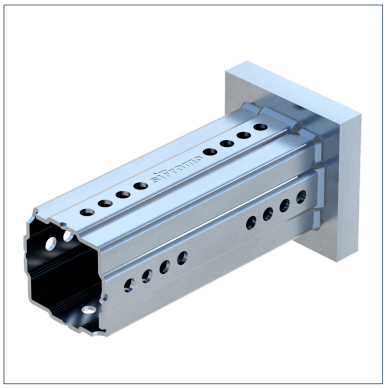
Welding Adapter ASA F 80 HCP



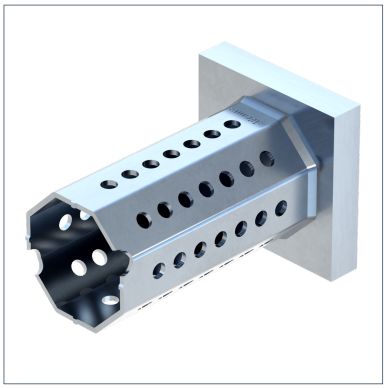
General Information

Welding plate with square insert to receive siFramo section. May be implemented into the structural steel design in anticipation of siFramo-frames or used in situ as a connection element when clamping is not an option but hot works are permitted.

Installation

The welding plate of the ASA can be welded directly without previous treatment due to a corrosion-resistant weld-thru coating which is compatible with both the HDG surface of the siFramo section and the health and safety requirements of the welding process. Once the ASA adapter has been connected, the coating may also receive paint without previous treatment.

The siFramo section must be connected to the Welding Adapter ASA with 4 x Self Forming Screw FLS.

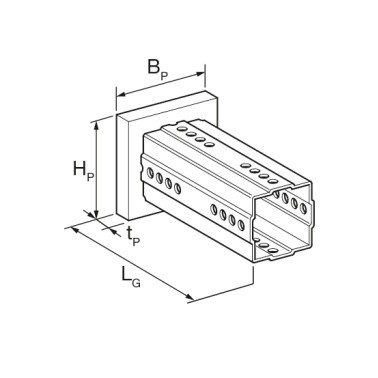


Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

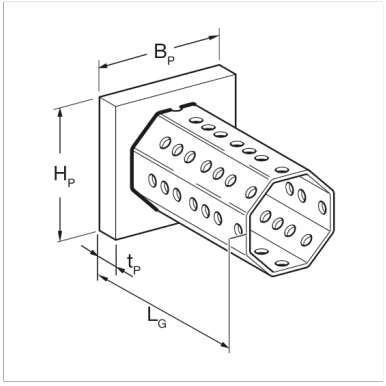


Forces

Type	-V{X,Rd}	V{X,Rd}	-V{Y,Rd}	V{Y,Rd}	-V{Z,Rd}	V{Z,Rd}
ASA-4KT F 80 HCP	34.6 kN	34.6 kN	64.3 kN	64.3 kN	64.3 kN	64.3 kN
ASA-8KT F 80 HCP	47 kN	47 kN	56.8 kN	56.8 kN	56.8 kN	56.8 kN

Moments

Type	-M{X,Rd}	M{X,Rd}	-M{Y,Rd}	M{Y,Rd}	-M{Z,Rd}	M{Z,Rd}
ASA-4KT F 80 HCP	3.7 kNm	3.7 kNm	5.2 kNm	5.2 kNm	5.2 kNm	5.2 kNm
ASA-8KT F 80 HCP	2.1 kNm	2.1 kNm	3.4 kNm	3.4 kNm	3.4 kNm	3.4 kNm



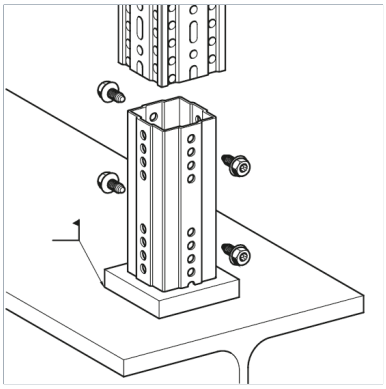
Note on loadings

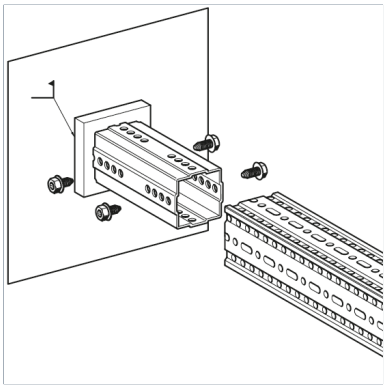
The specified load values are design loads Rd and include a partial safety factor $\gamma M2 = 1.25$ (DIN EN 1993-1-8:2025-04, Table 4.1)
A partial safety factor of $\gamma G = 1.35$ (DIN EN 1990:2021-10, Table A1.2(B)) must be taken into account for permanent loads.

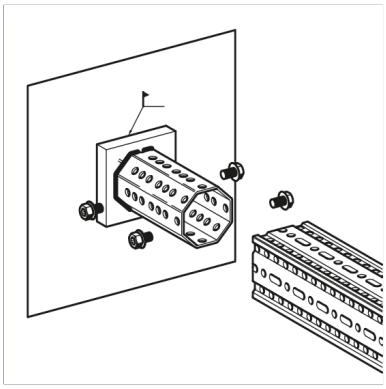
Additional information

Also available with DualShield for high corrosion protection within C5H environments.

Welding Adapter ASA F 80 HCP







Types

Type	LG	Weight	Quantity	Part number
ASA-4KT F 80 HCP	211 mm	2.400 kg/pcs.	1 pcs.	111741
ASA-8KT F 80 HCP	161 mm	2.200 kg/pcs.	1 pcs.	112212

Dimensions

Type	BP	HP	LG	tP
ASA-4KT F 80 HCP	100 mm	100 mm	211 mm	20 mm
ASA-8KT F 80 HCP	100 mm	100 mm	161 mm	20 mm

Certification

Stahl

CE mark (Declaration of performance see downloads)