CERTEX | Lifting Solutions Group
Axel Johnson International

# Eye Self-locking Hook POWERTEX SL

**Product information**

The POWERTEX G10 Self-Locking Hook SL with Eye is a Grade 100 lifting hook designed for chain sling assemblies where a secure connection to the load is essential. The automatic self-locking mechanism closes and locks when the hook is loaded, while the rear release lever allows controlled opening during load attachment and removal.

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

Also available with a clevis connection as the POWERTEX G10 Self-Locking Hook SLC.

**Best used for**

- Chain sling assemblies requiring a secure, self-locking hook.

**Product benefits**

- Automatic self-locking mechanism secures the load during lifting.
- Rear release lever allows controlled opening for load connection.
- Eye connection provides flexibility when assembling chain slings.
- Grade 100 design offers 25% higher WLL than traditional Grade 80 components.
- Conforms to EN 1677 Parts 1, 2, 3 and 4 with 25% increased WLL.
- Each forged component is crack detection tested. Production samples are proof-load tested, and the design is factory-type tested.
- The design is fatigue tested to 20,000 cycles at 1.5 × WLL, with batch traceability and a POWERTEX 2.2 certificate.
- Chromium 6 free finish with replacement spare parts available to support long service life.

... *Read more*

**Marking:** According to standard, POWERTEX + Model (SL-6-10) + traceability code.
**Temperature range:** -40°C up to +200°C without reduction in WLL
**Finish:** Powder painted in red
**Standard:** EN 1677-3 (+ 25% WLL), AS 3776

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

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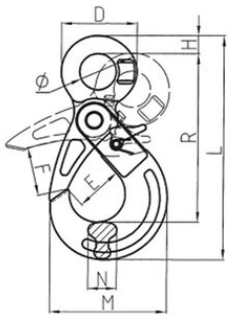
## Blueprint




## Technical data

| Part code | Code | Chain diameter mm | WLL ton | EWL mm | D mm | E mm | F mm | H mm | L mm | M mm | N mm | R mm | Ø mm mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 402300141390 | SL-6-10 | 6 | 1.4 | 110 | 43 | 28 | 31.5 | 11 | 141 | 73 | 15 | 110 | 21 | 0.5 |
| 402300251390 | SL-8-10 | 8 | 2.5 | 137 | 51 | 36 | 40 | 12 | 175 | 90 | 20 | 137 | 27 | 0.9 |
| 402300401390 | SL-10-10 | 10 | 4 | 170 | 64.5 | 45 | 46 | 15 | 212 | 108 | 26 | 170 | 34.5 | 1.5 |
| 402300671390 | SL-13-10 | 13 | 6.7 | 209 | 80 | 53.6 | 66 | 20 | 269 | 137.5 | 32.5 | 209 | 40 | 2.7 |
| 402301001390 | SL-16-10 | 16 | 10 | 256 | 104 | 61 | 75 | 27 | 333 | 170.5 | 38 | 256 | 50 | 5.7 |
| 402301601390 | SL-20-10 | 20 | 16 | 277 | 124 | 76.5 | 80 | 30 | 368.5 | 191.5 | 50 | 277 | 60 | 7.9 |
| 402301901390 | SL-22-10 | 22 | 19 | 319 | 139 | 76 | 104 | 33 | 417 | 205 | 52 | 319 | 70 | 11.2 |
| 402302651390 | SL-26-10 | 26 | 26.5 | 370 | 154 | 99 | 107 | 38 | 489 | 251 | 60 | 370 | 76 | 20.5 |
| 402304001390 | SL-32-10 | 32 | 40 | 469 | 195 | 135 | 142 | 50 | 620 | 329 | 75 | 469 | 95 | 40.4 |

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