



## 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

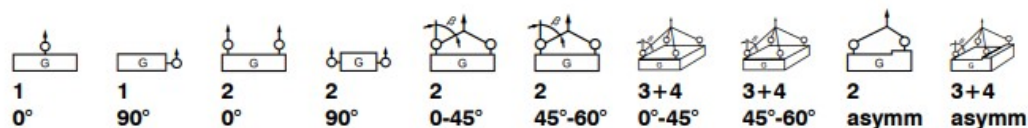
*except grade/WLL*

**Safety factor:** 5:1

Part Code	Code	WLL ton	Thread	a mm	b mm	c mm	e mm	f mm	g mm	h mm	n mm	n max mm	Weight kg
11.4214229	PLBW 0,3 t	0.3	M8	29	56	30	38	18	27	94	13	80	0.32
11.4214230	PLBW 0,6 t	0.6	M10	29	56	30	38	18	27	94	15	100	0.33
11.4214236	PLBW 1 t	1	M12	29	56	30	38	18	27	94	17	180	0.34
11.4214231	PLBW 1,3 t	1.3	M14	43	79	45	55	25	38	138	22	220	1.03
11.4214232	PLBW 1,6 t	1.6	M16	43	79	45	55	25	38	138	24	260	1.04
11.4214237	PLBW 2 t	2	M18	43	79	45	55	25	38	138	27	295	1.07
11.4214188	PLBW 2,5 t	2.5	M20	43	79	45	55	25	38	138	30	335	1.08
11.4214238	PLBW 3 t	3	M22	64	118	68	85	38	58	209	33	355	3.5
11.4214239	PLBW 4 t	4	M24	64	118	68	85	38	58	209	36	355	3.53
11.4214240	PLBW 5 t	5	M27	64	118	68	85	38	58	209	40	355	3.58
11.4214241	PLBW 6,3 t	6.3	M30	64	118	68	85	38	58	209	45	355	3.66
11.4214242	PLBW 8 t	8	M33	106	188	108	132	60	91	331	54	328	14.5
11.4214233	PLBW 10 t	10	M36	106	188	108	132	60	91	331	59	328	14.6
11.4214234	PLBW 12,5 t	12.5	M42	106	188	108	132	60	91	331	69	328	14.9
11.4214235	PLBW 15 t	15	M48	106	188	108	132	60	91	331	74	328	15.2

## Technical data

Lashing type  
Number of legs  
Angle of inclination



Code	Thread [mm]	Torque [Nm]	Working load limit [kg]									
			500	300	1.000	600	400	300	600	450	300	300
PLBW 0,3 t	M8	6	500	300	1.000	600	400	300	600	450	300	300
PLBW 0,6 t	M10	10	1.000	600	2.000	1.200	800	600	1.300	900	600	600
PLBW 1 t	M12	15	1.300	1.000	2.600	2.000	1.400	1.000	2.100	1.500	1.000	1.000
PLBW 1,3 t	M14	30	2.000	1.300	4.000	2.600	1.800	1.300	2.700	1.900	1.300	1.300
PLBW 1,6 t	M16	50	2.500	1.600	5.000	3.200	2.200	1.600	3.400	2.400	1.600	1.600
PLBW 2 t	M18	70	3.000	2.000	6.000	4.000	2.800	2.000	4.200	3.000	2.000	2.000
PLBW 2,5 t	M20	100	3.500	2.500	7.000	5.000	3.500	2.500	5.300	3.700	2.500	2.500
PLBW 3 t	M22	120	4.500	3.000	9.000	6.000	4.200	3.000	6.300	4.500	3.000	3.000
PLBW 4 t	M24	160	5.500	4.000	11.000	8.000	5.600	4.000	8.400	6.000	4.000	4.000
PLBW 5 t	M27	200	6.500	5.000	13.000	10.000	7.000	5.000	10.500	7.500	5.000	5.000
PLBW 6,3 t	M30	250	7.000	6.300	14.000	12.600	8.800	6.300	13.200	9.400	6.300	6.300
PLBW 8 t	M33	270	9.000	8.000	18.000	16.000	11.000	8.000	16.500	12.000	8.000	8.000
PLBW 10 t	M36	320	11.000	10.000	22.000	20.000	14.000	10.000	21.000	15.000	10.000	10.000
PLBW 12,5 t	M42	400	13.500	12.500	27.000	25.000	17.500	12.500	26.300	18.700	12.500	12.500
PLBW 15 t	M48	600	16.000	15.000	32.000	30.000	21.000	15.000	32.000	22.500	15.000	15.000

# Blueprint

