

## 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  $45^\circ \pm 15^\circ$  (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  $0^\circ \pm 15^\circ$ .
- Angle out from container wall max  $7^\circ$

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  $1.5 \times \text{WLL}$  with batch traceability and a POWERTEX 2.2 certificate.

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**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

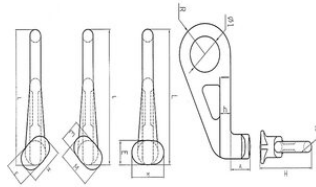
**Standard:** EN 1677-1 (+ 25% WLL), AS 3776

**Safety factor:** 4:1

**Grade:** 10

## Container Hook POWERTEX CH

### Blueprint



### Technical data

| Part Code    | Code      | Chain size<br>mm | WLL<br>ton | EWL<br>mm | Model    | A mm | E mm | H mm | h mm | L mm | M mm | R mm | Ø1 mm | Ø2 mm | Weight<br>(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              |