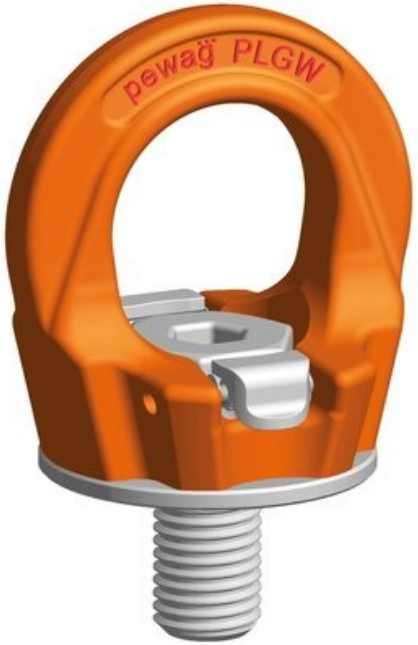

Lifting Eye Pewag PLGW

Product information

Pewag winner profilift gamma supreme – tighten by hand, then align in the load direction, a lifting point that has been developed and produced with the new standards in mind. The patented system has proven itself from the beginning.
It is 360° rotatable, contains a patented and interchangeable special screw, which is 100% crack-tested as well as covered with a chrome VI-free finish-protection against corrosion and marked with WLL and thread size.

Tool-free assembly and disassembly.
The latch in pos.1 does not have any contact with the screw (picture 1).

- The latch is kept in position with a patented spring
- Eye bolt is rotatable

The latch in pos. 2 has contact with the screw (picture 2).

- The latch is kept in position with a patented spring
- Eye bolt is not rotatable i.e. the fastening torque is transmitted to the screw and thus the eye bolt can be (re)assembled.

A considerably simplified alternative is the pewag PLGW pewag winner profilift gamma basic. With the same benefits as the pewag PLGW supreme in terms of measurement, carrying capacity and application, the pewag PLGW basic differs solely in the assembly: mounting and removing requires the use of a hexagon Allen wrench.

Permissible usage
Load capacity acc. to the inspection certificate table of WLL in the shown directions of pull (see picture 3).

- Adjust the lifting point in the permitted load direction before loading
- Loadable with a 4-fold safety under break in all directions

Non permissible usage
Make sure when choosing the assembly that improper loading can not arise e.g. if:

- The direction of pull is obstructed
- Direction of pull is not in the foreseen area (see picture 4)
- Loading ring rests against edges or loads

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.

In case of requesting a lifting point with a special thread length, please mention the requested thread length “L”.

pewag provides, along with the standard and maximum thread lengths, specially customised thread lengths.
Supplied customised and maxium 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 ID number.
Standard: EN 1677-1
except grade/WLL

Safety factor: 4:1

Part code	Code	WLL ton	Thread mm	Model	a mm	b mm	c mm	d mm	e mm	f mm	n mm	M mm	n max. mm	Weight kg
11.4291753	PLGW 0,3 t	0.3	M8	Supreme	25	45	10	27	53	35	15	M8	90	0.17
11.4291754	PLGW 0,5 t	0.5	M10	Supreme	25	45	10	27	53	35	15	M10	160	0.18
11.4291755	PLGW 0,7 t	0.7	M12	Supreme	30	55	12	32	63	43	20	M12	160	0.29
11.4291756	PLGW 1,5 t	1.5	M16	Supreme	35	64	14	36	70	50	25	M16	160	0.45
11.4282184	PLGW 2,3 t	2.3	M20	Supreme	40	73	16	41	81	54	30	M20	160	0.62
11.4282194	PLGW 3,2 t	3.2	M24	Supreme	50	86	18	50	93	69	35	M24	-	1.1
11.4291759	PLGW 4,9 t	4.9	M30	Supreme	60	110	25	60	114	90	45	M30	-	2.2
11.4291760	PLGW 7 t	7	M36	Supreme	70	132	31	70	136	108	55	M36	-	3.9
11.4291761	PLGW 9 t	9	M42	Supreme	80	152	36	72	153	126	65	M42	-	5.8
11.4291762	PLGW 12 t	12	M48	Supreme	95	179	42	88	179	148	75	M48	-	8.9

Technical data

Lashing type										
										
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 [mm]	Torque [Nm]	Working load limit [kg]									
PLGW 0,3 t	M8	Simply tighten by hand	1.000	300	2.000	600	420	300	630	450	300	300
PLGW 0,5 t	M10		1.500	500	3.000	1.000	700	500	1.060	750	500	500
PLGW 0,7 t	M12		2.000	700	4.000	1.400	980	700	1.480	1.050	700	700
PLGW 1,5 t	M16		4.000	1.500	8.000	3.000	2.100	1.500	3.180	2.200	1.500	1.500
PLGW 2,3 t	M20		5.000	2.300	10.000	4.600	3.200	2.300	4.800	3.400	2.300	2.300
PLGW 3,2 t	M24		6.500	3.200	13.000	6.400	4.500	3.200	6.700	4.800	3.200	3.200
PLGW 4,9 t	M30		12.000	4.900	24.000	9.800	6.900	4.900	10.300	7.300	4.900	4.900
PLGW 7 t	M36		15.000	7.000	30.000	14.000	9.800	7.000	14.800	10.500	7.000	7.000
PLGW 9 t	M42		22.000	9.000	44.000	18.000	12.600	9.000	19.000	13.500	9.000	9.000
PLGW 12 t	M48		30.000	12.000	60.000	24.000	16.900	12.000	25.400	18.000	12.000	12.000

Blueprint