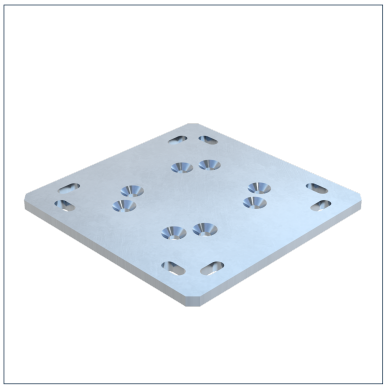
Wall Adapter Plate TWA HCP



General Information

The wall adapter plate serves as a base plate for the connection of a steel beam of the siMotec beam systems 100 and 120 to a concrete wall.

Installation

The four countersunk screws of the connecting parts set are inserted into the countersunk holes.The panel is then attached to the steel beam by beam clips, washer and nuts (included in the connecting parts set) to the steel beam. The wall adapter plate is then fixed to the concrete wall with four anchors. The anchors must be ordered separately and selected depending on the substrate.

Connection to flange width: 100/120 mm
Tightening torque MA [Nm] / plus revolution 60/90°

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{Z,perm.}	V{Z,perm.}
TWA HCP	12,00 kN	12,00 kN	12,00 kN	12,00 kN

Note on loadings

The specified Shear force load capacity relate to the worst case with flange thicknesses 30 mm (M12) as well as a coefficient of static friction μ(adhesion) = 0.20. A possibly operating tensile force F(z) isn't included.
Please consider max loads of anchors.

Additional information

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

Types

Type	Min. flange width	Weight	Quantity	Part number
TWA HCP	100,00 mm	6,900 kg/pcs.	1 pcs.	803571

Dimensions

Type	BP	BP1	BP3	bP	dP1	HP	HP1	HP3	lzP	tP
TWA HCP	280 mm	230 mm	117 mm	14 mm	13 mm	280 mm	230 mm	137 mm	15 mm	12 mm

Certification

