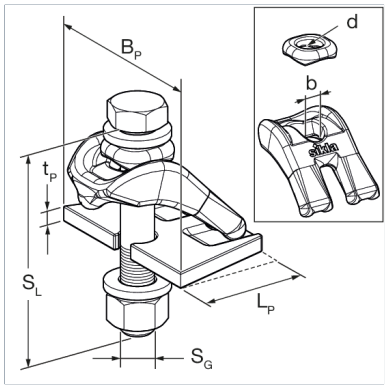
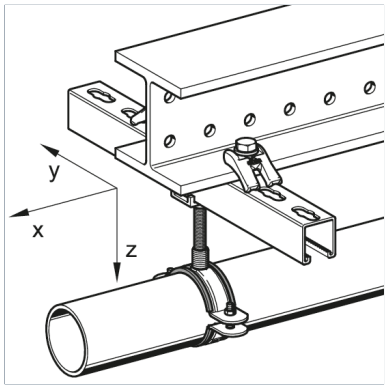
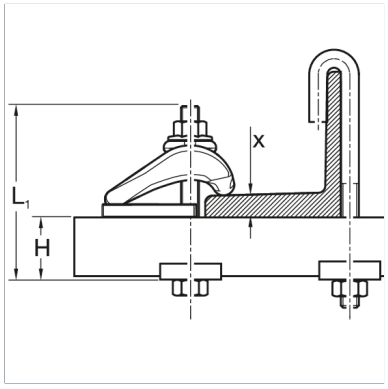
Beam Clip SPA 5P AU HCP









General Information

Universal clamping element for all load bearing end plate and channel connections to existing steelwork without welding or drilling.

Installation

Position the Beam Clip so that the slit side of the clip is in contact with the connecting part and the head of the clip against the existing (primary) steelwork to which the assembly is being fastened. Insert the hex bolt and tighten hex nut to the required installation torque.
The rounded support segment of the Beam Clip ensures that a form-fit contact is produced which prevents shifting or bending stress. Therefore a continuous Beam Clip preload force is ensured.
Tightening torques:

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

For further information on installation, see the document with installation instructions.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{X,perm.}	V{X,perm.}	-V{Z,perm.}	V{Z,perm.}
SPA 5P AU M12 HCP	3.70 kN	3.70 kN	16.20 kN	16.20 kN
SPA 5P AU M16 HCP	4.20 kN	4.20 kN	19.50 kN	19.50 kN

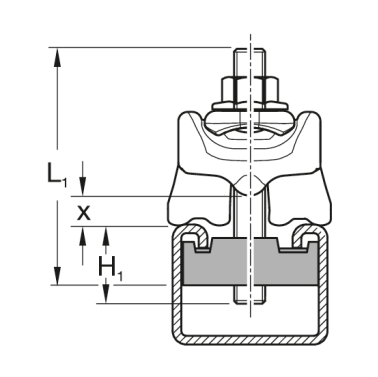
Note on loadings

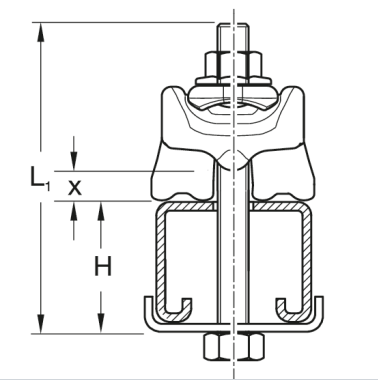
The specified F(z) data relate to the application of a standard hexagon bolt with strength class 8.8. The specified F(x) data relate to the worst case with flange thicknesses 30 mm (M12) or 40 mm (M16) as well as a coefficient of static friction μ(R) = 0.20. A possibly operating tensile force F(z) isn't included.

Types

Type	Weight	Quantity	Part number
SPA 5P AU M12 HCP	0.168 kg/pcs.	20 pcs.	115034
SPA 5P AU M16 HCP	0.296 kg/pcs.	20 pcs.	115035

Beam Clip SPA 5P AU HCP





Dimensions

Type	b	d
SPA 5P AU M12 HCP	13 mm	13 mm
SPA 5P AU M16 HCP	17 mm	17 mm

Certification