

Lindab lifting bracket LOGL

LOGL is a lifting bracket for lifting and handling elements. Using the table that follows, you can easily see how many screws are needed to get security according to SS-EN-13964:2014.

The lifting bracket is made of steel S350 + Z275 with 1.0 mm thickness and must be assembled directly to the main steel frame (inside gypsum board).



Dimensioning table for lifting bracket LOGL

Comments

The table complies with the general lifting requirements according to SS-EN-13964:2014.

Screw capacity meets SS-EN-1993-1-3:2006.

The values apply only if at least 2 LOGLs are used per element. Specified number of screws in the table is per LOGL.

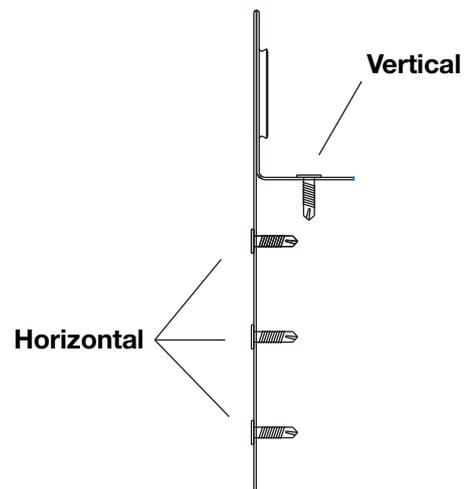
The horizontal screws take up the entire vertical load, while the vertical screws takes care of the inclination due to the displacement between the center of gravity of the element and the position of the lifting eye. The eyelid must be mounted flatly to the steel.

Number of lifting brackets when used: 2 pcs



Number of 4.8 mm self-drilling hardened screw for vertical and horizontal forces

Weight of element [kg]	Material thickness element [mm]							
	0.7		1.0		1.2		1.5	
	H	V	H	V	H	V	H	V
50	3	2	3	2	3	2	3	2
100	3	2	3	2	3	2	3	2
150	3	2	3	2	3	2	3	2
200	3	2	3	2	3	2	3	2
250	3	2	3	2	3	2	3	2
300	4	2	3	2	3	2	3	2
350	4	2	3	2	3	2	3	2
400	5	2	3	2	3	2	3	2
450	6	2	4	2	4	2	4	2
500	6	2	4	2	4	2	4	2
550	7	3	4	2	4	2	4	2
600	7	3	5	2	5	2	5	2
650	8	3	5	2	5	2	5	2
700	8	3	5	2	5	2	5	2
750	9	3	6	2	6	2	6	2
800	9	3	6	2	6	2	6	2



The table applies to lifting with straps perpendicular to the element (use lifting stick). When lifted at a different angle, the number of screws is scaled up.

The above table is valid only for use with Lindab studs and runners made of steel S350 + Z275.

The values in the table above do not apply if people are below the lifting element.

An example of approved screw is Unite B08.