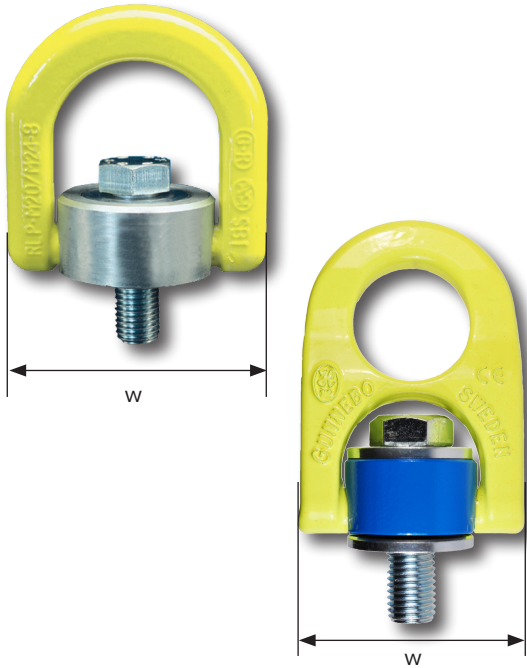


Mounting instructions



- » Use only original bolts supplied by Gunnebo.
- » RLP must be mounted on a clean and flat supporting area having a min. diameter equal to the width of the bow (w).
- » The threaded hole shall be perpendicular to the surface.
- » Threaded pocket holes must be deep enough to allow the bolt to fully engage.
- » Thread depth must be at least:
 - 1 x d for steel (at least St 37)
 - 1.25 x d for cast iron
 - 2 x d for aluminium alloy
- » To prevent unintended dismounting through shock loading, rotation or vibration, thread locking fluid such as Loctite 2701 can be used to secure the bolt.
- » Maximum deviation of the tightening torque for all RLP/ERLP models: +/-10 %.
- » Ensure that RLP/ERLP can rotate 360° and articulate 180° without interfering with other parts.
- » Do not use with a larger hook than RLP/ERLP can fully accommodate.
- » Do not overload or shock load. Check WLL chart before use.

Assembly instructions



Specific RLP & ERLP advice

- » RLP shall be examined prior to each use regarding bolt torque, wear, cracks, damaged parts, deformations and corrosion.
- » If any defect that could effect safety is detected, the RLP must be removed from service for repair or replacement.
- » For working load limits, see next page.



Working Load Limits (tonnes)

No. of legs	1	1	2	2	2 symmetric		3 & 4 symmetric	
β	0°	90°	0°	90°	0-45°	45-60°	0-45°	45-60°
Load factor	*)	1	*)	2	1.4	1	2.1	1.5
ERLP/RLP-M8-10	0.60	0.30	1.20	0.60	0.42	0.30	0.63	0.45
ERLP/RLP-M10-10	1.00	0.50	2.00	1.00	0.70	0.50	1.05	0.75
ERLP/RLP-M12-10	1.50	0.75	3.00	1.50	1.00	0.75	1.60	1.13
ERLP/RLP-M16-10	3.00	1.50	6.00	3.00	2.10	1.50	3.15	2.25
ERLP/RLP-M20-10	5.00	2.50	10.00	5.00	3.50	2.50	5.25	3.75
ERLP/RLP-M24-10	7.00	3.50	14.00	7.00	4.90	3.50	7.35	5.25
ERLP/RLP-M30-10	12.00	6.00	24.00	12.00	8.40	6.00	12.60	9.00
ERLP/RLP-M36-10	14.00	8.00	28.00	16.00	11.20	8.00	16.80	12.00
ERLP/RLP-M42-10	16.00	14.00	32.00	28.00	19.60	14.00	29.40	21.00
ERLP/RLP-M48-10	20.00	16.00	40.00	32.00	22.40	16.00	33.60	24.00

Note! These working load limits are valid as long as only axial loading takes place, i.e. no bending force applied in the direction of the thread.

In case of asymmetric loading we recommend following loading:

- 2-leg as corresponding 1-leg.
- 3- or 4-leg as corresponding 2-leg.

*) Provided only axial loading takes place, ie no bending force applied in the direction of the thread.

Important advice for safe use

- » Take note of heat conditions which reduce the working load limit.
- » Lift and lower loads smoothly – do not jerk.
- » Use only original Gunnebo spare parts.
- » Never exceed published working load limit.
- » Hot dip galvanizing is not allowed.
- » Use in acidic conditions is not allowed
- » Sharp edges and burrs must be removed to prevent snagging.
- » If the intention is to use the product intensively and close to WLL, we recommend upgrading the product one size.

Inspection instructions

Perform inspections regularly. Inspections must be performed by a competent person who is suitably trained and qualified through knowledge and practical experience and who has the instructions necessary to perform the required tests and examinations. Look for:

- » Bent, nicked, worn or elongated components
- » Severe corrosion
- » Scouring and cracks
- » Ensure that the all functions are fully operable.
- » Enlarged hole and throat openings.
- » If any components show faults from the above inspection, it must immediately be removed from service.

