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.

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

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
- Chain tags, batch markings and supplied certificates simplify inspection and traceability

... *Read more*

Material: Quenched and Tempered Alloy Steel of Grade 8 quality (EN 818-2)
Marking: According to standard, CE-marked, 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

Safety factor: 4:1
Grade: 8

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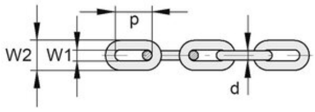
Blueprint



Technical data

Part code	Chain diameter mm	WLL ton	Min. breaking force kN	Proof Load kN	d mm	pmm 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	80.4	50.3	8	24	10.4	29.6	1.5
203101000000200	10	3.15	126	78.5	10	30	13	37	2.3
203101300000200	13	5.3	212	133	13	39	16.9	48.1	3.9
203101600000200	16	8	322	201	16	48	20.8	59.2	5.8
203102000000200	20	12.5	503	314	20	60	26	74	8.9