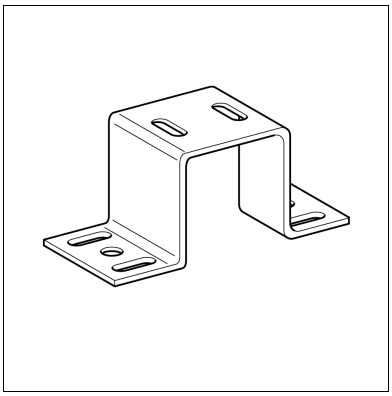

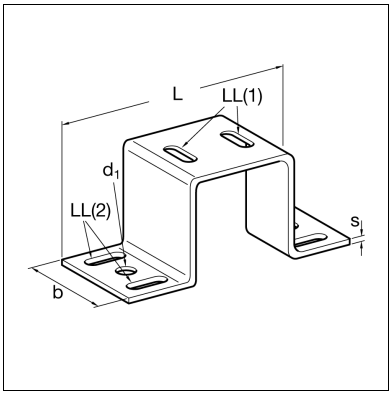

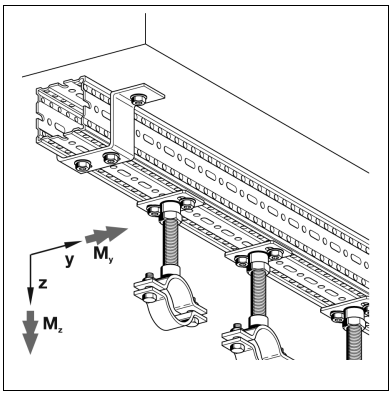

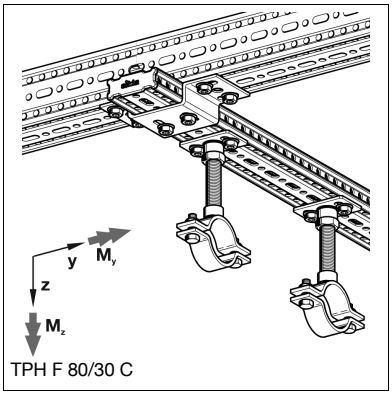

TPH F 80/30 C

Beam Section Holder TPH F 80

Group: A425

Application

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”.

Technical Data

Type	L x w x th [mm]	Ø d_1 [mm]	Elongated hole LL1 d x a [mm]	Elongated hole LL2 d x a [mm]
TPH F 80/30	181 x 50 x 4	13	11 x 20	-
TPH F 80/30 C	199 x 80 x 4	14	11 x 20	11 x 20
TPH F 80	181 x 50 x 4	13	11 x 20	-
TPH F 80 C	199 x 80 x 4	14	11 x 20	11 x 20

Type	F_x [kN]	F_y [kN]	F_z [kN]	M_y [kNm]	M_z [kNm]
TPH F 80/30	6.2	20.8	13.6	0.9	0.9
TPH F 80/30 C	6.2	12.7	12.3	0.6	0.5
TPH F 80	6.2	20.8	13.6	0.9	0.9
TPH F 80 C	6.2	12.7	12.3	0.6	0.5

The specified load values are permissible loads and contain the partial safety factors γ_{M2} = 1,25 (DIN EN 1993-1-8:2010-12, chart 2.1) and γ_G = 1,35 (DIN EN 1990:2010-12, chart A1.2(B)) for permanent actions.
Material: Steel, HCP or hot dipped galvanised

Approvals / Conformity

epd

NEPD-4539-3797-EN

Type	W [kg]	Quantity [pack]	Part number
TPH F 80/30	0.4	10	**116672**
TPH F 80/30 C	0.5	10	**116673**
TPH F 80	0.5	10	**195765**
TPH F 80 C	0.8	10	**111732**