

Lifting Point POWERTEX LPD - Long Bolt version

Product information



Introducing the POWERTEX Lifting point with a decentered link and a long bolt – LPD. The LPD is a robust solution for industrial environments that demand precision and durability in material handling. The extended bolt version comes with an extra long bolt and nut making it suitable for mounting through holes. 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. 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, with a spring that removes rattling sound, making it suitable for vibrating machines and vehicles. The spring also allows the D-ring to be left in a vertical position. This version has a long bolt standard, but it can be exchanged easily for a standard Powertex bolt as well.

Allowed Loading directions:

- Same WLL in all directions
- 360° rotation, 150° pivot motion from vertical
- 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 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. [... Read more](#)

Features: 360 degrees rotatable, quiet, spacious link, through hole mounting

Material: Forged alloy steel

Marking: According to standard, CE-marked, UKCA-marked, POWERTEX, model name, WLL and batch number

Temperature range: -40 up to +200°C without reduction in WLL

Finish: Powder painted in PURE RED

Standard: EN 1677-1, AS 3776

Note: Before use, review the WLL diagram to select the correct LPD for your application

Safety factor: 4:1

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Blueprint



Lifting table

| Part code | WLL ton | Thread mm | Model | Torque Nm | E mm | A mm | B mm | C mm | D mm | F mm | G mm | N mm | L mm | S mm | SW mm | Weight kg |
|--------------|---------|-----------|-----------|-----------|------|------|------|------|------|-------|------|------|-------|------|-------|-----------|
| 4215LPDM8LB | 0.3 | M8 | LPD-M8LB | 30 | 64 | 34 | 37 | 42 | 14 | 98.5 | 57 | 31 | 42.5 | 6 | 13 | 0.5 |
| 4215LPDM10LB | 0.63 | M10 | LPD-M10LB | 60 | 80 | 34 | 37 | 44 | 14 | 98.5 | 57 | 31 | 40.5 | 6 | 16 | 0.5 |
| 4215LPDM12LB | 1 | M12 | LPD-M12LB | 100 | 104 | 34 | 37 | 45 | 14 | 98.5 | 57 | 31 | 39.5 | 8 | 18 | 0.6 |
| 4215LPDM16LB | 1.5 | M16 | LPD-M16LB | 150 | 128 | 34 | 37 | 48 | 14 | 98.5 | 57 | 31 | 36.5 | 10 | 24 | 0.7 |
| 4215LPDM20LB | 2.5 | M20 | LPD-M20LB | 250 | 160 | 50 | 54 | 58 | 16.5 | 143 | 82 | 45 | 68.5 | 12 | 30 | 1.7 |
| 4215LPDM24LB | 4 | M24 | LPD-M24LB | 400 | 192 | 50 | 54 | 61 | 16.5 | 143 | 82 | 45 | 65.5 | 14 | 36 | 2 |
| 4215LPDM30LB | 5 | M30 | LPD-M30LB | 500 | 240 | 60 | 65 | 82 | 22 | 170 | 99 | 59 | 66 | 17 | 46 | 4.1 |
| 4215LPDM36LB | 8 | M36 | LPD-M36LB | 800 | 288 | 77 | 85 | 104 | 27 | 226.5 | 123 | 69 | 95.5 | 22 | 55 | 7.6 |
| 4215LPDM42LB | 15 | M42 | LPD-M42LB | 1,500 | 336 | 95 | 104 | 117 | 36 | 257.5 | 158 | 98 | 104.5 | 22 | 65 | 14 |
| 4215LPDM48LB | 20 | M48 | LPD-M48LB | 2,000 | 384 | 95 | 104 | 120 | 36 | 257.5 | 158 | 98 | 101.5 | 27 | 75 | 16 |