



## Grade 100 Chain

### Product information

High quality calibrated lifting chain intended for use in demanding applications like Grade 10 chain slings. The chains are delivered in sturdy barrels or cages and can quick and easy be cut locally to fit the end-customer's needs

#### 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
- 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 [AU]
- 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, 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

**Safety factor:** 4:1

**Grade:** 10

**Australian Standard:** AS 2321

| Part Code       | Chain size<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

