

Code	Description	Service load SLS
MI-2.5-ST	Industrial Bracket type 2.5	2.5Tn(25KN)
MI-5.0-ST	Industrial Bracket type 5	5Tn(50KN)

Material S275JR

Regulation Screw 8.8

Security Coeficient 1,6 over the yield stress

Welded or anchored bracket on the column and/or steel structure for supporting prefabricated elements (walls, beams....)

Industrial bracket MI-ST

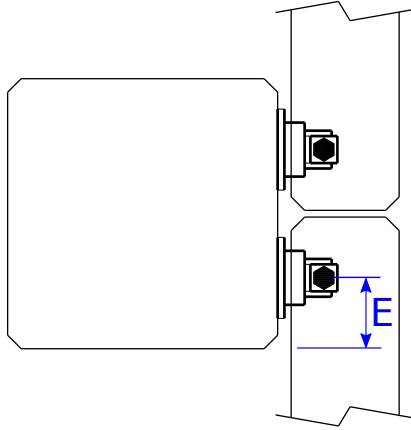


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1. DESIGN PRINCIPLES:

1.1. Distances to take into account:



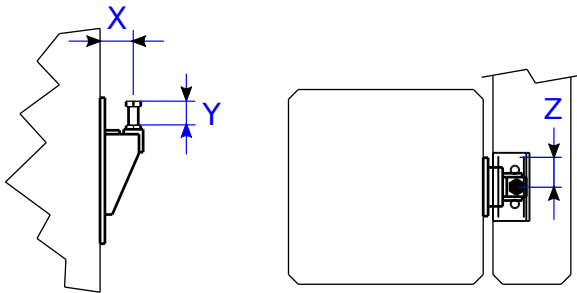
	MI-2.5-ST	MI-05-ST
Minimum distance E	130 mm	130 mm

·Distance E is defined in order to guarantee that there is sufficient space for the reinforcement and the concrete cover.

The bracket MI-ST is connected to the facade panels with the recess CMI which is located, at least, 5cm away from the exterior part of the panel.

2. BRACKET REGULATION:

2.1. The bracket regulation is defined on the three main axes: (**X value of the MI-2.5-ST is 68,5 mm and for MI-05-ST is 70,5 mm.**)



DO NOT EXCEED UNDER ANY CONCEPT THAT THE VALUE OF Y IS GREATER THAN 60MM.

	MI-2.5-ST	MI-05-ST
Y axis regulation	55 mm	50 mm

*Regulation depending on the geometry of the recess CMI for MI-2.5-ST and MI-5.0-ST.

Z axis regulation	MI-2.5-ST	MI-5.0-ST
CMI-01-120	± 20mm	± 20mm
CMI-01-145	± 22.5mm	± 22.5mm
CMI-01-170	± 35mm	± 35mm
CMI-02-120	± 20mm	± 20mm
CMI-02-145	± 22.5mm	± 22.5mm
CMI-02-170	± 35mm	± 35mm

Column-panel distance	MI-2.5-ST	MI-5.0-ST
CMI-01-120	14-44mm	16-46mm
CMI-01-145	14-44mm	16-46mm
CMI-01-170	14-44mm	16-46mm
CMI-02-120	10-41mm	12-43mm
CMI-02-145	10-41mm	12-43mm
CMI-02-170	10-41mm	12-43mm