



## 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
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PLBW 15  
T M48

Blueprint

