



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 profilift 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-protected screw nut.

Material: Alloy steel

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

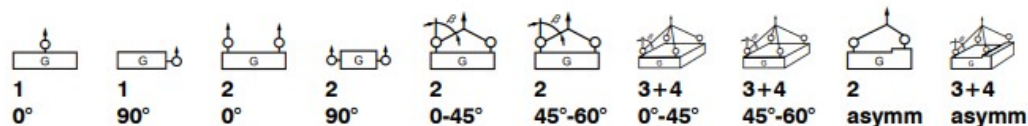
Standard: EN 1677-1
except grade/WLL

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	Delivery time
421514229	PLBW 0,3 t	0.3	M8	29	56	30	38	18	27	94	13	80	0.32	10
421514230	PLBW 0,6 t	0.6	M10	29	56	30	38	18	27	94	15	100	0.33	10
421514236	PLBW 1 t	1	M12	29	56	30	38	18	27	94	17	180	0.34	10
421514231	PLBW 1,3 t	1.3	M14	43	79	45	55	25	38	138	22	220	1.03	5
421514232	PLBW 1,6 t	1.6	M16	43	79	45	55	25	38	138	24	260	1.04	10
421514237	PLBW 2 t	2	M18	43	79	45	55	25	38	138	27	295	1.07	10
421514188	PLBW 2,5 t	2.5	M20	43	79	45	55	25	38	138	30	335	1.08	10
421514238	PLBW 3 t	3	M22	64	118	68	85	38	58	209	33	355	3.5	10
421514239	PLBW 4 t	4	M24	64	118	68	85	38	58	209	36	355	3.53	5
421514240	PLBW 5 t	5	M27	64	118	68	85	38	58	209	40	355	3.58	10
421514241	PLBW 6,3 t	6.3	M30	64	118	68	85	38	58	209	45	355	3.66	10
421514242	PLBW 8 t	8	M33	106	188	108	132	60	91	331	54	328	14.5	10
421514233	PLBW 10 t	10	M36	106	188	108	132	60	91	331	59	328	14.6	10
421514234	PLBW 12,5 t	12.5	M42	106	188	108	132	60	91	331	69	328	14.9	10
421514235	PLBW 15 t	15	M48	106	188	108	132	60	91	331	74	328	15.2	10

Lifting table

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

