

pewag PLOW omega



The PLOW is equipped with a ball bearing, allowing it to rotate smoothly even under load. Its patented design ensures innovative features and reliable performance. Assembly and disassembly can be carried out without the need for tools, making it quick and easy to handle. The ring is rotatable 360°, providing full adjustability in the load direction, and can be folded 180° for added flexibility.

A 100% crack-tested, corrosion-protected screw guarantees maximum safety and durability. The integrated sleeve protects the contact surface of the load, ensuring minimal wear and tear. Each unit comes with a unique serial number for traceability. The product offers four times the safety against breakage, meeting the highest safety standards.

The operating temperature range is from -20°C to 200°C without any reduction in the Working Load Limit (WLL). Additionally, the product is stamped with the required tightening torque, ensuring proper and secure installation.

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

The PLOW is based on a patented system that allows for tool-free assembly and disassembly. The anchorage point is therefore easy to remove after usage. For detailed information on functionalities, please refer to the operating manual.

Additional benefits of the PLOW omega lifting point:

- Available in special lengths.
- Closed slings can be pre-assembled on request



Permitted usage

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

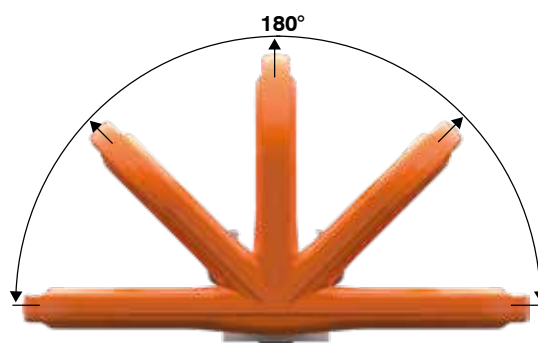
Non-permitted usage

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



Non-permitted usage



Permitted directions of load that occur during correct use.



PLOW rotatable

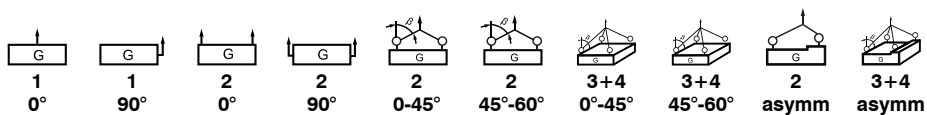


PLOW dis-/assembly



The integrated ball bearing allows the PLOW to rotate smoothly even under load.

Method of lifting
Number of legs
Angle of inclination



Code	Thread [mm]	Torque [Nm]	Working load limit (G) [kg]									
PLOW 0,4 t	M8	10	1.000	400	2.000	800	560	400	840	600	400	400
PLOW 0,8 t	M10	15	1.400	800	2.800	1.600	1.130	800	1.690	1.200	800	800
PLOW 1,2 t	M12	20	1.400	1.200	2.800	2.400	1.690	1.200	2.540	1.800	1.200	1.200
PLOW 2 t	M16	50	3.200	2.000	6.400	4.000	2.800	2.000	4.200	3.000	2.000	2.000
PLOW 3,4 t	M20	100	6.500	3.400	13.000	6.800	4.800	3.400	7.200	5.100	3.400	3.400
PLOW 4,7 t	M24	150	6.500	4.700	13.000	9.400	6.600	4.700	9.900	7.000	4.700	4.700

Safety factor 4:1

Code	Thread [mm]	WLL [kg]	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f [mm]	h [mm]	n [mm]	n max [mm]	⌀ [mm]	Weight [kg/unit]
PLOW 0,4 t	M8	400	40	65	15	34	88	34	34	12	80	8	0,44
PLOW 0,8 t	M10	800	40	65	15	34	88	34	34	15	100	8	0,45
PLOW 1,2 t	M12	1.200	40	65	15	34	88	34	34	18	140	8	0,45
PLOW 2 t	M16	2.000	50	83	19	41	112	42	45	24	250	10	0,95
PLOW 3,4 t	M20	3.400	70	121	28	53	161	67	67	30	250	14	3,0
PLOW 4,7 t	M24	4.700	70	121	28	53	161	67	67	36	300	14	3,0

Code	Thread	WLL [kg]		WLL [kg]	Thread	Code
PLOW 0,4t	M8	400	>	300	M8	PLDW 0,3t
PLOW 0,8t	M10	800	>	500	M10	PLDW 0,5t
PLOW 1,2t	M12	1,200	>	700	M12	PLDW 0,7t
PLOW 2t	M16	2,000	>	1,500	M16	PLDW 1,5t
PLOW 3,4t	M20	3,400	>	2,500	M20	PLDW 2,5t
PLOW 4,7t	M24	4,700	>	4,000	M24	PLDW 4t

Comparison between PLOW and PLDW: Like the PLDW, the PLOW can also rotate under load, but is tool-free and it stands out with a higher load capacity.



Straight pull 0°	Lateral load direction permitted (ring is aligned) 90°	Lateral load direction not permitted (ring is not aligned)
Higher working load limit for loading along the screw axis (column „0°“ in the working load limit table)	Nominal working load limit for loading vertically to the screw axis (column „90°“ in the working load limit table)	Application not permitted due to unstable conditions. The ring could turn suddenly while under load - high risk for load and/or persons!