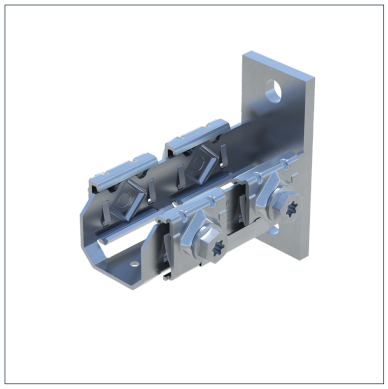
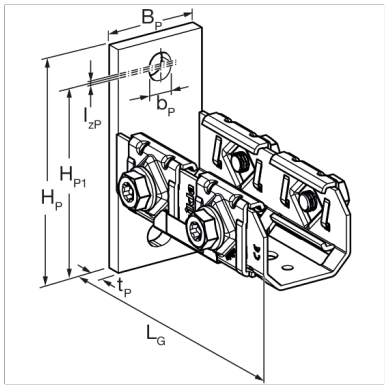
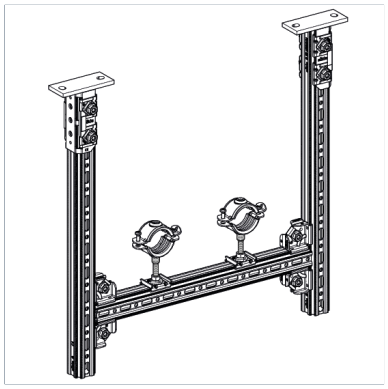
End Support WBD 46 HCP







General Information

In combination with Profile PRO 46, End Support WBD 46 is particularly suitable for: brackets for wall, floor and ceiling mounting free standing frame constructions. The HCP design allows for use in areas with higher corrosion protection requirements.

Installation

Connection to the building structure using Bolt Anchors AN BZ plus or heavy-duty anchors. Alternatively, fastening to steel beams using Joining Plate AP 46 80/120 (part no. 802158).

No. of Blocks with screws laterally: 4 x M10

Configuration: Base plate welded to profile intake
Required tool: T50 Bit or 17 mm (AF) Socket Bit
Tightening torque: 20 Nm

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.}
WBD 46 HCP	1.61 kN	1.61 kN	2.43 kN	2.43 kN	3.54 kN	2.64 kN

Moments

Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
WBD 46 HCP	0.35 kNm	0.4 kNm	0.39 kNm	0.39 kNm

Types

Type	Weight	Quantity	Part number
WBD 46 HCP	0.855 kg/pcs.	5 pcs.	803544

Dimensions

Type	BP	bP	HP	HP1	lzP	LG	tP
WBD 46 HCP	50 mm	13 mm	120 mm	90 mm	2 mm	138 mm	8 mm

Certification

Documents

DoP (EN) - WBD 46