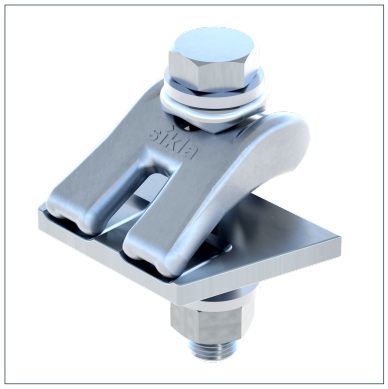
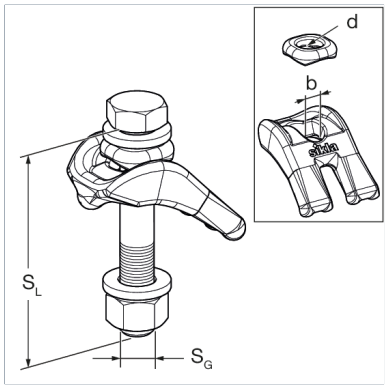
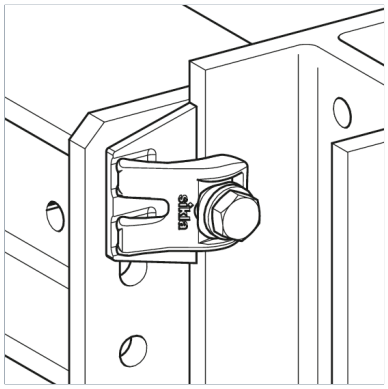
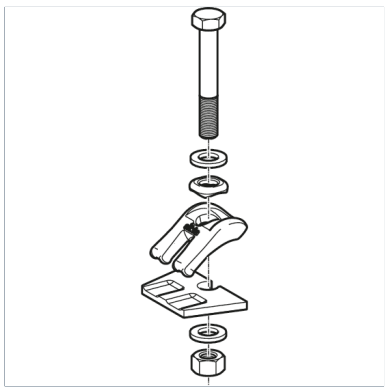
Assembly Set MS 5P MA S HCP









General Information

The Assembly Set MS 5P is used to connect a Beam Bracket TKO, Angled Beam Bracket SKO, End Support WBD or Pivot Joint GE F to a beam section. The Stop Plate assists with professional installation.

Installation

1. Position stop plate on component to be mounted.
2. Position the Beam Clip with the slit side into the indentations of the stop plate and with the lug on the steel girder.
3. Install support plate and HR trimming and tighten accordingly.

The support plate secures a rectangular assembly of the bolt and prevents its shifting or bending stress. In conjunction with the HR trimming a continuous and predictable preload force is guaranteed. The stop plate ensures a tight fit of the Beam Clip.

Tightening torques:

Type	Size range [mm]	Tightening torque MA [Nm] / plus revolution
M12 MA S	1 - 30	60 / 90°
M16 MA S	4 - 40	140 / 90°

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
MS 5P MA M12 S HCP	32,90 kN	32,90 kN	15,10 kN	15,10 kN
MS 5P MA M16 S HCP	39,10 kN	39,10 kN	16,70 kN	16,70 kN

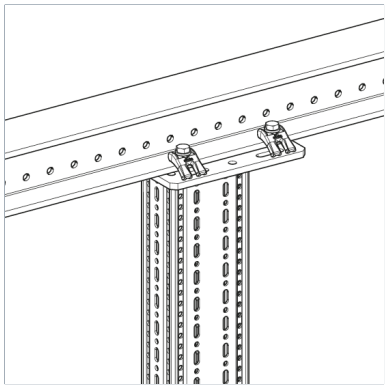
Note on loadings

The specified F(z) data relate to the worst case with flange thicknesses 30 mnm (M12) or 40 mm (M16) as well as a coefficient of adhesion μ(adhesion) = 0,20.
A possibly operating tensile force F(y) isn't included.

Types

Type	Weight	Quantity	Part number
MS 5P MA M12 S HCP	1,630 kg/Set	10 Set	114886
MS 5P MA M16 S HCP	2,900 kg/Set	10 Set	114887

Assembly Set MS 5P MA S HCP



Dimensions

Type	b	d	SG	SL
MS 5P MA M12 S HCP	13 mm	13 mm	M12	80 mm
MS 5P MA M16 S HCP	17 mm	17 mm	M16	100 mm

Certification

Documents

Static Guideline - siFramo & siMotec

Beam Clip SPA 5P AU - abZ Z-14.4-784