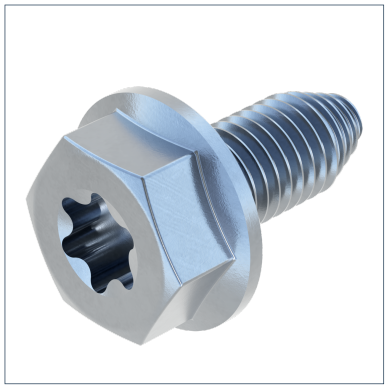
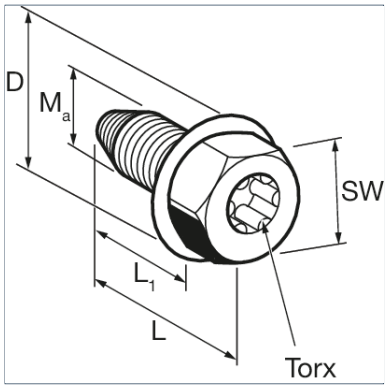
Self Forming Screw FLS F





General Information

The Self Forming Screw FLS creates its own thread inside the wall of the siFramo pilot hole. During the screw-driving operation, the base steel is re-shaped and hardened to form an air-tight seal between the threads of the screw and the surrounding steel, making it exceptionally resistant to vibrational loosening and increasing fastening strength.

Installation

Application	Tightening torque [Nm]
System siFramo	50 +10/-0
Connection to channels 41	35

The installation specifications from the ETAs (24/0471 and 21/0936) must be observed.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Warning notice

The Hilti Group recently launched a thread-forming screw under the product name "MT-TFB OC". This product is visually hard to distinguish from the Sikla original screw "FLS-F", and we would like to notify our customers that the Hilti screw is not compatible with our system. The use of this screw in conjunction with the Sikla system compromises the validity of published load data, declarations of performance and practical stability of installations. In the event of uncertainty on the supply source of thread-forming screws, please contact Sikla customer service.

Types

Type	Weight	Quantity	Part number
FLS F	0.028 kg/pcs.	100 pcs.	192512

Dimensions

Type	D	L	L1	Ma	SW	Torx
FLS F	22.3 mm	30.9 mm	21.5 mm	M10	17 mm	T50

Certification

ETA-21/0936

Documents

siFramo FLS F - ETA-21/0936

DoP - FLS F

Static Guideline - siFramo & siMotec