Lifting Solutions Group
Axel Johnson International

Chain Sling Powertex 1-leg with Safety Hook, Grade 10

Product information



The Chain Sling Powertex 1-leg with safety hook is a single-leg lifting assembly for general industrial use. It is designed for controlled vertical lifting where secure attachment, optional shortening, and predictable performance are required.

The standard assembly includes a master link, a Grade 10 chain, a shortening grab hook, a safety hook, and a marking plate with WLL information. This provides a complete and ready-to-use configuration for everyday lifting tasks.

The sling can also be supplied in alternative configurations with different hooks, master links, or shortening options on request.

Best used for:

- Straight vertical lifts with a single lifting point
- Applications where secure hook closure is preferred during lifting

Product benefits

- Safety hook provides a more secure connection, helping reduce the chance of unintentional hook release during lifting
- Shortening grab hook allows chain length adjustment, supporting accurate load positioning without extra components
- Grade 10 chain provides higher capacity compared to Grade 8, enabling compact setups without increasing chain diameter
- Components are crack detection tested, and samples from each batch are proof load tested, supporting consistent quality control
- Fatigue rated to 20,000 cycles at 1.5x WLL, helping maintain predictable behaviour in repetitive lifting applications
- Marking plate shows WLL and angle capacities, simplifying load planning and reducing interpretation errors on site
- Full traceability through batch marking supports inspection routines

... *Read more*

Material: Alloy steel
Marking: According to standard, CE-mark
Temperature range: -40°C up to +200°C without reduction in WLL
Finish: Red powder paint
Standard: EN 818-4, AS 3776
(+25 % WLL)

Safety factor: 4:1
Grade: 10

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Technical data

Part code	WLL ton
240500600100270	1.4
240500600200270	1.4
240500600300270	1.4
240500600400270	1.4
240500600500270	1.4
240500600600270	1.4
240500600700270	1.4
240500600800270	1.4
240500800100270	2.5
240500800200270	2.5
240500800300270	2.5
240500800400270	2.5
240500800500270	2.5
240500800600270	2.5
240500800700270	2.5
240500800800270	2.5
240501000100270	4
240501000200270	4
240501000300270	4
240501000400270	4
240501000700270	4
240501000500270	4
240501000600270	4
240501000800270	4
240501300100270	6.7
240501300200270	6.7
240501300300270	6.7
240501300400270	6.7
240501300500270	6.7
240501300600270	6.7
240501300700270	6.7

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Technical data

Part code	WLL ton
240501300800270	6.7
240501600100270	10
240501600200270	10
240501600300270	10
240501600400270	10
240501600500270	10
240501600600270	10
240501600700270	10
240501600800270	10
240502000200270	16
240502000300270	16
240502000400270	16
240502000500270	16
240502000600270	16
240502000700270	16
240502000800270	16
240502200200270	19
240502200300270	19
240502200400270	19
240502200500270	19
240502200600270	19
240502200700270	19
240502200800270	19
240502600200270	26.5
240502600300270	26.5
240502600400270	26.5
240502600500270	26.5
240502600600270	26.5
240502600700270	26.5
240502600800270	26.5
240503200200270	40

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Technical data

Part code	WLL ton
240503200300270	40
240503200400270	40
240503200500270	40
240503200600270	40
240503200700270	40
240503200800270	40

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