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

## 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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| 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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