



The PLGWI is a corrosion resistant stainless steel version of the PLGW eyebolt which offers all the tried-and-tested Pewag advantages: versatility when it comes to areas of application, accurately fitted measurements, optimised load capacities and unsurpassed ease-of-use. But the PLGWI offers even more than that:

The eyebolt is 360° rotatable, comes with an interchangeable special screw that is 100% crack-tested and marked with the load capacity and the thread size! An integrated sleeve protects the surface of the load. The batch number displayed on all load-bearing parts such as the eye and screws as well as the serial number make identification, traceability and performance of mandatory, regular inspections simpler than ever.

The M20 Supreme version can be very simply tightened by hand, then aligned in the load direction – a system that is ideally suited for frequent assembly/disassembly applications. However, if the lifting point is to be utilised in a more permanent application and / or is subject to vibrations during use, the torque settings in the load table must be observed.

Currently available with metric thread sizes: M12, M16, M20.

**Additional benefits of the PLGW inox lifting point:**

- Extendable areas of application thanks to Duplex steel with heightened corrosion-resistance
- For the “Basic” version, the PRE/N value that determines the alloy composition and thus also the level of corrosion resistance lies at approx. 34



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fig 1. PLGWI supreme rotatable

### **PLGWI M20 Supreme: tool-free assembly and disassembly**

Latch in position 1: Latch is not in contact with the screw.

(fig. 1. PLGWI M20 Supreme rotatable)

- The latch is held in place with a patented spring
  - The eyebolt is free to rotate



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fig 2. PLGWI supreme disassembly

Latch in position 2: Latch is in contact with the screw.

(fig. 2. PLGWI M20 Supreme disassembly)

- The latch is held in place with a patented spring
- The eyebolt is not rotatable, i.e. the fastening torque is transmitted to the screw and thus the eyebolt can be mounted or removed by hand



### **PLGWI M20 basic:**

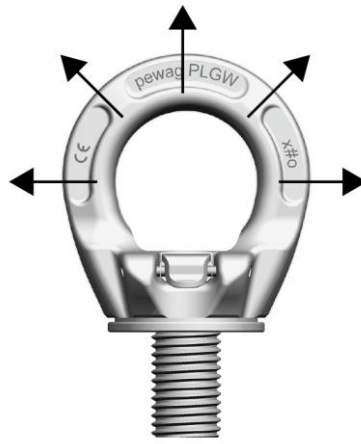
A simplified alternative is the Pewag PLGWI M20 Basic. Offering the same benefits as the Pewag PLGWI M20 Supreme in terms of measurement, load capacity and application, the Pewag PLGWI Basic differs only when it comes to assembly.

This lifting point can be mounted hand tight using a standard Allen key then aligned in the load direction.

However, if the lifting point is to be utilised in a more permanent application the torque settings in the load table must be observed.

The Basic version is made exclusively from Duplex, with ring, screw and sleeve manufactured from 1.4462. In the “Supreme” version, the elements of the latching system are made from corrosion resistant material.

Each eyebolt comes with an operating manual that contains detailed information on usage as well as a load capacity table categorised by lifting method, number of legs and angle of inclination, for easy reference whenever you need it.



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Permitted directions of pull

### Permitted usage

For load capacities in the permitted directions of pull, please refer to the load capacity table.

- Adjust the lifting point in the permitted load direction before loading
- Loadable with a 4-fold safety factor under break in all directions



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Non-permitted directions of pull

### Non-permitted usage

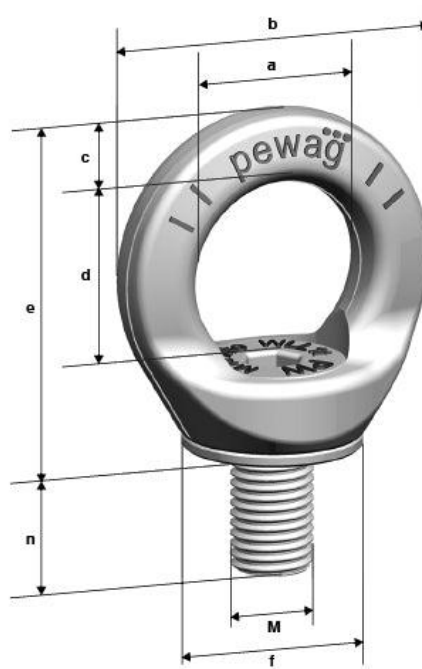
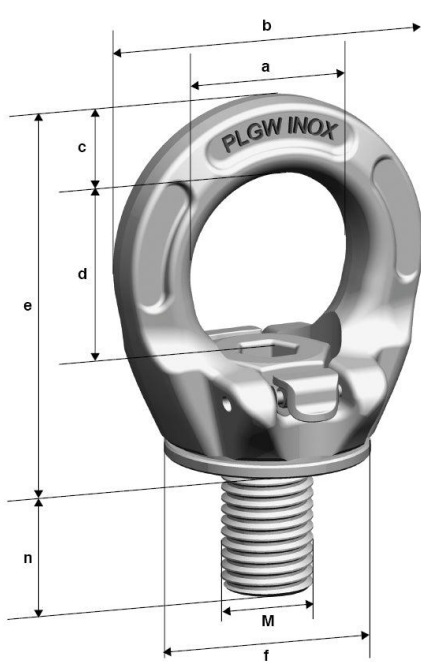
During assembly, ensure that improper loading cannot arise due to any of the following factors

- Direction of pull is obstructed
  - Direction of pull is not within the indicated area
    - Loading ring rests against edges or loads
- Each lifting point comes with an individual serial number.

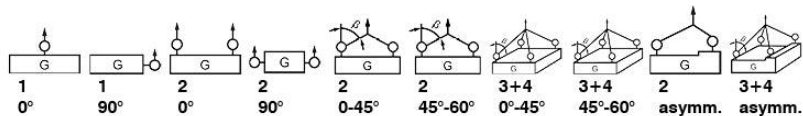
For detailed information such as method of lifting, number of legs, angle of inclination etc., please refer to the tables with the technical data.

The load 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.



Method of lifting  
Number of legs  
Angle of inclination



Code	Thread [mm]	Fastening torque [Nm]*	Load capacity [kg]									
PLGWI 0.5 t	M12	25	1,500	500	3,000	1,000	700	500	1,060	750	500	500
PLGWI 1 t	M16	50	3,000	1,000	6,000	2,000	1,400	1,000	2,100	1,500	1,000	1,000
PLGWI 2 t*	M20	115	3,800	2,000	7,600	4,000	2,800	2,000	4,200	3,000	2,000	2,000

Code	Thread [mm]	Working load limit [kg]	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f [mm]	n [mm]	n max [mm]	A [mm]	Weight [kg/pce]
PLGWI 0,5 t	M12	500	30	55	12	30	59	30	18	160	8	0.23
PLGWI 1 t	M16	1,000	35	64	14	35	67	35	24	160	10	0.36
PLGWI 2 t*	M20	2,000	40	72	17	40	80	45	30	160	12	0.60

\* PLGWI M20 lifting points can be fitted 'hand tight' in applications where frequent mounting and removal is necessary. For more permanent applications the fastening torque shown in the table above must be observed.

Straight load direction 0°	Side load direction „allowed“ (ring aligned) 90°	Side load direction „not allowed“ (ring not aligned)
Higher load capacity in direction of screw axis (Column „0°“ in load table)	Nominal load capacity perpendicular to screw axis (Column „90°“ in load table)	Not allowed because of unstable condition. Ring could turn suddenly under load – high risk for load and/or people.