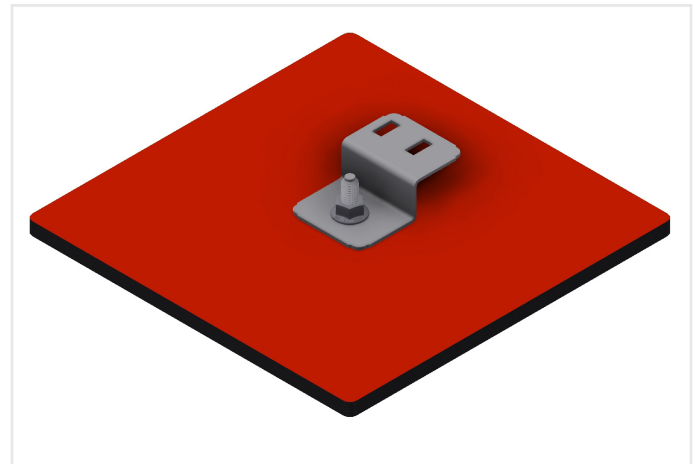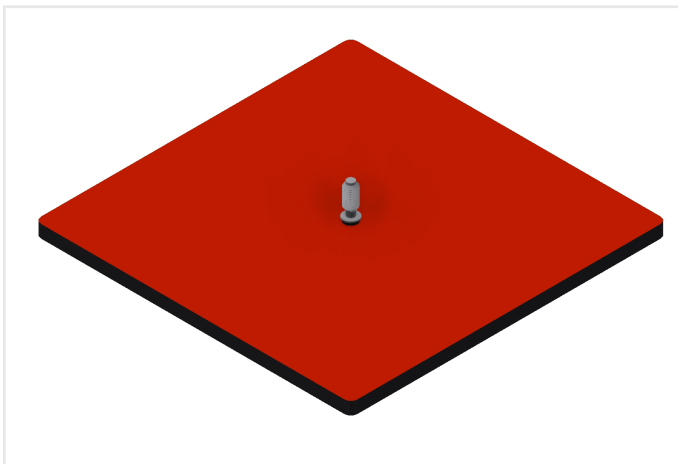# ØS-Hilti Calculation data for ETIN™ Tubing Bracket fitted with Hilti S-BT

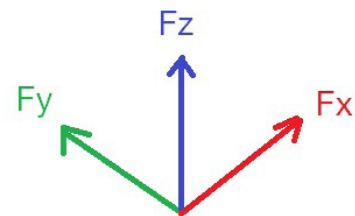| Article	Description	Material	Thickness (mm)	Application	Fixing Bolt(s)
70235	ETIN™ Tubing Bracket A-ETIN BR-Ø13	AISI 316L	2	ETIN™ tubing bracket	1

PRODUCT AND APPLICATION

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	0.2	0.2	0.2
Friction lock	0.2	0.2	0.2

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