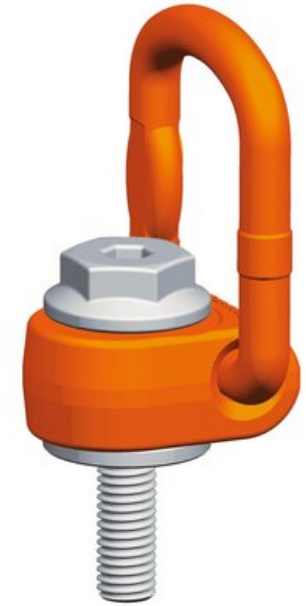

Lifting Eye Pewag PLAW Alpha

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 avaliable 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 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 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
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

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]**									
PLAW 0,3 t	M8	35	300	300	600	600	400	300	600	400	300	300
PLAW 0,63 t	M10	70	630	630	1.260	1.260	850	630	1.300	900	630	630
PLAW 1 t	M12	120	1.000	1.000	2.000	2.000	1.400	1.000	2.100	1.500	1.000	1.000
PLAW 1,5 t	M16	150	1.500	1.500	3.000	3.000	2.100	1.500	3.100	2.200	1.500	1.500
PLAW 2,5 t	M20	170	2.500	2.500	5.000	5.000	3.500	2.500	5.300	3.700	2.500	2.500
PLAW 4 t (/13)	M24	400	4.000	4.000	8.000	8.000	5.600	4.000	8.400	6.000	4.000	4.000
PLAW 6 t	M30	500	6.000	6.000	12.000	12.000	8.500	6.000	12.700	9.000	6.000	6.000
PLAW 7 t	M36	700	7.000	7.000	14.000	14.000	9.800	7.000	14.800	10.500	7.000	7.000
PLAW 8 t	M36	800	8.000	8.000	16.000	16.000	11.300	8.000	16.900	12.000	8.000	8.000
PLAW 10 t	M42	1.500	10.000	10.000	20.000	20.000	14.000	10.000	21.000	15.000	10.000	10.000
PLAW 15 t	M42	1.500	15.000	15.000	30.000	30.000	21.000	15.000	31.500	22.500	15.000	15.000
PLAW 20 t	M48	2.000	20.000	20.000	40.000	40.000	28.000	20.000	42.000	30.000	20.000	20.000

Blueprint