Lifting Solutions Group
Axel Johnson International

# Lifting Point Weldable Powertex LPW

**Product information**



The Powertex LPW weldable lifting point is a permanent lifting point for welding onto machinery, lifting beams, earth-moving equipment and tools. Its forged D-ring pivots 180° and maintains the same WLL in all permitted loading directions. An integrated spring holds the D-ring against the surface to reduce rattling in vibrating environments.

**Best used for**

- Permanent lifting points on machinery, equipment, lifting beams and tools.
- Vibrating equipment where reduced D-ring movement and rattling are beneficial.

**Product Features:**

- 180° pivoting D-ring accommodates loads within the permitted pivot plane.
- Uniform WLL in all allowed directions simplifies load planning.
- Integrated spring holds the D-ring against the surface, reducing rattling.
- Blasted housing provides a prepared surface for professional welding.
- Tested in accordance with EN 1677-1 and AS 3776 requirements.
- Each lifting point 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 +100°C, with reductions at higher temperatures

... Read more

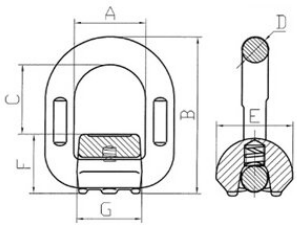
**Features:** Weldable, same WLL in all intended load directions (no side-loading)
**Material:** Forged Alloy Steel
**Marking:** According to standard, CE-mark, UKCA-marked, Powertex, model name, WLL and batch number
**Temperature range:** -40 up to +100°C without reduction in WLL
**Finish:** Powder 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 |

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