



## Lifting Eye Pewag PLBW

### Product information

Screwable, 360° rotatable lifting point. The load ring is 180° movable and can be positioned at any required angle due to its replaceable and patented spring. Likewise interchangeable is the hexagon-special screw of grade 10.9 material, which is secured against loss.

The screw is 100% crack-tested as well as covered with a chromate VI-free protection against corrosion. It can be tightened with a hexagon wrench or spanner wrench.

Pewag winner proflift beta is available with metric or UNC-thread, whereas the lifting points with metric thread are also obtainable with customized thread lengths.

#### Permissible usage

Load capacity acc. to the inspection certificate respectively table of WLL in the mentioned directions of pull – see picture 1 and 2.

#### Non permissible usage

Make sure when choosing the assembly that improper load can not arise e.g. if:

- The direction of pull is obstructed.
- Direction of pull is not in the foreseen area (see picture 3).
- Loading ring rests against edges or load (picture 4).

The load ring must be placed in the direction of pull before loading – do not turn under load.

#### To calculate the necessary thread length (L):

$$L = H + S + K + X$$

H = Material height

S = Thickness of the washer

K = Height of the nut (depending on the thread size of the screw)

X = Excess length of the screw (twofold pitch of the screw)

L max. = n max.

pewag provides, along with the standard and maximum thread lengths, specially customised thread lengths. Supplied customised and maximum thread lengths include a washer and a crack-tested, corrosion-proofed screw nut.

**Material:** Alloy steel

**Marking:** According to standard, CE-marked, WLL, thread size and an individual serial number.

**Standard:** EN 1677-1

*except grade/WLL*

**Safety factor:** 5:1



| number of legs |        |                  | 1             | 1    | 2   | 2    | 2      | 2       | 3+4    | 3+4     | 2      | 3+4    |    |    |
|----------------|--------|------------------|---------------|------|-----|------|--------|---------|--------|---------|--------|--------|----|----|
|                |        |                  | 0°            | 90°  | 0°  | 90°  | 0°-45° | 45°-60° | 0°-45° | 45°-60° | asymm. | asymm. |    |    |
| Code           | Thread | Fastening torque | Load capacity |      |     |      |        |         |        |         |        |        |    |    |
|                | mm     | Nm               | tons          | mm   | mm  |      |        |         |        |         |        |        |    |    |
| PLBW 0,3 t     | M8     | 6                | 0,5           | 0,3  | 1   | 0,6  | 0,4    | 0,3     | 0,6    | 4,5     | 0,3    | 0,3    | 8  | 15 |
| PLBW 0,6 t     | M10    | 10               | 1             | 0,6  | 2   | 1,2  | 0,8    | 0,6     | 1,3    | 9       | 0,6    | 0,6    | 8  | 15 |
| PLBW 1 t       | M12    | 15               | 1,3           | 1    | 2,6 | 2    | 1,4    | 1       | 2,1    | 1,5     | 1      | 1      | 8  | 15 |
| PLBW 1,3 t     | M14    | 30               | 2             | 1,3  | 4   | 2,6  | 1,8    | 1,3     | 2,7    | 1,9     | 1,3    | 1,3    | 10 | 24 |
| PLBW 1,6 t     | M16    | 50               | 2,5           | 1,6  | 5   | 3,2  | 2,2    | 1,6     | 3,4    | 2,4     | 1,6    | 1,6    | 10 | 24 |
| PLBW 2 t       | M18    | 70               | 3             | 2    | 6   | 4    | 2,8    | 2       | 4,2    | 3       | 2      | 2      | 10 | 24 |
| PLBW 2,5 t     | M20    | 100              | 3,5           | 2,5  | 7   | 5    | 3,5    | 2,5     | 5,3    | 3,7     | 2,5    | 2,5    | 10 | 24 |
| PLBW 3 t       | M22    | 120              | 4,5           | 3    | 9   | 6    | 4,2    | 3       | 6,3    | 4,5     | 3      | 3      | 14 | 30 |
| PLBW 4 t       | M24    | 160              | 5,5           | 4    | 11  | 8    | 5,6    | 4       | 8,4    | 6       | 4      | 4      | 14 | 30 |
| PLBW 5 t       | M27    | 200              | 6,5           | 5    | 13  | 10   | 7      | 5       | 10,5   | 7,5     | 5      | 5      | 14 | 30 |
| PLBW 6,3 t     | M30    | 250              | 7             | 6,3  | 14  | 12,6 | 8,8    | 6,3     | 13,2   | 9,4     | 6,3    | 6,3    | 14 | 30 |
| PLBW 8 t       | M33    | 270              | 9             | 8    | 18  | 16   | 11     | 8       | 16,5   | 12      | 8      | 8      | 19 | 50 |
| PLBW 10 T      | M36    | 320              | 11            | 10   | 22  | 20   | 14     | 10      | 21     | 15      | 10     | 10     | 19 | 50 |
| PLBW           | M42    | 400              | 13,5          | 12,5 | 27  | 25   | 17,5   | 12,5    | 26,3   | 18,7    | 12,5   | 12,5   | 19 | 50 |

|        |     |     |      |      |    |    |      |      |      |      |      |      |    |   |
|--------|-----|-----|------|------|----|----|------|------|------|------|------|------|----|---|
| 12,5 T | M72 | 700 | 10,0 | 12,0 | 27 | 20 | 17,0 | 12,0 | 20,0 | 10,1 | 12,0 | 12,0 | 10 | 0 |
|--------|-----|-----|------|------|----|----|------|------|------|------|------|------|----|---|

PLBW 15  
T M48

Blueprint

