



## 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:

- o +/- 90° in the pivot plane over the housing
- o Same WLL in all directions
- o 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, 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 breaking tests and fatigue tests to 20,000 cycles at 1.5 times the WLL in the factory, highlighting 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.
- **Uniform WLL:** The LPS maintains the same WLL in all intended directions, simplifying load planning and increasing versatility.
- **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 +100°C without WLL reduction, with permissible WLL reductions for higher temperature ranges, ensuring adaptability to various environments.

**Marking:** According to standard, CE-marked, UKCA-marked

**Standard:** EN 1677-1

Код товара	WLL ton	Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Bec 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

# Blueprint

