

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

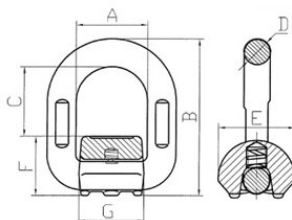
Standard: EN 1677-1, AS 3776

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



Technical data

| 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 |