



## Wire Rope Grip Powertex PWRG

### Product information

**POWERTEX**

Wire rope grip type Powertex is approved for lifting only if assembly is carried out according to the instruction manual.

The wire rope grips are designed for use with six-stranded right-hand lay ropes in 6x19 (M) and 6x36 classes and right-hand ordinary lay wire rope in 8x19 class up to 1960 N/mm<sup>2</sup>, with fibre core and a steel core.

Correctly mounted the assembly will withstand 80% of the rope's minimum breaking load (MBL).

- Safe - The grips are designed to assure high friction between wire rope and grip
- PWRG is symmetrical and can be turned as preferred
- Quick and easy to use
- Quick mounting thanks to the recessed bolt head seats that hold the bolt while tightening the nuts
- Low maintenance thanks to galvanization of grips and Dacrotized bolt and nuts
- Tested according to EN 13411-5

**Material:** PWRG-4 and -6 are drop forged. PWRG-8, -10, -12, -16, -20, -25, -35 are casted

**Marking:** Powertex (PX, PTEX), size and batch

**Finish:** Hot dip galvanized (HDG)

**Warning:** Not to be used with compacted, hammered or plastic coated steel wire ropes. It is not recommended to use plastic covered ropes for lifting purposes with wire rope grips.

| Part code    | Code    | Rope Ø range mm | Thread | No. of clips when lifting | Torque Nm | A mm | B mm | C mm | D mm | E mm | F mm | G mm  | H mm | I mm | J mm | K mm | L mm | N mm | S mm | Weight kg |
|--------------|---------|-----------------|--------|---------------------------|-----------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|-----------|
| 121100400090 | PWRG-4  | 3-4             | M5     | 3                         | 5         | 25.2 | 11.2 | 13   | 6    | 8.4  | 4.8  | 23    | 8.6  | 5.5  | 13.8 | 20.4 | 11.5 | 28.6 | 8.2  | 0.05      |
| 121100600090 | PWRG-6  | 5-6             | M6     | 3                         | 9         | 33   | 13.4 | 18.2 | 7.2  | 8.4  | 6.5  | 29.9  | 11.4 | 7.3  | 17.5 | 26.8 | 16.3 | 44.2 | 10.7 | 0.1       |
| 121100800090 | PWRG-8  | 7-8             | M6     | 3                         | 12        | 35.2 | 14.2 | 17   | 6.5  | 8.3  | 8    | 32.3  | 12.5 | 7.6  | 22.6 | 27.8 | 16.3 | 44   | 10.7 | 0.14      |
| 121101000090 | PWRG-10 | 9-10            | M8     | 3                         | 33        | 38.7 | 16.7 | 17.5 | 9    | 11   | 8.5  | 38.9  | 15.3 | 8.3  | 25.6 | 32.8 | 18.7 | 55   | 14   | 0.25      |
| 121101250090 | PWRG-12 | 10-12.5         | M8     | 3                         | 33        | 45   | 16.3 | 20   | 9.1  | 10.7 | 10.8 | 42    | 15.5 | 10.8 | 30   | 35.5 | 18.7 | 55   | 13.7 | 0.32      |
| 121101650090 | PWRG-16 | 13-16.5         | M10    | 3                         | 45        | 57.3 | 21.1 | 25.5 | 11.9 | 13.8 | 13.4 | 54.6  | 20.1 | 14.2 | 38.7 | 44.1 | 23.5 | 71.5 | 18.4 | 0.58      |
| 121102000090 | PWRG-20 | 17-20           | M12    | 3                         | 75        | 63.8 | 27.9 | 34   | 14.6 | 16.4 | 14.4 | 59    | 24.6 | 13.8 | 45   | 54.3 | 34.6 | 87.5 | 18.5 | 0.95      |
| 121102500090 | PWRG-25 | 21-25           | M16    | 3                         | 190       | 75.2 | 34.3 | 39.6 | 18.7 | 21.3 | 13.8 | 71.3  | 27.3 | 14.2 | 54.4 | 57.6 | 39.3 | 110  | 24.7 | 1.64      |
| 121103500090 | PWRG-35 | 26-35           | M16    | 4                         | 277       | 97.5 | 46.9 | 58   | 20   | 30   | 22   | 104.6 | 36.8 | 19.7 | 65.5 | 88.2 | 55.8 | 160  | 25   | 3.7       |

## Blueprint

