Lifting Solutions Group
Axel Johnson International

Container Hook POWERTEX CH

Product information



The POWERTEX G10 Container Hook CH is a Grade 100 lifting hook designed for bottom lifting of shipping containers. Available in Left (L), Right (R), and Straight (S) versions, it provides a practical and cost-effective solution for assembling container lifting slings with the correct lifting geometry.

- The Left and Right versions are intended for use with a spreader beam and four inclined sling legs at 45° ±15° (two left-hand and two right-hand hooks).
- The Straight version is designed for use with a spreader frame and four vertical sling legs at 0° ±15°.
- Angle out from container wall max 7°

Designed for 20 mm chain with a WLL of 16 t.

Best used for

- Bottom lifting of shipping containers using the correct spreader beam or spreader frame.
- Dedicated container lifting assemblies with Grade 100 chain slings.

Product benefits

- Available in Left, Right and Straight versions for the correct lifting configuration.
- Designed specifically for bottom lifting of shipping containers.
- Compatible with 20 mm Grade 100 lifting chain.
- 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.

... *Read more*

Marking: According to standard, POWERTEX + Model (CH-20-10x) + traceability code.
Temperature range: -40 up to +200°C without reduction in WLL
Finish: Powder painted in red
Standard: EN 1677-1 (+ 25% WLL), AS 3776

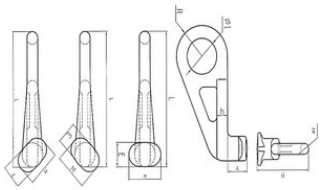
Safety factor: 4:1
Grade: 10

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Blueprint



Technical data

Part code	Code	Chain diameter mm	WLL ton	Model	A mm	E mm	H mm	h mm	L mm	M mm	R mm	Ø1 mm	Ø2 mm	Weight kg
402301601490	CH-20-10L	20	16	Left	46	48	166	25	265	75	60	70	25	4
402301601510	CH-20-10S	20	16	Straight	46	48	166	25	265	75	60	70	25	4
402301601500	CH-20-10R	20	16	Right	46	48	166	25	265	75	60	70	25	4

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