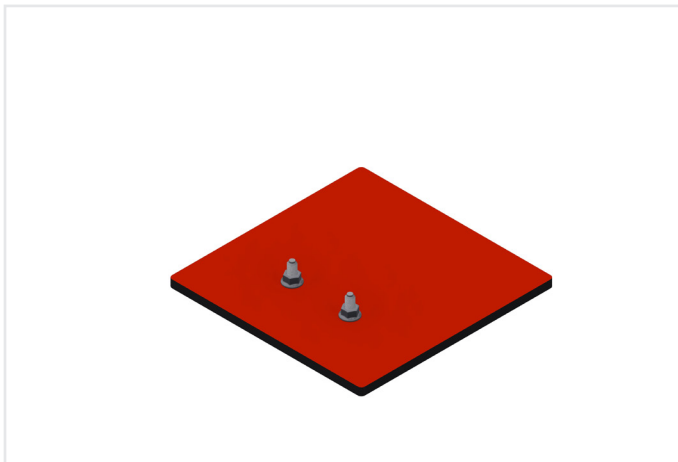


# ØS-Hilti Calculation data for Universal Bracket fitted with Hilti S-BT

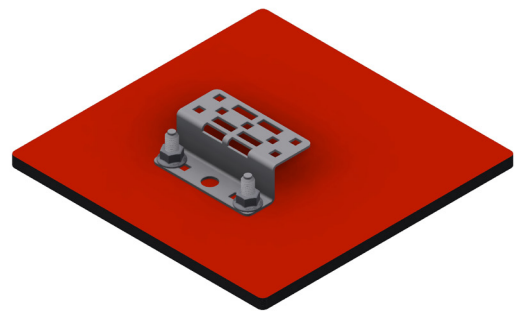
ØI-RD-CB-EN-0031

Article	Description	Material	Thickness (mm)	Application	Fixing Bolt(s)
68634	Universal Bracket FOS A-M-ZB-12/6	AISI 316L	2	Cable tray support Cable ties	2

## PRODUCT AND APPLICATION



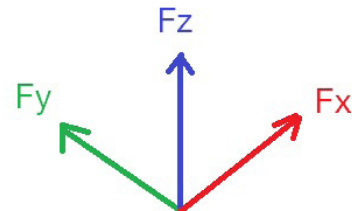
2 Bolts set up



## INTERACTIONS

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

## ORIENTATION



FIT	+/-Fz,Rk [kN]	+/-Fx,Rk [kN]	+/-Fy,Rk [kN]
Form lock	0.4	0.5	1.2
Friction lock	0.4	0.5	1.2

## 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.

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

Scan QR code for fitting instructions for S-BT

