



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

# Blueprint

