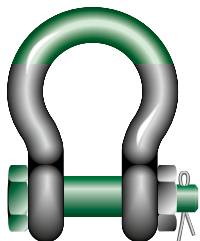


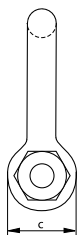
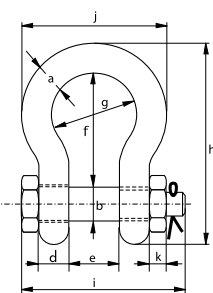


## Green Pin Super® Bow Shackle BN

### Grade 8 bow shackle with safety bolt



G-5263



- **Material:** bow and pin alloy steel, grade 8, quenched and tempered
- **Safety Factor:** MBL equals 5 x WLL
- **Standard:** ASME B30.26 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 3, grade B
- **Finish:** hot dipped galvanized (175 ton shackle is painted)
- **Temperature Range:** -20°C up to +200°C
- **Certification:** 2.1 2.2 3.1 MTC<sup>a</sup> MTC<sup>b</sup> \* LROS \* CE ABS PDA ABS MA

| working<br>load<br>limit | diameter<br>bow | diameter<br>pin | diameter<br>eye | width<br>eye | width<br>inside | length<br>inside | width<br>bow | length  | length<br>bolt | width   | thickness<br>nut | weight<br>each |
|--------------------------|-----------------|-----------------|-----------------|--------------|-----------------|------------------|--------------|---------|----------------|---------|------------------|----------------|
| t                        | a<br>mm         | b<br>mm         | c<br>mm         | d<br>mm      | e<br>mm         | f<br>mm          | g<br>mm      | h<br>mm | i<br>mm        | j<br>mm | k<br>mm          | kg             |
| 3.3                      | 13.5            | 16              | 34              | 13           | 22              | 51               | 32           | 89      | 82             | 58      | 13               | 0.40           |
| 5                        | 16              | 19              | 40              | 16           | 27              | 64               | 43           | 110     | 98             | 75      | 17               | 0.73           |
| 7                        | 19              | 22              | 46              | 19           | 31              | 76               | 51           | 129     | 114            | 89      | 19               | 1.19           |
| 9.5                      | 22              | 25              | 52              | 22           | 36              | 83               | 58           | 144     | 130            | 102     | 22               | 1.73           |
| 12.5                     | 25              | 28              | 59              | 25           | 43              | 95               | 68           | 164     | 150            | 118     | 25               | 2.56           |
| 15                       | 28              | 32              | 66              | 28           | 47              | 108              | 75           | 185     | 166            | 131     | 27               | 3.6            |
| 18                       | 32              | 35              | 72              | 32           | 51              | 115              | 83           | 201     | 178            | 147     | 30               | 4.95           |
| 21                       | 35              | 38              | 80              | 35           | 57              | 133              | 92           | 227     | 197            | 162     | 33               | 6.62           |
| 30                       | 38              | 42              | 88              | 38           | 60              | 146              | 99           | 249     | 217            | 175     | 34               | 8.11           |
| 40                       | 45              | 50              | 103             | 45           | 74              | 178              | 126          | 300     | 260            | 216     | 40               | 15             |
| 55                       | 57              | 57              | 117             | 57           | 83              | 197              | 138          | 341     | 303            | 252     | 46               | 23             |
| 85                       | 70              | 70              | 143             | 70           | 105             | 260              | 180          | 437     | 363            | 320     | 56               | 44             |
| 120                      | 83              | 83              | 162             | 83           | 127             | 329              | 190          | 535     | 425            | 356     | 66               | 72             |
| 150**                    | 95              | 95              | 208             | 95           | 147             | 400              | 238          | 647     | 524            | 428     | 50               | 112            |
| 175**                    | 105             | 108             | 238             | 105          | 169             | 410              | 275          | 688     | 567            | 485     | 50               | 160            |

In inch

| working<br>load<br>limit | diameter<br>bow | diameter<br>pin | diameter<br>eye | width<br>eye | width<br>inside | length<br>inside | width<br>bow | length    | length<br>bolt | width     | thickness<br>nut | weight<br>each |
|--------------------------|-----------------|-----------------|-----------------|--------------|-----------------|------------------|--------------|-----------|----------------|-----------|------------------|----------------|
| t                        | a<br>inch       | b<br>inch       | c<br>inch       | d<br>inch    | e<br>inch       | f<br>inch        | g<br>inch    | h<br>inch | i<br>inch      | j<br>inch | k<br>inch        | lbs            |
| 3.3                      | 1/2             | 5/8             | 1 11/32         | 1/2          | 7/8             | 2                | 1 1/4        | 3 1/2     | 3 7/32         | 2 9/32    | 1/2              | 0.88           |
| 5                        | 5/8             | 3/4             | 1 9/16          | 5/8          | 1 1/16          | 2 17/32          | 1 11/16      | 4 11/32   | 3 27/32        | 2 15/16   | 21/32            | 1.61           |
| 7                        | 3/4             | 7/8             | 1 13/16         | 3/4          | 1 7/32          | 3                | 2            | 5 3/32    | 4 1/2          | 3 1/2     | 3/4              | 2.62           |
| 9.5                      | 7/8             | 1               | 2 1/16          | 7/8          | 1 13/32         | 3 9/32           | 2 9/32       | 5 21/32   | 5 1/8          | 4 1/32    | 7/8              | 3.81           |
| 12.5                     | 1               | 1 1/8           | 2 5/16          | 31/32        | 1 11/16         | 3 3/4            | 2 11/16      | 6 15/32   | 5 29/32        | 4 21/32   | 31/32            | 5.64           |
| 15                       | 1 1/8           | 1 1/4           | 2 19/32         | 1 3/32       | 1 27/32         | 4 1/4            | 2 15/16      | 7 9/32    | 6 17/32        | 5 5/32    | 1 1/16           | 7.94           |
| 18                       | 1 1/4           | 1 3/8           | 2 27/32         | 1 1/4        | 2               | 4 17/32          | 3 9/32       | 7 29/32   | 7              | 5 25/32   | 1 3/16           | 10.91          |
| 21                       | 1 3/8           | 1 1/2           | 3 5/32          | 1 3/8        | 2 1/4           | 5 1/4            | 3 5/8        | 8 15/16   | 7 3/4          | 6 3/8     | 1 5/16           | 14.59          |
| 30                       | 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 17/32        | 6 7/8     | 1 5/16           | 17.88          |
| 40                       | 1 3/4           | 2               | 4 1/16          | 1 25/32      | 2 29/32         | 7                | 4 31/32      | 11 13/16  | 10 1/4         | 8 1/2     | 1 9/16           | 33.07          |
| 55                       | 2               | 2 1/4           | 4 19/32         | 2 1/4        | 3 9/32          | 7 3/4            | 5 7/16       | 13 7/16   | 11 15/16       | 9 29/32   | 1 25/32          | 50.71          |
| 85                       | 2 1/2           | 2 3/4           | 5 5/8           | 2 3/4        | 4 1/8           | 10 1/4           | 7 3/32       | 17 7/32   | 14 9/32        | 12 19/32  | 2 7/32           | 97             |
| 120                      | 3               | 3 1/4           | 6 3/32          | 3 9/32       | 5               | 12 15/16         | 7 15/32      | 21 1/16   | 16 23/32       | 14 1/32   | 2 5/8            | 158.73         |
| 150**                    | 3 3/4           | 3 3/4           | 8 3/16          | 3 3/4        | 5 25/32         | 15 3/4           | 9 3/8        | 25 15/32  | 20 5/8         | 16 27/32  | 1 31/32          | 246.92         |
| 175**                    | 4               | 4 1/4           | 9 3/8           | 4 1/8        | 6 21/32         | 16 5/32          | 10 13/16     | 27 3/32   | 22 5/16        | 19 3/32   | 1 31/32          | 352.74         |

\* For shackles ≥ WLL 150t

\*\* With round headed bolt

\*\* Excluded from ABS Type Approval