



INSTALLATION INSTRUCTIONS FOR LICHTGITTER CZ FIXING MATERIAL

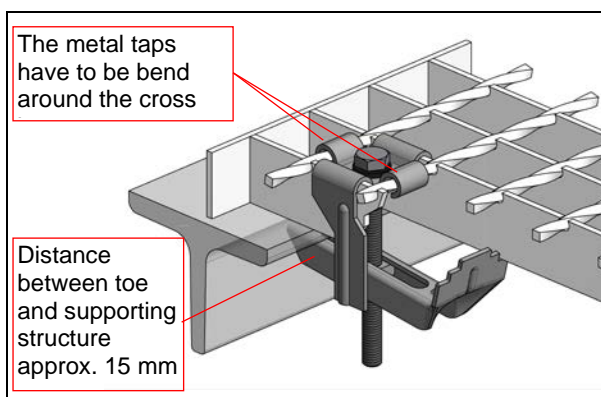
Floor gratings must be according to instruction BGI 588 secured against rising or sliding from the supporting structure. Each grating should be fixed in at least four points, preferably in corners. In places where is a risk of falling, the grating must be protected in such a way when the bolt is loosened, the grating will not fall off the supporting structure. Fixing B334K, B433T, B533K and B633K fulfil this requirement. For the other fixings, must be taken other measures to prevent grating movement in the bearing bar direction (e.g. grating stop).

Fixing material from Lichtgitter CZ is available for all types of floor gratings and for all common and designed types of supporting structure profiles. The size of the upper part of fastening member (plate or upper clamp) and the length of bolt are adjusted to individual types of gratings for which fastening material is supplied.

Safety fixing material No. 3 and No. 6 and also most common standard fixing No. 1 are supplied as assembled sets (not valid for smaller pitch).

If not mentioned differently, all types of fixing, including bolts and nuts, are centrifugally galvanized. The upper plates of fixing materials are provided with a hole in the recess for water draining and with moulded protrusions on the upper surface which help prevent slipping and also, when they are galvanized, a zinc coat with equal thickness is created on both sides of the plate. More types of fixing are available with plastic washer.

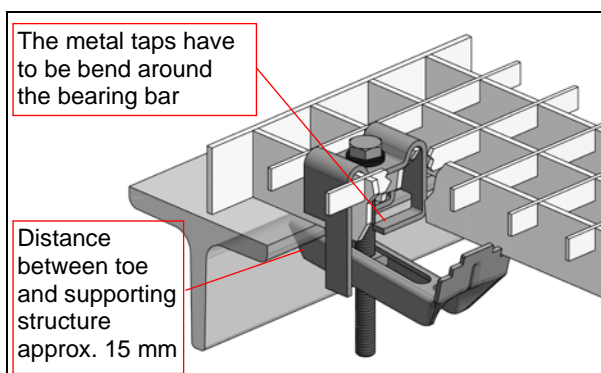
FIXING MATERIAL FOR FORGE-WELDED GRATINGS WITH LOCKING



Safety fixing material B 334K / B 351K / B 33424K

Fixing is designed for forge-welded gratings with pitch 34 x 38 mm (B 334K) or 34 x 50 mm (B 351K) or 34 x 24 mm (B 33424K) and max. height of grating 50 mm. Mounting from above through the grating mesh is possible only by pitch 34 x 38 mm a 34 x 50 mm. This fastening material prevents a slippage of the grating from the supporting structure even when the bolt is loosened. Bolt length at least grating height plus 40 mm.

Consisting of: clamp (upper part), lower part, bolt, nut and plastic locking ring



Safety fixing material B 633K

Fixing is designed for pressure-locked gratings with pitch 33 x 33 mm. Mounting from above through the grating mesh is possible. This fastening material prevents a slippage of the grating from the supporting structure even when the bolt is loosened.

Bolt length at least grating height plus 40 mm.

Consisting of: clamp (upper part), lower part, bolt, nut and plastic locking ring

Installation rules:

- The bolt and upper clamp must be placed as close as possible to the supporting structure (see picture)- so that the distance between the toe of the clamp (upper part) and the supporting structure is approximately 15 mm.
- During installation, make sure that no part of the fixing is damaged by tightening the bolt connection, i.e. neither the plastic locking ring nor the lower part of the fixing
- Tightening is performed using socket wrench No. 13.
- Depending on the conditions of use, all fixing materials must be inspected regularly and bolted connections tightened, if necessary (at least 1x per year).