



## 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

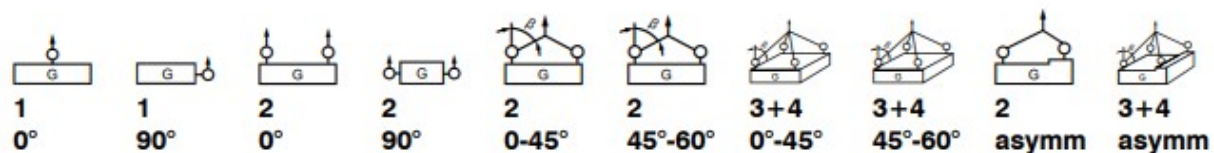
*except grade/WLL*

**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
42154014012	PLAW 0,3 t	0.3	M8	45	67	40	11	41	95	36	55	20	150	0.57
42154014013	PLAW 0,63 t	0.63	M10	45	67	40	11	41	95	36	55	20	150	0.58
42154092151	PLAW 1 t	1	M12	45	67	40	11	41	95	36	55	20	170	0.6
42154092221	PLAW 1,5 t	1.5	M16	45	67	40	11	41	95	36	55	24	260	0.62
42154014440	PLAW 2,5 t	2.5	M20	54	81	50	13	55	112	50	67	33	335	1.1
42154002923	PLAW 4 t	4	M24	54	87	50	17	67	142	45	70	36	361	1.6
42154090654	PLAW 6 t	6	M30	68	108	60	20	68	148	55	85	45	360	3.1
42154009996	PLAW 7 t *	7	M36	75	115	67	20	65	143	60	100	55	374	3.3
42154014615	PLAW 8 t	8	M36	93	147	85	27	87	188	85	120	55	365	6.1
42154014627	PLAW 10 t	10	M42	93	147	85	27	87	188	85	120	65	365	6.4
42154009995	PLAW 15 t	15	M42	115	181	105	33	108	246	106	150	63	340	12
42154020904	PLAW 20 t	20	M48	115	181	105	33	108	246	106	150	73	340	12.3

### Technical data

Lashing type  
Number of legs  
Angle of inclination



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

