# Connecting Link C POWERTEX

**Product information**

The POWERTEX G10 Connecting Link C is a Grade 100 connecting link designed for quick and practical assembly of chain slings. It provides a connection between compatible chain sling components, while the locking spring is encapsulated in a protective steel bushing to protect the locking mechanism during industrial use.

Available for chain sizes from 6 mm to 32 mm with WLLs from 1.4 t to 40 t.

**Best used for**

- Connecting compatible components when assembling Grade 100 chain slings.

**Product benefits**

- Connecting link design enables quick and cost-effective chain sling assembly.
- Protective steel bushing shields the encapsulated locking spring.
- Grade 100 design offers 25% higher WLL than traditional Grade 80 components.
- Conforms to EN 1677 Parts 1, 2, 3 and 4 with a 25% higher WLL.
- Every forged component is crack detection tested. Production samples are proof-load tested, and the design is factory type tested.
- Fatigue tested to 20,000 cycles at 1.5 × WLL with batch traceability and a POWERTEX 2.2 certificate.
- The components may also be used with Grade 8 chain to EN 818-2. In such a case, the chain sling must be rated as Grade 8 in accordance with EN 818-4

... Read more

**Marking:** According to standard, POWERTEX + Model (C-6-10) + traceability code.
**Temperature range:** -40°C up to +200°C without reduction in WLL
**Finish:** Powder painted in red
**Standard:** EN 1677-1 (+ 25% WLL), AS 3776

**Safety factor:** 4:1
**Grade:** 10

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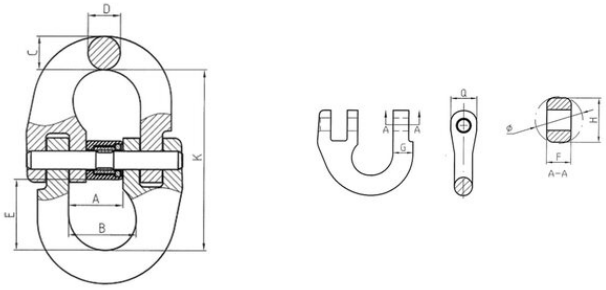
## Blueprint




## Lifting table

| Part code | Code | Chain diameter mm | WLL ton | EWL mm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | K mm | Q mm | Ø mm mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 402200140310 | C-6-10 | 6 | 1.4 | 44.5 | 14 | 16.9 | 8.5 | 7 | 16 | 5.5 | 7.4 | 11 | 44.5 | 12 | 11.4 | 0.08 |
| 402200250310 | C-8-10 | 8 | 2.5 | 63 | 18.5 | 22.7 | 10.5 | 10 | 24 | 7.8 | 10.2 | 14 | 63 | 14 | 15 | 0.18 |
| 402200400310 | C-10-10 | 10 | 4 | 71 | 23 | 27.7 | 12.6 | 12.6 | 28 | 9.6 | 12.6 | 18 | 71 | 18 | 19 | 0.34 |
| 402200670310 | C-13-10 | 13 | 6.7 | 92.5 | 28 | 33.2 | 16.5 | 16.5 | 34 | 12.5 | 17 | 23 | 92.5 | 23 | 24.5 | 0.68 |
| 402201000310 | C-16-10 | 16 | 10 | 106.5 | 33.5 | 39 | 20 | 20 | 39 | 16.2 | 20 | 29.5 | 106.5 | 29.5 | 31 | 1.22 |
| 402201600310 | C-20-10 | 20 | 16 | 123 | 42 | 47.3 | 25 | 25 | 42 | 18 | 25 | 35.5 | 123 | 35.5 | 38 | 2.13 |
| 402201900310 | C-22-10 | 22 | 19 | 137.5 | 48 | 55 | 27 | 27 | 50 | 21 | 27 | 39 | 137.5 | 39 | 41 | 3 |
| 402202650310 | C-26-10 | 26 | 26.5 | 163 | 61 | 68 | 32 | 32 | 63 | 25 | 32 | 45 | 163 | 45 | 49 | 5.22 |
| 402204000310 | C-32-10 | 32 | 40 | 197 | 80 | 87 | 40 | 40 | 78 | 33 | 38.5 | 54 | 197 | 54 | 61 | 9.55 |

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