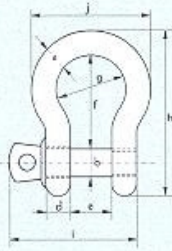




G-4161



Green Pin® Standard Shackles bow shackles with screw collar pin

- **Material** : bow and pin high tensile steel, Grade 6, quenched and tempered
- **Safety Factor** : MBL equals 6 x WLL
- **Standard** : EN 13889 and
meets performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 2, Grade A
- **Finish** : hot dipped galvanized
- **Temperature Range** : -20°C up to +200°C
- **Certification** : at no extra charges this product can be supplied with a works certificate, certificate of basic raw material, manufacturer test certificate and/or EC Declaration of Conformity

| working load limit | diameter bow | diameter pin | diameter eye | width eye | width inside | length inside | width bow | length | length bolt | width | weight each |
|--------------------|--------------|--------------|--------------|-----------|--------------|---------------|-----------|--------|-------------|-------|-------------|
| tons | a mm | b mm | c mm | d mm | e mm | f mm | g mm | h mm | i mm | j mm | kg |
| 0.33 | 5 | 6 | 12.5 | 5 | 9.5 | 22 | 16 | 41 | 31 | 26 | 0.02 |
| 0.5 | 7 | 8 | 17 | 7 | 12 | 29 | 20 | 54 | 40 | 37 | 0.05 |
| 0.75 | 9 | 10 | 21 | 9 | 13.5 | 32 | 22 | 61 | 49 | 42 | 0.1 |
| 1 | 10 | 11 | 23 | 10 | 17 | 36.5 | 26 | 71 | 56 | 49 | 0.14 |
| 1.5 | 11 | 13 | 26 | 11 | 19 | 43 | 29 | 80 | 68 | 54 | 0.19 |
| 2 | 13.5 | 16 | 34 | 13.5 | 22 | 51 | 32 | 91 | 76 | 63 | 0.36 |
| 3.25 | 16 | 19 | 40 | 16 | 27 | 64 | 43 | 114 | 93 | 79 | 0.63 |
| 4.75 | 19 | 22 | 47 | 19 | 31 | 76 | 51 | 136 | 107 | 94 | 1.01 |
| 6.5 | 22 | 25 | 53 | 22 | 36 | 83 | 58 | 157 | 123 | 107 | 1.5 |
| 8.5 | 25 | 28 | 60 | 25 | 43 | 95 | 68 | 176 | 141 | 124 | 2.21 |
| 9.5 | 28 | 32 | 67 | 28 | 47 | 108 | 75 | 197 | 158 | 137 | 3.16 |
| 12 | 32 | 35 | 74 | 32 | 51 | 115 | 83 | 218 | 176 | 154 | 4.31 |
| 13.5 | 35 | 38 | 80 | 35 | 57 | 133 | 92 | 240 | 192 | 170 | 5.55 |
| 17 | 38 | 42 | 89 | 38 | 60 | 146 | 99 | 262 | 208 | 183 | 7.43 |
| 25 | 45 | 50 | 104 | 45 | 74 | 178 | 126 | 314 | 250 | 226 | 12.84 |
| 35 | 50 | 57 | 111 | 50 | 83 | 197 | 138 | 358 | 281 | 250 | 18.15 |
| 42.5 | 57 | 65 | 134 | 57 | 95 | 222 | 160 | 414 | 321 | 287 | 26.29 |
| 55 | 65 | 70 | 145 | 65 | 105 | 260 | 180 | 463 | 355 | 329 | 37.6 |

In inch

| working load limit | diameter bow | diameter pin | diameter eye | width eye | width inside | length inside | width bow | length | length bolt | width | weight each |
|--------------------|--------------|--------------|--------------|-----------|--------------|---------------|-----------|---------|-------------|----------|-------------|
| tons | a inch | b inch | c inch | d inch | e inch | f inch | g inch | h inch | i inch | j inch | lbs |
| 0.33 | 3/16 | 1/4 | 1/2 | 3/16 | 3/8 | 7/8 | 5/8 | 1 5/8 | 1 1/4 | 1 1/8 | 0.05 |
| 0.5 | 1/4 | 5/16 | 11/16 | 1/2 | 1 1/2 | 1 5/8 | 2 1/2 | 2 1/4 | 1 3/4 | 1 1/2 | 0.11 |
| 0.75 | 3/16 | 3/8 | 13/16 | 5/8 | 1 3/4 | 1 7/8 | 2 3/4 | 2 3/4 | 1 7/8 | 1 5/8 | 0.22 |
| 1 | 1/2 | 1/2 | 21/32 | 3/4 | 1 11/16 | 1 7/8 | 1 | 2 5/8 | 2 1/4 | 1 15/16 | 0.3 |
| 1.5 | 7/16 | 1/2 | 1 1/32 | 7/16 | 1 1/4 | 1 29/32 | 1 5/32 | 3 5/32 | 2 11/16 | 2 1/4 | 0.42 |
| 2 | 1/2 | 5/8 | 1 11/32 | 7/8 | 1 5/8 | 2 | 1 9/16 | 3 9/16 | 3 | 2 1/2 | 0.79 |
| 3.25 | 5/8 | 3/4 | 1 19/32 | 1 1/8 | 1 31/32 | 2 17/32 | 1 29/32 | 4 1/2 | 3 11/16 | 3 1/8 | 1.38 |
| 4.75 | 3/4 | 7/8 | 1 7/8 | 3/4 | 1 1/2 | 3 | 2 | 5 1/2 | 4 3/8 | 3 29/32 | 2.22 |
| 6.5 | 7/8 | 1 | 2 3/32 | 7/8 | 1 11/8 | 3 9/16 | 2 9/16 | 6 1/2 | 4 19/16 | 4 3/8 | 3.31 |
| 8.5 | 1 | 1 1/8 | 2 11/32 | 1 | 1 29/32 | 3 3/4 | 2 11/8 | 6 29/32 | 5 3/8 | 4 3/4 | 4.86 |
| 9.5 | 1 1/16 | 1 1/4 | 2 5/8 | 1 1/8 | 1 7/8 | 4 1/4 | 2 11/8 | 7 3/4 | 6 3/8 | 5 3/4 | 6.97 |
| 12 | 1 1/4 | 1 3/8 | 2 29/32 | 1 1/2 | 2 | 4 11/16 | 3 9/16 | 8 7/8 | 6 29/16 | 6 3/8 | 9.49 |
| 13.5 | 1 3/8 | 1 1/2 | 3 1/32 | 1 3/4 | 2 1/4 | 5 1/4 | 3 3/4 | 9 7/8 | 7 1/4 | 6 11/8 | 12.24 |
| 17 | 1 1/2 | 1 5/8 | 3 1/2 | 1 13/16 | 2 11/16 | 5 5/8 | 3 29/32 | 10 5/16 | 8 3/4 | 7 3/4 | 16.37 |
| 25 | 1 3/4 | 2 | 4 1/8 | 1 25/16 | 2 29/16 | 6 3/8 | 4 13/16 | 12 1/2 | 9 11/8 | 8 29/16 | 28.31 |
| 35 | 2 | 2 1/4 | 4 11/32 | 1 31/16 | 3 9/16 | 7 3/4 | 5 7/8 | 14 3/2 | 11 3/4 | 9 15/8 | 40.01 |
| 42.5 | 2 1/4 | 2 3/8 | 5 3/16 | 2 1/4 | 3 3/4 | 8 3/4 | 6 11/16 | 16 5/16 | 12 5/8 | 11 3/4 | 57.96 |
| 55 | 2 1/2 | 2 3/4 | 5 1/2 | 2 13/16 | 4 1/8 | 10 1/4 | 7 1/2 | 18 1/2 | 14 | 12 15/16 | 82.89 |



TYPE APPROVED PRODUCT
CERTIFICATION NO. 5-114
CERTIFICATE NO. 9-129

