



Green Pin[®] Bow Shackle SC

Standard bow shackle with screw collar pin



Highlights

- ✓ Screw pin for quick (dis)assembly
- ✓ Galvanization assures long-term durability
- ✓ Suitable for both one-leg and multi-leg systems
- ✓ Conforms to wide range of certifications (e.g. DNV)
- ✓ Superior stock availability of 99%

Description

The Green Pin[®] Bow Shackle SC is a bow shackle with a screw collar pin. The screw pin enables quick (dis)assembly which makes the shackle perfect for rigging activities in which assembly and disassembly occur relatively frequently. The Green Pin[®] Bow Shackle SC can be used for both one-leg and multi-leg systems. Due to the galvanization of the shackle its long-term durability is assured. The shackle's design reduces the wear of (wire) rope as the screw thread is hidden in a chamber. Particularly important for use offshore, the Green Pin[®] Bow Shackle SC conforms to a wide range of certifications from class societies such as DNV GL. The shackle is available in a range with a working load limit from 0.33 up to 55 ton.

Product details

| | |
|----------------------|---|
| Productcode | G-4161 |
| Material | bow and pin high tensile steel, Grade 6, quenched and tempered |
| Safety factor | MBL equals 6 x WLL |
| Finish | hot dipped galvanized |
| Certification | 2.1 2.2 3.1 MTCa DNVGL-ST-0378 CE ABS PDA ABS MA |
| Standard | EN 13889 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 2, Grade A, from 2 t and upward these shackles comply with ASME B30.26 |



Green Pin® Bow Shackle SC

Technical specifications in millimeters

| Article code | working load limit | A diameter bow | B diameter pin | C diameter eye | D width eye | E width inside | F length inside | G width bow | H length | I length bolt | J width | Net weight (kg) |
|--------------|--------------------|----------------|----------------|----------------|-------------|----------------|-----------------|-------------|----------|---------------|---------|-----------------|
| GPGHBB05 | 0,33 | 5 | 6 | 12 | 5 | 9,5 | 22 | 16 | 36 | 29,5 | 26 | 0.02 |
| GPGHBB06 | 0,5 | 7 | 8 | 16 | 7 | 12 | 29 | 20 | 48 | 38 | 34 | 0.05 |
| GPGHBB08 | 0,75 | 9 | 10 | 20 | 9 | 13,5 | 32 | 22 | 56 | 46,5 | 40 | 0.10 |
| GPGHBB10 | 1 | 10 | 11 | 23 | 10 | 17 | 37 | 26 | 64 | 54 | 46 | 0.14 |
| GPGHBB11 | 1,5 | 11 | 13 | 25 | 11 | 19 | 43 | 29 | 73 | 59,5 | 51 | 0.19 |
| GPGHBB13 | 2 | 13,5 | 16 | 34 | 13 | 22 | 51 | 32 | 90 | 73 | 59 | 0.36 |
| GPGHBB16 | 3,25 | 16 | 19 | 40 | 16 | 27 | 64 | 43 | 110 | 89 | 75 | 0.63 |
| GPGHBB19 | 4,75 | 19 | 22 | 46 | 19 | 31 | 76 | 51 | 129 | 103 | 89 | 1.01 |
| GPGHBB22 | 6,5 | 22 | 25 | 52 | 22 | 36 | 83 | 58 | 144 | 119 | 102 | 1.50 |
| GPGHBB25 | 8,5 | 25 | 28 | 59 | 25 | 43 | 95 | 68 | 164 | 137 | 118 | 2.21 |
| GPGHBB28 | 9,5 | 28 | 32 | 67 | 28 | 47 | 108 | 75 | 186 | 153 | 131 | 3.16 |
| GPGHBB32 | 12 | 32 | 35 | 73 | 32 | 51 | 115 | 83 | 201 | 170 | 147 | 4.31 |



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|-----------------|--------------------|----------------|----------------|----------------|-------------|----------------|-----------------|-------------|----------|---------------|---------|-----------------|
| GPGHBB35 | 13,5 | 35 | 38 | 79 | 35 | 57 | 133 | 92 | 227 | 186 | 162 | 5.58 |
| GPGHBB38 | 17 | 38 | 42 | 88 | 38 | 60 | 146 | 99 | 249 | 203 | 175 | 7.43 |
| GPGHBB45 | 25 | 45 | 50 | 104 | 45 | 74 | 178 | 126 | 300 | 243 | 216 | 12.5 |
| GPGHBB50 | 35 | 50 | 57 | 112 | 50 | 83 | 197 | 138 | 332 | 272 | 238 | 17.2 |
| GPGHBB57 | 42,5 | 57 | 65 | 132 | 57 | 95 | 222 | 160 | 378 | 310 | 274 | 26.3 |
| GPGHBB65 | 55 | 65 | 70 | 145 | 65 | 105 | 260 | 180 | 433 | 344 | 310 | 37.6 |

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Technical specifications in inches

| Article code | A diameter bow (inch) | B diameter pin (inch) | C diameter eye (inch) | D width eye (inch) | E width inside (inch) | F length inside (inch) | G width bow (inch) | H length (inch) | I length bolt (inch) | J width (inch) | Net weight (LBS) |
|--------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|------------------------|--------------------|-----------------|----------------------|----------------|------------------|
| GPGHBB05 | 3/16 | 1/4 | 1/2 | 3/16 | 3/8 | 7/8 | 5/8 | 1 13/32 | 1 5/32 | 1 1/32 | 0.05 |
| GPGHBB06 | 1/4 | 5/16 | 5/8 | 9/32 | 15/32 | 1 5/32 | 25/32 | 1 7/8 | 1 1/2 | 1 11/32 | 0.12 |
| GPGHBB08 | 5/16 | 3/8 | 25/32 | 11/32 | 17/32 | 1 1/4 | 7/8 | 2 7/32 | 1 27/32 | 1 9/16 | 0.22 |
| GPGHBB10 | 3/8 | 7/16 | 29/32 | 13/32 | 21/32 | 1 15/32 | 1 1/32 | 2 17/32 | 2 1/8 | 1 13/16 | 0.30 |
| GPGHBB11 | 7/16 | 1/2 | 31/32 | 7/16 | 3/4 | 1 11/16 | 1 5/32 | 2 7/8 | 2 11/32 | 2 | 0.42 |
| GPGHBB13 | 1/2 | 5/8 | 1 11/32 | 1/2 | 7/8 | 2 | 1 1/4 | 3 17/32 | 2 7/8 | 2 5/16 | 0.79 |
| GPGHBB16 | 5/8 | 3/4 | 1 9/16 | 5/8 | 1 1/16 | 2 17/32 | 1 11/16 | 4 11/32 | 3 1/2 | 2 15/16 | 1.38 |
| GPGHBB19 | 3/4 | 7/8 | 1 13/16 | 3/4 | 1 7/32 | 3 | 2 | 5 3/32 | 4 1/16 | 3 1/2 | 2.22 |
| GPGHBB22 | 7/8 | 1 | 2 1/16 | 7/8 | 1 13/32 | 3 9/32 | 2 9/32 | 5 21/32 | 4 11/16 | 4 1/32 | 3.31 |
| GPGHBB25 | 1 | 1 1/8 | 2 5/16 | 31/32 | 1 11/16 | 3 3/4 | 2 11/16 | 6 15/32 | 5 13/32 | 4 21/32 | 4.86 |
| GPGHBB28 | 1 1/8 | 1 1/4 | 2 5/8 | 1 3/32 | 1 27/32 | 4 1/4 | 2 15/16 | 7 5/16 | 6 1/32 | 5 5/32 | 6.97 |
| GPGHBB32 | 1 1/4 | 1 3/8 | 2 7/8 | 1 1/4 | 2 | 4 17/32 | 3 9/32 | 7 29/32 | 6 11/16 | 5 25/32 | 9.49 |



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Technical specifications in inches

| Article code | A diameter bow (inch) | B diameter pin (inch) | C diameter eye (inch) | D width eye (inch) | E width inside (inch) | F length inside (inch) | G width bow (inch) | H length (inch) | I length bolt (inch) | J width (inch) | Net weight (LBS) |
|-----------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|------------------------|--------------------|-----------------|----------------------|----------------|------------------|
| GPGHBB35 | 1 3/8 | 1 1/2 | 3 1/8 | 1 3/8 | 2 1/4 | 5 1/4 | 3 5/8 | 8 15/16 | 7 5/16 | 6 3/8 | 12.3 |
| GPGHBB38 | 1 1/2 | 1 5/8 | 3 15/32 | 1 1/2 | 2 3/8 | 5 3/4 | 3 29/32 | 9 13/16 | 8 | 6 7/8 | 16.4 |
| GPGHBB45 | 1 3/4 | 2 | 4 3/32 | 1 25/32 | 2 29/32 | 7 | 4 31/32 | 11 13/16 | 9 9/16 | 8 1/2 | 27.7 |
| GPGHBB50 | 2 | 2 1/4 | 4 13/32 | 1 31/32 | 3 9/32 | 7 3/4 | 5 7/16 | 13 1/16 | 10 23/32 | 9 3/8 | 37.8 |
| GPGHBB57 | 2 1/4 | 2 9/16 | 5 3/16 | 2 1/4 | 3 3/4 | 8 3/4 | 6 5/16 | 14 7/8 | 12 7/32 | 10 25/32 | 58.0 |
| GPGHBB65 | 2 1/2 | 2 3/4 | 5 23/32 | 2 9/16 | 4 1/8 | 10 1/4 | 7 3/32 | 17 1/16 | 13 17/32 | 12 7/32 | 82.9 |

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Technical drawing

