



Heavy Duty Bow Shackle BN Van Beest Green Pin® P-6036

Product information

The Green Pin® Heavy Duty Bow Shackle BN is a high load capacity bow shackle with a safety bolt. The Green Pin® Heavy Duty Bow Shackle BN is a good choice for heavy lifting projects and is suitable for both one-leg en multi-leg systems. When rotation of the pin is a risk, this shackle's safety bolt prevents accidental unscrewing. Another important feature of the product is that the Green Pin® Heavy Duty Bow Shackle BN conforms to a wide range of certifications. For example, Heavy Duty Shackles of 150T and higher include a Lloyd's proofload test certificate. The Green Pin® Heavy Duty Bow Shackle BN is available in a range with a working load limit from 120 up to 1500 ton.

Certification on request: 2.1, 2.2, 3.1, MTCa, MTCb, LROS, MPLa, USa

Material: Bow and pin alloy steel, quenched and tempered.

Marking: CE-marked

Finish: Shackle bow painted silver, pin painted green

Note: This shackle can also be delivered with fixed nut (an extra AISI 316 securing bolt is drilled through both the nut and shackle pin. This securing bolt is fastened with two sets of Nord-Lock®)

Safety factor: 5:1

Grade: 8

| Part code | WLL (metric) tonnes | A in | B in | C in | D, in | e mm in | f mm in | g mm in | h mm in | i mm in | j mm in | k mm in | Weight lb |
|--------------|------------------------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|--------------|
| 420112000970 | 120 | 3.74 | 3.74 | 8.19 | 3.74 | 5.79 | 15.75 | 9.37 | 25.47 | 17.83 | 16.85 | 1.97 | 242.51 |
| 420115000970 | 150 | 4.13 | 4.25 | 9.37 | 4.13 | 6.65 | 16.14 | 10.83 | 27.09 | 19.53 | 19.09 | 1.97 | 352.74 |
| 420120000970 | 200 | 4.72 | 5.12 | 10.98 | 4.72 | 7.05 | 20.2 | 11.42 | 32.99 | 22.2 | 20.87 | 2.76 | 518.09 |
| 420125000970 | 250 | 5.12 | 5.51 | 11.77 | 5.12 | 8.07 | 21.81 | 12.01 | 35.59 | 24.17 | 22.24 | 2.76 | 650.36 |
| 420130000970 | 300 | 5.51 | 5.91 | 12.8 | 5.51 | 8.07 | 24.33 | 12.01 | 39.21 | 25.35 | 23.03 | 3.15 | 811.3 |
| 420140000970 | 400 | 6.69 | 6.89 | 14.8 | 6.46 | 9.09 | 26.3 | 12.8 | 43.86 | 27.17 | 26.18 | 2.76 | 1,234.59 |
| 420150000970 | 500 | 7.09 | 7.28 | 15.67 | 6.46 | 10.08 | 28.27 | 13.78 | 46.85 | 28.35 | 27.95 | 2.76 | 1,510.17 |
| 420160000970 | 600 | 7.87 | 8.07 | 17.48 | 7.44 | 11.1 | 28.27 | 14.76 | 48.94 | 31.89 | 30.51 | 2.76 | 1,940.07 |
| 420170000970 | 700 | 8.27 | 8.46 | 17.87 | 8.03 | 12.13 | 28.27 | 15.75 | 49.72 | 34.25 | 32.28 | 2.76 | 2,160.53 |
| 420180000970 | 800 | 8.27 | 8.66 | 18.27 | 8.03 | 12.13 | 28.27 | 15.75 | 50 | 34.25 | 32.28 | 2.76 | 2,425.09 |
| 420190000970 | 900 | 8.66 | 9.06 | 19.09 | 8.46 | 12.91 | 28.27 | 16.54 | 51.02 | 36.22 | 33.86 | 2.76 | 2,821.92 |
| 420110000971 | 1,000 | 9.45 | 9.45 | 20.28 | 8.46 | 13.74 | 28.27 | 16.54 | 52.6 | 37.01 | 35.43 | 2.76 | 3,218.75 |
| 420112500971 | 1,250 | 10.24 | 10.63 | 23.03 | 9.06 | 14.53 | 30.24 | 17.72 | 57.32 | 40.35 | 38.19 | 2.76 | 4,387.2 |
| 420115000971 | 1,500 | 11.02 | 11.42 | 24.61 | 9.06 | 14.53 | 32.2 | 17.72 | 61.26 | 40.35 | 39.76 | 2.76 | 5,291.1 |

Blueprint

