



## Lifting Eye Pewag PLDW

### Product information

Ball-bearing 360° under load rotatable lifting point. High resistant lifting eye 180° movable. The special screws are 100% crack-tested as well as protected against corrosion. The table with the load capacities depending on the method of lifting as lifting gear, number of legs and angle of inclination is a part of the user manual and packed together with each lifting point.

#### Permissible usage

Load capacity acc. to the inspection certificate respectively table of WLL in the mentioned directions of pull (see picture 1).

#### 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 2)
- Loading ring rests against edges or 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.

**Material:** Alloy steel

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

**Standard:** EN 1677-1

*except grade/WLL*

**Note:** Also available in special length (SL) and maximum length (MAXL) as well.

**Safety factor:** 4:1



PLDW													
Number of legs			1	1	2	2	2	2	3+4	3+4	2	3+4	
Angle of inclination			0°	90°	0°	90°	0°-45°	45°-60°	0°-45°	45°-60°	asymm.	asymm.	
Code	Thread	Fastening torque	Load capacity										
	mm	Nm	tons										
PLDW M8	M8	10	0,6	0,3	1,2	0,6	0,4	0,3	0,6	0,4	0,3	0,3	34
PLDW M10	M10	10	1	0,5	2	1	0,7	0,5	1	0,75	0,5	0,5	34
PLDW M12	M12	15	1,4	0,7	2,8	1,4	0,95	0,7	1,4	1	0,7	0,7	34
PLDW M14	M14	25	2	1	4	2	1,4	1	2,1	1,5	1	1	34
PLDW M16	M16	30	2,8	1,5	5,6	3	2,1	1,5	3,1	2,1	1,5	1,5	34
PLDW M20	M20	80	5	2,5	10	5	3,5	2,5	5,3	3,5	2,5	2,5	46
PLDW M24	M24	150	7	4	14	8	5,5	4	8,4	6	4	4	50
PLDW M30	M30	230	10	6,7	20	13,4	9,4	6,7	14,2	10	6,7	6,7	60
PLDW M36	M36	450	12,5	8	25	16	11,2	8	16,8	12	8	8	75
PLDW M42	M42	600	16	10	32	20	14	10	21	15	10	10	75
PLDW M45	M45	600	16	12	32	24							

# Blueprint

