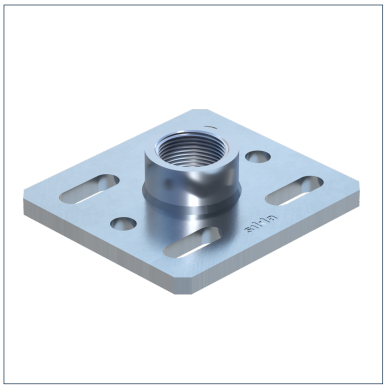
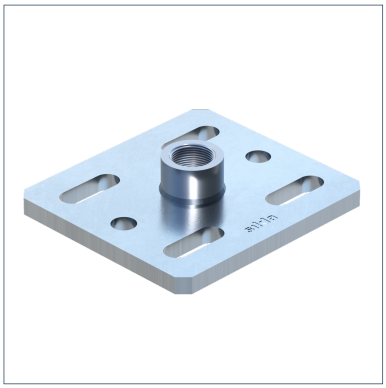
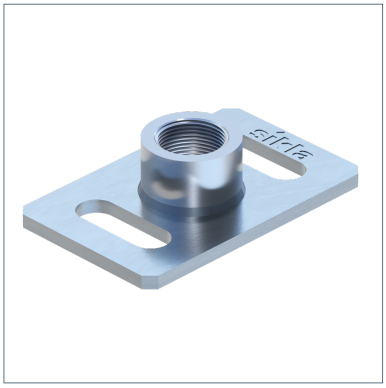
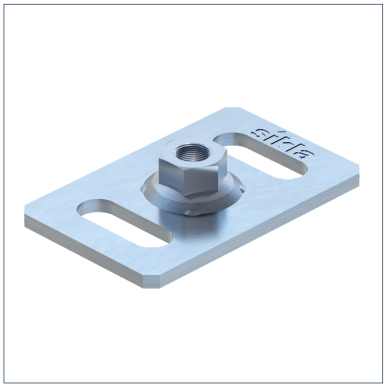
Mounting Plate GPL F100 HCP









General Information

Interface component to connect threaded bar M10 to M16 and threaded tube 1/2' siFramo TP F100 beam sections. The ST versions are solid and are only intended for pipe clamp fastening using threaded pipes.

Installation

Type Normal: Requires 2 x Self Forming Screw FLS per Mounting Plate GPL.

Type ST: Requires 4 x Self Forming Screw FLS per Mounting Plate GPL. Connection to the channel system with CC 41 threaded plate and hexagon screws. The base plate is also suitable for concrete connections thanks to the two holes.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

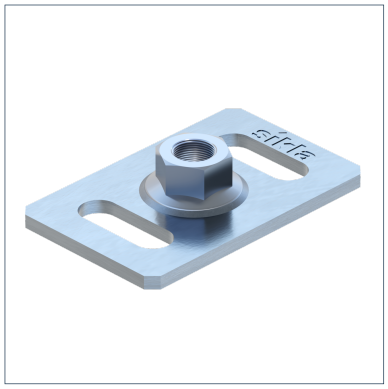
Forces

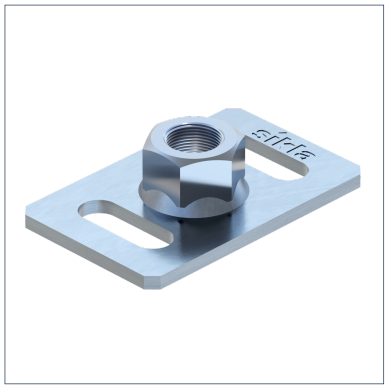
Type	-V{X,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}
GPL-ST F100 1/2'' HCP	13,00 kN	13,00 kN	13,00 kN	13,00 kN	18,00 kN
GPL-ST F100 1'' HCP	13,00 kN	13,00 kN	13,00 kN	13,00 kN	18,00 kN
GPL F100 M10 HCP	13,00 kN	13,00 kN	13,00 kN	13,00 kN	8,00 kN
GPL F100 M12 HCP	13,00 kN	13,00 kN	13,00 kN	13,00 kN	8,00 kN
GPL F100 M16 HCP	13,00 kN	13,00 kN	13,00 kN	13,00 kN	8,00 kN
GPL F100 1/2'' HCP	13,00 kN	13,00 kN	13,00 kN	13,00 kN	8,00 kN

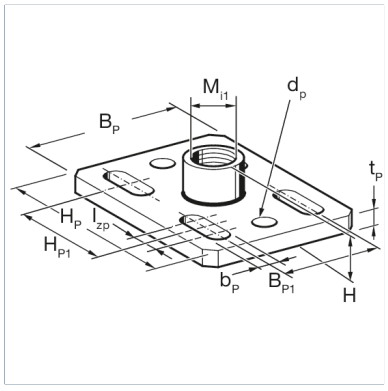
Moments

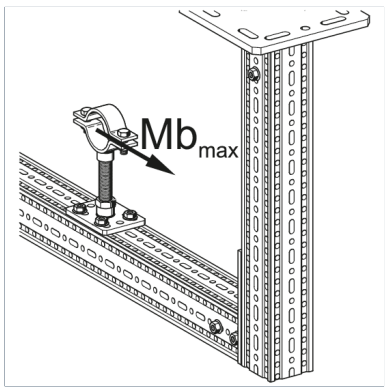
Type	Permissible bending moment M{b,perm.}
GPL-ST F100 1/2'' HCP	53 Nm
GPL-ST F100 1'' HCP	277 Nm
GPL F100 M10 HCP	15 Nm
GPL F100 M12 HCP	26 Nm
GPL F100 M16 HCP	62 Nm
GPL F100 1/2'' HCP	53 Nm

Mounting Plate GPL F100 HCP









Note on loadings

The threaded pipe used is decisive for the permissible bending moment. Other influences from the fastening (anchor) must be taken into account.

Types

Type	Weight	Quantity	Part number
GPL-ST F100 1/2'' HCP	0,800 kg/pcs.	25 pcs.	117266
GPL-ST F100 1'' HCP	0,800 kg/pcs.	25 pcs.	117268
GPL F100 M10 HCP	0,160 kg/pcs.	50 pcs.	113338
GPL F100 M12 HCP	0,173 kg/pcs.	50 pcs.	113646
GPL F100 M16 HCP	0,176 kg/pcs.	50 pcs.	113090
GPL F100 1/2'' HCP	0,179 kg/pcs.	50 pcs.	113089

Dimensions

Type	BP	bP	BP1	dP	H	HP	HP1	lzP	Mi1	tP
GPL-ST F100 1/2'' HCP	100 mm	11 mm	62 mm	11 mm		110 mm	60 mm	20 mm	1/2"	8 mm
GPL-ST F100 1'' HCP	100 mm	11 mm	62 mm	11 mm		110 mm	60 mm	20 mm	1"	8 mm
GPL F100 M10 HCP	100 mm	11 mm	62 mm		15 mm	50 mm		20 mm	M10	4 mm
GPL F100 M12 HCP	100 mm	11 mm	62 mm		17 mm	50 mm		20 mm	M12	4 mm
GPL F100 M16 HCP	100 mm	11 mm	62 mm		19,8 mm	50 mm		20 mm	M16	4 mm
GPL F100 1/2'' HCP	100 mm	11 mm	62 mm		21 mm	50 mm		20 mm	1/2"	4 mm

Certification

Stahl

Mounting Plate GPL F100 HCP

