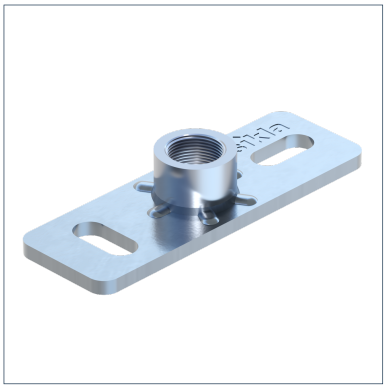
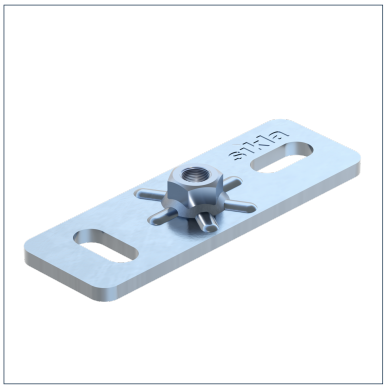
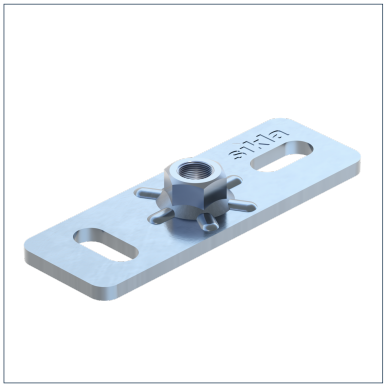
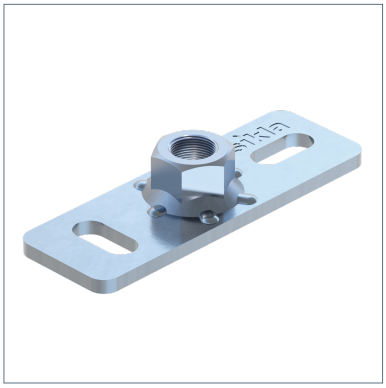
Mounting Plate GPL ST HCP









General Information

Element for fixation to wall, ceiling and floor for installations in M&E services.

Installation

Type	max. lever arm [mm]	Welding method
Stabil M10	200	resistance welding
Stabil M12	300	resistance welding
Stabil M16	300	slot welding
Stabil R 1/2"	350	slot welding

Mechanical Properties

Permissible stress σ{perm.}	160.00 N/mm²

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

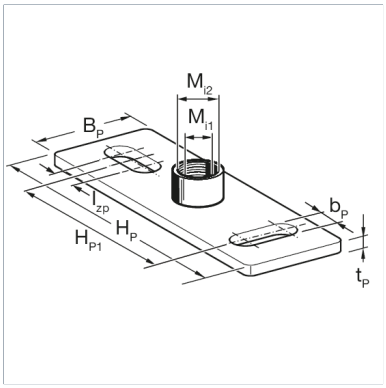
Forces

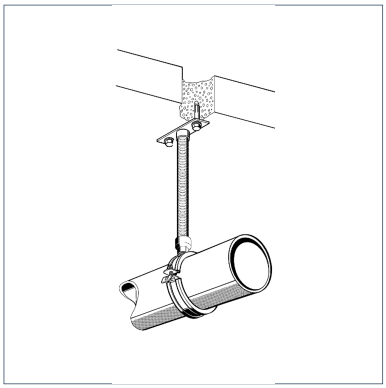
Type	-V{Z,perm.}
GPL-ST M10 HCP	4.00 kN
GPL-ST M12 HCP	4.00 kN
GPL-ST M16 HCP	8.50 kN
GPL-ST 1/2'' HCP	8.50 kN

Moments

Type	M{X,perm.}
GPL-ST M12 HCP	0.03 kNm
GPL-ST M16 HCP	0.07 kNm
GPL-ST 1/2'' HCP	0.1 kNm

Mounting Plate GPL ST HCP





Note on loadings

Limitation of max. perm. bending moment caused by the Mounting Plate or the loading capacity of the grub screw or of the threaded tube.
$\sigma(zul) \leq 160\ N/mm^2$ $f(zul) < 5\ mm$

Types

Type	Max. lever arm	Weight	Quantity	Part number
GPL-ST M10 HCP	200.00 mm	0.150 kg/pcs.	50 pcs.	112684
GPL-ST M12 HCP	300.00 mm	0.160 kg/pcs.	50 pcs.	112685
GPL-ST M16 HCP	300.00 mm	0.200 kg/pcs.	50 pcs.	112686
GPL-ST 1/2'' HCP	350.00 mm	0.210 kg/pcs.	50 pcs.	112683

Dimensions

Type	BP	HP	bP	HP1	lzP	Mi1	tP
GPL-ST M10 HCP	40 mm	120 mm	11 mm	80 mm	14 mm	M10	4 mm
GPL-ST M12 HCP	40 mm	120 mm	11 mm	80 mm	14 mm	M12	4 mm
GPL-ST M16 HCP	40 mm	120 mm	11 mm	80 mm	14 mm	M16	5 mm
GPL-ST 1/2'' HCP	40 mm	120 mm	11 mm	80 mm	14 mm	1/2"	5 mm

Certification