



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 grade 10.

Marking: WLL, thread size and an individual serial number.

Finish: Painted.

Safety factor: 4:1

Grade: 10

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
11.4258491	PLAW 0,3 t	0.3	M8	45	67	40	11	41	95	36	55	20	150	0.57
11.4258493	PLAW 0,63 t	0.63	M10	45	67	40	11	41	95	36	55	20	150	0.58
11.4258496	PLAW 1 t	1	M12	45	67	40	11	41	95	36	55	20	170	0.6
11.4242778	PLAW 1,5 t	1.5	M16	45	67	40	11	41	95	36	55	24	260	0.62
11.4261003	PLAW 2,5 t	2.5	M20	54	81	50	13	55	112	50	67	33	335	1.1
11.4261954	PLAW 4 t	4	M24	54	87	50	17	67	142	45	70	36	361	1.6
11.4261968	PLAW 6 t	6	M30	68	108	60	20	68	148	55	85	45	360	3.1
11.4235029	PLAW 7 t *	7	M36	75	115	67	20	65	143	60	100	55	374	3.3
11.4261979	PLAW 8 t	8	M36	93	147	85	27	87	188	85	120	55	365	6.1
11.4262009	PLAW 10 t	10	M42	93	147	85	27	87	188	85	120	65	365	6.4
11.4235028	PLAW 15 t	15	M42	115	181	105	33	108	246	106	150	63	340	12
11.4289137	PLAW 20 t	20	M48	115	181	105	33	108	246	106	150	73	340	12.3

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°-	0°-45°	45°-	0°-90°	0°-90°	

Angle of inclination			0°	30°	0°	30°	0°-45°		60°	0°-45°	60°	asymmm.	asymmm.	
Code	Thread	Fastening torque	Load capacity											
	mm	Nm	tons										mm	mm
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	16	11,3	8	16,9	12	8	8	19	36
PLAW 10 t	M42	1500	10	10	20	20	14	10	21	15	10	10	32	-
PLAW 15 t	M42	1500	15	15	30	30	21	15	31,5	22,5	15	15	19	55
PLAW 20 t	M48	2000	20	20	40	40	28	20	42	30	20	20	19	55

* Only on request

Blueprint

