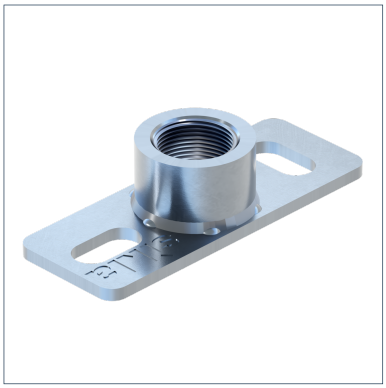
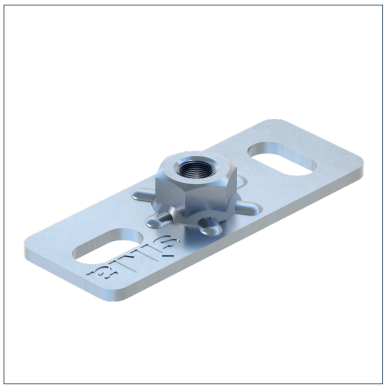
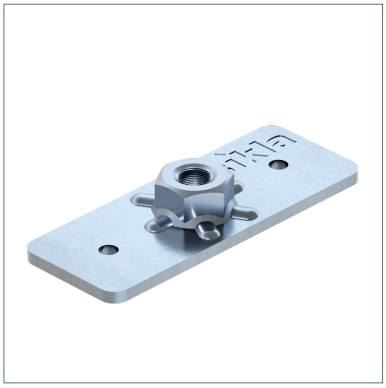
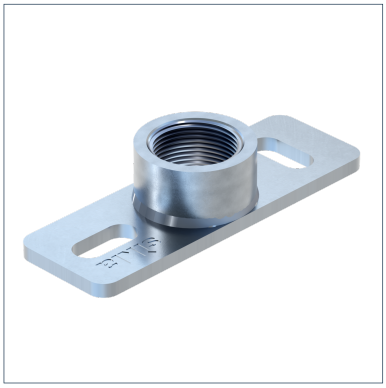
Mounting Plate GPL









General Information

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

Installation

Type	Max. lever arm [mm]	Welding method
Normal M8	150	resistance welding
Normal M10 / M10 RL	200	resistance welding
Normal 2G M8/M10	M8: 150 M10: 200	resistance welding
Normal R 1/2"	300	Widerstandsschweißung
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
Stabil R 1"	500	slot welding

Mechanical Properties

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

Material Properties

Halogen-free	0
UV-resistant	0

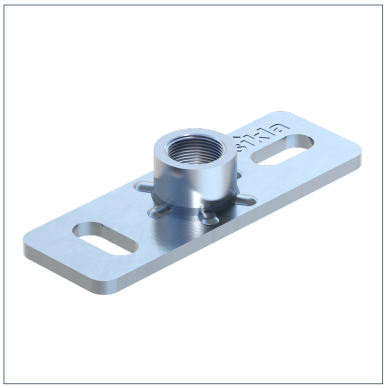
Material

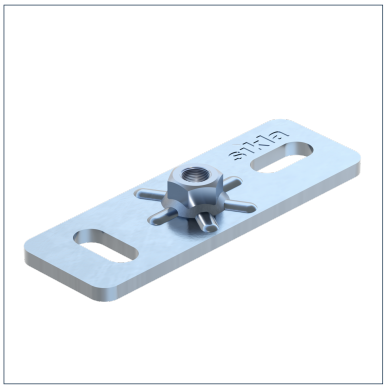
Primary element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

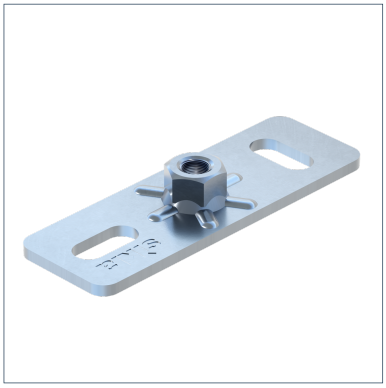
Forces

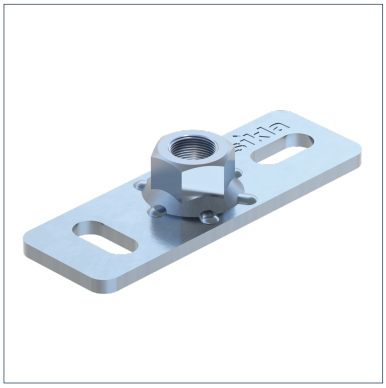
Type	-V{Z,perm.}
GPL N M 8	1,50 kN
GPL N 2G	1,50 kN

Mounting Plate GPL









Type	-V{Z,perm.}
GPL N M10	1,50 kN
GPL N M10 RL	1,50 kN
GPL N 1/2''	1,50 kN
GPL ST M10	4,00 kN
GPL ST M12	5,00 kN
GPL ST M16	8,50 kN
GPL STABIL R 1/2''	8,50 kN
GPL STABIL R 3/4''	8,50 kN
GPL STABIL R 1''	8,50 kN

Moments

Type	Permissible bending moment M{b,perm.}
GPL N M 8	8,8 Nm
GPL N M10	17,2 Nm
GPL N M10 RL	17,2 Nm
GPL N 1/2''	25 Nm
GPL ST M10	17,2 Nm
GPL ST M12	29,6 Nm
GPL ST M16	70,3 Nm
GPL STABIL R 1/2''	95 Nm
GPL STABIL R 3/4''	180 Nm
GPL STABIL R 1''	350 Nm

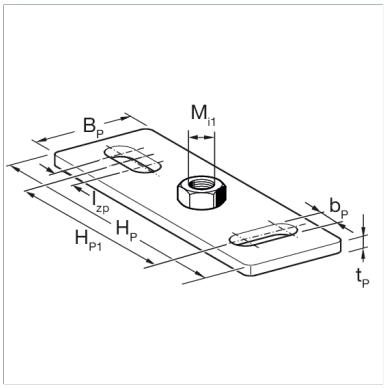
Note on loadings

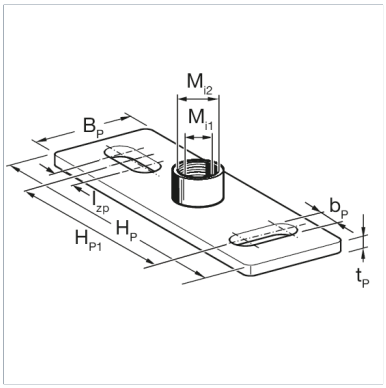
Limitation of max. perm. bending moment caused by the Mounting Plate or the loading capacity of the grub screw or of the threaded tube.
$\sigma(zul) \leq 160\ N/mm^2$ $f(zul) < 5$ mm

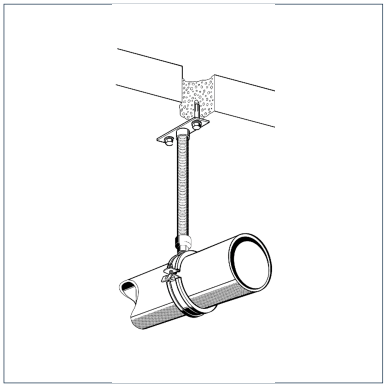
Types

Type	Max. lever arm	Weight	Quantity	Part number
GPL N M 8	150,00 mm	0,057 kg/pcs.	50 pcs.	107501
GPL N 2G	150,00 mm	0,061 kg/pcs.	100 pcs.	113016
GPL N M10	200,00 mm	0,06 kg/pcs.	50 pcs.	138361
GPL N M10 RL	200,00 mm	0,063 kg/pcs.	50 pcs.	199077
GPL N 1/2''	300,00 mm	0,078 kg/pcs.	50 pcs.	138501
GPL ST M10	200,00 mm	0,147 kg/pcs.	50 pcs.	138343
GPL ST M12	300,00 mm	0,148 kg/pcs.	50 pcs.	107556

Mounting Plate GPL







Type	Max. lever arm	Weight	Quantity	Part number
GPL ST M16	300,00 mm	0,196 kg/pcs.	50 pcs.	138352
GPL STABIL R 1/2''	350,00 mm	0,197 kg/pcs.	50 pcs.	138529
GPL STABIL R 3/4''	450,00 mm	0,207 kg/pcs.	50 pcs.	138538
GPL STABIL R 1''	500,00 mm	0,222 kg/pcs.	50 pcs.	107592

Dimensions

Type	BP	bP	HP	HP1	lzP	Mi1	Mi2	tP
GPL N M 8	30 mm	9 mm	80 mm	54 mm	9 mm	M8		3 mm
GPL N 2G	30 mm	9 mm	80 mm	54 mm	9 mm	M8	M10	3 mm
GPL N M10	30 mm	9 mm	80 mm	54 mm	9 mm	M10		3 mm
GPL N M10 RL	30 mm		80 mm			M10		3 mm
GPL N 1/2''	30 mm	9 mm	80 mm	54 mm	9 mm	1/2"		3 mm
GPL ST M10	40 mm	11 mm	120 mm	80 mm	14 mm	M10		4 mm
GPL ST M12	40 mm	11 mm	120 mm	80 mm	14 mm	M12		4 mm
GPL ST M16	40 mm	11 mm	120 mm	80 mm	14 mm	M16		5 mm
GPL STABIL R 1/2''	40 mm	11 mm	120 mm	80 mm	14 mm	1/2"		5 mm
GPL STABIL R 3/4''	40 mm	11 mm	120 mm	80 mm	14 mm	3/4"		5 mm
GPL STABIL R 1''	40 mm	11 mm	120 mm	80 mm	14 mm	1"		5 mm

Certification