

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
- Same WLL in all 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, 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 test

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

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.

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Blueprint

Technical data

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