

## 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 [... Read more](#)

**Material:** Alloy steel

**Marking:** According to standard, CE-marked, WLL, thread size and an individual serial number.

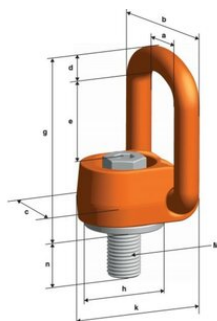
**Finish:** Painted.

**Standard:** EN 1677-1  
except grade/WLL

**Safety factor:** 4:1

## Lifting Eye Pewag PLAW Alpha

### Blueprint



### Lifting table

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