CERTEX | Lifting Solutions Group
Axel Johnson International

# Eye Foundry Hook POWERTEX FH

**Product information**



The POWERTEX G10 Foundry Hook FH is a Grade 100 lifting hook designed for chain sling assemblies where a wide throat opening is required. Its open hook design provides greater clearance for engaging large attachment points or loads that standard sling hooks cannot accommodate.

Available for chain sizes from 6 mm to 16 mm with WLLs from 1.4 t to 10 t.

**Best used for**

- Chain sling assemblies requiring a wide throat opening.
- Lifting applications with large attachment points or bulky loads

**Product benefits**

- Wide throat opening accommodates large lifting points and attachments.
- Open hook design simplifies engagement with bulky loads.
- 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.
- Chromium 6 free finish with replacement spare parts available to support long service life.

... *Read more*

**Marking:** According to standard, POWERTEX + Model (FH-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
**Warning:** Before using the hook, check whether hooks without safety latches are allowed to be used for the particular application.

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

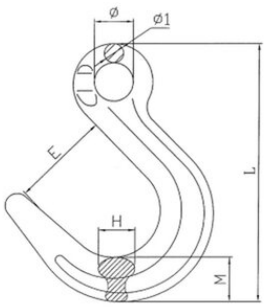
**CERTEX Danmark A/S**
info@certex.dk
+45 74 54 14 37

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## Blueprint




## Technical data

| Part code | Code | Chain diameter mm | WLL ton | EWL mm | E mm | H mm | L mm | M mm | Ø mm mm | Ø1 mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 402300141480 | FH-6-10 | 6 | 1.4 | 114 | 49 | 17 | 133 | 19 | 20 | 10 | 0.4 |
| 402300251480 | FH-8-10 | 8 | 2.5 | 130 | 62 | 19 | 157 | 27 | 24 | 12 | 0.7 |
| 402300401480 | FH-10-10 | 10 | 4 | 169 | 73 | 25 | 199 | 30 | 31.5 | 15 | 1.4 |
| 402300671480 | FH-13-10 | 13 | 6.7 | 199 | 90 | 33 | 238 | 39 | 44 | 19 | 2.6 |
| 402301001480 | FH-16-10 | 16 | 10 | 237 | 105 | 42 | 279 | 42 | 49 | 22 | 4 |

CERTEX Danmark A/S
info@certex.dk
+45 74 54 14 37
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