



## Short Link Lifting Chain POWERTEX PSL

### Product information

#### **POWERTEX**

High quality calibrated lifting chain intended for use in demanding applications like Grade 10 chain slings.

#### Features:

- Safe - each chain link is proof load tested 2,5 x WLL in the factory prior delivery
- Safe - each production batch is tested to meet the min. breaking force
- Durable finish: Wet spray painted in blue
- Ductile - Min. 20% elongation shall be achieved before failure
- Accurate - each length of chain is calibrated in the factory prior delivery
- Consistent – PSL chains are made in automatic chain welding machines
- Compliant - the chains are made in Europe - fulfill the Machinery directive 2006/42/EC
- Each barrel includes a 14 language 2.2 Certificate and EC/UKCA Declaration of Conformity
- Each chain length carries a chain tag for quick and positive identification
- The barrel is marked with an info sticker that allow quick and positive identification of the chain inside

**Material:** Quenched and Tempered Alloy Steel of Grade 10 quality

**Marking:** According to standard, CE-marked, UKCA-marked, Factory symbol, Grade (10), Traceability batch marking

**Temperature range:** -40°C up to +200°C without reduction in WLL

**Finish:** Water based wet spray blue painted

**Standard:** EN 818-2 (+ 25% WLL), AS 2321, ASTM A973/A973M

**Safety factor:** 4:1

**Grade:** 10

| Part code       | Chain diameter<br>mm | WLL<br>ton | Min. breaking force<br>kN | Pitch Length<br>mm | Model     | d<br>mm | p<br>mm | W1 min<br>mm | W2 max<br>mm | Weight<br>kg/m |
|-----------------|----------------------|------------|---------------------------|--------------------|-----------|---------|---------|--------------|--------------|----------------|
| 203500600000010 | 6                    | 1.4        | 56.5                      | 18                 | PSL-6-10  | 6       | 18      | 7,8          | 22,2         | 0.8            |
| 203500700000010 | 7                    | 1.9        | 77                        | 21                 | PSL-7-10  | 7       | 21      | 9,1          | 25,9         | 1.2            |
| 203500800000010 | 8                    | 2.5        | 101                       | 24                 | PSL-8-10  | 8       | 24      | 10,4         | 29,6         | 1.5            |
| 203501000000010 | 10                   | 4          | 157                       | 30                 | PSL-10-10 | 10      | 30      | 13,0         | 37,0         | 2.3            |
| 203501300000010 | 13                   | 6.7        | 265                       | 39                 | PSL-13-10 | 13      | 39      | 16,9         | 48,1         | 3.9            |
| 203501600000010 | 16                   | 10         | 402                       | 48                 | PSL-16-10 | 16      | 48      | 20,8         | 59,2         | 5.8            |
| 203501900000010 | 19                   | 14         | 567                       | 57                 | PSL-19-10 | 19      | 57      | 24,7         | 70,3         | 8.4            |
| 203502000000010 | 20                   | 16         | 628                       | 60                 | PSL-20-10 | 20      | 60      | 26,0         | 74,0         | 8.9            |
| 203502200000010 | 22                   | 19         | 760                       | 66                 | PSL-22-10 | 22      | 66      | 28,6         | 81,4         | 11.4           |
| 203502600000010 | 26                   | 26.5       | 1,060                     | 78                 | PSL-26-10 | 26      | 78      | 33,8         | 96,2         | 16             |
| 203503200000010 | 32                   | 40         | 1,610                     | 96                 | PSL-32-10 | 32      | 96      | 41,6         | 118          | 24.1           |

## Blueprint

