

## Lifting Point Weldable Powertex LPW

### Product information



The Powertex Lifting Point Weldable - LPW is an indispensable tool primarily utilized for establishing secure lifting points on heavy machinery and equipment such as excavators, earth-moving machines, lifting beams, and various tools. Designed to be permanently attached through welding, the LPW offers a fixed lifting point that allows for a 180-degree pivot, enhancing its versatility in operation. It features a forged housing with an integrated forged D-ring and a spring mechanism that keeps the D-ring snugly against the surface, significantly reducing noise and movement, particularly in high-vibration environments.

#### Allowed Loading directions:

- +/- 90° in the pivot plane over the housing
- 100% WLL in all allowed loading directions
- WLL According to WLL Diagram

#### Product Features:

**Durable finish:** Coated in PURE RED powder paint, the Powertex LPW lifting points are visually distinct and offer superior resistance to wear and corrosion.

**Welding preparedness:** The housing is specifically blasted to create an optimal surface for welding, ensuring a robust and reliable bond when welded by a certified professional.

**Compliance to standard:** Manufactured to meet the testing requirements specified by EN 1677-1 and AS 3776, 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.

**Quality assurance:** Each component undergoes crack detection testing in the factory and forged links are proof load tested to ensure reliability.

**Type testing:** Each model undergoes type testing, including breaki... [Read more](#)

**Features:** Weldable, same WLL in all intended load directions (no side-loading)

**Material:** Forged Alloy Steel

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

**Temperature range:** -40 up to +100°C without reduction in WLL

**Finish:** Powder painted in PURE RED

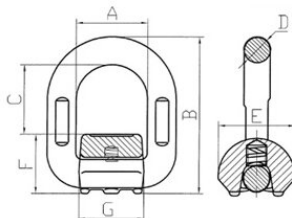
**Standard:** EN 1677-1, AS 3776

**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.

**Warning:** Side loading of the D-ring is not permitted

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### Blueprint



### Lifting table

| Part code  | WLL ton | Model   | A mm | B mm | C mm | D mm | E mm | F mm | G mm | Weight kg |
|------------|---------|---------|------|------|------|------|------|------|------|-----------|
| 4215LPW1T  | 1       | LPW-1T  | 41   | 80   | 35   | 13   | 38   | 33   | 37   | 0.47      |
| 4215LPW2T  | 2       | LPW-2T  | 42   | 90   | 41   | 14   | 40   | 36   | 38   | 0.5       |
| 4215LPW3T  | 3       | LPW-3T  | 46   | 96   | 42   | 17   | 43   | 37   | 44   | 0.7       |
| 4215LPW5T  | 5       | LPW-5T  | 55   | 121  | 48   | 22   | 61   | 50   | 50   | 1.5       |
| 4215LPW8T  | 8       | LPW-8T  | 70   | 144  | 62   | 26   | 70   | 54   | 66   | 2.5       |
| 4215LPW10T | 10      | LPW-10T | 85   | 168  | 78   | 28   | 76   | 62   | 78   | 3.6       |
| 4215LPW15T | 15      | LPW-15T | 97   | 187  | 86   | 36   | 90   | 72   | 90   | 5.8       |