

pewag PLGW Eyebolt

pewag winner profilift gamma supreme eyebolt. Close to perfection.

A lifting point that was developed and manufactured according to the very latest standards also deserves a promising name: pewag winner profilift gamma supreme.

Simply tighten by hand, then align in the load direction – a system that is ideally suited for frequent assembly/disassembly. This patented system has proven itself from the beginning and promises unsurpassed ease-of-use.

The eyebolt is 360° rotatable, comes with an interchangeable special screw that is 100% crack-tested as well as chrome VI-free finish-protection against corrosion and is marked with the load capacity and the thread size. An integrated sleeve protects the surface of the load. The batch number displayed on all load-bearing parts such as the eye and screw as well as the serial number make identification, traceability and performance of mandatory, regular inspections simpler than ever.

PLGW supreme: tool-free assembly and disassembly

Latch in position 1: Latch is not in contact with the screw (fig. PLGW supreme rotatable)

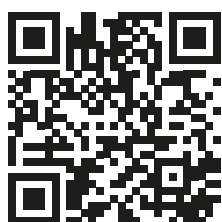
- The latch is held in place with a patented spring
- The eyebolt is rotatable

Latch in position 2: Latch is in contact with the screw (fig. PLGW supreme disassembly)

- The latch is held in place with a patented spring
- The eyebolt is not rotatable, i.e. the fastening torque is transmitted to the screw and thus the eyebolt can be (re-)assembled

PLGW basic:

A simplified alternative is the pewag PLGW pewag winner profilift gamma basic. Offering the same benefits as the pewag PLGW supreme in terms of measurement, load capacity and application, the pewag PLGW basic differs solely when it comes to assembly: mounting and removing requires the use of a hexagon Allen wrench. A special Allen key for the sizes M8-M20 is available upon request. (fig. Special Allen key)



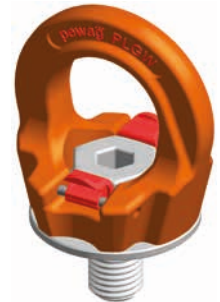
Assembly video PLGW



PLGW supreme – tool-free handling



PLGW supreme rotatable



PLGW supreme disassembly



PLGW basic – assembly with tools

Permitted usage

For load capacities in the permitted directions of pull, please refer to the load capacity table. Adjust the lifting point in the permitted load direction before loading.

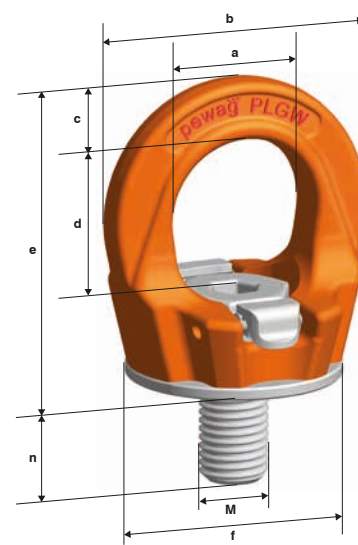
- Loadable with a 4-fold safety factor under break in all directions

Non-permitted usage

During assembly, ensure that improper loading cannot arise due to any of the following factors:

- Direction of pull is obstructed
- Direction of pull is not within the indicated area
- Loading ring rests against edges or loads
- Assembly with additional tools (e.g. extension) is not permitted

For additional details and information, please refer to the full operating manual.



Please refer to the tables with technical data for all corresponding values

Calculating the required 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.

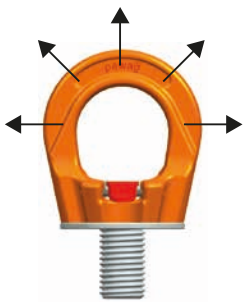
In addition to the standard and maximum thread lengths, pewag also offers cut-to-length thread lengths.

Customised and maximum thread lengths are supplied with a washer and a crack-tested, corrosion-protected screw nut.

Each lifting point comes with an individual serial number.

Also available with peTAG upon request.

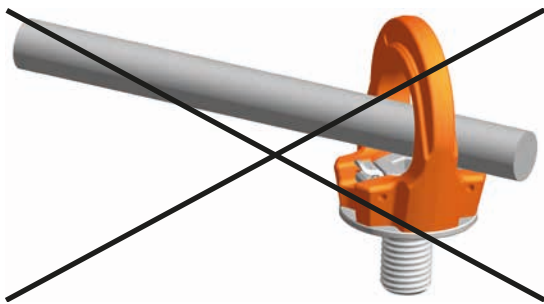
For detailed information such as method of lifting, number of legs, angle of inclination etc., please refer to the tables with the technical data.



Permitted directions of pull



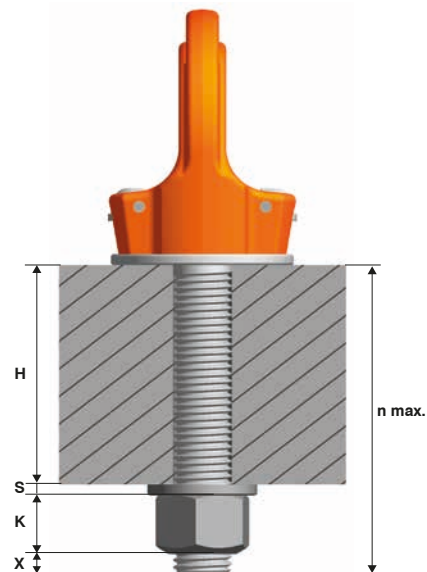
Non-permitted directions of pull



No additional tools permitted

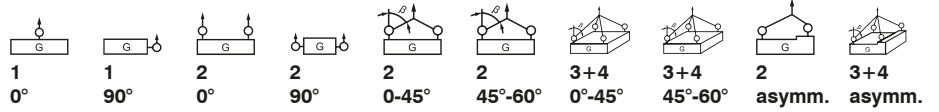


Special Allen key



pewag PLGW Eyebolt

Method of lifting
Number of legs
Angle of inclination



Code	Thread [mm]	Fastening torque [Nm]	Load capacity [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 t	M30		12,000	4,000	24,000	8,000	5,600	4,000	8,200	6,000	4,000	4,000
PLGW 4,9 t ¹⁾	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

Code	Thread [inch]	Fastening torque [ft-lbs]	Load capacity [lbs]									
PLGW U 3/8	3/8"-16	Simply tighten by hand	2,400	1,100	4,800	2,200	1,500	1,100	2,200	1,500	1,100	1,100
PLGW U 1/2	1/2"-13		4,400	1,500	8,800	3,000	2,200	1,500	3,000	2,200	1,500	1,500
PLGW U 5/8	5/8"-11		8,800	3,300	17,600	6,600	4,600	3,300	6,600	4,800	3,300	3,300
PLGW U 3/4	3/4"-10		9,900	4,400	19,800	8,800	6,100	4,400	9,200	6,600	4,400	4,400
PLGW U 1	1"-8		11,000	6,600	22,000	13,200	9,200	6,600	13,600	9,900	6,600	6,600
PLGW U 1 1/4	1 1/4"-7		22,000	8,800	44,000	17,600	12,300	8,800	18,000	13,200	8,800	8,800
PLGW U 1 1/2	1 1/2"-6		33,000	15,400	66,000	30,800	21,500	15,400	32,300	23,100	15,400	15,400
PLGW U 1 3/4	1 3/4"-5		40,000	19,800	80,000	39,600	27,700	19,800	41,500	29,700	19,800	19,800

¹⁾ Higher load capacity soon available in this design

Safety factor 4

Important: Subject to technical changes!

Straight load direction 0°	Side load direction „allowed“ (ring aligned) 90°	Side load direction „not allowed“ (ring not aligned)
Higher load capacity in direction of screw axis (Column „0°“ in load table)	Nominal load capacity perpendicular to screw axis (Column „90°“ in load table)	Not allowed because of unstable condition. Ring could turn suddenly under load – high risk for load and/or people.

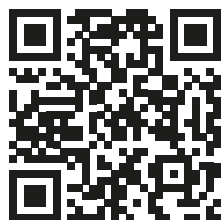
Code	Thread [mm]	Load capacity [kg]	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f [mm]	n [mm]	n max [mm]	⊘ [mm]	Weight [kg/pc.]
PLGW 0,3 t	M8	300	25	45	10	27	53	35	15	90	6	0.20
PLGW 0,5 t	M10	500	25	45	10	27	53	35	15	160	6	0.21
PLGW 0,7 t	M12	700	30	55	12	32	63	43	20	160	8	0.32
PLGW 1,5 t	M16	1,500	35	64	14	36	70	50	25	160	10	0.48
PLGW 2,3 t	M20	2,300	40	73	16	41	81	54	30	160	12	0.58
PLGW 3,2 t	M24	3,200	50	86	18	50	93	69	35	-	14	1.10
PLGW 4 t	M30	4,000	60	110	25	60	114	90	45	-	17	2.20
PLGW 4,9 t ¹⁾	M30	4,900	60	110	25	60	114	90	45	-	17	2.20
PLGW 7 t	M36	7,000	70	132	31	70	136	108	55	-	19	3.80
PLGW 9 t	M42	9,000	80	152	36	72	153	126	65	-	22	5.70
PLGW 12 t	M48	12,000	95	179	42	88	179	148	75	-	24	8.90

Code	Thread [inch]	Load capacity [lbs]	a [inch]	b [inch]	c [inch]	d [inch]	e [inch]	f [inch]	n [inch]	n max [inch]	⊘ [inch]	Weight [lbs/pc.]
PLGW U 3/8	3/8"-16	1,100	0.98	1.77	0.39	1.06	2.09	1.38	0.59	-	1/4"	0.44
PLGW U 1/2	1/2"-13	1,500	1.18	2.17	0.47	1.26	2.48	1.69	0.79	-	5/16"	0.71
PLGW U 5/8	5/8"-11	3,300	1.38	2.52	0.55	1.42	2.76	1.97	0.98	-	3/8"	0.99
PLGW U 3/4	3/4"-10	4,400	1.57	2.87	0.63	1.61	3.19	2.13	1.18	-	1/2"	1.28
PLGW U 1	1"-8	6,600	1.97	3.39	0.71	1.97	3.66	2.72	1.38	-	9/16"	2.43
PLGW U 1 1/4	1 1/4"-7	8,800	2.36	4.33	0.98	2.36	4.49	3.54	1.77	-	5/8"	4.63
PLGW U 1 1/2	1 1/2"-6	15,400	2.76	5.20	1.22	2.76	5.35	4.25	2.17	-	7/8"	8.38
PLGW U 1 3/4	1 3/4"-5	19,800	3.15	5.98	1.42	2.83	6.02	4.96	2.56	-	1"	12.57

¹⁾ Higher load capacity soon available in this design

Safety factor 4

Important: Subject to technical changes!



For 3D data on the lifting points, visit www.pewag.com

