

Area of Application

Lifting eyes are to be screwed down hard against the substrate. When two lifting eyes are used, their interrelated position must be such that the eyes lie on the same plane. As they must be tightened firmly against the substrate, it may be necessary to place washers between the flange and the substrate to ensure the eyes are on the same plane. Angles greater than 90° between the lifting slings are not permitted. For maximum load see table 13 in the technical chapter.

Description

Lifting eye screw LT is designed according to DIN 580. LH according to DIN 582. Made of hardened steel with hot dip galvanized surface treatment for outdoor use.

Installation

Lifting eye screws are to be screwed down hard against the substrate. When two lifting eye screws are used, their interrelated position must be such that the eyes lie on the same plane. As they must be tightened firmly against the substrate, it may be necessary to place washers between the flange and the substrate to ensure the eyes are on the same plane. Angles greater than 90° between the lifting slings are not permitted. Installation must not be carried out against a plane that significantly deviates from a plane perpendicular to the lifting direction straight up. Max. permitted load only applies for lifting eyes designed according to the given standard and if installation is performed as set out above. See more information in Technical data, table 13.

Specification

	LT Hot dip galvanized DIN 580	LH Hot dip galvanized DIN 582
Material	Hardened and tempered carbon steel according to ISO 898-1	Hardened and tempered carbon steel according to ISO 898-1
Surface treatment	45µm	45µm
Corrosion categories	C3	C3

Lifting eye LH, threaded hole DIN 582. Hot dip galvanized ESSBOX

Item no.	Dimension mm	Surface treat. thickness	ESSBOX size	Qty/ pack.
61091001	M8	45µm	202	10
61091003	M10	45µm	203	10
61091007	M12	45µm	204	10
61091012	M16	45µm	304	10

