



## 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 complies 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 matt 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, AS 2741, ASME B30.26

Safety factor: 6:1

Grade: 6

| Part code    | WLL<br>ton | EWL<br>mm | Size<br>inch | a* mm | c* mm | d<br>mm | d1<br>mm | d2<br>mm | e<br>mm | H1<br>mm | Weight<br>kg | Delivery time |
|--------------|------------|-----------|--------------|-------|-------|---------|----------|----------|---------|----------|--------------|---------------|
| 420100050860 | 0.5        | 29        | 1/4          | 13    | 29    | 6.5     | 8        | 17.5     | 20      | 42.5     | 0.05         | 2             |
| 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           | 2             |
| 420105500860 | 55         | 270       | 2-1/2        | 107   | 270   | 66      | 70       | 145      | 186     | 302      | 45           | 2             |
| 420108500860 | 85         | 325       | 3            | 130   | 325   | 76      | 80       | 165      | 205     | 395      | 70           | 2             |

## Blueprint

