

pewag PLAW alpha



pewag winner profilift alpha. Simply the best.

This lifting point is 360° rotatable. The load ring is rotatable across a wide range and can be positioned at any required angle due to its replaceable and patented spring. The hexagonal special screw is also replaceable and secured against loss. The PLAW pewag winner profilift alpha screw is made from 10.9 grade material, 100% crack-tested, covered with a chromate VI-free protection agent against corrosion and marked with the working load limit and thread size.

The pewag winner profilift alpha screw is able to withstand a 4-fold safety factor against breakage in all directions and every single lifting point is marked with an individual serial number. pewag winner profilift alpha is available with metric or UNC-thread. The versions with metric thread are also available with customised thread lengths. All working load limits, categorised by type of application, the number of legs and angle of inclination, are contained in a table that forms an integral part of the operating manual included with each lifting point.

Optionally also available with peTAG (NFC chip) or PIP (colour marking).



PLAW 0,3 t - 1,5 t and PLAW 4 t / 13



PLAW 2,5 t - 20 t



PLAW 2,5 t - 20 t

Permitted usage

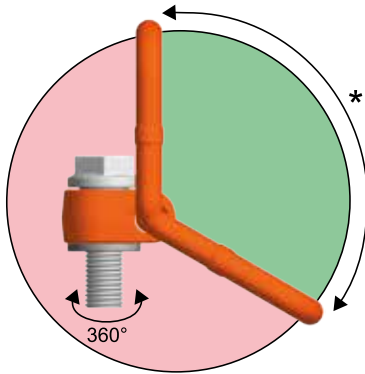
For working load limits in the permitted directions of pull, please refer to the working load limit table.

Non-permitted usage

During assembly, ensure that improper loading does not arise due to any of the following factors:

- Direction of pull is obstructed
- Direction of pull is not within the indicated area
- Loading ring rests against edges or surfaces

The loading ring must be placed in the direction of pull before loading – do not turn under load! For additional details and information, please refer to the full operating manual.



Permissible load directions



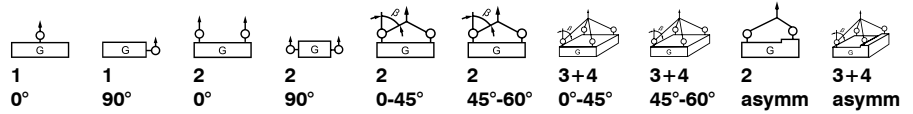
Non-permissible load directions



Improper loading as loading ring rests against edges or surfaces

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Lashing type
Number of legs
Angle of inclination



Code	Thread [mm]	Torque [Nm]	Working load limit [kg]									
			1	1	2	2	2	2	3+4	3+4	2	3+4
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

Code	Thread [inch]	Torque [ft-lbs]	Working load limit [lbs]									
			1	1	2	2	2	2	3+4	3+4	2	3+4
PLAW U5/16	5/16"-18	25,8	660	660	1.300	1.300	920	660	1.350	950	660	660
PLAW U 3/8	3/8"-16	52	1.400	1.400	2.800	2.800	1.960	1.400	2.940	2.100	1.400	1.400
PLAW U 1/2	1/2"-13	89	2.200	2.200	4.400	4.400	3.000	2.200	4.600	3.300	2.200	2.200
PLAW U 5/8	5/8"-11	110	3.300	3.300	6.600	6.600	4.600	3.300	6.800	4.800	3.300	3.300
PLAW U 3/4	3/4"-10	125	4.400	4.400	8.800	8.800	6.000	4.400	9.200	6.500	4.400	4.400
PLAW U 1	1"-8	295	8.800	8.800	17.600	17.600	12.300	8.800	18.400	13.200	8.800	8.800
PLAW U 1 1/4	1 1/4"-7	369	13.200	13.200	26.400	26.400	18.700	13.200	27.800	19.800	13.200	13.200
PLAW U 1 1/2	1 1/2"-6	590	17.000	17.000	35.200	35.200	24.800	17.000	37.300	26.400	17.000	17.000
PLAW U 1 3/4	1 3/4"-5	740	22.000	22.000	44.000	44.000	30.000	22.000	45.000	33.000	22.000	22.000

Safety factor 4:1

Straight pull 0°	Lateral load direction „permitted“ (ring is aligned) 90°
<p>Higher working load limits for loading vertically to welding level (column "0°" in the working load limit table)</p>	<p>Higher working load limits for loading vertically to welding level (column "90°" in the working load limit table)</p>

Code	Thread [mm]	Working load limit [kg]	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	g [mm]	h [mm]	k [mm]	n [mm]	n max [mm]	⊘ [mm]	⊘ [mm]	Weight [kg/unit]
PLAW 0,3 t	M8	300	45	67	40	11	41	95	36	55	20	150	10	24	0,17
PLAW 0,63 t	M10	630	45	67	40	11	41	95	36	55	20	150	10	24	0,58
PLAW 1 t	M12	1.000	45	67	40	11	41	95	36	55	20 ¹⁾	170	10	24	0,26
PLAW 1,5 t	M16	1.500	45	67	40	11	41	95	36	55	24 ¹⁾	260	10	24	0,52
PLAW 2,5 t	M20	2.500	54	81	50	13	55	112	50	67	33	335	8	24	1,10
PLAW 4 t (/13)	M24	4.000	54	87	50	17	67	142	45	70	36	361	14	36	1,60
PLAW 6 t	M30	6.000	68	108	60	20	68	148	55	85	45	360	14	36	2,50
PLAW 7 t	M36	7.000	75	115	67	20	65	143	60	100	55	374	27	-	3,30
PLAW 8 t	M36	8.000	93	147	85	27	87	188	85	120	55	365	19	41	3,80
PLAW 10 t	M42	10.000	93	147	85	27	87	188	85	120	65	365	19	41	4,80
PLAW 15 t	M42	15.000	115	181	105	33	108	246	106	150	63	340	19	55	12,00
PLAW 20 t	M48	20.000	115	181	105	33	108	246	106	150	73	340	19	55	12,30

¹⁾ Previously 33 mm

Code	Thread [inch]	Working load limit [lbs]	a [inch]	b [inch]	c [inch]	d [inch]	e [inch]	g [inch]	h [inch]	k [inch]	n [inch]	n max [inch]	⊘ [inch]	⊘ [inch]	Weight [lbs/pcs.]
PLAW U5/16	5/16"-18	660	1,77	2,64	1,57	0,43	1,61	3,72	1,42	2,17	0,79	-	7/32"	-	1,30
PLAW U 3/8	3/8"-16	1.400	1,77	2,64	1,57	0,43	1,61	3,72	1,42	2,17	0,79	-	3/8"	15/16"	1,30
PLAW U 1/2	1/2"-13	2.200	1,77	2,64	1,57	0,43	1,61	3,72	1,42	2,17	1,30	-	3/8"	15/16"	1,32
PLAW U 5/8	5/8"-11	3.300	1,77	2,64	1,57	0,43	1,61	3,72	1,42	2,17	1,30	-	3/8"	15/16"	1,39
PLAW U 3/4	3/4"-10	4.400	2,13	3,19	1,97	0,51	2,24	4,21	1,97	2,64	1,30	-	9/16"	-	2,40
PLAW U 1	1"-8	8.800	2,95	4,53	2,64	0,79	2,68	5,63	2,64	3,94	1,42	-	3/4"	-	6,60
PLAW U 1 1/4	1 1/4"-7	13.200	2,95	4,53	2,64	0,79	2,68	5,63	2,64	3,94	1,93	-	7/8"	-	6,80
PLAW U 1 1/2	1 1/2"-6	17.000	3,66	5,79	3,35	1,06	3,43	7,40	3,35	4,72	2,09	-	1"	-	13,40
PLAW U 1 3/4	1 3/4"-5	22.000	3,66	5,79	3,35	1,06	3,43	7,40	3,35	4,72	2,44	-	1 1/4"	-	14,10

Safety factor 4:1

