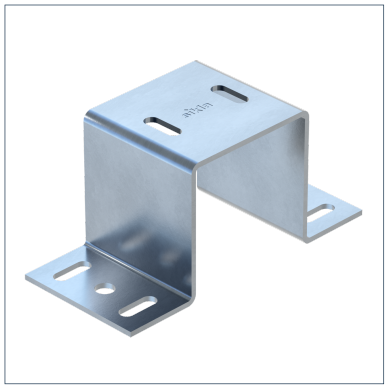
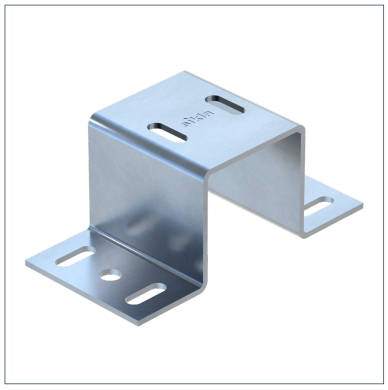
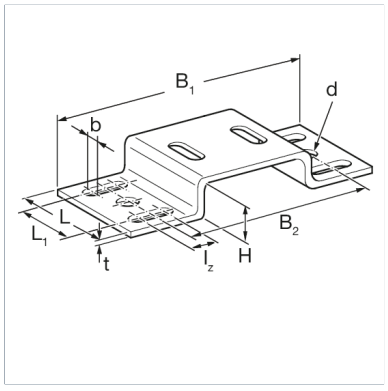
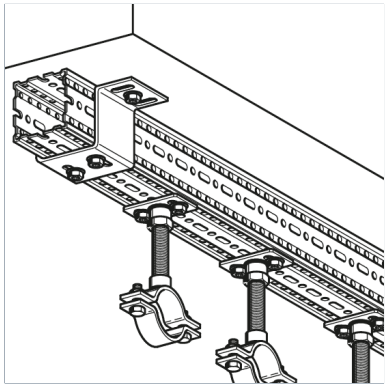
Beam Section Holder TPH F100 HCP









General Information

Interface element to connect 90° intersecting Beam Sections F100. Alternatively the Beam Section Holder TPH may be used to connect only one beam section to an even surface with suitable wall anchors or with cast-in channel accessories.

Installation

Connecting one Beam Section F100 90° to another one by using 6 x Self Forming Screw FLS applied through all elongated holes.
Connecting to any other surface or member by using 2 x Self Forming Screws FLS through the two elongated holes on the top of the Beam Section Holder TPH F80 plus 2 appropriate fixing elements up to M12 through the two holes “d1”.

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.}	V{Z,perm.}
TPH-C F100-F 80 HCP	16,70 kN	16,70 kN	29,10 kN	29,10 kN	18,80 kN	18,80 kN
TPH-C F100 HCP	16,70 kN	16,70 kN	29,10 kN	29,10 kN	18,80 kN	18,80 kN

Moments

Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
TPH-C F100-F 80 HCP	0,8 kNm	0,8 kNm	0,7 kNm	0,7 kNm
TPH-C F100 HCP	0,8 kNm	0,8 kNm	0,7 kNm	0,7 kNm

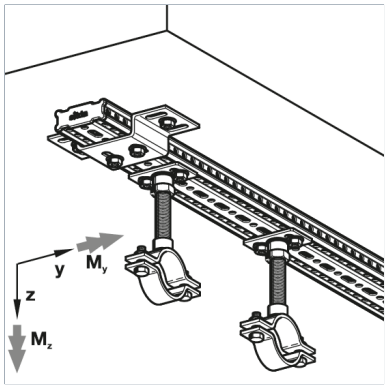
Note on loadings

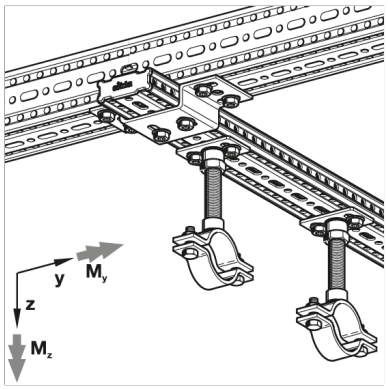
The specified load values are design loads Rd and include a partial safety factor $\gamma M2 = 1.25$ (DIN EN 1993-1-8:2025-04, Table 4.1)
A partial safety factor of $\gamma G = 1.35$ (DIN EN 1990:2021-10, Table A1.2(B)) must be taken into account for permanent loads.

Additional information

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

Beam Section Holder TPH F100 HCP





Types

Type	Weight	Quantity	Part number
TPH-C F100-F 80 HCP	1,089 kg/pcs.	10 pcs.	113085
TPH-C F100 HCP	1,24 kg/pcs.	10 pcs.	113084

Dimensions

Type	b	B1	B2	d	H	L	L1	lz	t
TPH-C F100-F 80 HCP	11 mm	199 mm	149 mm	14 mm	80 mm	100 mm	62 mm	20 mm	4 mm
TPH-C F100 HCP	11 mm	219 mm	169 mm	14 mm	100 mm	100 mm	62 mm	20 mm	4 mm

Certification

Stahl