

Lifting Points

For every lifting and lashing application



GUNNEBO
Industries



QUALITY



SAFETY



PERFORMANCE

We improve efficiency

Gunnebo Industries was founded in 1764 in Gunnebo, a town located in the south of Sweden. In the very beginning the company forged nails and bolts for ship-making, but soon expanded to manufacturing of chains and lifting products.

The secret of being in business for over 250 years, and still going strong, is by constantly improving our products and solutions to meet our customers' needs. This has been Gunnebo Industries' beacon since the very start. We take great pride in our heritage and it has provided us with an industry experience that is hard to come by, and all of it comes to the greater good for our customers, distributors and partners.

To meet our customers' needs is of course not only about developing new products; it is also about giving advice for difficult operations or improvements on existing products. With our range of lifting points we can provide complete solutions developed for each customer's needs that will improve operational efficiency.

Choosing the right lifting point for your operation can be a challenge since most lifting points can be used for several purposes. In order to give some guidance, and to share what we consider to be best practice, we have created a cross-chart that provide indications to which lifting point that might be best suited for your specific purpose.



	RELP	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.

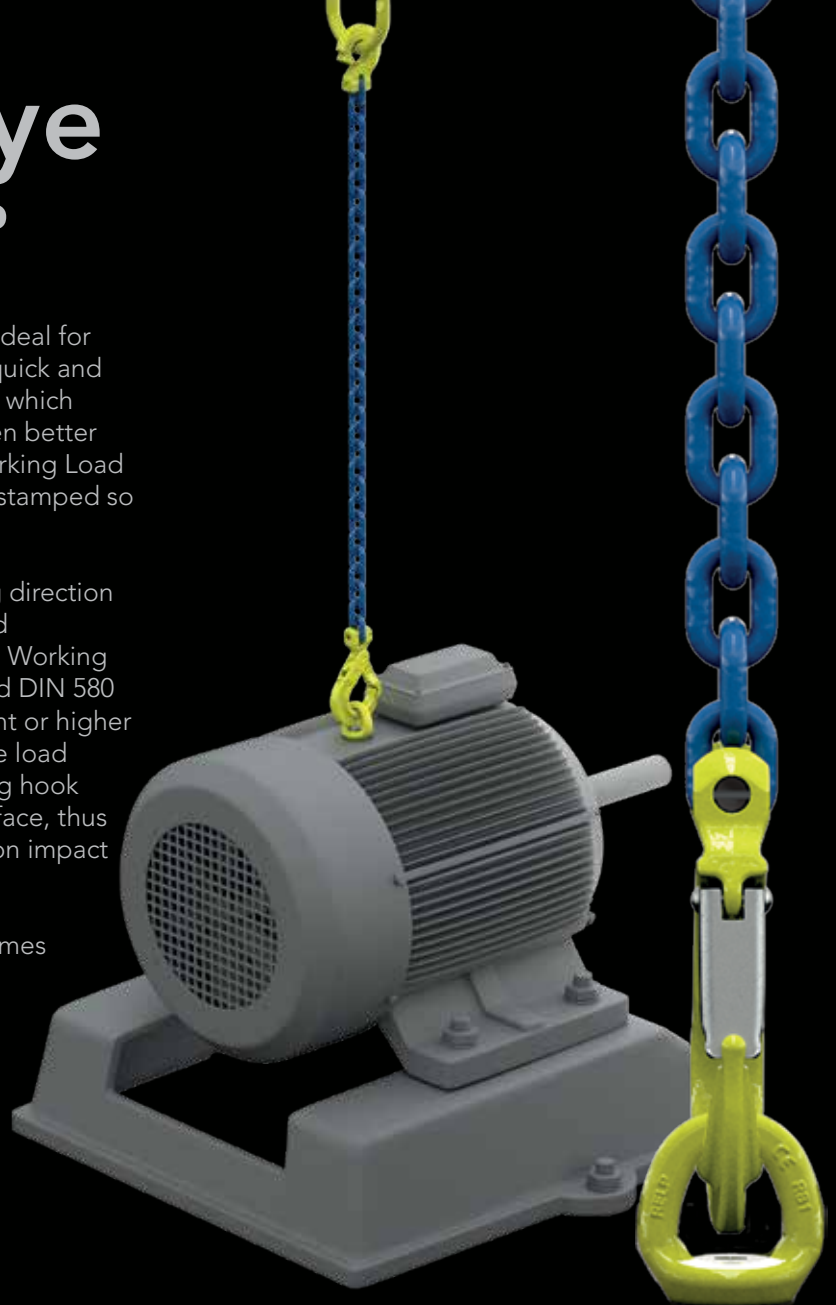
Rotating Eye

Lifting Point - RELP

The RELP is a compact and robust Lifting Point, ideal for top-mounting and when it is important to have quick and easy on-hooking. The bolt has a hexagon socket which makes it easy to mount and dismount but an even better feature is the marking. On the bolt itself, the Working Load Limit, mounting torque and manufacturing ID is stamped so it's always available for the operator.

The RELP will automatically adjust to the loading direction which decreases the risk to load it incorrectly and endangering the lifting operation. It also offers a Working Load Limit several times higher than the standard DIN 580 eye bolt, allowing for use of a smaller Lifting Point or higher capacity using the same thread size. For sensitive load surfaces the RELP is ideal, as the connecting sling hook will be positioned mainly parallel to the load surface, thus completely avoiding the hook causing damage on impact on the load.

Each RELP sold have been proof loaded to 2.5 times the Working Load Limit and visually inspected by a licensed inspector. This is according to our knowledge and experience the most reliable method to detect possible deviations on the product or in the production process. We don't gamble with safety! All Gunnebo Industries Lifting Points are CE-marked.



Working Load Limits* RELP

Symmetric Load (tonnes)	1 leg		2 legs		2 symmetric		3 & 4 symmetric		Tightening torque	Allen key		
	No. of legs	Angle β	No. of legs	Angle β	No. of legs	Angle β	No. of legs	Angle β				
	1	0°	1	90°	2	0°	2	90°	0-45°	45-60°	0-45°	45-60°
RELP -M8 x 1.25	0.7	0.3	1.4	0.6	0.4	0.3	0.6	0.4	10 Nm	8 mm		
RELP 5/16"-18 UNC	0.7	0.3	1.4	0.6	0.4	0.3	0.6	0.4	7 Ft.Lbs	5/16"		
RELP -M10 x 1.5	1.2	0.5	2.4	1.0	0.7	0.5	1.0	0.7	15 Nm	8 mm		
RELP 3/8"-16 UNC	1.2	0.5	2.4	1.0	0.7	0.5	1.0	0.7	11 Ft.Lbs	5/16"		
RELP -M12 x 1.75	2.0	0.8	4.0	1.6	1.1	0.8	1.6	1.2	27 Nm	8 mm		
RELP 1/2"-13 UNC	2.0	0.8	4.0	1.6	1.1	0.8	1.6	1.2	20 Ft.Lbs	5/16"		
RELP -M16 x 2	3.5	1.5	7.0	3.0	2.1	1.5	3.1	2.2	60 Nm	8 mm		
RELP 5/8"-11 UNC	3.5	1.5	7.0	3.0	2.1	1.5	3.1	2.2	44 Ft.Lbs	5/16"		
RELP -M20 x 2.5	6.1	2.4	12.2	4.8	3.3	2.4	5.0	3.6	90 Nm	8 mm		
RELP 3/4"-10 UNC	5.0	2.3	10.0	4.6	3.1	2.3	4.8	3.4	66 Ft.Lbs	5/16"		
RELP 7/8"-9 UNC	6.1	2.9	12.2	5.8	4.1	2.9	6.1	4.3	66 Ft.Lbs	5/16"		
RELP -M24 x 3	8.1	3.3	16.2	6.6	4.6	3.3	6.9	4.9	135 Nm	19 mm		
RELP 1"-8 UNC	8.1	3.3	16.2	6.6	4.6	3.3	6.9	4.9	100 Ft.Lbs	3/4"		
RELP -M30 x 3.5	12.1	4.6	24.2	9.2	6.4	4.6	9.6	6.9	270 Nm	19 mm		
RELP 1 1/4"-7 UNC	12.1	4.6	24.2	9.2	6.4	4.6	9.6	6.9	200 Ft.Lbs	3/4"		
RELP -M36 x 4	16.1	7.1	32.2	14.2	9.9	7.1	14.9	10.6	320 Nm	19 mm		
RELP 1 1/2"-6 UNC	16.1	7.1	32.2	14.2	9.9	7.1	14.9	10.6	236 Ft.Lbs	3/4"		
RELP -M42 x 4.5	24.0	9.1	48.0	18.2	12.7	9.1	19.1	13.6	600 Nm	19 mm		
RELP 1 3/4"-5 UNC	24.0	9.1	48.0	18.2	12.7	9.1	19.1	13.6	440 Ft.Lbs	3/4"		
RELP -M48 x 5	32.0	12.1	64.0	24.2	16.9	12.1	25.4	18.1	800 Nm	19 mm		
RELP 2"-4.5 UNC	32.0	12.1	64.0	24.2	16.9	12.1	25.4	18.1	590 Ft.Lbs	3/4"		

* Safety factor 4:1

Rotating Eye Lifting Point RELP



Art. no.	Code	Dimensions in mm										Weight kg
		B	C	D	E	H	L	L1	M	Y	Z	
Z102408	REL-P-M8 x 1.25	28	28	11	40	14	15	42	8	50	29	0.2
Z102410	REL-P-M10 x 1.5	28	28	11	40	14	15	42	10	50	29	0.2
Z102412	REL-P-M12 x 1.75	32	33	13	46	13	20	47	12	58	38	0.3
Z102416	REL-P-M16 x 2	39	41	15	53	16	24	57	16	70	40	0.5
Z102420	REL-P-M20 x 2.5	42	43	16	60	18	30	60	20	78	46	0.7
Z102424	REL-P-M24 x 3	50	51	19	68	20	36	71	24	88	44	1.1
Z102430	REL-P-M30 x 3.5	60	62	26	85	28	45	90	30	112	64	2.4
Z102436	REL-P-M36 x 4	72	72	32	97	32	54	104	36	136	74	4.1
Z102442	REL-P-M42 x 4.5	82	82	38	120	37	63	119	42	158	91	6.7
Z102448	REL-P-M48 x 5	94	96	43	142	39	72	135	48	180	102	9.9

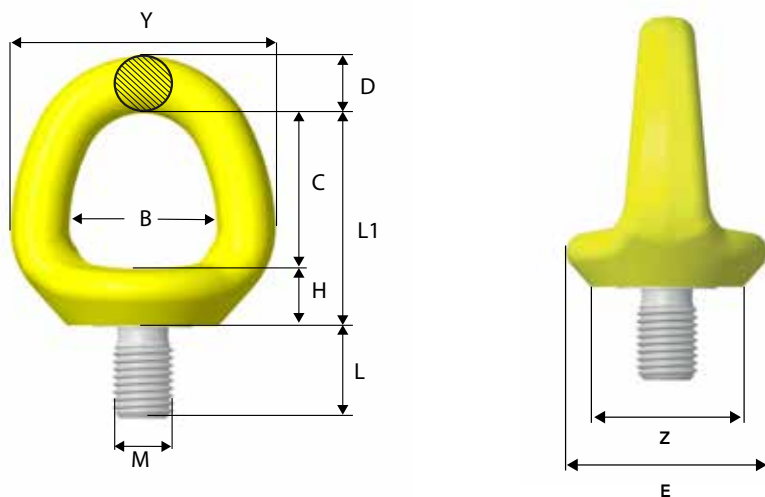
Bolt according to: ISO 898-1 Class 10.9

REL-P with UNC thread



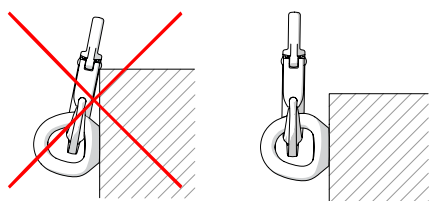
Art. no.	Code	Dimensions in m										M inch	Weight kg
		B	C	D	E	H	L	L1	Y	Z			
Z102508	REL-P 5/16"-18 UNC	28	28	11	40	14	15	42	50	29	5/16"	0.2	
Z102510	REL-P 3/8"-16 UNC	28	28	11	40	14	15	42	50	29	3/8"	0.2	
Z102512	REL-P 1/2"-13 UNC	32	33	13	46	13	20	47	58	38	1/2"	0.3	
Z102516	REL-P 5/8"-11 UNC	39	41	15	53	16	24	57	70	40	5/8"	0.5	
Z102520	REL-P 3/4"-10 UNC	42	43	16	60	18	30	60	78	46	3/4"	0.7	
Z102521	REL-P 7/8"-9 UNC	42	43	16	60	18	30	60	78	46	7/8"	0.7	
Z102524	REL-P 1"-8 UNC	50	51	19	68	20	36	71	88	44	1"	1.1	
Z102530	REL-P 1 1/4"-7 UNC	60	62	26	85	28	45	90	112	64	1 1/4"	2.4	
Z102536	REL-P 1 1/2"-6 UNC	72	72	32	97	32	54	104	136	74	1 1/2"	4.1	
Z102542	REL-P 1 3/4"-5 UNC	82	82	38	120	37	63	119	158	91	1 3/4"	6.8	
Z102548	REL-P 2"-4.5 UNC	94	96	43	142	39	72	135	180	102	2"	10.0	

Bolt according to: ISO 898-1 Class 10.9

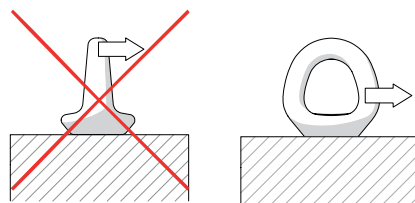


User advice

Instructions are available on our website gunneboindustries.com.



Make sure the hook does not lie against the load surface during lift.



Never side-load the RELP.

Measurements in mm unless other is stated



Tight space



Limited height



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)

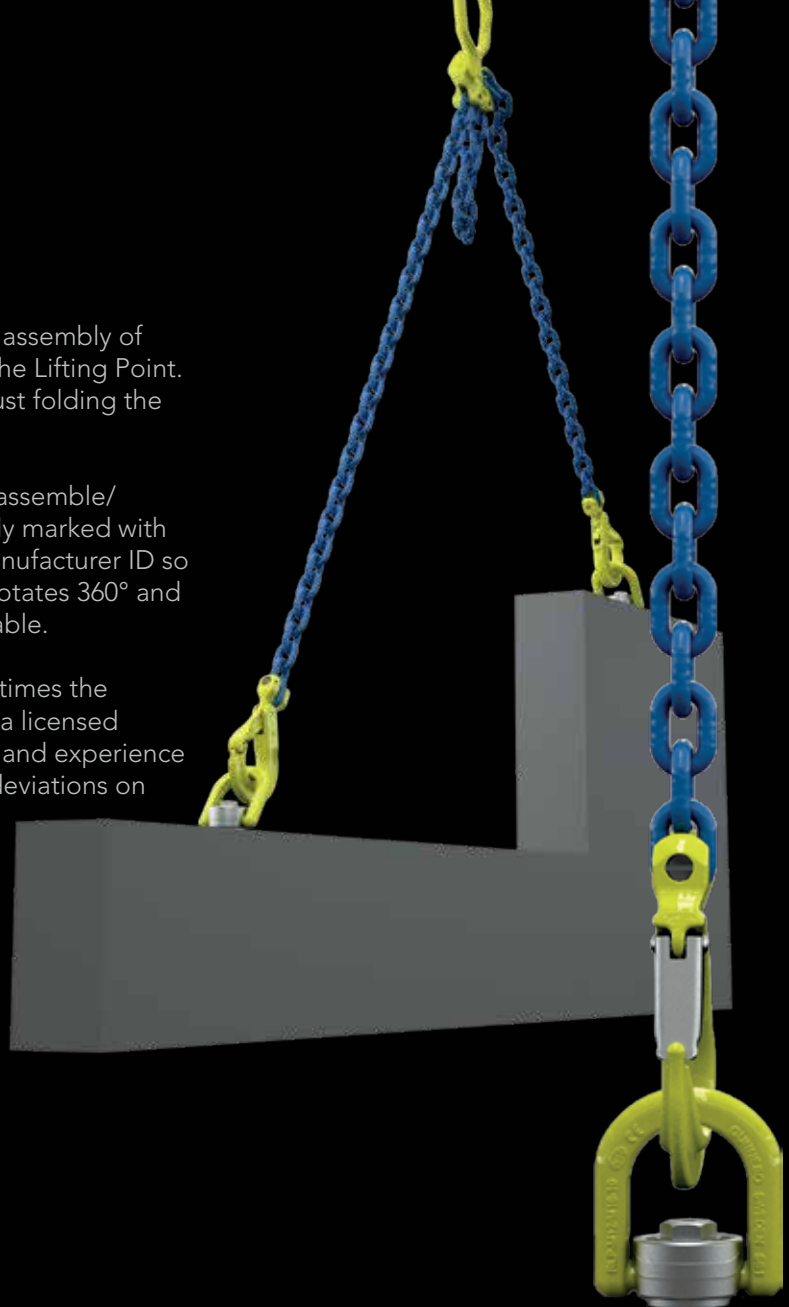
RFID prepared

Rotating Lifting Point - RLP

The RLP has a dismountable D-ring to enable assembly of roundsling, master link or hook directly onto the Lifting Point. The disassembly of the RLP is made easy by just folding the D-ring forward and push down.

RLP has a hexagon bolt to make it easy to disassemble/assemble with a wrench. The bolt is also clearly marked with Working Load Limit, mounting torque and manufacturer ID so it's always available to the operator. The RLP rotates 360° and pivots 180°, making it strong, flexible and reliable.

Each RLP sold have been proof loaded to 2.5 times the Working Load Limit and visually inspected by a licensed inspector. This is according to our knowledge and experience the most reliable method to detect possible deviations on the product or in the production process. We don't gamble with safety! All Gunnebo Industries Lifting Points are CE-marked.



Working Load Limits* RLP

Symmetric Load (tonnes)	1		2		2 symmetric		3 & 4 symmetric		Tightening torque	Spanner size
	No. of legs	Angle β	No. of legs	Angle β	No. of legs	Angle β	No. of legs	Angle β		
	1	0°	1	90°	2	0°	2	90°		
		0°		90°	0-45°	45-60°	0-45°	45-60°		
RLP - M8 x 1.25	0.8	0.4	1.6	0.8	0.5	0.4	0.8	0.6	10 Nm	13 mm
RLP 5/16"-18 UNC	0.8	0.4	1.6	0.8	0.5	0.4	0.8	0.6	7 Ft.Lbs	1/2"
RLP - M10 x 1.5	1.2	0.7	2.4	1.4	0.9	0.7	1.4	1.0	15 Nm	13 mm
RLP 3/8"-16 UNC	1.2	0.65	2.4	1.3	0.9	0.6	1.3	0.9	11 Ft.Lbs	1/2"
RLP - M12 x 1.75	2.0	1.2	4.0	2.4	1.6	1.2	2.5	1.8	27 Nm	24 mm
RLP 1/2"-13 UNC	2.0	1.2	4.0	2.4	1.6	1.2	2.5	1.8	20 Ft.Lbs	15/16"
RLP - M16 x 2	3.2	2.0	6.4	4.0	2.8	2.0	4.2	3.0	60 Nm	24 mm
RLP 5/8"-11 UNC	3.2	2.0	6.4	4.0	2.8	2.0	4.2	3.0	44 Ft.Lbs	15/16"
RLP - M20 x 2.5	5.6	2.8	11.2	5.6	3.9	2.8	5.8	4.2	90 Nm	32 mm
RLP 3/4"-10 UNC	5.0	2.5	10.0	5.0	3.5	2.5	5.2	3.7	66 Ft.Lbs	1 5/16"
RLP 7/8"-9 UNC	5.6	2.8	11.2	5.6	3.9	2.8	5.8	4.2	66 Ft.Lbs	1 5/16"
RLP - M24 x 3	8.0	4.6	16.0	9.2	6.4	4.6	9.6	6.9	135 Nm	32 mm
RLP 1"-8 UNC	8.0	4.6	16.0	9.2	6.4	4.6	9.6	6.9	100 Ft.Lbs	1 5/16"
RLP - M30 x 3.5	12.0	6.0	24.0	12.0	8.4	6.0	12.6	9.0	270 Nm	55 mm
RLP 1 1/4"-7 UNC	12.0	6.0	24.0	12.0	8.4	6.0	12.6	9.0	200 Ft.Lbs	2 1/4"
RLP - M36 x 4	14.0	8.0	28.0	16.0	11.2	8.0	16.8	12.0	320 Nm	55 mm
RLP 1 1/2"-6 UNC	14.0	8.0	28.0	16.0	11.2	8.0	16.8	12.0	236 Ft.Lbs	2 1/4"
RLP - M42 x 4.5	16.0	14.0	32.0	28.0	19.6	14.0	29.4	21.0	600 Nm	75 mm
RLP 1 3/4"-5 UNC	16.0	14.0	32.0	28.0	19.6	14.0	29.4	21.0	440 Ft.Lbs	3"
RLP - M48 x 5	20.0	16.0	40.0	32.0	22.4	16.0	33.6	24.0	800 Nm	75 mm
RLP 2"-4.5 UNC	20.0	16.0	40.0	32.0	22.4	16.0	33.6	24.0	590 Ft.Lbs	3"

* Safety factor 4:1

Rotating Lifting Point RLP



Art. no. standard bolt length	L	Art.no. long bolt length**	L2	Code	B	C	Dimensions in mm						Weight kg***
							D	L1	M	X	Y	Z	
Z101708	16	Z1017080L	101	RLP-M8 x 1.25	42	35	12	62	8	27	64	Ø40	0.3
Z101710	16	Z1017100L	101	RLP -M10 x 1.5	42	35	12	62	10	27	64	Ø40	0.3
Z101712	25	Z1017120L	120	RLP -M12 x 1.75	57	46	19	88	12	42	91	Ø54	1.0
Z101716	25	Z1017160L	160	RLP-M16 x 2	57	46	19	88	16	42	91	Ø54	1.0
Z101720	36	Z1017200L	200	RLP-M20 x 2.5	83	55	28	110	20	55	133	Ø80	2.9
Z101724	36	Z1017240L	240	RLP-M24 x 3	83	55	28	110	24	55	133	Ø80	2.9
Z101730	58	Z1017300L	300	RLP-M30 x 3.5	114	70	34	148	30	78	182	Ø111	7.1
Z101736	58	Z1017360L	300	RLP-M36 x 4	114	70	34	148	36	78	182	Ø111	7.3
Z101742	81	Z1017420L	301	RLP-M42 x 4.5	149	91	40	190	42	99	229	Ø142	14.3
Z101748	81	Z1017480L	301	RLP-M48 x 5	149	91	40	190	48	99	229	Ø142	14.5

** Long bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.

Bolt, nut and washer according to: ISO 898-1 Class 10.9

RLP with UNC thread



Art. no. standard bolt length	L	Art.no. long bolt length**	L2	Code	B	C	Dimensions in mm						M inch	Weight kg***
							D	L1	X	Y	Z			
Z101808	16	Z1018080L	101	RLP-5/16"-18 UNC	42	35	12	62	27	64	Ø40	5/16"	0.3	
Z101810	16	Z1018100L	101	RLP-3/8"-16 UNC	42	35	12	62	27	64	Ø40	3/8"	0.3	
Z101812	25	Z1018120L	120	RLP-1/2"-13 UNC	57	46	19	88	42	91	Ø54	1/2"	1.0	
Z101816	25	Z1018160L	160	RLP-5/8"-11 UNC	57	46	19	88	42	91	Ø54	5/8"	1.0	
Z101820	36	Z1018200L	200	RLP-3/4"-10 UNC	83	55	28	110	55	133	Ø80	3/4"	2.9	
Z101821	36	Z1018210L	200	RLP-7/8"-9 UNC	83	55	28	110	55	133	Ø80	7/8"	2.9	
Z101824	36	Z1018240L	240	RLP 1"-8 UNC	83	55	28	110	55	133	Ø80	1"	2.9	
Z101830	58	Z1018300L	300	RLP 1 1/4"-7 UNC	114	70	34	148	78	182	Ø111	1 1/4"	7.1	
Z101836	58	Z1018360L	300	RLP 1 1/2"-6 UNC	114	70	34	148	78	182	Ø111	1 1/2"	7.3	
Z101842	81	Z1018420L	301	RLP 1 3/4"-5 UNC	149	91	40	190	99	229	Ø142	1 3/4"	14.4	
Z101848	81	Z1018480L	301	RLP 2"-4.5 UNC	149	91	40	190	99	229	Ø142	2"	14.7	

** Long bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.

Bolt, nut and washer according to: ISO 898-1 Class 10.9



Tight space

Limited height

Vertical lift

Angular lift

Vertical rotation under load

Tilting under load

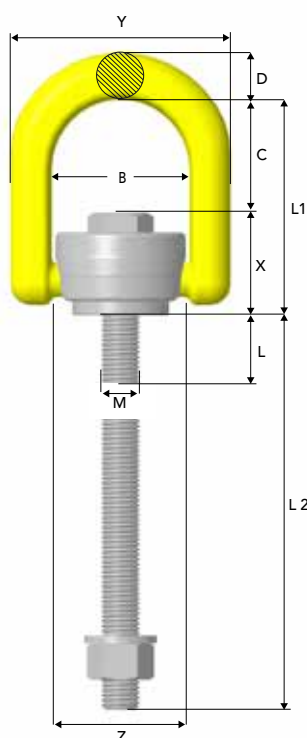
Sensitive load surface

Single part lift

Multiple part lift

Integrated combination
(hook or link)

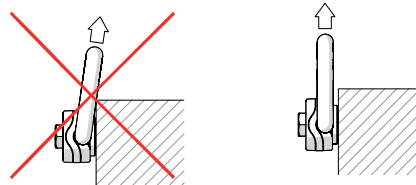
RFID prepared



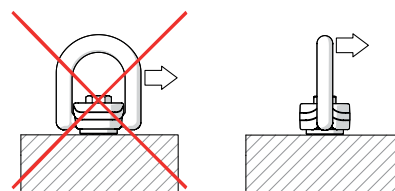
Disassembly of the RLP is easily done by just folding the D-ring forward and push down.

User advice

Instructions are available on our website gunneboindustries.com.



Make sure the D-ring does not lie against the load surface during lift.



Never side-load the RLP.