

Weld-On Hook POWERTEX WH



Product information

Enhance your lifting and handling operations with the POWERTEX Weld-on Hook WH, a robust and reliable solution for welded mounting on lifting beams, excavators, and other earth-moving machinery. Engineered to meet the rigorous demands of industrial environments, the WH hook ensures secure and efficient load handling.

Allowed loading directions:

- The WH hook is designed to be loaded within a 135-degree area in the intended load plane (+45 to -90 degrees from the weld-on surface)

Product features

- **Durable Finish:** Coated in PURE RED powder paint, the WH Weld-on hooks stand out for their durability and corrosion resistance.
- **Ready for welding:** The weld base is not painted, allowing for immediate welding without excessive smoke or fumes.
- **Compliance to standard:** Manufactured to meet the testing requirements specified by EN 1677-1, ensuring high safety and quality standards.
- **Reliable:** Designed with a safety factor of at least 4 in the intended load directions, offering a secure lifting experience. Safety factor of 5 when loaded parallel to the weld base.
- **Quality assurance:** Each component undergoes crack detection testing and sample proof loading in the factory.
- **Type Testing:** Each model undergoes factory type testing, including breaking tests and a fatigue test to 20,000 cycles at 1.5 times the WLL, which highlights the product's endurance.
- **Full Traceability:** Every component is marked with POWERTEX branding, model name, WLL, CE-mark, UKCA-mark, and a traceability code, ensuring traceability to the production lot and raw materials.
- **Harmless:** Chromium 6 free, aligning with environmental safety standards.
- **Certificates Included:** Comes with a POWERTEX 2.2 certificate & Declaration of Conformity with each box, confirming compliance with EC and UK regulations.
- **Wide Temperature Range:** Optimized for use between -40°C to +200°C without WLL reduction, with permissible WLL reductions for higher temperature ranges, ensuring adaptability to various environments.

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.

| 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 |

Blueprint

