

## 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.

... [Read more](#)

**Material:** Alloy steel

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

**Standard:** EN 1677-1

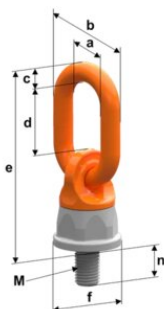
*except grade/WLL*

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

**Safety factor:** 4:1

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### Blueprint



### Technical data

Part code	Code	WLL ton	Thread	a mm	b mm	c mm	d mm	e mm	f mm	n mm	n max mm	Weight kg
42154021488	PLDW 0,3 t	0.3	M8	30	56	13	38	110	38	20	100	0.44
42154021489	PLDW 0,5 t	0.5	M10	30	56	13	38	110	38	20	180	0.45
42154021490	PLDW 0,7 t	0.7	M12	35	61	13	48	115	38	22	200	0.48
42154021491	PLDW 1 t	1	M14	35	61	13	48	115	38	22	200	0.49
42154115728	PLDW 1,5 t	1.5	M16	35	61	13	48	115	38	24	250	0.51
42154021493	PLDW 2,5 t	2.5	M20	35	67	16	55	147	55	33	250	1.1
42154021494	PLDW 4 t	4	M24	40	74	17	66	165	63	40	300	1.5
42154091358	PLDW 5,3 t	5.3	M30	40	74	17	66	165	63	35	300	1.5
42154021496	PLDW 8 t	8	M36	50	96	23	91	233	92	55	300	4.3
42154021497	PLDW 10 t	10	M42	65	119	27	91	237	92	60	300	5.1
42154009325	PLDW 12 t	12	M45	65	119	27	91	237	92	68	300	5.2
42154093821	PLDW 13 t - M48	13	M48	65	119	27	116	262	92	68	300	5.4
42154009326	PLDW 24 t	24	M56	70	136	33	105	292	110	84	300	10.2
42154009327	PLDW 25 t	25	M64	70	136	33	105	292	110	96	300	11
42154025024	PLDW 40 t	40	M72	90	180	45	130	386	170	110	500	29
42154025030	PLDW 45 t	45	M80	90	180	45	130	386	170	120	500	30
42154085255	PLDW 55 t - M90	55	M90	90	180	45	130	386	170	135	500	32
42154085257	PLDW 55 t - M100	55	M100	90	180	45	130	386	170	150	500	35