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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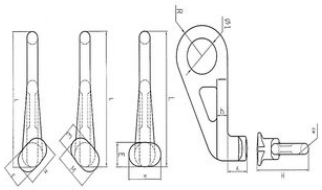
## Blueprint



## Technical data

| Part code | Code | Chain diameter mm | WLL ton | EWL mm | 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 | 190 | Left | 46 | 48 | 166 | 25 | 265 | 75 | 60 | 70 | 25 | 4 |
| 402301601510 | CH-20-10S | 20 | 16 | 190 | Straight | 46 | 48 | 166 | 25 | 265 | 75 | 60 | 70 | 25 | 4 |
| 402301601500 | CH-20-10R | 20 | 16 | 190 | Right | 46 | 48 | 166 | 25 | 265 | 75 | 60 | 70 | 25 | 4 |

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