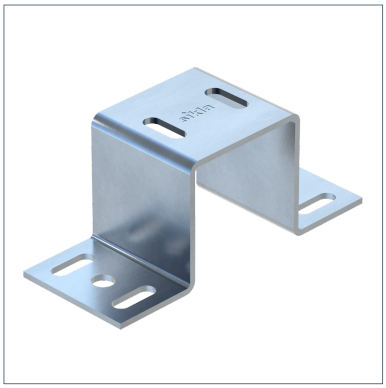
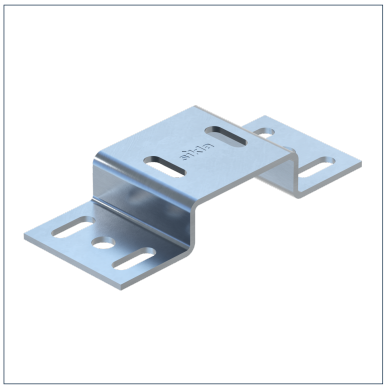
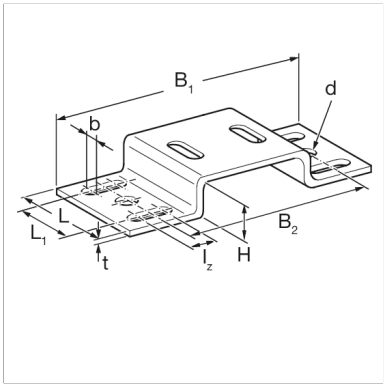
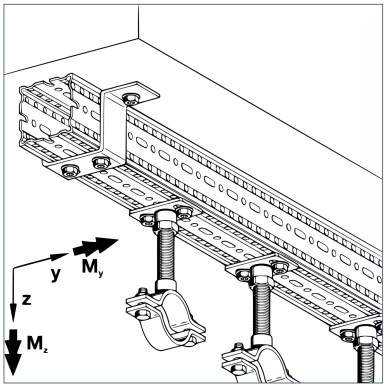
Beam Section Holder TPH F 80 HCP









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,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
TPH-C F 80/30 HCP	16.70 kN	16.70 kN	29.10 kN	29.10 kN	18.80 kN	18.80 kN
TPH-C F 80 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 F 80/30 HCP	0.8 kNm	0.8 kNm	0.7 kNm	0.7 kNm
TPH-C F 80 HCP	0.8 kNm	0.8 kNm	0.7 kNm	0.7 kNm

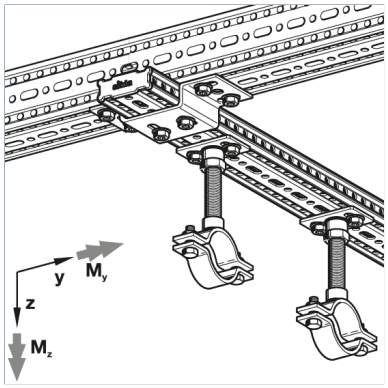
Note on loadings

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 F 80 HCP



Types

Type	Weight	Quantity	Part number
TPH-C F 80/30 HCP	0.54 kg/pcs.	10 pcs.	116673
TPH-C F 80 HCP	0.779 kg/pcs.	10 pcs.	111732

Dimensions

Type	b	B1	B2	d	H	L	L1	Iz	t
TPH-C F 80/30 HCP	11 mm	199 mm	149 mm	14 mm	30 mm	80 mm	50 mm	20 mm	4 mm
TPH-C F 80 HCP	11 mm	199 mm	149 mm	14 mm	80 mm	80 mm	50 mm	20 mm	4 mm

Certification

Stahl