

SAFETY PRODUCTS

# Installation guide

## JSM D23C Mounting kit for Magne on sliding door

JSM D23C is a mounting kit for Magne 3 and Magne 4 to be used on sliding doors. Designed for use on both right and left opened doors.

Installation shall be done in accordance with a risk assessment for the individual application.

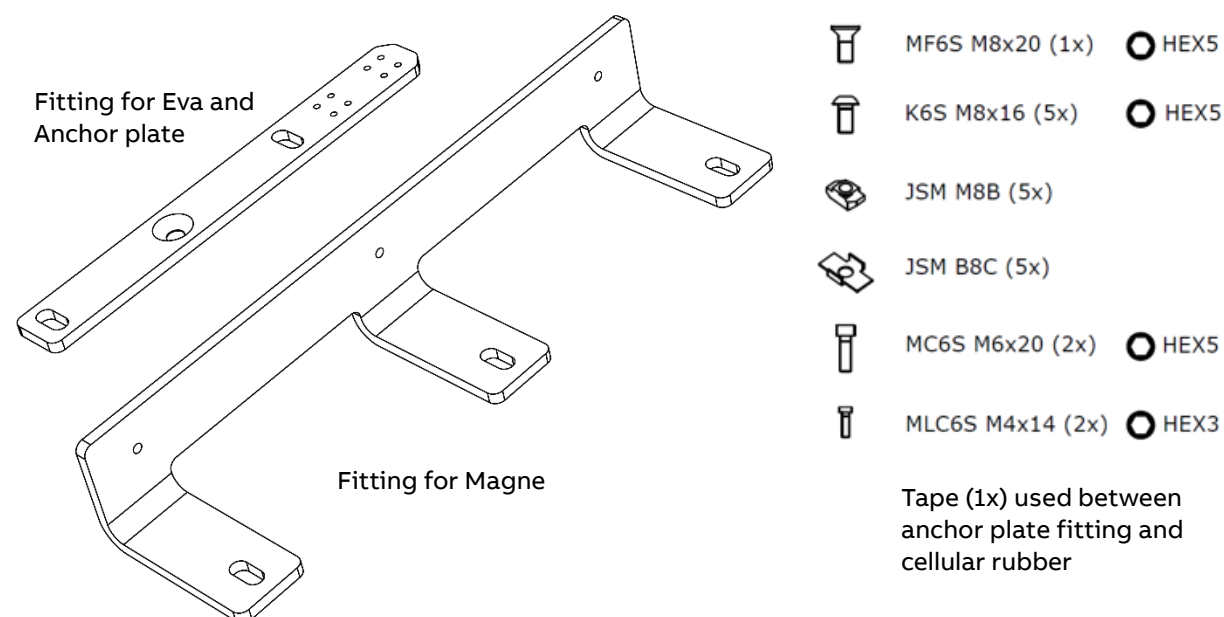
Installation must be carried out by authorized personnel and in accordance with instructions in this document and the 'Magne Product Manual'.

### Parts overview

Product ID	Description
2TLA042023R0210	JSM D23C Mounting kit Magne on sliding door

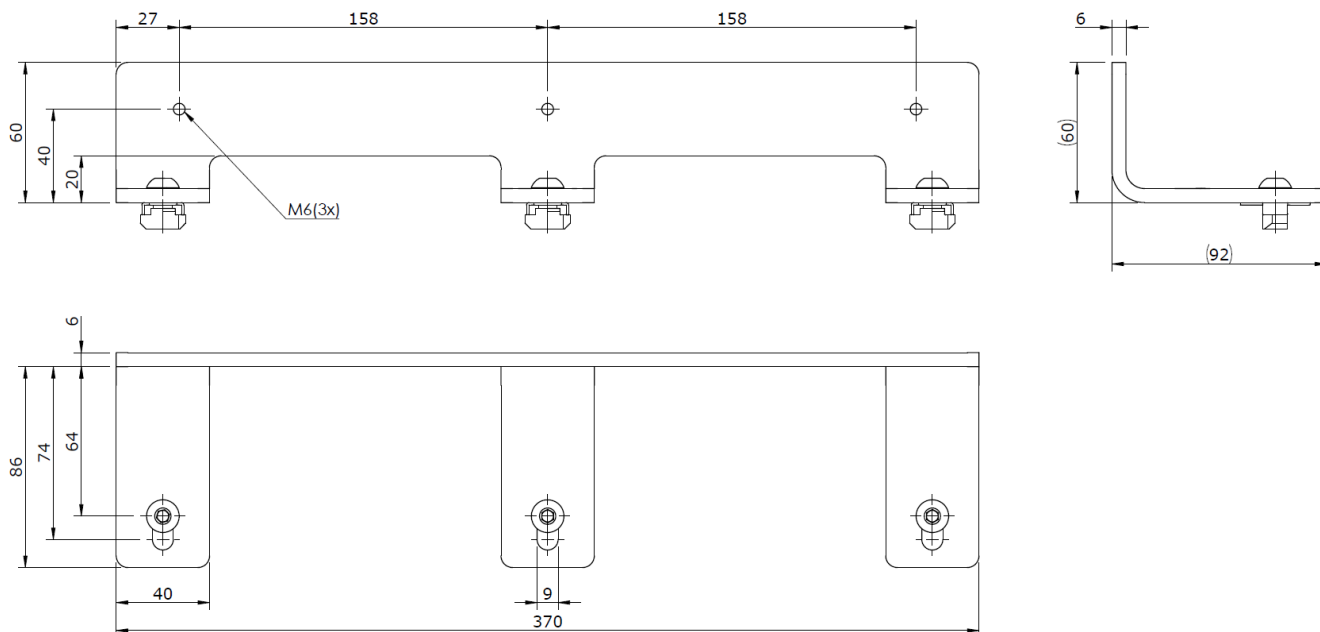
The mounting kit includes all bolts and nuts necessary to mount Magne on ABB Quick-Guard © fencing system.

**Note!** Magne, Eva, anchor plate and cellular rubber are not included in the kit. These items must be ordered separately.

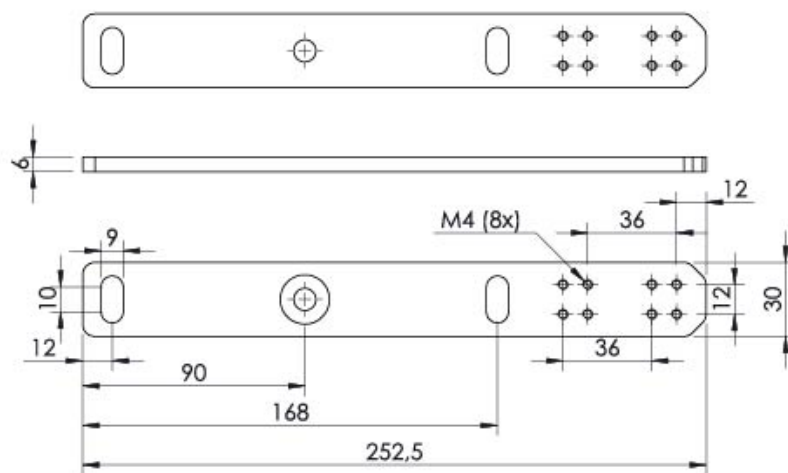


## Dimensions

All dimensions are in millimeter (mm).



## Magne fitting dimensions

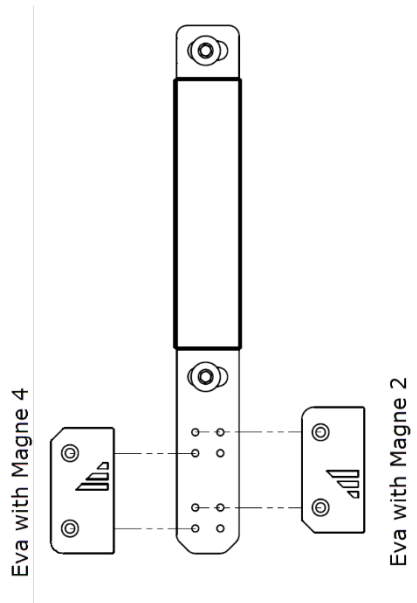


## Eva and Anchor plate fitting dimensions

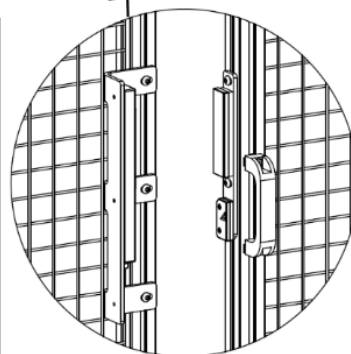
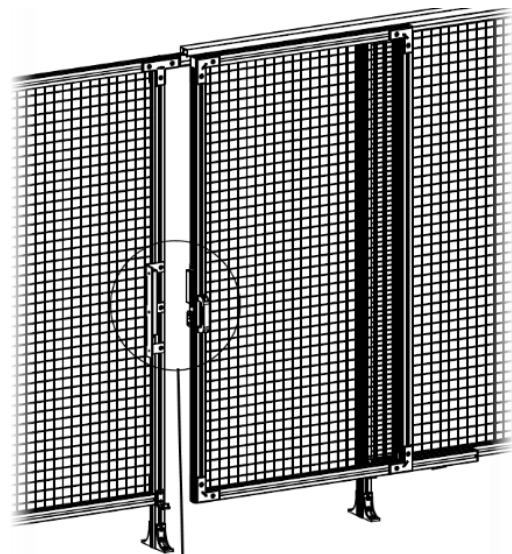
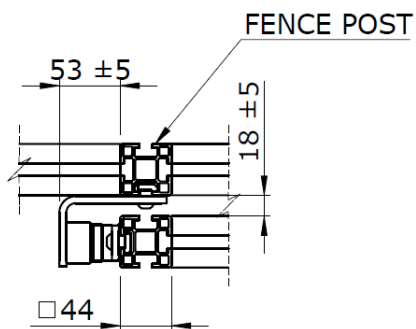
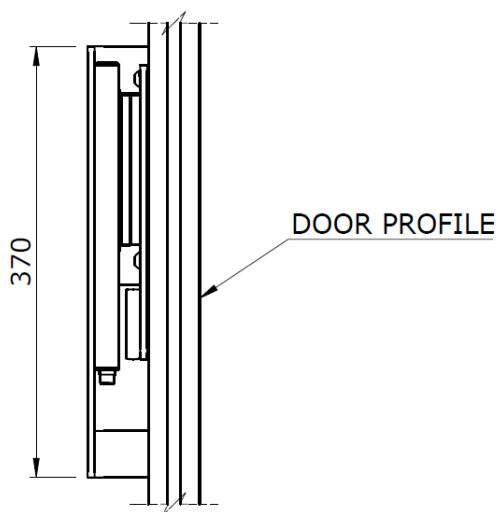
## Orientation and mounting of Eva sensor

Depending on which Magne model used, the Eva sensor must be oriented and mounted in different ways (see figure for details).

Magne 3 has no integrated Adam sensor, i.e. no Eva is used.



## Installation tolerances (mm)

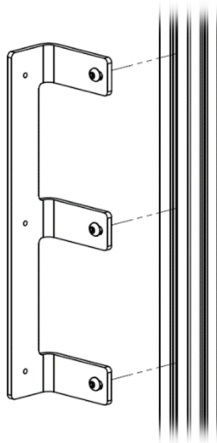


## Installation and mounting

Read and understand 'Magne Product manual' and 'Eden Product manual' before starting the installation.

**Note!** In the following step by step instructions, a Magne 4 is mounted on a right opened sliding door.

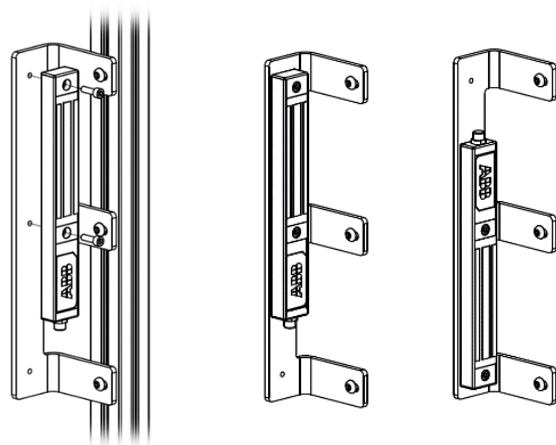
**1.** Mount the Magne fitting on to the fence.



**Note!** Orientation depends on in which direction the door is opened.

**Note!** Mount the bracket near to the handle used for opening the door.

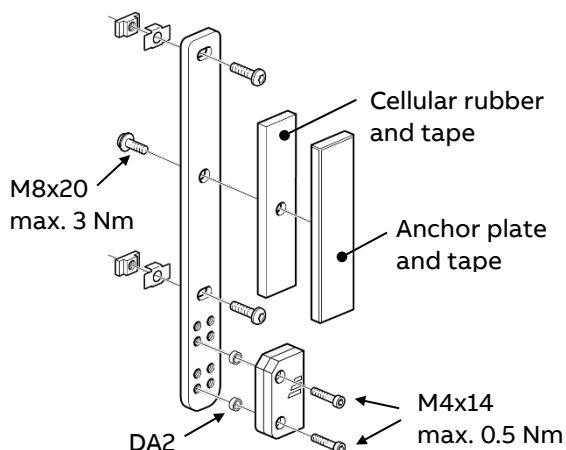
**2.** Mount Magne on to the bracket using 2 pcs M6x20 screws.



**Note!** If Magne M12-contact (cable) should be pointing up, use lower and center M6-installation holes.

**3.** Pre-assemble anchor plate fitting with cellular rubber, tape, anchor plate and Eva.

- Mount anchor plate on to the fitting using a M8x20 screw with thread locking paste and tighten it smoothly.
- Insert 2 pcs DA2 distances on the backside of Eva and mount it on to the fitting using 2 pcs M4x14 screws.

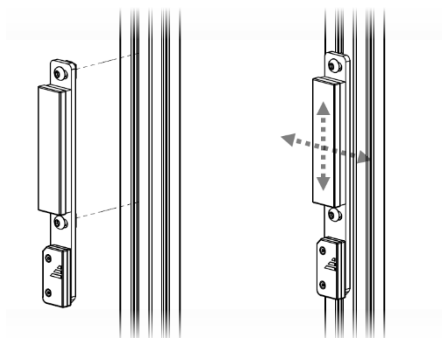


**Note!** Make sure Eva is oriented and positioned to fit the Magne model that is used.

**Note!** Do not overtighten the screws. Do not leave out DA2 distances. This can deform the anchor plate or Eva, causing reduced or no holding force.

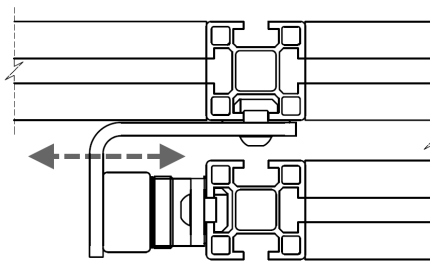
**Note!** Attach one tape between the fitting and cellular rubber and one tape between the anchor plate and cellular rubber. The tape prevents the cellular rubber and anchor plate from rotating.

**4.** Mount anchor plate fitting on to the front edge of the door profile.



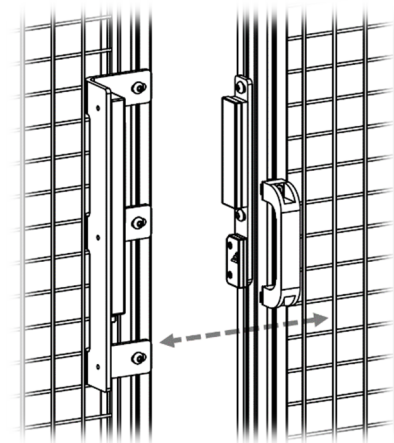
**Note!** Before tightening the screws, make sure the surfaces of Magne electromagnet and anchor plate are completely parallel, i.e. that full contact is obtained when the door is closed.

**5.** To see if Magne fitting needs to be adjusted, mount a separate door stop and close the door. Magne and anchor plate should only be in contact with each other when the door is in closed position.



**Note!** To prevent damages on Magne, a separate door stop must be used.

**6.** To ensure that the function is working correctly, open/close the door several times. Adjust fittings if needed.



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