Lifting Solutions Group
Axel Johnson International

Foundry Hook FH POWERTEX

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.

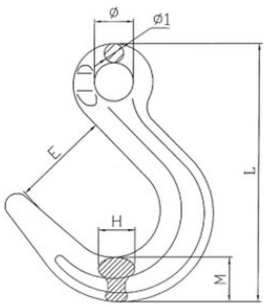
Safety factor: 4:1
Grade: 10

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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

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