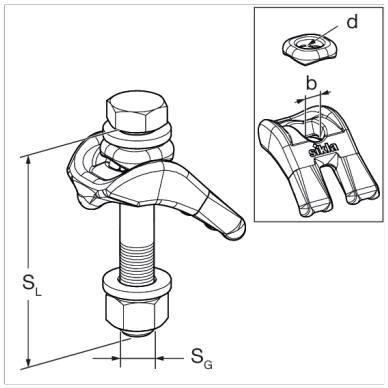
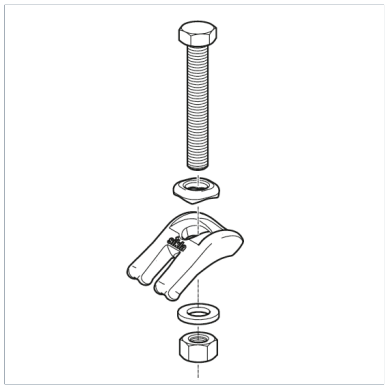
Assembly Set MS 5P A4







General Information

Element for connecting Beam Bracket TKO, Angled Beam Bracket SKO, End Support WBD or Pivot Joint GE F to a beam section.

Installation

1. Position Beam Clip with the split end on beam section.
2. Install support plate and ss 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 ss trimming a continuous and predictable preload force is guaranteed.

Tightening torques:

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

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

Forces

Type	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
MS 5P M12 S2 A4	17,60 kN	17,60 kN	8,10 kN	8,10 kN
MS 5P M12 S A4	17,60 kN	17,60 kN	8,10 kN	8,10 kN
MS 5P M16 S2 A4	19,80 kN	19,80 kN	8,40 kN	8,40 kN
MS 5P M16 S A4	19,80 kN	19,80 kN	8,40 kN	8,40 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 M12 S2 A4	0,610 kg/Set	10 Set	808832
MS 5P M12 S A4	1,180 kg/Set	10 Set	808830
MS 5P M16 S2 A4	1,150 kg/Set	10 Set	803801

Assembly Set MS 5P A4

Type	Weight	Quantity	Part number
MS 5P M16 S A4	2,290 kg/Set	10 Set	808831

Dimensions

Type	b	d	SG	SL
MS 5P M12 S2 A4	13 mm	13 mm	M12	80 mm
MS 5P M12 S A4	13 mm	13 mm	M12	80 mm
MS 5P M16 S2 A4	17 mm	17 mm	M16	100 mm
MS 5P M16 S A4	17 mm	17 mm	M16	100 mm