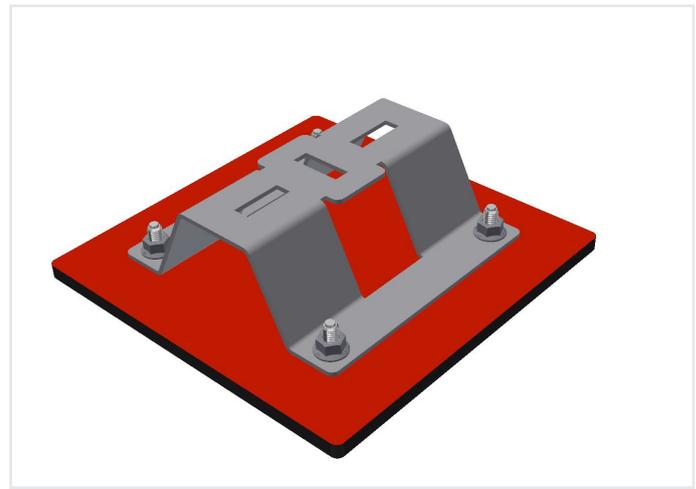
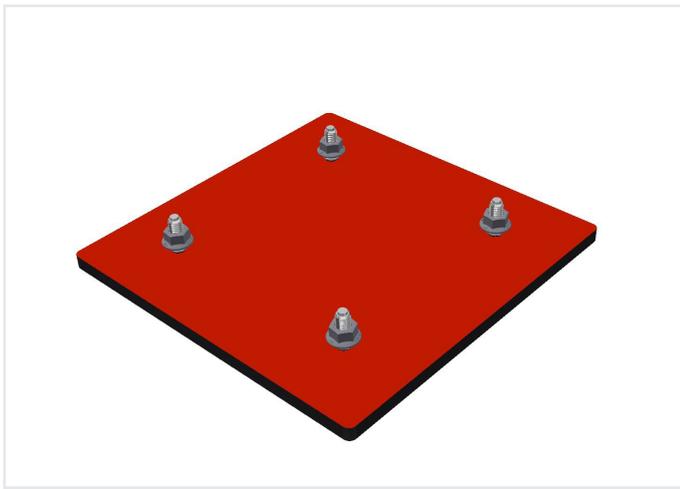


ØS-Hilti Calculation data for Bolted Starter Bracket fitted with Hilti S-BT

ØI-RD-CB-EN-0021

Article	Description	Material	Thickness (mm)	Application	Fixing Bolt(s)
91253	Bolted Starter Bracket S-M BS-100x60	AISI 316L	3	Grid Light starter bracket for Mekano® 50-2T Channels	4

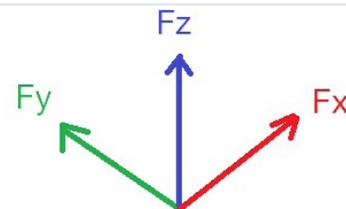
PRODUCT AND APPLICATION



INTERACTIONS

$$\frac{F_{zEk}}{F_{zRk}} + \frac{F_{xEk}}{F_{xRk}} + \frac{F_{yEk}}{F_{yRk}} \leq 1$$

ORIENTATION



ALLOWABLE LOADS

FIT	+/-Fz,Rk [kN]	+/-Fx,Rk [kN]	+/-Fy,Rk [kN]
Form lock	2.50	5.20	5.20
Friction lock	2.50	3.20	3.20

ADDITIONAL INFORMATION

Form lock refers to a bolt set up that do not depend on friction to secure the channel to the starter bracket.
Friction lock refers to a bolt set up that depends on friction to secure the channel to the starter bracket.

The data results shown above are calculated set up with form lock and friction lock.

The calculated loadings shown include a safety factor and are the recommended maximum loadings for the combination of the part(s) and the fixing(s) shown for typical applications. Certain scenarios may allow for higher loadings to be considered.

We recommend to use a calibrated torque tool to ensure correct torque on the connection.

Intended to be used in a grid with loading between brackets.

Bolts: Hilti S-BT-MR-M10/15 SN6

Scan QR code for fitting instructions for S-BT

