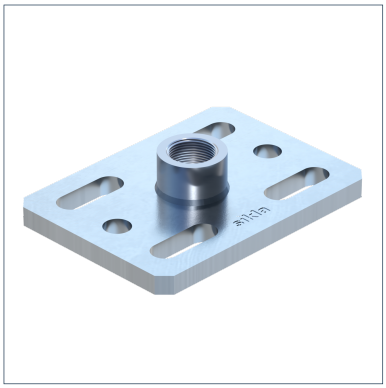
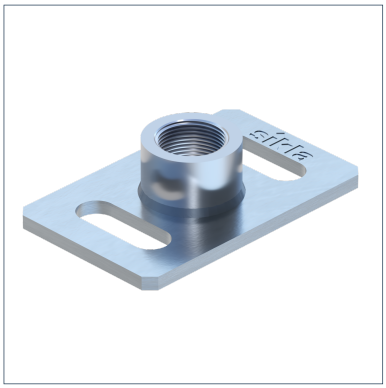
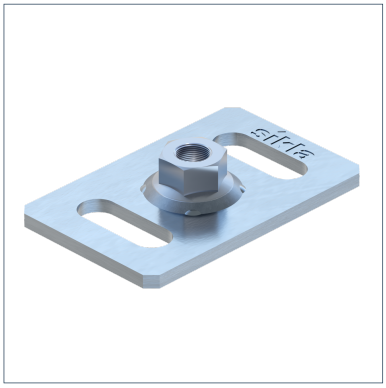
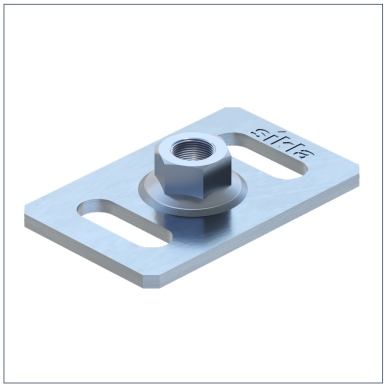
Mounting Plate GPL F 80 HCP









General Information

Interface component to connect threaded bar M10 to M16 and threaded tube 1/2' siFramo TP F80 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 F 80 1/2'' HCP	13.00 kN	13.00 kN	13.00 kN	13.00 kN	18.00 kN
GPL F 80 M10 HCP	13.00 kN	13.00 kN	13.00 kN	13.00 kN	8.00 kN
GPL F 80 M12 HCP	13.00 kN	13.00 kN	13.00 kN	13.00 kN	8.00 kN
GPL F 80 M16 HCP	13.00 kN	13.00 kN	13.00 kN	13.00 kN	8.00 kN
GPL F 80 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 F 80 1/2'' HCP	53 Nm

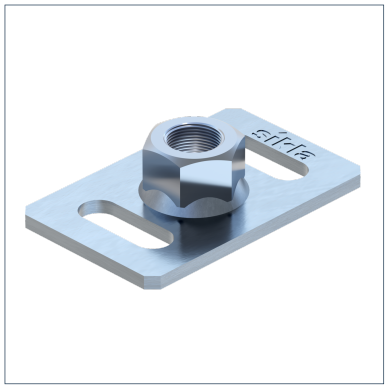
Note on loadings

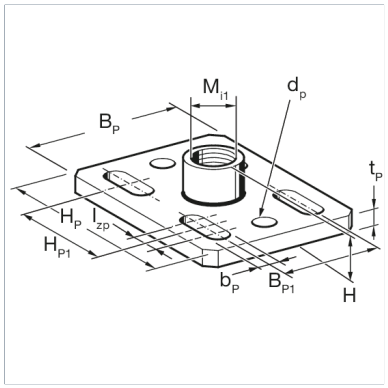
The threaded pipe used is decisive for the permissible bending moment. Other influences from the fastening (anchor) must be taken into account.

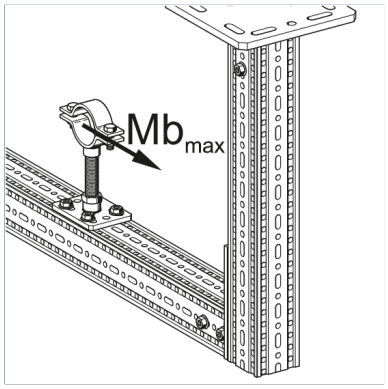
Types

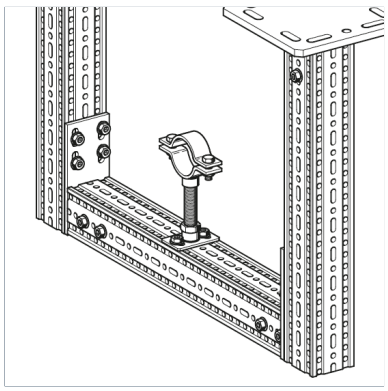
Type	Weight	Quantity	Part number
GPL-ST F 80 1/2'' HCP	0.500 kg/pcs.	25 pcs.	112719
GPL F 80 M10 HCP	0.113 kg/pcs.	50 pcs.	113004

Mounting Plate GPL F 80 HCP









Type	Weight	Quantity	Part number
GPL F 80 M12 HCP	0.113 kg/pcs.	50 pcs.	112911
GPL F 80 M16 HCP	0.138 kg/pcs.	50 pcs.	195833
GPL F 80 1/2'' HCP	0.138 kg/pcs.	50 pcs.	192900

Dimensions

Type	BP	bP	BP1	dP	H	HP	HP1	lzP	Mi1	tP
GPL-ST F 80 1/2'' HCP	80 mm	11 mm	50 mm	11 mm		110 mm	60 mm	20 mm	1/2"	8 mm
GPL F 80 M10 HCP	80 mm	11 mm	50 mm		15 mm	50 mm		20 mm	M10	4 mm
GPL F 80 M12 HCP	80 mm	11 mm	50 mm		17 mm	50 mm		20 mm	M12	4 mm
GPL F 80 M16 HCP	80 mm	11 mm	50 mm		19.8 mm	50 mm		20 mm	M16	4 mm
GPL F 80 1/2'' HCP	80 mm	11 mm	50 mm		21 mm	50 mm		20 mm	1/2"	4 mm

Certification

Stahl