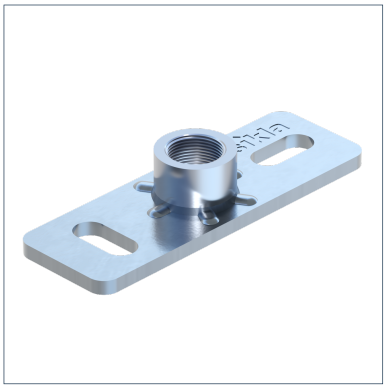
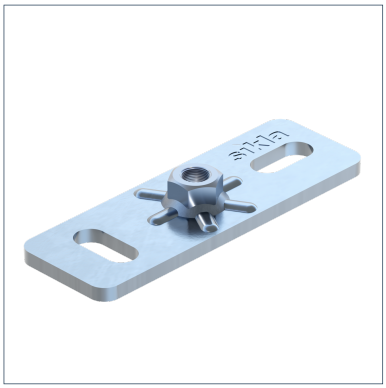
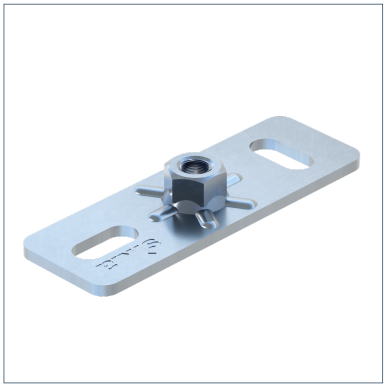
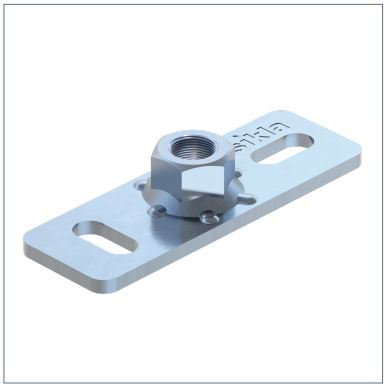
Mounting Plate GPL ST A4









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)

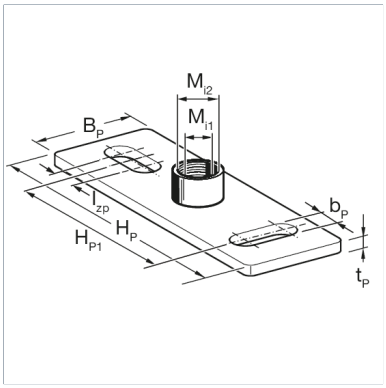
Forces

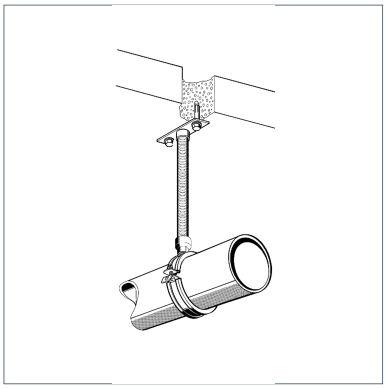
Type	-V{Z,perm.}
GPL ST M12 A4	3.00 kN
GPL ST 1/2'' A4	4.50 kN
GPL ST 3/4'' A4	6.20 kN

Moments

Type	M{X,perm.}
GPL ST M12 A4	0.03 kNm
GPL ST 1/2'' A4	0.1 kNm
GPL ST 3/4'' A4	0.18 kNm

Mounting Plate GPL ST A4





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 M12 A4	300.00 mm	0.148 kg/pcs.	50 pcs.	107626
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 ST M12 A4	40 mm	11 mm	120 mm	80 mm	14 mm	M12	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

EDELSTAHL Rostfrei®

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