approx Mass (27.5m) kg |
|--------------|-----------------|---------|---------|--------------------|---------|---------|------------------------|
| | Grade 1 | Grade 2 | Grade 3 | Grade 1 | Grade 2 | Grade 3 | |
| 12.5 | 46 | 65.7 | - | 66 | 92.2 | - | 98 |
| 14 | 58 | 82.4 | - | 82 | 116 | - | 122 |
| 16 | 76 | 107 | 150 | 107 | 150 | 216 | 161 |
| 17.5 | 89 | 127 | 179 | 127 | 179 | 256 | 193 |
| 19 | 105 | 150 | 211 | 150 | 211 | 301 | 227 |
| 20.5 | 123 | 175 | 244 | 175 | 244 | 349 | 264 |
| 22 | 140 | 200 | 280 | 200 | 280 | 401 | 305 |
| 24 | 167 | 237 | 332 | 237 | 332 | 476 | 362 |
| 26 | 194 | 278 | 389 | 278 | 389 | 556 | 425 |
| 28 | 225 | 321 | 449 | 321 | 449 | 642 | 493 |
| 30 | 257 | 368 | 514 | 368 | 514 | 735 | 566 |
| 32 | 291 | 417 | 583 | 417 | 583 | 833 | 644 |
| 34 | 328 | 468 | 655 | 468 | 655 | 937 | 727 |
| 36 | 366 | 523 | 732 | 523 | 732 | 1050 | 815 |
| 38 | 406 | 581 | 812 | 581 | 812 | 1160 | 909 |
| 40 | 448 | 640 | 896 | 640 | 896 | 1280 | 1007 |
| 42 | 492 | 703 | 981 | 703 | 981 | 1400 | 1110 |
| 44 | 538 | 769 | 1080 | 769 | 1080 | 1540 | 1218 |
| 46 | 585 | 837 | 1170 | 837 | 1170 | 1680 | 1331 |
| 48 | 635 | 908 | 1270 | 908 | 1270 | 1810 | 1450 |
| 50 | 686 | 981 | 1370 | 981 | 1370 | 1960 | 1573 |
| 52 | 739 | 1060 | 1480 | 1060 | 1480 | 2110 | 1701 |
| 54 | 794 | 1140 | 1590 | 1140 | 1590 | 2270 | 1835 |
| 56 | 851 | 1220 | 1710 | 1220 | 1710 | 2430 | 1973 |
| 58 | 909 | 1290 | 1810 | 1290 | 1810 | 2600 | 2117 |

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|--------------|-----------------|---------|---------|--------------------|---------|---------|------------------------|
| | Grade 1 | Grade 2 | Grade 3 | Grade 1 | Grade 2 | Grade 3 | |
| 60 | 969 | 1380 | 1940 | 1380 | 1940 | 2770 | 2265 |
| 62 | 1030 | 1470 | 2060 | 1470 | 2060 | 2940 | 2419 |
| 64 | 1100 | 1560 | 2190 | 1560 | 2190 | 3130 | 2577 |
| 66 | 1160 | 1660 | 2310 | 1660 | 2310 | 3300 | 2741 |
| 68 | 1230 | 1750 | 2450 | 1750 | 2450 | 3500 | 2909 |
| 70 | 1290 | 1840 | 2580 | 1840 | 2580 | 3690 | 3080 |
| 73 | 1390 | 1990 | 2790 | 1990 | 2790 | 3990 | 3353 |
| 76 | 1500 | 2150 | 3010 | 2150 | 3010 | 4300 | 3634 |
| 78 | 1580 | 2260 | 3160 | 2260 | 3160 | 4500 | 3828 |
| 81 | 1690 | 2410 | 3380 | 2410 | 3380 | 4820 | 4128 |
| 84 | 1800 | 2580 | 3610 | 2580 | 3610 | 5160 | 4440 |
| 87 | 1920 | 2750 | 3850 | 2750 | 3850 | 5500 | 4762 |
| 90 | 2050 | 2920 | 4090 | 2920 | 4090 | 5840 | 5097 |
| 92 | 2130 | 3040 | 4260 | 3040 | 4260 | 6080 | 5326 |
| 95 | 2260 | 3230 | 4510 | 3230 | 4510 | 6440 | 5679 |
| 97 | 2340 | 3340 | 4680 | 3340 | 4680 | 6690 | 5920 |
| 100 | 2470 | 3530 | 4940 | 3530 | 4940 | 7060 | 6292 |
| 102 | 2560 | 3660 | 5120 | 3660 | 5120 | 7320 | 6546 |
| 105 | 2700 | 3850 | 5390 | 3850 | 5390 | 7700 | 6937 |
| 107 | 2790 | 3980 | 5570 | 3980 | 5570 | 7960 | 7204 |
| 111 | 2970 | 4250 | 5940 | 4250 | 5940 | 8480 | 7752 |
| 114 | 3110 | 4440 | 6230 | 4440 | 6230 | 8890 | 8177 |
| 117 | 3260 | 4650 | 6510 | 4650 | 6510 | 9300 | 8613 |
| 120 | 3400 | 4850 | 6810 | 4850 | 6810 | 9720 | 9060 |
| 122 | 3500 | 5000 | 7000 | 5000 | 7000 | 9990 | 9360 |

(Remark: All Weights & Dimensions are approximate, the measurements may vary between different factories)

