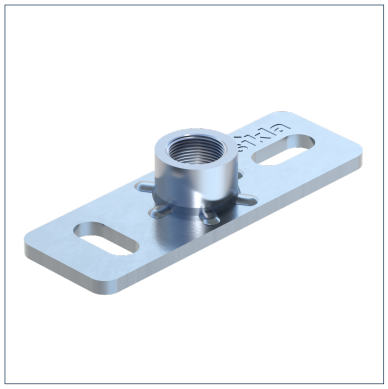
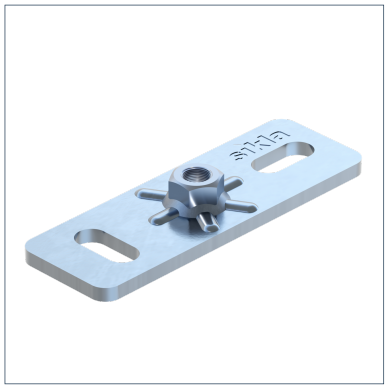
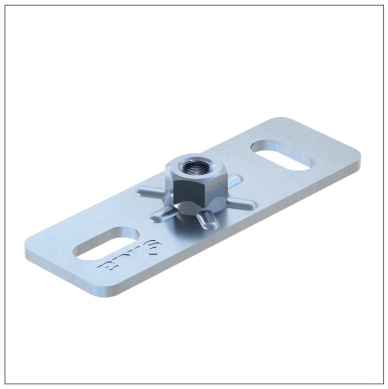
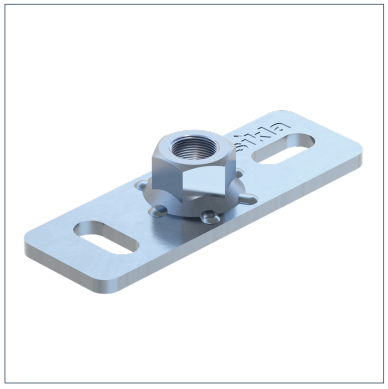
Mounting Plate GPL ST A4









General Information

For wall, ceiling and floor installation for mounting elements in M&E services.

Installation

Type	max. lever arm [mm]	Welding method
Stabil M8	150	resistance welding
Stabil M10	200	resistance welding
Stabil M12	300	resistance welding
Stabil M16	300	slot welding
Stabil R 1/2"	350	slot welding
Stabil R 3/4"	450	slot welding

Mechanical Properties

Permissible stress σ{perm.}	160,00 N/mm²

Material Properties

Halogen-free	0
UV-resistant	0

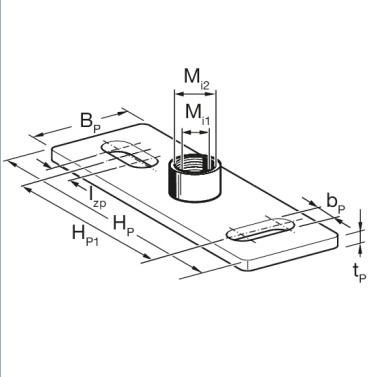
Material

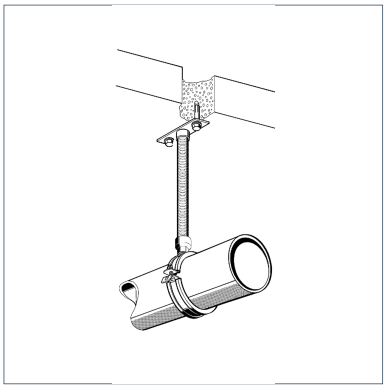
Primary element material	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

Forces

Type	-V{Z,perm.}
GPL STABIL M8 A4	3,00 kN
GPL ST M10 A4	3,00 kN
GPL ST M12 A4	3,00 kN
GPL ST M16 A4	4,50 kN
GPL ST 1/2'' A4	4,50 kN
GPL ST 3/4'' A4	6,20 kN

Mounting Plate GPL ST A4





Moments

Type	M{X,perm.}
GPL STABIL M8 A4	0,01 kNm
GPL ST M10 A4	0,02 kNm
GPL ST M12 A4	0,03 kNm
GPL ST M16 A4	0,07 kNm
GPL ST 1/2'' A4	0,1 kNm
GPL ST 3/4'' A4	0,18 kNm

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 STABIL M8 A4	150,00 mm	0,138 kg/pcs.	50 pcs.	107608
GPL ST M10 A4	200,00 mm	0,143 kg/pcs.	50 pcs.	107617
GPL ST M12 A4	300,00 mm	0,148 kg/pcs.	50 pcs.	107626
GPL ST M16 A4	300,00 mm	0,164 kg/pcs.	50 pcs.	107635
GPL ST 1/2'' A4	350,00 mm	0,161 kg/pcs.	50 pcs.	107644
GPL ST 3/4'' A4	450,00 mm	0,178 kg/pcs.	50 pcs.	107653

Dimensions

Type	BP	bP	HP	HP1	lzP	Mi1	tP
GPL STABIL M8 A4	40 mm	11 mm	120 mm	80 mm	14 mm	M8	4 mm
GPL ST M10 A4	40 mm	11 mm	120 mm	80 mm	14 mm	M10	4 mm
GPL ST M12 A4	40 mm	11 mm	120 mm	80 mm	14 mm	M12	4 mm
GPL ST M16 A4	40 mm	11 mm	120 mm	80 mm	14 mm	M16	4 mm
GPL ST 1/2'' A4	40 mm	11 mm	120 mm	80 mm	14 mm	1/2"	4 mm
GPL ST 3/4'' A4	40 mm	11 mm	120 mm	80 mm	14 mm	3/4"	4 mm

Certification