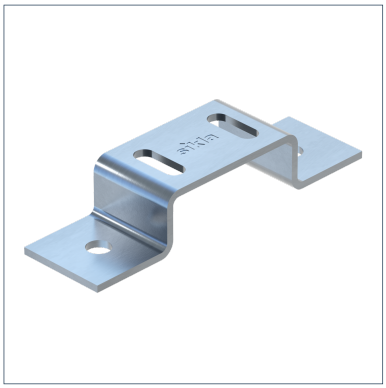
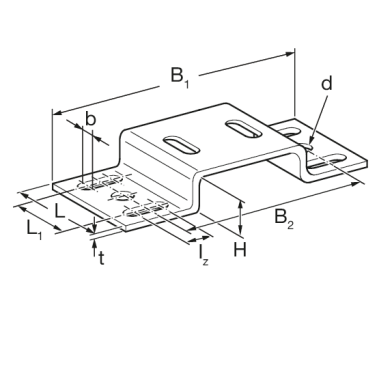
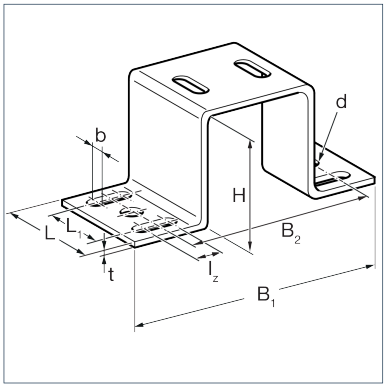
Beam Section Holder TPH F 80 W HCP









General Information

Interface element to connect 90° intersecting Beam Sections F80 or F 80/30. 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 F80 or F 80/30 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,Rd}	V{X,Rd}	-V{Y,Rd}	V{Y,Rd}	-V{Z,Rd}	V{Z,Rd}
TPH F 80/30 HCP	14.4 kN	14.4 kN	28.1 kN	28.1 kN	18.3 kN	18.3 kN
TPH F 80 HCP	14.4 kN	14.4 kN	28.1 kN	28.1 kN	18.3 kN	18.3 kN

Moments

Type	-M{Y,Rd}	M{Y,Rd}	-M{Z,Rd}	M{Z,Rd}
TPH F 80/30 HCP	1.2 kNm	1.2 kNm	1.2 kNm	1.2 kNm
TPH F 80 HCP	1.2 kNm	1.2 kNm	1.2 kNm	1.2 kNm

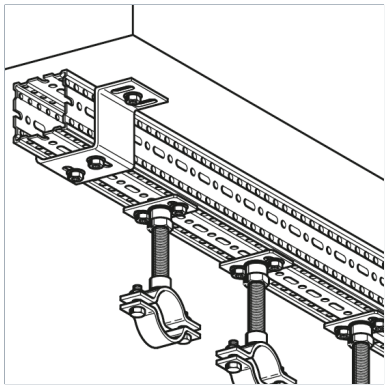
Note on loadings

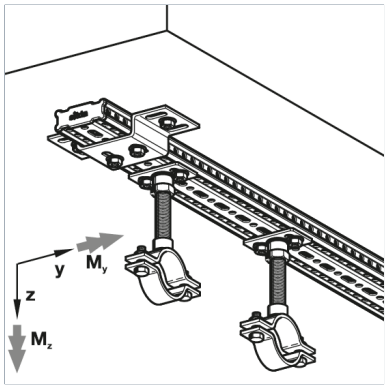
The specified load values are design loads Rd and include a partial safety factor $\gamma M2 = 1.25$ (DIN EN 1993-1-8:2025-04, Table 4.1)
A partial safety factor of $\gamma G = 1.35$ (DIN EN 1990:2021-10, Table A1.2(B)) must be taken into account for permanent loads.

Additional information

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

Beam Section Holder TPH F 80 W HCP





Types

Type	Weight	Quantity	Part number
TPH F 80/30 HCP	0.349 kg/pcs.	10 pcs.	116672
TPH F 80 HCP	0.500 kg/pcs.	10 pcs.	195765

Dimensions

Type	b	B1	B2	d	H	L	lz	t
TPH F 80/30 HCP	11 mm	181 mm	131 mm	13 mm	30 mm	50 mm	20 mm	4 mm
TPH F 80 HCP	11 mm	181 mm	131 mm	13 mm	80 mm	50 mm	20 mm	4 mm

Certification

Stahl