



## Lifting Point POWERTEX LPD

### Product information

Introducing the POWERTEX Lifting point with a decentred link – LPD The LPD is a robust solution for industrial environments that demand precision and durability in material handling. This lifting point is engineered to rotate 360 degrees and pivot up to 150 degrees, offering a versatile range of motion. The unique design features a forged housing with two pressed-in washers and a bolt equipped with a locking ring for secure interlocking. A spacious forged D-shaped link is securely locked within the housing opening. The bolt head is designed for versatility with an outer hexagonal grip and a hex socket cap grip, ensuring easy installation with various tools. The LPD is the quietest lifting point in the range, having a spring that removes rattling sound, making it suitable for use on vibrating machines and vehicles. The spring also allows the D-ring to be left in a vertical position. Original Powertex bolts are available in longer lengths to suit diverse requirements.

#### Allowed Loading directions:

- o Same WLL in all directions
- o 360° rotation, 150° pivot motion from vertical
- o The LPD is not designed to rotate under load (choose LPB instead)

#### Product Features:

- **Durable Finish:** Coated in PURE RED powder paint, the LPD lifting points stand out for their durability and corrosion resistance.
- **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 all forged links are proof load tested to ensure reliability.
- **Type Testing:** Each model undergoes factory type testing including breaking tests and fatigue test to 20,000 cycles at 1.5 times the WLL, 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 LPD maintains the same WLL in all 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 +200°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	Thread mm	Model	Torque Nm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	S mm	SW mm	Bec kg
4215LPDM8	0,3	M8	LPD-M8	30	34	37	42	14	11	98,5	57	36	6	13	0,5
4215LPDM10	0,63	M10	LPD-M10	60	34	37	44	14	16	98,5	57	36	6	16	0,5
4215LPDM12	1	M12	LPD-M12	100	34	37	45	14	18	98,5	57	36	8	18	0,5
4215LPDM16	1,5	M16	LPD-M16	150	34	37	48	14	24	98,5	57	36	10	24	0,55
4215LPDM20	2,5	M20	LPD-M20	250	50	54	58	16,5	30	143	82	44	12	30	1,4
4215LPDM24	4	M24	LPD-M24	400	50	54	61	16,5	36	143	82	44	14	36	1,5
4215LPDM30	5	M30	LPD-M30	500	60	65	82	22	48	170	99	62	17	46	3
4215LPDM36	8	M36	LPD-M36	800	77	85	104	27	62	226,5	123	79	22	55	5,8
4215LPDM42	15	M42	LPD-M42	1 500	95	104	117	36	63	257,5	158	90	22	65	11,1
4215LPDM48	20	M48	LPD-M48	2 000	95	104	120	36	72	257,5	158	90	27	75	11,6

# Blueprint

