

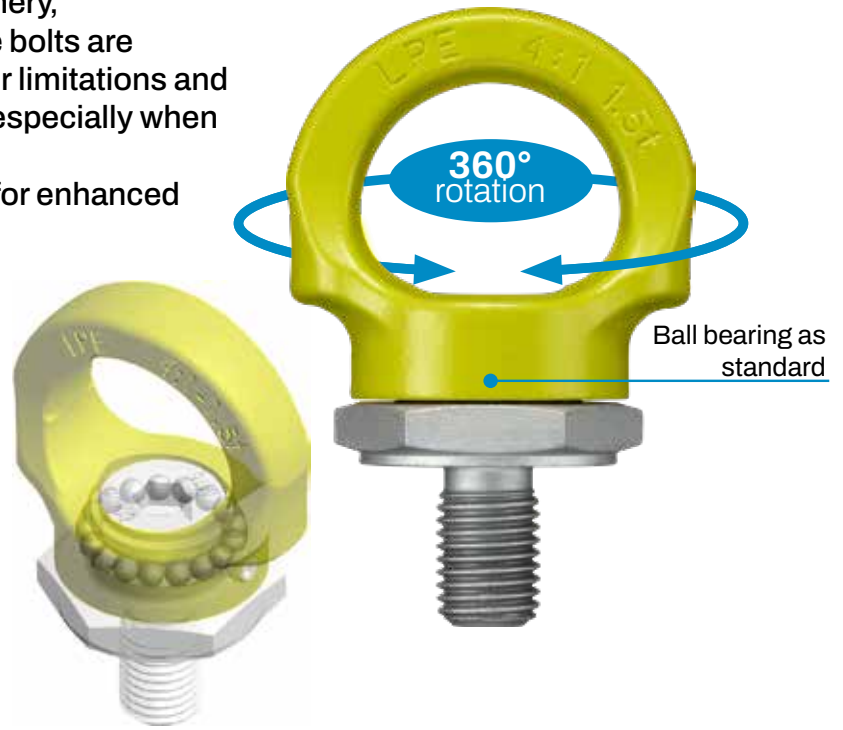


LPE Lifting Point and LPV Thread Conversion Adaptor

Gunnebo Industries' New Lifting Point
for Enhanced Safety and Performance

NEW LPE The Ultimate Lifting Point to Replace Eye Bolts

For the transport and handling of machinery, components, molds, dies and more, eye bolts are frequently used. But, eye bolts have their limitations and can easily be used in a dangerous way, especially when side loaded. Replace them with the new Gunnebo Industries® LPE Lifting Point for enhanced safety and performance!



M8 ~ M30 (7 thread sizes)
Rotating Eye Lifting Point

- ▶ A wide range of installation methods (including 3-way hand tightening)
- ▶ Patented bail design prevents shock loading risk when side loaded
- ▶ 360-degree rotation
- ▶ Ball bearings for rotation even under load
- ▶ 3 mounting options for easy and safe handling
- ▶ High Visibility Colour

For details, see p 2

NEW LPV

Optional:
Screw conversion adaptor

Compatible with most lifting points.

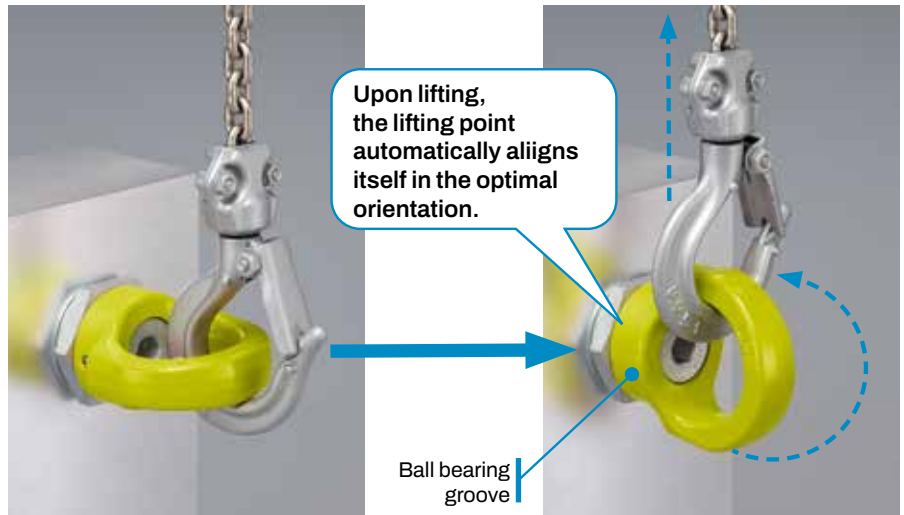
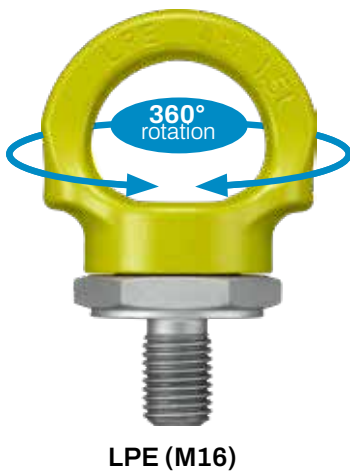
- ▶ Allows an existing threaded hole to be converted allowing for a smaller lifting point to be used

For details, see p 3



NEW LPE Lifting point Eyebolt type

With its patented bail design, the LPE rotates to always arrive at the optimum horizontal position. The ball bearings allow for smooth rotation even under load, and the bolt can be tightened in three ways, manually with hands or with tools.

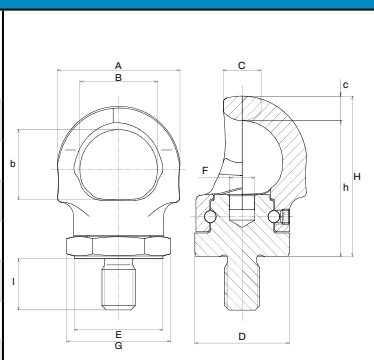


Three ways of installation for all types of work sites



In the case of temporary lifting, hand tightening is possible without the use of tools.

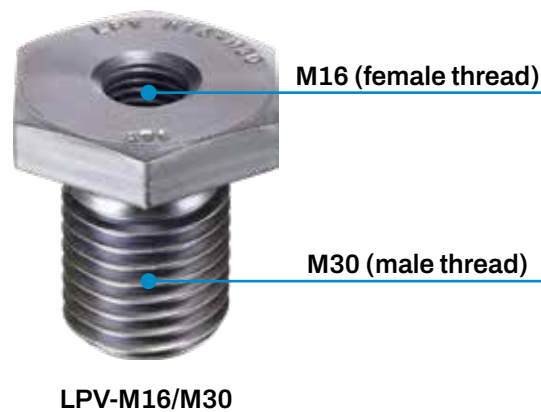
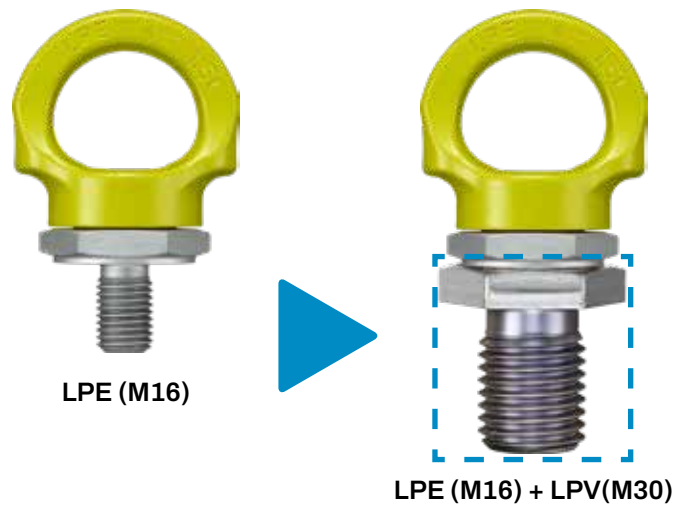
LPE															
Part Number	Description	Bolt thread metric	Bolt length I	Dimensions (mm)										Weight kg	
				A	B	C	D	E	F	G	H	b	c		h
Z103408	LPE-M8x1.25 GrabiQ	8	13	46	30	9	30	Φ29	5	35	52	25	7	45	0,15
Z103410	LPE-M10 x 1.5 GrabiQ	10	16	46	30	9	30	Φ29	5	35	52	25	7	45	0,16
Z103412	LPE-M12 x 1.75 GrabiQ	12	19	54	37	13	36	Φ35	8	42	62	29	9	53	0,27
Z103416	LPE-M16 x 2 GrabiQ	16	25	62	40	17	41	Φ39	10	47	70	33	11	59	0,43
Z103420	LPE-M20 x 2.5 GrabiQ	20	30	78	47	22	50	Φ49	12	58	89	41	14	75	0,9
Z103424	LPE-M24 x 3 GrabiQ	24	36	89	56	26	65	Φ64	17	75	108	49	17	91	1,68
Z103430	LPE-M30 x 3.5 GrabiQ	30	45	113	70	32	80	Φ78	19	92	127	58	22	105	2,86



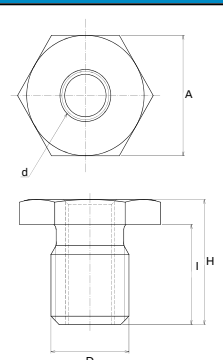
The eye of the lifting point is stamped with the load used when lifting horizontally.

NEW LPV Optional: Thread Conversion Adaptor

Easily adapt the thread size on the load! The LPV screw conversion adaptor offers a cost-effective way to upgrade to a higher-capacity lifting point when replacing standard low-capacity eye bolts.

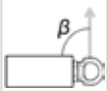
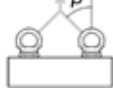
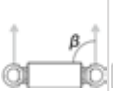




LPV						
Part Number	Description	Bolt thread metric	Bolt length l	Dimensions (mm)		Weight kg
				A	H	
Z103610	LPV-M10/M20	M10 → M20	30	30	38	0,09
Z103612	LPV-M12/M24	M12 → M24	35	36	44	0,15
Z103616	LPV-M16/M30	M16 → M30	40	46	50	0,27
Z103620	LPV-M20/M36	M20 → M36	50	55	62	0,45
Z103624	LPV-M24/M42	M24 → M42	55	65	70	0,73
Z103630	LPV-M30/M48	M30 → M48	60	75	75	0,94



Basic working loads by lifting method

When using two or more Gunnebo Industries® Lifting Points for cargo handling, please use them within the working load range shown in the table below.

Working Load Limits												
												
No. of legs			1	2		2	2	3 & 4		3 & 4	1	
Angle β			90°	0° $\leq\beta\leq$ 45°	45° $<\beta\leq$ 60°	90°	Assymetric	0° $\leq\beta\leq$ 45°	45° $<\beta\leq$ 60°	Assymetric	-	
Part Number	Description	Bolt size	Working load limits (t)									
Z103408	LPE-M8x1.25 GrabiQ	M8	0,3	0,42	0,3	0,6	0,3	0,63	0,45	0,3	0,8	
Z103410	LPE-M10 x 1.5 GrabiQ	M10	0,5	0,70	0,5	1	0,5	1,05	0,75	0,5	1	
Z103412	LPE-M12 x 1.75 GrabiQ	M12	0,75	1,05	0,75	1,5	0,75	1,57	1,12	0,75	2	
Z103416	LPE-M16 x 2 GrabiQ	M16	1,5	2,10	1,5	3	1,5	3,15	2,25	1,5	3,5	
Z103420	LPE-M20 x 2.5 GrabiQ	M20	2,3	3,22	2,3	4,6	2,3	4,83	3,45	2,3	6	
Z103424	LPE-M24 x 3 GrabiQ	M24	3,2	4,48	3,2	6,4	3,2	6,72	4,80	3,2	8	
Z103430	LPE-M30 x 3.5 GrabiQ	M30	4,5	6,30	4,5	9	4,5	9,45	6,75	4,5	12	

If you need a longer bolt lifting points, please look for the Gunnebo Industries DLP LB or RLP LB product. This is the load capacity when using LPE (standalone) for vertical hanging.

Precautions during use

Common

- This product is designed for use with materials with tensile strength greater than iron. It cannot be used with materials with tensile strength less than 400 N/mm².
- It cannot be used in an alkaline or acidic environments.
- Do not install the product by inserting an inclusion such as a washer between the product and the load, or by tightening a perforated steel plate with a nut.
- The working load varies depending on the lifting angle. Be sure to check the actual lifting angle and the working load.
- When using more than one product simultaneously, hang the product so that the load is applied equally. If it is difficult to hang the product evenly, select the lifting point of the larger capacity as a reference.
- Shock load can cause unexpected overload. Take special care when the load leaves the ground or lands.
- Do not leave the product suspended for a long time.
- Inspection is the first step to safety. In order to use the product safely, be sure to perform daily, monthly and periodic inspections.
- Repeated use of the product may result in damage due to metal fatigue. Perform periodic inspections and replacement according to the load and frequency. (This product refers to the EN Standard 1.5 W -20,000 cycle fatigue test.)

LPE

- Use in a temperature range of -40 to 100°C and 100%RH or less.
- Cannot be used underwater. (The same applies to LPV.)
- In temperature ranges other than the above, reduce the operating load as shown on the right.
- For temporary lifting, it can be tightened by hand without using tools.
- For permanent lifting (not removing from a suspended load), apply anti-loosening agent to the screw and tighten to the specified torque using a tool (hexagonal wrench, wrench, etc.).

Temperature	Working load
-40°C or lower	- (Do not use)
Over -40°C and under 100°C	100% (No decrease)
Over 100°C and under 200°C	90%
Over 200°C and under 300°C	75%
Over 300°C and under 350°C	65%
Over 350°C	- (Do not use)

Our other lifting points

Choose the right lifting point for your operation



LPE



RLP



DLP



BLP

	LPE	RLP	DLP	BLP
Tight space	✓		✓	✓
Limited height (effective length)	✓	✓		
Vertical lift	✓	✓		✓
Angular lift	✓	✓	✓	✓
Vertical rotation under load	✓			✓
Tilting under load	✓	✓	✓	✓
Sensitive load surface				✓
Single part lift	✓	✓		✓
Multiple part lift	✓	✓	✓	✓
Integrated combination (hook or link)		✓		
RFID prepared		✓	✓	✓

This chart is intended to give guidance in choosing the right lifting point for your operation and is not rules for usage. For advice contact your closest Gunnebo Industries dealer.

More information

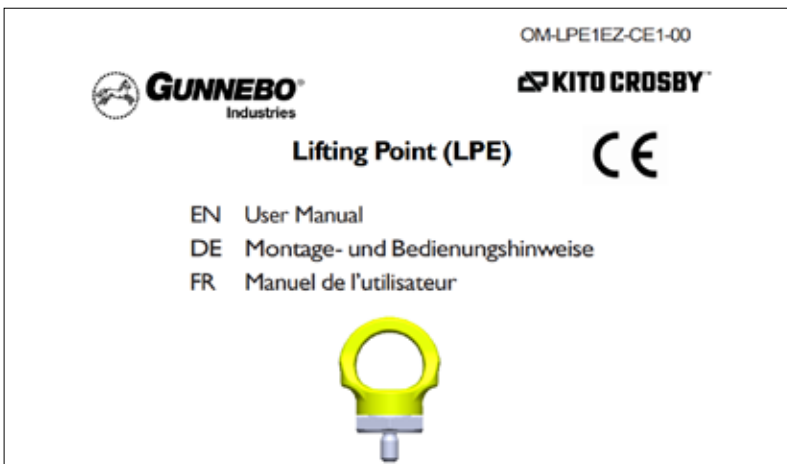
Video

Learn more about the benefits of the new LPE lifting point and the LPV Screw conversion adaptor.



[WATCH VIDEO](#)

User manual



[DOWNLOAD
HERE](#)

Online catalog

Visit our online catalog to explore our wide range of lifting points and our wide assortment of lifting hardware products.

kitocrosby.com/product-category/lifting-points



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Together we lift and secure the world today, for a safer, stronger, and more productive tomorrow. Our iconic brands include Kito, Crosby, Harrington, Gunnebo Industries, and Peerless.

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