Lifting Solutions Group
Axel Johnson International

# Short Link Lifting Chain POWERTEX PSL Grade 8

## Product information



The POWERTEX PSL Grade 8 Short Link Lifting Chain is a calibrated alloy steel lifting chain for building Grade 8 chain slings and chain lashings. Manufactured from quenched and tempered Grade 8 steel, each chain is calibrated, proof tested, and produced to EN 818-2, providing consistent dimensions, reliable performance, and full traceability for demanding industrial lifting applications. Also usable for grade 8 lashing systems acc. to EN 12195-3.

**Best used for:**

- Building Grade 8 chain slings
- Chain lashings requiring calibrated short link lifting chain
- Industrial lifting applications where EN 818-2 compliant chain is required
- Load lashing systems grade 8 according to EN 12195-3

**Not ideal for:**

- Applications requiring higher lifting capacity or lower product weight, where Grade 10 or Grade 12 chain may be a better choice.

**Product benefits**

- Calibrated links ensure accurate assembly with compatible Grade 8 components
- Every chain link is proof load tested 2.5xWLL before delivery for verified quality
- Production batches are tested to meet minimum breaking force requirements
- Quenched and tempered Grade 8 alloy steel combines high strength with ductile behaviour
- Minimum 20% elongation before failure helps absorb overload without brittle fracture
- Automatic chain welding delivers consistent dimensions and manufacturing quality

... *Read more*

**Material:** Quenched and Tempered Alloy Steel of Grade 8 quality (EN 818-2)
**Marking:** According to standard, CE-mark, UKCA-marked, Factory symbol, Grade 8, Traceability batch code marking
**Temperature range:** -40°C up to +200°C without reduction of WLL. Up to 400°C with reduction acc. to standard.
**Finish:** Black electrophoretic paint (RAL 9005).
**Standard:** EN 818-2, AS 2321, ASTM A391/A391M

**Safety factor:** 4:1
**Grade:** 8

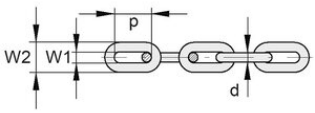
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## Blueprint




## Technical data

| Part code | Chain diameter mm | WLL ton | Min. breaking force kN | Proof Load kN | d mm | p mm | W1 mm | W2 mm | Weight kg/m |
|---|---|---|---|---|---|---|---|---|---|
| 203100600000200 | 6 | 1.12 | 45.2 | 28.3 | 6 | 18 | 7.8 | 22.2 | 0.8 |
| 203100800000200 | 8 | 2 | 80.6 | 50.3 | 8 | 24 | 10.92 | 29.6 | 1.5 |
| 203101000000200 | 10 | 3.15 | 126 | 78.5 | 10 | 30 | 13 | 37 | 2.3 |
| 203101300000200 | 13 | 5.3 | 214 | 133 | 13 | 39 | 17.48 | 48.1 | 3.9 |
| 203101600000200 | 16 | 8 | 322 | 201 | 16 | 48 | 20.8 | 59.2 | 5.8 |
| 203102000000200 | 20 | 12.5 | 504 | 314 | 20 | 60 | 26 | 74 | 8.9 |

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