

pewag[®] PLTW theta



The screwable PLTW is perfect for mounting machine parts or vehicle bodies, as well as for use as a lifting or load-securing device. Please consider the different safety factors, specifically the WLL for lifting and the LC for use as a tie-down device. The welded ring is flexible, and the bracket is drop-forged. Equipped with two high-quality, crack-tested screws.

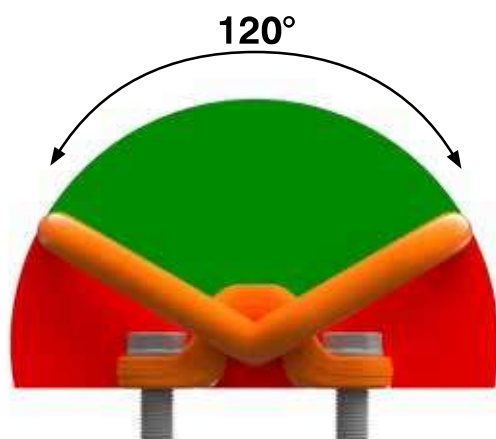
Permitted usage

Please refer to the working load limit as stated in the inspection certificate and/or the working load limit table to ensure maximum safety for permitted applications.

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 loads



Permissible load directions

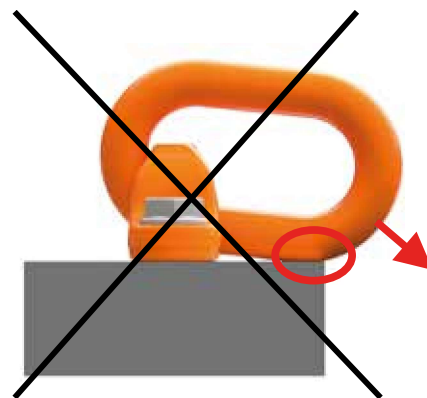
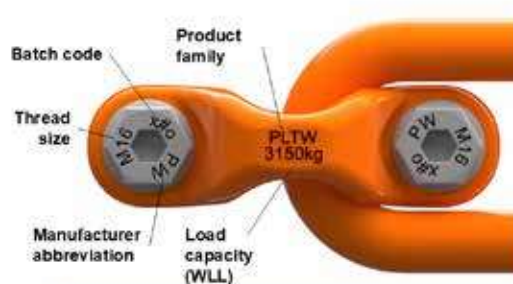
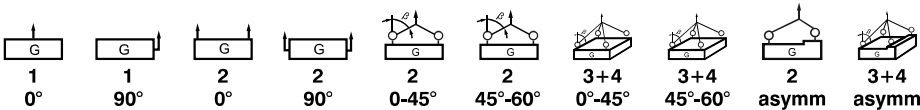


Image 1: front, Image 2: back



Labelling on ringholder and screw

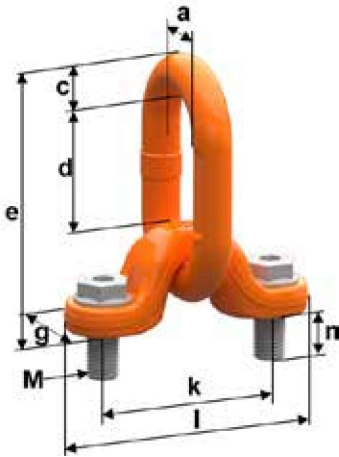
Method of lifting
Number of legs
Angle of inclination



Code	Thread [mm]	Torque [Nm]	Working load limit (G) [kg]									
PLTW 3,15t	M16	150	3.150	3.150	6.300	6.300	4.450	3.150	6.680	4.720	3.150	3.150
PLTW 4,5t	M20	250	4.500	4.500	9.000	9.000	6.360	4.500	9.540	6.750	4.500	4.500
PLTW 10t	M30	400	10.000	10.000	20.000	20.000	14.100	10.000	21.200	15.000	10.000	10.000
PLTW 16t	M36	700	16.000	16.000	32.000	32.000	22.600	16.000	33.900	24.000	16.000	16.000

Safety factor 4:1

Code	Thread [mm]	Load capacity [kg]	a [mm]	c [mm]	d [mm]	e [mm]	g [mm]	k [mm]	l [mm]	n [mm]	Hex [mm]	Pin [mm]	Weight [kg/pc.]
PLTW 3,15t	M16	3.150	40	20	65	134	39	90	128	24	10	24	1,40
PLTW 4,5t	M20	4.500	40	20	65	135	40	100	140	30	12	30	1,70
PLTW 10t	M30	10.000	65	27	103	207	62	160	222	45	17	46	6,00
PLTW 16t	M36	16.000	70	33	107	230	69	176	246	54	19	50	9,30



The PLTW replaces the AOR. However, the AOR and its spare parts remain available upon request.

Straight pull 0°	Lateral load direction permitted (ring is aligned) up to 60°	Lateral load direction permitted (ring is not aligned)
Nominal working load limit for loading along the screw axis (column „0°“ in the working load limit table)	Nominal working load limit for loading in an angle up to 60° to the screw axis (column „90°“ in the working load limit table)	Usage with nominal working load limit is possible. It is preferable to mount the lifting point in such a way that it is loaded in the folding direction (see figure in the middle).