



Bow Shackle POWERTEX PBSB

Product information

POWERTEX

Bow type shackle PBSB is a high quality shackle intended for use in demanding environments.

It is supplied with a hexagon head safety bolt with nut and stainless steel cotter pin.

The shackle comply to EN 13889 and meets the performance requirements of US Federal Specification RR-C-271 Type IVA Class 3, Grade A.

Features:

- Safe – All POWERTEX shackles are manufactured and tested in accordance to EN 13889
- All bodies and bolts marked with batch number for traceability
- Larger sizes equipped with arrows to indicate 45 degrees to vertical
- Raised pad for dedicated and easy individual ID (3,25 t and up)
- The bow is forged in closed dies
- All parts are made from alloy steel being quenched and tempered
- All parts including bolts and nuts are hot dip galvanized for long life
- High quality hot dip galvanization process giving an exclusive mat grey finish
- Safety bolts and nuts are additionally painted in blue and red for quick and easy detection as original POWERTEX parts
- Retaining pins made from stainless steel
- Multilanguage user manuals

Material: Forged alloy steel, supplied with safety bolt and nuts. Stainless steel retaining pins.

Marking: According to standard, CE-marked, POWERTEX (PX or PTEX) , WLL, size, grade and batch number.

Temperature range: -40°C up to +200°C

Finish: All parts hot dip galvanized + head-bolt and nut additional powder painted.

Standard: EN 13889

Safety factor: 6:1

Grade: 6

| Part Code | WLL ton | Size inch | a* mm | c* mm | d mm | d1 mm | d2 mm | e mm | H1 mm | Weight kg |
|--------------|---------|-----------|-------|-------|------|-------|-------|------|-------|-----------|
| 420100050860 | 0.5 | 1/4 | 13 | 29 | 6.5 | 8 | 17.5 | 20 | 42.5 | 0.05 |
| 420100080860 | 0.75 | 5/16 | 13.5 | 31 | 8 | 9.5 | 21 | 21.5 | 47 | 0.1 |
| 420100100860 | 1 | 3/8 | 17 | 37 | 10 | 11.2 | 25 | 26.2 | 56.5 | 0.15 |
| 420100150860 | 1.5 | 7/16 | 18.5 | 43 | 11.3 | 12.7 | 27 | 29.5 | 63.5 | 0.22 |
| 420100200860 | 2 | 1/2 | 20.6 | 48 | 12.7 | 15.8 | 30.5 | 33.3 | 75.5 | 0.36 |
| 420100330860 | 3.25 | 5/8 | 27 | 60 | 16 | 18.8 | 40 | 43 | 92 | 0.76 |
| 420100480860 | 4.75 | 3/4 | 32 | 72 | 19 | 22 | 48 | 51 | 106 | 1.2 |
| 420100650860 | 6.5 | 7/8 | 37 | 85 | 22 | 25 | 54 | 58 | 120 | 1.8 |
| 420100850860 | 8.5 | 1 | 43.5 | 96 | 26.5 | 28 | 60 | 68.5 | 135 | 2.6 |
| 420100950860 | 9.5 | 1-1/8 | 48 | 109 | 29 | 32 | 68 | 75 | 143 | 3.8 |
| 420101200860 | 12 | 1-1/4 | 53 | 121 | 32 | 35 | 76 | 84 | 164 | 5.3 |
| 420101350860 | 13.5 | 1-3/8 | 59 | 134 | 35 | 38 | 84 | 94 | 182 | 7.2 |
| 420101700860 | 17 | 1-1/2 | 62 | 149 | 38 | 42 | 92 | 99 | 195 | 9.4 |
| 420102500860 | 25 | 1-3/4 | 75 | 178 | 45 | 50 | 106 | 128 | 224 | 15 |
| 420103500860 | 35 | 2 | 84 | 197 | 52 | 56 | 122 | 148 | 248 | 24 |
| 420105500860 | 55 | 2-1/2 | 107 | 270 | 66 | 70 | 145 | 186 | 302 | 45 |
| 420108500860 | 85 | 3 | 130 | 325 | 76 | 80 | 165 | 205 | 395 | 70 |

Blueprint

