



## 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*

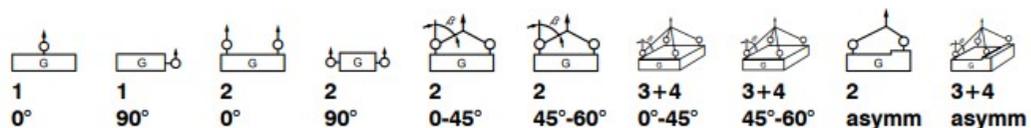
**Note:** Also available in special length (SL) and maximum length (MAXL) as well.

**Safety factor:** 4:1

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
11.4291742	PLDW 0,3 t	0.3	M8	30	56	13	38	110	38	20	100	0.44
11.4291743	PLDW 0,5 t	0.5	M10	30	56	13	38	110	38	20	180	0.45
11.4291744	PLDW 0,7 t	0.7	M12	35	61	13	48	115	38	22	200	0.48
11.4291745	PLDW 1 t	1	M14	35	61	13	48	115	38	22	200	0.49
11.4291746	PLDW 1,5 t	1.5	M16	35	61	13	48	115	38	33	250	0.51
11.4291747	PLDW 2,5 t	2.5	M20	35	67	16	55	147	55	33	250	1.1
11.4291748	PLDW 4 t	4	M24	40	74	17	66	165	63	40	300	1.5
11.4291749	PLDW 5,3 t	5.3	M30	40	74	17	66	165	63	35	300	1.5
11.4291750	PLDW 8 t	8	M36	50	96	23	91	233	92	55	300	4.3
11.4291751	PLDW 10 t	10	M42	65	119	27	91	237	92	60	300	5.1
11.42321166	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
11.4232170	PLDW 24 t	24	M56	70	136	33	105	292	110	84	300	10.2
11.4232173	PLDW 25 t	25	M64	70	136	33	105	292	110	96	300	11
11.4274701	PLDW 40 t	40	M72	90	180	45	130	386	170	110	500	29
11.4274726	PLDW 45 t	45	M80	90	180	45	130	386	170	120	500	30
11.4203627	PLDW 55 t - M90	55	M90	90	180	45	130	386	170	135	500	32
11.4203633	PLDW 55 t - M100	55	M100	90	180	45	130	386	170	150	500	35

## Technical data

Lashing type  
Number of legs  
Angle of inclination



Code	Thread [mm]	Torque [Nm]	Working load limit [kg]									
PLDW 0,3 t	M8	10	600	300	1.200	600	400	300	600	400	300	300
PLDW 0,5 t	M10	10	1.200	500	2.400	1.000	700	500	1.000	750	500	500
PLDW 0,7 t	M12	15	1.800	700	3.600	1.400	950	700	1.400	1.000	700	700
PLDW 1 t *	M14	25	2.400	1.000	4.800	2.000	1.400	1.000	2.100	1.500	1.000	1.000
PLDW 1,5 t	M16	30	2.800	1.500	5.600	3.000	2.100	1.500	3.100	2.200	1.500	1.500
PLDW 2,5 t	M20	80	5.000	2.500	10.000	5.000	3.500	2.500	5.300	3.500	2.500	2.500
PLDW 4 t	M24	150	7.000	4.000	14.000	8.000	5.500	4.000	8.400	6.000	4.000	4.000
PLDW 5,3 t	M30	230	7.000	5.300	14.000	10.600	7.400	5.300	11.200	7.900	5.300	5.300
PLDW 6,7 t	M30	230	10.000	6.700	20.000	13.400	9.400	6.700	14.200	10.000	6.700	6.700
PLDW 8 t	M36	450	12.500	8.000	25.000	16.000	11.200	8.000	16.800	12.000	8.000	8.000
PLDW 10 t	M42	600	16.000	10.000	32.000	20.000	14.000	10.000	21.000	15.000	10.000	10.000
PLDW 12 t	M45	600	16.000	12.000	32.000	24.000	16.900	12.000	25.400	18.000	12.000	12.000
PLDW 13 t	M48	600	16.000	13.000	32.000	26.000	18.300	13.000	27.500	19.500	13.000	13.000
PLDW 13 t	M52	600	16.000	13.000	32.000	26.000	18.300	13.000	27.500	19.500	13.000	13.000
PLDW 24 t	M56	800	28.000	24.000	56.000	48.000	33.900	24.000	50.900	36.000	24.000	24.000
PLDW 25 t	M64	800	28.000	25.000	56.000	50.000	35.300	25.000	53.000	37.500	25.000	25.000
PLDW 40 t	M72	1.200	60.000	40.000	120.000	80.000	56.500	40.000	84.800	60.000	40.000	40.000
PLDW 45 t	M80	1.400	60.000	45.000	120.000	90.000	63.600	45.000	95.400	67.500	45.000	45.000
PLDW 55 t	M90	1.500	60.000	55.000	120.000	110.000	77.700	55.000	116.600	82.500	55.000	55.000
PLDW 55 t	M100	1.600	60.000	55.000	120.000	110.000	77.700	55.000	116.600	82.500	55.000	55.000

\* Custom designs available upon request only

## Blueprint

