

## Weld-On Hook Powertex WH

### Product information



The Powertex WH weld-on hook is a permanent load connection point for welding onto lifting beams, excavators and other earth-moving machinery. It is designed for loading within a 135° area in the intended load plane, from +45° to -90° relative to the weld-on surface.

#### Best used for

- Permanent hook attachment on lifting beams and earth-moving machinery.

#### Product benefits

- 135° permitted loading area provides flexibility within the intended load plane.
- Unpainted weld base enables immediate welding with reduced smoke and fumes.
- Powder-coated hook provides corrosion and wear resistance.
- Tested in accordance with EN 1677-1 and AS 3776 requirements.
- Each hook is crack-detection tested, and production samples are proof-load tested. The product design is fatigue-tested to 20,000 cycles at 1.5 times the WLL.
- The traceability code links components to the production lot and raw materials.
- Full WLL from -40°C to +200°C, with reductions at higher temperatures. [... Read more](#)

**Features:** Weldable base prepared for immediate welding, spart part kits available

**Material:** Forged Alloy Steel

**Marking:** CE-marked, UKCA-marked, Powertex, model name, WLL and batch number

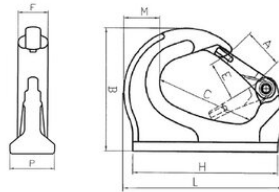
**Temperature range:** -40°C up to +200°C

**Finish:** Powder painted in PURE RED

**Note:** The LPW is WLL (Working Load Limit) rated, assuming that the correct welding procedure is meticulously followed and executed by a suitably qualified welder, to maintain the product's integrity and compliance with safety regulations.

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### Blueprint



### Technical data

| Code   | WLL ton | A mm | B mm | C mm | E mm | F mm | H mm | M mm | L mm | P mm | Weight (kg) |
|--------|---------|------|------|------|------|------|------|------|------|------|-------------|
| WH-1T  | 1       | 23   | 76   | 63   | 22   | 18   | 93   | 22.5 | 101  | 25   | 0.54        |
| WH-2T  | 2       | 29   | 92   | 66   | 26   | 20.5 | 81   | 23.3 | 111  | 34   | 0.87        |
| WH-3T  | 3       | 30   | 106  | 75   | 30   | 24   | 116  | 30   | 128  | 36   | 1.3         |
| WH-5T  | 5       | 39   | 133  | 98   | 36   | 28   | 160  | 43   | 176  | 43.5 | 2.7         |
| WH-8T  | 8       | 36   | 137  | 99   | 34.5 | 39   | 166  | 50   | 175  | 51   | 3.5         |
| WH-10T | 10      | 49   | 169  | 140  | 49   | 38   | 205  | 55   | 222  | 53   | 5.2         |