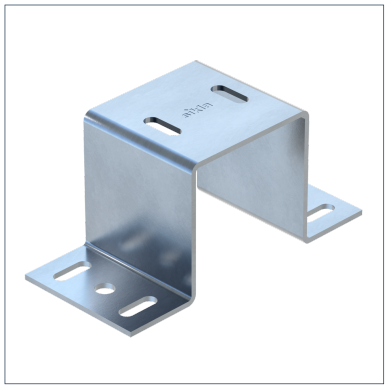
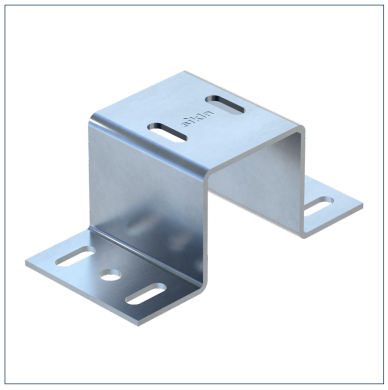
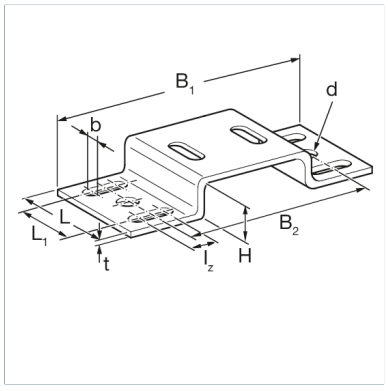
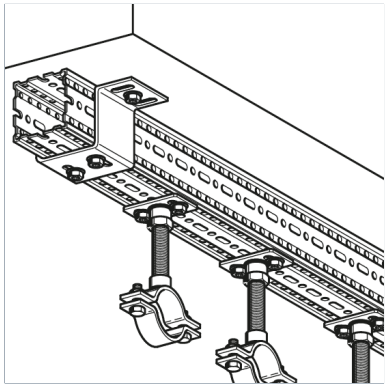
Beam Section Holder TPH F100 HCP









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 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 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.

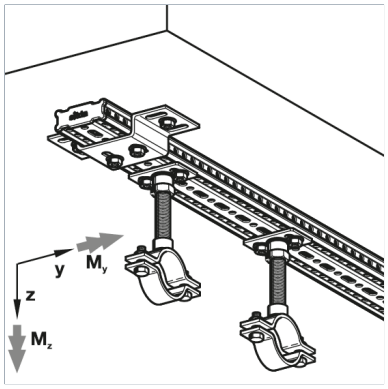
Additional information

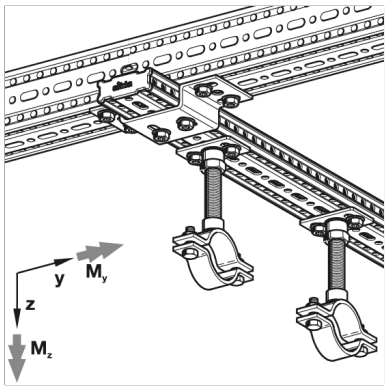
Also available with DualShield for high corrosion protection within C5H environments.

Types

Type	Weight	Quantity	Part number
TPH-C F100 HCP	1.24 kg/pcs.	10 pcs.	113084

Beam Section Holder TPH F100 HCP





Dimensions

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

Certification

Stahl