



Lifting Eye Pewag PLAW Alpha

Product information

360° rotatable lifting point. The load ring is loadable in a range of 130° and can be positioned at any required angle due to its replaceable and patented spring. Likewise interchangeable is the hexagon-special screw from grade 10.9 material, which is secured against loss. The screw is 100% crack detection tested as well as covered with a chromate VI-free protection against corrosion.

pewag winner profilift alpha is able to withstand a 4-fold safety against break in all directions. It is available with metric or UNC-thread, whereas the lifting points with metric thread is 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).

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 2)
- Load ring rests against edges or loads (picture 3)

The load ring must be placed in the direction of pull before loading - do not turn under load. For more details please have a look into our user manual.

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.

Finish: Painted.

Standard: EN 1677-1

except grade/WLL

Safety factor: 4:1

Part Code	Code	WLL ton	Thread	a mm	b mm	c mm	d mm	e mm	g mm	h mm	k mm	n mm	n max mm	Weight kg	Delivery time
421558491	PLAW 0,3 t	0.3	M8	45	67	40	11	41	95	36	55	20	150	0.57	7
421558493	PLAW 0,63 t	0.63	M10	45	67	40	11	41	95	36	55	20	150	0.58	7
421571802	PLAW 1 t	1	M12	45	67	40	11	41	95	36	55	20	170	0.6	7
421572766	PLAW 1,5 t	1.5	M16	45	67	40	11	41	95	36	55	24	260	0.62	7
421561003	PLAW 2,5 t	2.5	M20	54	81	50	13	55	112	50	67	33	335	1.1	7
42157428	PLAW 4 t	4	M24	54	87	50	17	67	142	45	70	36	361	1.6	7
421525602	PLAW 6 t	6	M30	68	108	60	20	68	148	55	85	45	360	3.1	7
421535029	PLAW 7 t *	7	M36	75	115	67	20	65	143	60	100	55	374	3.3	7
421561979	PLAW 8 t	8	M36	93	147	85	27	87	188	85	120	55	365	6.1	7
421562009	PLAW 10 t	10	M42	93	147	85	27	87	188	85	120	65	365	6.4	7
421535028	PLAW 15 t	15	M42	115	181	105	33	108	246	106	150	63	340	12	7
421589137	PLAW 20 t	20	M48	115	181	105	33	108	246	106	150	73	340	12.3	7

Technical data

Method of lifting														
Number of legs				1	1	2	2	2	3+4	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	Fastening torque	Load capacity											
	mm	Nm	tons											
PLAW 0,3 t	M8	35	0,3	0,3	0,6	0,6	0,4	0,3	0,6	0,4	0,3	0,3	10	24
PLAW 0,63 t	M10	70	0,63	0,63	1,25	1,25	0,85	0,63	1,3	0,9	0,63	0,63	10	24
PLAW 1 t	M12	120	1	1	2	2	1,4	1	2,1	1,5	1	1	10	24
PLAW 1,5 t	M16	150	1,5	1,5	3	3	2,1	1,5	3,1	2,2	1,5	1,5	10	24
PLAW 2,5 t	M20	170	2,5	2,5	5	5	3,5	2,5	5,3	3,7	2,5	2,5	8	24
PLAW 4 t	M24	400	4	4	8	8	5,6	4	8,4	6	4	4	14	36
PLAW 6 t	M30	500	6	6	12	12	8,5	6	12,7	9	6	6	14	36
PLAW 7 t*	M36	800	7	7	14	14	9,8	7	14,8	10,4	7	7	27	-
PLAW 8 t	M36	800	8	8	16									

Blueprint

