



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 maximum thread lengths include a washer and a crack-tested, corrosion-proofed screw nut.

Material: Alloy steel.

Marking: According to standard, WLL, thread size and ID number.

Standard: EN 1677-1

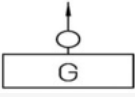

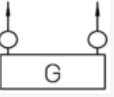

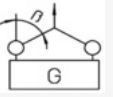
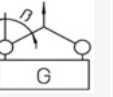
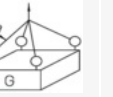
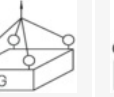



except grade/WLL

Safety factor: 4:1

Grade: 10

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

Technical data

Method of lifting												
Number of leg		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	Load capacity tons										mm
PLGW 0,3 t	M8	1,0	0,3	2,0	0,6	0,4	0,3	0,6	0,4	0,3	0,3	6
PLGW 0,5 t	M10	1,5	0,5	3,0	1	0,7	0,5	1	0,7	0,5	0,5	6
PLGW 0,7 t	M12	2	0,7	4	1,4	1	0,7	1,4	1	0,7	0,7	8
PLGW 1,5 t	M16	4	1,5	8	3	2,1	1,5	3	2,2	1,5	1,5	10
PLGW 2,3 t	M20	5	2,3	10	4,6	3,2	2,3	4,8	3,4	2,3	2,3	12
PLGW 3,2 t	M24	6,5	3,2	13	6,4	4,5	3,2	6,7	4,8	3,2	3,2	14
PLGW 4 t	M30	12	4,0	24	8,0	5,6	4,0	8,2	6,0	4,0	4,0	17
PLGW 4,9 t*	M30	12	4,9	24	9,8	6,9	4,9	10,3	7,3	4,9	4,9	17
PLGW 7 t	M36	15	7	30	14	9,8	7	14,7	10,5	7	7	19
PLGW 9 t	M42	22	9	44	18	12,6	9	18,9	13,5	9	9	22
PLGW 12 t	M48	30	12	60	24	16,8	12	25	18	12	12	24

* Higher carrying capacity soon only available in this design.

Blueprint

